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PA28-235
S/N 28-10606 thru 28-10719
Complete Kit P/N PCKT235-03 (Manual Trim)
Complete Kit P/N PCKT235-08 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-016	Stabilator Indicator Aft
1	MC62701-047	Stabilator Trim Aft
1	MC62701-045 [2]	Stabilator Trim Forward (Manual)
1	MC62701-044 [3]	Stabilator Trim Forward (Electric)
Aileron Cable Kit P/N PCKT-01-AIL		
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-01-RUD		
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-01 [1]		
1	MC62701-010 [1]	Stabilator Forward LH
1	MC62701-011 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28-235
S/N 28-10720 thru 28-11393, 28-7110001 thru 28-7210033
Complete Kit P/N PCKT235-04 (Manual Trim)
Complete Kit P/N PCKT235-05 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-057 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-01-AIL		
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-01-RUD		
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-01 [1]		
1	MC62701-010 [1]	Stabilator Forward LH
1	MC62701-011 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28-235
S/N 28-7310001 thru 28-7710089
Complete Kit P/N PCKT235-06 (Manual Trim)
Complete Kit P/N PCKT235-07 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-111 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-03-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-02-RUD		
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-03 [1]		
1	MC62701-113 [1]	Stabilator Forward LH
1	MC62701-114 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

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PA28-236
S/N 28-7911001 thru 28-8611008, 2811001 thru 2811050
Complete Kit P/N PCKT236-01 (Manual Trim)
Complete Kit P/N PCKT236-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-111 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-02-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-02-RUD		
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-03 [1]		
1	MC62701-113 [1]	Stabilator Forward LH
1	MC62701-114 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28R-180
S/N 28R-30005 thru 28R-30481, 28R-30483 thru 28R-31279, 28R-7130001 thru 28R-7130019
Complete Kit P/N PCKTR180-01 (Manual Trim)
Complete Kit P/N PCKTR180-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-057 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-01-AIL		
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-03-RUD		
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-04 [1]		
1	MC62701-062 [1]	Stabilator Fwd LH
1	MC62701-061 [1]	Stabilator Fwd RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28R-200
S/N 28R-35001 thru 28R-35830, 28R-7135001 thru 28R-7135238
Complete Kit P/N PCKTR200-01 (Manual Trim)
Complete Kit P/N PCKTR200-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-057 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-01-AIL		
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH

Notes:

[1] Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips

[2] Included in kits for manual trim aircraft only

[3] Included in kits for electric trim aircraft only

[4] Kits for electric trim aircraft include only one of this part number

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Qty	P/N	Galv or SS	Location
Rudder Cable Kit P/N PCKT-03-RUD			
2	MC62701-006		Rudder Forward LH and RH
2	MC62701-064		Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-04 [1]			
1	MC62701-062 [1]		Stabilator Fwd LH
1	MC62701-061 [1]		Stabilator Fwd RH
1	MC62701-012 [1]		Stabilator Aft Bottom
1	MC62701-013 [1]		Stabilator Aft Top

PA28R-200
S/N 28R-7235001 thru 28R-7635545
Complete Kit P/N PCKTR200-03 (Manual Trim)
Complete Kit P/N PCKTR200-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-111 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-03-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-04-RUD		
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-05 [1]		
1	MC62701-103 [1]	Stabilator Forward LH
1	MC62701-102 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28R-201
S/N 28R-7737002 thru 28R-7837317, 2837001 thru 2837061
Complete Kit P/N PCKTR201-01 (Manual Trim)
Complete Kit P/N PCKTR201-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-111 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-04-RUD		
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-05 [1]		
1	MC62701-103 [1]	Stabilator Forward LH
1	MC62701-102 [1]	Stabilator Forward RH
1	MC62701-012 [1]	Stabilator Aft Bottom
1	MC62701-013 [1]	Stabilator Aft Top

PA28R-201T
S/N 28R-7703002 thru 28R-7803372, 2803001 thru 2803015
Complete Kit P/N PCKTR201T-01 (Manual Trim)
Complete Kit P/N PCKTR201T-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-111 [3]	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH

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Qty	P/N	Galv or SS	Location
Rudder Cable Kit P/N PCKT-04-RUD			
2	MC62701-100		Rudder Forward LH and RH
2	MC62701-064		Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-05 [1]			
1	MC62701-103 [1]		Stabilator Forward LH
1	MC62701-102 [1]		Stabilator Forward RH
1	MC62701-012 [1]		Stabilator Aft Bottom
1	MC62701-013 [1]		Stabilator Aft Top

PA28RT-201
S/N 28R-7918001 thru 28R-8218026
Complete Kit P/N PCKTRT201-01 (Manual Trim)
Complete Kit P/N PCKTRT201-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
2	MC62701-189 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-155	Stabilator Trim Aft
1	MC62701-191 [3]	Stabilator Trim Fwd LH (Electric)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-05-RUD		
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-06 [1]		
1	MC62701-102 [1]	Stabilator Forward RH
1	MC62701-103 [1]	Stabilator Forward LH
1	MC62701-169 [1]	Stabilator Aft Upper
1	MC62701-170 [1]	Stabilator Aft Lower

PA28RT-201
S/N 28R-7918001 thru 28R-8218026 for aircraft with Altimatic IIIC Autopilot
Complete Kit P/N PCKTRT201-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
2	MC62701-189 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-155	Stabilator Trim Aft
1	MC62701-193	Stab Trim Fwd LH (Autopilots)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-05-RUD		
2	MC62701-100	Rudder Forward
1	MC62701-168	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-06 [1]		
1	MC62701-102 [1]	Stabilator Forward RH
1	MC62701-103 [1]	Stabilator Forward LH
1	MC62701-169 [1]	Stabilator Aft Upper
1	MC62701-170 [1]	Stabilator Aft Lower

Notes:

[1] Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips

[2] Included in kits for manual trim aircraft only

[3] Included in kits for electric trim aircraft only

[4] Kits for electric trim aircraft include only one of this part number

All Piper cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

This provides both exceptional wear resistance and corrosion protection for many years.

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PA28RT-201T
S/N 28R-7931001 thru 28R-8631005, 2831001 thru 2831038
Complete Kit P/N PCKTRT201T-01 (Manual Trim)
Complete Kit P/N PCKTRT201T-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-155	Stabilator Trim Aft
2	MC62701-189 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-191 3	Stabilator Trim Fwd LH (Electric)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-05-RUD		
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-06 1		
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower

PA28RT-201T
S/N 28R-7931001 thru 28R-8631005, 2831001 thru 2831038 for aircraft with Altimatic IIIC Autopilot
Complete Kit P/N PCKTRT201T-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-101	Flap
1	MC62701-189 2	Stab Trim Fwd RH
1	MC62701-155	Stabilator Trim Aft
1	MC62701-193	Stab Trim Fwd LH (Autopilots)
Aileron Cable Kit P/N PCKT-04-AIL		
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
Rudder Cable Kit P/N PCKT-05-RUD		
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-06 1		
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower

PA28S-180
S/N 28S-671 thru 28S-2171
Complete Kit P/N PCKTS180-01

Qty	Part Number	Location
1	MC62701-031	Stabilator Trim Aft
Aileron Cable Kit P/N PCKT-05-AIL		
2	MC62701-018	Aileron Wing LH and RH
1	MC62701-019	Aileron Balance LH
1	MC62701-020	Aileron Balance RH
2	MC62701-017	Aileron Forward LH and RH
Rudder Cable Kit P/N PCKT-06-RUD		
2	MC62701-023	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-02 1		
1	MC62701-027 1	Stabilator Aft LH
1	MC62701-028 1	Stabilator Aft RH

PA28S-180
S/N 28S-2172 thru 28S-5869, 28S-7105001 thru 28S-7205234
Complete Kit P/N PCKTS180-02 (Manual Trim)
Complete Kit P/N PCKTS180-03 (Electric Trim)

Qty	Part Number	Location
1	MC62701-031	Stabilator Trim Aft
1	MC62701-046 2	Stab Trim Forward LH (Manual)
1	MC62701-049 3	Stab Trim Forward LH (Electric)

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Qty	P/N	Galv or SS	Location
Aileron Cable Kit P/N PCKT-05-AIL			
2	MC62701-018		Aileron Wing LH and RH
1	MC62701-019		Aileron Balance LH
1	MC62701-020		Aileron Balance RH
2	MC62701-017		Aileron Forward LH and RH
Rudder Cable Kit P/N PCKT-06-RUD			
2	MC62701-023		Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-02 1			
1	MC62701-027 1		Stabilator Aft LH
1	MC62701-028 1		Stabilator Aft RH

PA32-260
S/N 32-1 thru 32-1320, 32-7100001 thru 32-7300076
Complete Kit P/N PCKT260-01 (Manual Trim)
Complete Kit P/N PCKT260-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
1	MC62701-047	Stabilator Trim Aft
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-07-RUD		
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-037	Rudder Forward RH
1	MC62701-038	Rudder Forward LH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH

PA32-260
S/N 32-7400001 thru 32-7400061
Complete Kit P/N PCKT260-03 (Manual Trim)
Complete Kit P/N PCKT260-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
1	MC62701-047	Stabilator Trim Aft
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-08-RUD		
1	MC62701-134	Rudder Aft LH
1	MC62701-008	Rudder Aft RH
1	MC62701-037	Rudder Forward RH
1	MC62701-038	Rudder Forward LH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-040 1	Stabilator Forward LH

Notes:

1 Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips

2 Included in kits for manual trim aircraft only

3 Included in kits for electric trim aircraft only

4 Kits for electric trim aircraft include only one of this part number

Piper cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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PA32-260
S/N 32-7500001 thru 32-7800008
Complete Kit P/N PCKT260-05 (Manual Trim)
Complete Kit P/N PCKT260-06 (Electric Trim)

Qty	Part Number	Location
Aileron Cable Kit P/N PCKT-06-AIL		
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-037	Rudder Fwd LH and RH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Fwd RH

PA32-300
S/N 32-40000 thru 32-41018, 32-7140001 thru 32-7340201
Complete Kit P/N PCKT300-01 (Manual Trim)
Complete Kit P/N PCKT300-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Forward Stabilator Trim
1	MC62701-042 3	Electric Trim
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-07-RUD		
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-037	Rudder Forward RH
1	MC62701-038	Rudder Forward LH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Fwd RH

PA32-300
S/N 32-7440001 thru 32-7440182
Complete Kit P/N PCKT300-03 (Manual Trim)
Complete Kit P/N PCKT300-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-08-RUD		
1	MC62701-037	Rudder Fwd RH
1	MC62701-038	Rudder Forward LH
1	MC62701-134	Rudder Aft LH
1	MC62701-008	Rudder Aft RH

Piper cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Qty	Part Number	Location
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Fwd RH

PA32-300
S/N 32-7540001 thru 32-7940282
Complete Kit P/N PCKT300-05 (Manual Trim)
Complete Kit P/N PCKT300-06 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-037	Rudd Fwd LH and RH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH

PA32-301
S/N 32-8006001 thru 32-8606023, 3206001 thru 3206060
Complete Kit P/N PCKT301-01 (Manual Trim)
Complete Kit P/N PCKT301-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-07-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-037	Rudd Fwd LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-208 1	Stabilator Aft LH
1	MC62701-205 1	Stabilator Aft RH
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH

PA32-301
S/N 32-8406001 thru 32-8606023, 3206001 thru 3206060 for aircraft with Century 31 Autopilot
Complete Kit P/N PCKT301-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-041 2	Stab Trim Fwd RH
1	MC62701-047	Stabilator Trim Aft
1	MC62701-135	Stabilator Trim Forward

Notes:
1 Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips
2 Included in kits for manual trim aircraft only
3 Included in kits for electric trim aircraft only
4 Kits for electric trim aircraft include only one of this part number

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Qty	Part Number	Location
Aileron Cable Kit P/N PCKT-07-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-037	Rudder Fwd LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-208 1	Stabilator Aft LH
1	MC62701-205 1	Stabilator Aft RH
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH

PA32-301T
S/N 32-8024001 thru 32-8424002
Complete Kit P/N PCKT301T-01 (Manual Trim)
Complete Kit P/N PCKT301T-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-07-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-037	Rudder Fwd LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH
1	MC62701-208 1	Stabilator Aft LH
1	MC62701-205 1	Stabilator Aft RH

PA32-301T
S/N S/N 32-8024001 thru 32-8424002 for aircraft with Century 31 Autopilot
Complete Kit P/N PCKT301T-04 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
1	MC62701-041	Stab Trim Fwd RH
1	MC62701-135	Stabilator Trim Fwd LH (Autopilot)
Aileron Cable Kit P/N PCKT-07-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-037	Rudder Fwd LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH
1	MC62701-208 1	Stabilator Aft LH
1	MC62701-205 1	Stabilator Aft RH

PA32R-300
S/N 32R-7680001 thru 32R-7880068
Complete Kit P/N PCKTR300-01 (Manual Trim)
Complete Kit P/N PCKTR300-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)

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Qty	Part Number	Location
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-037	Rudder Fwd LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-07 1		
1	MC62701-012 1	Stabilator Aft LH
1	MC62701-013 1	Stabilator Aft RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Fwd RH

PA32R-301
S/N 32R-8013001 thru 32R-8613006, 3213001 thru 3213103
Complete Kit P/N PCKTR301-01 (Manual Trim)
Complete Kit P/N PCKTR301-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-08-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-199	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-037	Rudder Fwd LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH
1	MC62701-205 1	Stabilator Aft RH
1	MC62701-208 1	Stabilator Aft LH

PA32R-301T
S/N 32R-8029001 thru 32R-8629008, 3229001 thru 3229003
Complete Kit P/N PCKTR301T-01 (Manual Trim)
Complete Kit P/N PCKTR301T-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-042 3	Stab Trim Forward LH (Electric)
Aileron Cable Kit P/N PCKT-08-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-199	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
Rudder Cable Kit P/N PCKT-09-RUD		
2	MC62701-037	Rudder Fwd LH and RH
2	MC62701-008	Rudder Aft LH and RH
Stabilator Cable Kit P/N PCKT-STAB-09 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-207 1	Stabilator Forward LH
1	MC62701-205 1	Stabilator Aft RH
1	MC62701-208 1	Stabilator Aft LH

Notes:

1 Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips

2 Included in kits for manual trim aircraft only

3 Included in kits for electric trim aircraft only

4 Kits for electric trim aircraft include only one of this part number

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PA32RT-300
S/N 32R-7885001 thru 32R-7985125
Complete Kit P/N PCKTRT300-01 (Manual Trim)
Complete Kit P/N PCKTRT300-02 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
2	MC62701-041 4	Stab Trim Fwd LH & RH (Manual)
1	MC62701-137	Stabilator Trim Aft
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudder Fwd LH and RH
1	MC62701-157	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-10 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH

PA32RT-300
S/N 32R-7885001 thru 32R-7985013 for aircraft with Altimatic IIIC Autopilot
Complete Kit P/N PCKTRT300-05 (Electric Trim)

Qty	Part Number	Location
1	MC62701-014	Flap
1	MC62701-041	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-135	Stab Trim Fwd LH & RH (Autopilot)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudder Fwd LH and RH
1	MC62701-157	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-10 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH

PA32RT-300
S/N 32R-7985014 thru 32R-7985125 for aircraft with Altimatic IIIC Autopilot
Complete Kit P/N PCKTRT300-06 (Electric Trim)

Qty	Part Number	Location
1	MC62701-041	Stab Trim Fwd RH
2	MC62701-137	Stabilator Trim Aft
1	MC62701-183	Stab Trim Fwd LH & RH (Autopilot)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudder Fwd LH and RH
1	MC62701-157	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-10 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH

Piper cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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PA32RT-300T
S/N 32R-7887001 thru 32R-7987146
Complete Kit P/N PCKTRT300T-01 (Manual Trim)
Complete Kit P/N PCKTRT300T-02 (Electric Trim)

Qty	Part Number	Location
2	MC62701-041 4	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-042 3	Stabilator Trim Fwd LH (Electric)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudder Fwd LH and RH
1	MC62701-157	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-10 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH

PA32RT-300T
S/N 32R-7887003, 32R-7887005 thru 32R-7887050 for aircraft with Altimatic IIIC Autopilot, 32R-7887052 thru 32R-7887307, 32R-7987001 thru 32R-7987035
Complete Kit P/N PCKTRT300T-05 (Electric Trim)

Qty	Part Number	Location
1	MC62701-041	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-135	Stab Trim Fwd LH and RH (Autopilot)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudd Fwd LH and RH
1	MC62701-157	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-10 1		
1	MC62701-037 1	Stabilator Fwd RH
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH

PA32RT-300T
S/N 32R-7987004, 32R-7987051, 32R-7987036 thru 32R-7987146 for aircraft with Altimatic IIIC Autopilot
Complete Kit P/N PCKTRT300T-06 (Electric Trim)

Qty	Part Number	Location
1	MC62701-041	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-183	Stab Trim Fwd LH and RH (Autopilot)
Aileron Cable Kit P/N PCKT-06-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
Rudder Cable Kit P/N PCKT-10-RUD		
2	MC62701-037	Rudd Fwd LH and RH
1	MC62701-157	Rudder Aft

Notes:

1 Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips
2 Included in kits for manual trim aircraft only
3 Included in kits for electric trim aircraft only
4 Kits for electric trim aircraft include only one of this part number

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Qty	Part Number	Location
Stabilator Cable Kit P/N PCKT-STAB-10 [1]		
1	MC62701-037 [1]	Stabilator Fwd RH
1	MC62701-040 [1]	Stabilator Forward LH
1	MC62701-159 [1]	Stabilator Aft LH
1	MC62701-158 [1]	Stabilator Aft RH
PA32S-300		
S/N 32S-40000 thru 32S-7240147		
Complete Kit P/N PCKTS300-01 (Manual Trim)		
Complete Kit P/N PCKTS300-02 (Electric Trim)		
Qty	**Part Number**	**Location**
1	MC62701-047	Stabilator Trim Aft
2	MC62701-054 [4]	Stab Trim Fwd LH and RH (Manual)
1	MC62701-060 [3]	Stabilator Trim Fwd LH (Electric)
Aileron Cable Kit P/N PCKT-09-AIL		
2	MC62701-050	Aileron Forward LH and RH
2	MC62701-018	Aileron Wing LH and RH
1	MC62701-055	Aileron Balance LH
1	MC62701-020	Aileron Balance RH
Rudder Cable Kit P/N PCKT-11-RUD		
2	MC62701-023	Rudder Aft LH and RH
1	MC62701-051	Rudder Fwd RH
1	MC62701-037	Rudder Forward LH
Stabilator Cable Kit P/N PCKT-STAB-08 [1]		
1	MC62701-027 [1]	Stabilator Aft LH
1	MC62701-028 [1]	Stabilator Aft RH
1	MC62701-053 [1]	Stabilator Forward LH
1	MC62701-051 [1]	Stab Fwd RH
PA34-200		
S/N 34-7250001 thru 34-7450220		
Complete Kit P/N PCKT200-01 (Manual Trim)		
Complete Kit P/N PCKT200-05 (Electric Trim)		
Qty	**Part Number**	**Location**
1	MC62701-071	Flap
1	MC62701-073	Stabilator Trim Aft
2	MC62701-077 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-097 [3]	Stab Trim Fwd LH & RH (Autopilot)
2	MC62701-093	Aileron/Rudder Interconnect Aft
2	MC62701-094	Aileron/Rudder Interconnect Fwd
2	MC62701-069	Rudder Trim Fwd
1	MC62701-070	Rudder Trim Aft
Aileron Cable Kit P/N PCKT-10-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-074	Aileron Wing LH and RH
1	MC62701-076	Aileron Balance LH
1	MC62701-075	Aileron Balance RH
Rudder Cable Kit P/N PCKT-12-RUD		
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-11 [1]		
1	MC62701-078 [1]	Stabilator Forward LH
1	MC62701-037 [1]	Stabilator Forward RH
1	MC62701-079 [1]	Stabilator Aft Upper
1	MC62701-080 [1]	Stabilator Aft Lower
PA34-200		
S/N 34-7250001 thru 34-7450024, 34-7450025 thru 34-7450220 with Altimatic IIIB Autopilot If Kit 760-776 installed		
Complete Kit P/N PCKT200-10 (Electric Trim)		
Qty	**Part Number**	**Location**
1	MC62701-071	Flap
1	MC62701-077	Stab Trim Fwd RH
1	MC62701-073	Stabilator Trim Aft
1	MC62701-097	Stab Trim Fwd LH (Autopilot)
2	MC62701-093	Aileron/Rudder Interconnect Aft
2	MC62701-094	Aileron/Rudder Interconnect Fwd
2	MC62701-069	Rudder Trim Fwd
1	MC62701-070	Rudder Trim Aft

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Qty	Part Number	Location
Aileron Cable Kit P/N PCKT-11-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-074	Aileron Wing LH and RH
1	MC62701-076	Aileron Balance LH
1	MC62701-075	Aileron Balance RH
2	MC62701-128	Interconnect
Rudder Cable Kit P/N PCKT-12-RUD		
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-11 [1]		
1	MC62701-078 [1]	Stabilator Forward LH
1	MC62701-037 [1]	Stabilator Forward RH
1	MC62701-079 [1]	Stabilator Aft Upper
1	MC62701-080 [1]	Stabilator Aft Lower
PA34-200T		
S/N 34-7570001 - 34-8170092 for aircraft with Altimatic IIIB Autopilot		
Complete Kit P/N PCKT200T-01 (Manual Trim)		
Complete Kit P/N PCKT200T-02 (Electric Trim)		
Qty	**Part Number**	**Location**
1	MC62701-071	Flap
1	MC62701-073	Stabilator Trim Aft
2	MC62701-077 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-097 [3]	Stab Trim Fwd LH (Electric) (Autopilot)
2	MC62701-069	Rudder Trim Control Forward
1	MC62701-070	Rudder Trim Control Aft
Aileron Cable Kit P/N PCKT-12-AIL		
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-127	Aileron Wing LH and RH
1	MC62701-125	Aileron Balance LH
1	MC62701-126	Aileron Balance RH
Rudder Cable Kit P/N PCKT-12-RUD		
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-12 [1]		
1	MC62701-078 [1]	Stabilator Forward LH
1	MC62701-037 [1]	Stabilator Forward RH
1	MC62701-129 [1]	Stabilator Aft Upper
1	MC62701-080 [1]	Stabilator Aft Lower
PA34-220T		
S/N 34-8133001 thru 34-8633031, 3433001 thru 3433172, 3447001 thru 3449999		
Complete Kit P/N PCKT220T-01		
Qty	**Part Number**	**Location**
1	MC62701-071	Flap
1	MC62701-073	Stabilator Trim Aft
2	MC62701-077 [4]	Stab Trim Fwd LH & RH (Manual)
1	MC62701-097	Stab Trim Fwd LH (Electric) (Autopilot)
2	MC62701-069	Rudder Trim Control Forward
1	MC62701-070	Rudder Trim Control Aft
Aileron Cable Kit P/N PCKT-13-AIL		
2	MC62701-228	Aileron Forward LH and RH
2	MC62701-127	Aileron Wing LH and RH
1	MC62701-125	Aileron Balance LH
1	MC62701-126	Aileron Balance RH
Rudder Cable Kit P/N PCKT-12-RUD		
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
Stabilator Cable Kit P/N PCKT-STAB-12 [1]		
1	MC62701-078 [1]	Stabilator Forward LH
1	MC62701-037 [1]	Stabilator Forward RH
1	MC62701-129 [1]	Stabilator Aft Upper
1	MC62701-080 [1]	Stabilator Aft Lower

Notes:

[1] Stabilator Cable Kits to assist with Piper AD2013-02-13 include cables designated with this P/N, plus (2) each MS21251-B5S Barrels and (10) each MS21256-1 Locking Clips

[2] Included in kits for manual trim aircraft only

[3] Included in kits for electric trim aircraft only

[4] Kits for electric trim aircraft include only one of this part number

Models 19, 23 and 24 Musketeer, Sport, Sundowner
A23-19,19A,M19A,B19,23,A23,A23A,B23,C23, A23-24,A24

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-01-AIL		
1	MCNAS31427-1370	Aileron LH
1	MCNAS31426-1170	Aileron RH
2	MCNAS31427-1131	Aileron
Rudder Cable Kit P/N BCKT-09-RUD		
1	MCNAS31425-1220	Rudder Fwd LH
1	MCNAS31424-1242	Rudder Fwd RH
1	MCNAS31424-0934	Rudder Aft LH
1	MCNAS31425-0931	Rudder Aft RH
Stabilator Cable Kit P/N BCKT-01-STB		
1	MCNAS30245-2053	Stabilator Tab
1	MCNAS31424-0870	Stabilator
1	MCNAS31424-1152	Stabilator
1	MCNAS31425-0820	Stabilator
1	MCNAS31425-1411	Stabilator/Elevator Fwd

Model 24 Musketeer, Sierra
A24R,B24R,C24R

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-13-AIL		
2	MCNAS31427-1180	Aileron
1	MCNAS31427-1370	Aileron LH
1	MCNAS31426-1170	Aileron RH
Rudder Cable Kit P/N BCKT-09-RUD		
1	MCNAS31425-1220	Rudder Fwd LH
1	MCNAS31424-1242	Rudder Fwd RH
1	MCNAS31424-0934	Rudder Aft LH
1	MCNAS31425-0931	Rudder Aft RH
Stabilator Cable Kit P/N BCKT-02-STB		
1	MCNAS31424-1340	Stabilator
1	MCNAS31425-0820	Stabilator
1	MCNAS31425-1345	Stabilator
1	MCNAS31424-0870	Stabilator
1	MCNAS30245-2053	Stabilator Tab

Model 33 Debonair and Bonanza
35-33
Complete Kit P/N BCKT33-01

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-13-ELE		
2	MC33-524000-17	Elevator Fwd
1	MC33-524000-47 2	Elevator Tab
1	MC36-524000-31 2	Elevator Tab LH
1	MC36-524000-29 2	Elevator Tab RH
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator Tab
1	35-524531-2 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-07-RUD		
2	MCNAS30435-1325	Rudder Fwd
2	MC33-524000-31	Rudder Aft

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Model 33 Debonair and Bonanza
35-A33
Complete Kit P/N BCKT33-02

Qty	Part Number	Location
2	MC35-815109	Landing Gear Up Lock
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-14-ELE		
1	MC33-524000-61	Elevator Down
1	MC36-524000-31 2	Elevator Tab LH
1	MC36-524000-29 2	Elevator Tab RH
1	MCNAS30266-3242	Elevator Tab
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator Tab
1	MCNAS30434-1520	Elevator Up
1	35-524351-2 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-07-RUD		
2	MCNAS30435-1325	Rudder Fwd
2	MC33-524000-31	Rudder Aft

Model 33 Debonair and Bonanza
35-B33, 35-C33, 35-C33A, E33
S/N CD-388 thru CD-1234, Except 982, CE-1 thru CE-27
Complete Kit P/N BCKT33-03

Qty	Part Number	Location
1	35-524647-9 4	Indicator Actuating
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-19-ELE		
1	MC33-524000-61	Elevator Down
1	MC33-524001-1 2	Elevator Tab
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator Tab
Rudder Cable Kit P/N BCKT-07-RUD		
2	MCNAS30435-1325	Rudder Fwd
2	MC33-524000-31	Rudder Aft
2	MC35-815109	Landing Gear Up Lock

Model 33 Debonair and Bonanza
35-C33A, E33A, F33, F33A, G33
S/N CE-028 thru CE-315, CD-1235 thru CD-1304
Complete Kit P/N BCKT33-04

Qty	Part Number	Location
2	MC35-815109	Landing Gear Up Lock

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-18-ELE		
1	MC33-524000-61	Elevator Down
1	MC36-524000-31 2	Elevator Tab LH
1	MC36-524000-29 2	Elevator Tab RH
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator Tab
1	MCNAS30434-1520	Elevator Up
1	33-524001-7 4	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-07-RUD		
2	MCNAS30435-1325	Rudder Fwd
2	MC33-524000-31	Rudder Aft
Model 33 Debonair and Bonanza E33C S/N CJ-001 thru CJ-025 Complete Kit P/N BCKT33-13		
2	MC35-815109	Landing Gear Up Lock
2	NAS30435-1325 4	Rudder Fwd
2	35-524000-67 4	Ruddder Aft
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-19-ELE		
1	MC33-524000-61	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator
1	33-524001-7 4	Elevator Tab Control
1	35-524647-9 4	Indicator Actuating
Model 33 Debonair and Bonanza F33A S/N CE-316 thru CE-510 Complete Kit P/N BCKT33-05		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Model 33 Debonair and Bonanza F33A S/N CE-316 thru CE-510 Complete Kit P/N BCKT33-05		
Qty	**Part Number**	**Location**
Elevator Cable Kit (continued on next column) P/N BCKT-15-ELE		
1	MC33-524028	Elevator Down
1	MC33-524029	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH

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Model 33 Debonair and Bonanza continued
F33A
S/N CE-316 thru CE-510
Complete Kit P/N BCKT33-05

Qty	Part Number	Location
Elevator Cable Kit continued P/N BCKT-15-ELE		
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0534	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-08-RUD		
2	MCNAS30435-1321	Rudder Fwd
2	MC33-524000-31	Rudder Aft
Model 33 Debonair and Bonanza F33A S/N CE-511 thru CE-677 Complete Kit P/N BCKT33-06		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
2	MC002-524000-23	Ruddder
1	NAS304-35-1594 4	Rudder
1	NAS304-35-1600 4	Rudder
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-16-ELE		
1	MC33-524029	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0284	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	MC002-524028-3	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Model 33 Debonair and Bonanza F33A S/N CE-678 thru CE-680 Complete Kit P/N BCKT33-07		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
2	MC002-524000-23	Ruddder
1	NAS304-35-1594 4	Rudder
1	NAS304-35-1600 4	Rudder
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Qty	Part Number	Location
Elevator Cable Kit P/N BCKT-17-ELE		
1	MC002-524028-23 2	Elevator Tab
1	MC33-524029	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0204	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Model 33 Debonair and Bonanza F33A S/N CE-681 thru CE-999 Complete Kit P/N BCKT33-08		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
2	MC002-524000-23	Rudder
1	NAS304-35-1594 4	Rudder
1	NAS304-35-1600 4	Rudder
Aileron Cable Kit P/N BCKT-08-AIL		
1	MC35-524314-22 2	Aileron Fuselage
1	MCNAS30422-0255	Aileron
1	NAS304-26-0964 4	Aileron
Model 33 Debonair and Bonanza F33A S/N CE-681 thru CE-999 Complete Kit P/N BCKT33-08		
1	NAS304-66-1035 4	Aileron
2	MCNAS30537-0647	Aileron Aft
2	MCNAS30537-0667	Aileron Fwd
Elevator Cable Kit P/N BCKT-17-ELE		
1	MC002-524028-23 2	Elevator Tab
1	MC33-524029	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0204	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Model 33 Debonair and Bonanza F33C S/N CJ-026 thru CJ-128 Complete Kit P/N BCKT33-09		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
2	MCNAS30435-1325	Rudder Fwd
2	33-524000-67 4	Ruddder Aft
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron Aft
2	MC36-521011-3	Aileron Fwd
1	MC35-524314 2 39	Aileron
Elevator Cable Kit P/N BCKT-18-ELE		
1	MC33-524000-61	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator
1	33-524001-7 4	Elevator Tab Control
1	35-524647-9 4	Indicator Actuating

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Model 33 Debonair and Bonanza F33C S/N CJ-129 thru CJ-999 Complete Kit P/N BCKT33-10		
Qty	**Part Number**	**Location**
2	MC35-815109	Landing Gear Up Lock
2	MCNAS30435-1325	Rudder Fwd
2	33-524000-67 4	Ruddder Aft
Aileron Cable Kit P/N BCKT-08-AIL		
1	MC35-524314-22 2	Aileron Fuselage
1	MCNAS30422-0255	Aileron
1	NAS304-26-0964 4	Aileron
1	NAS304-66-1035 4	Aileron
2	MCNAS30537-0647	Aileron Aft
2	MCNAS30537-0667	Aileron Fwd
Elevator Cable Kit P/N BCKT-18-ELE		
1	MC33-524000-61	Elevator Down
1	MC36-524000-29 2	Elevator Tab RH
1	MC36-524000-31 2	Elevator Tab LH
1	MCNAS30434-1520	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0790	Elevator
1	33-524001-7 4	Elevator Tab Control
1	35-524647-9 4	Indicator Actuating
Model 35 Bonanza S/N D-0001 thru D-0014 Complete Kit P/N BCKT35-15		
Qty	**Part Number**	**Location**
1	35-524174 4	Cable Assy, Fwd Aileron
Aileron Cable Kit P/N BCKT-07-AIL		
1	MCNAS30422-0256	Aileron Fwd LH
1	MCNAS30424-0397	Aileron Center LH
1	MCNAS305-35-0546	Aileron, Upper LH
1	MCNAS305-25-0546	Aileron, Upper RH
1	MCNAS305-34-0514	Aileron, Lower LH
1	MCNAS305-24-0514	Aileron Lower RH
2	MCNAS305-34-0640	Cable
2	MCNAS305-35-0672	Cable
1	MCNAS31415-0152	Aileron Aft LH
1	MCNAS31415-0472	Aileron Aft RH
Elevator Cable Kit P/N BCKT-11-ELE		
1	MC35-524004	Elevator Fwd
4	MCNAS30227-0590	Tab Actuating
1	MCNAS30266-3636	Elevator Trim Tab Fwd
1	MCNAS30425-0082	Elevator Aft
Model 35 Bonanza S/N D-0001 thru D-0014 Complete Kit P/N BCKT35-15		
Qty	**Part Number**	**Location**
1	MCNAS30436-0197	Elevator Aft
1	35-524030 4	Tab Drum
1	35-524294 4	Bungee
1	35-524531-2 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-05-RUD		
1	MCNAS30425-0100	Rudder Aft RH
1	MCNAS30425-0106	Rudder Aft LH
1	MCNAS30433-0255	Rudder Aft
2	MCNAS31414-1875	Rudder Fwd

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane

39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Model 35 Bonanza
S/N D-0015 thru D-1500
Complete Kit P/N BCKT35-01

Qty	Part Number	Location
1	35-524174 [4]	Cable Assy, Fwd Aileron
Aileron Cable Kit P/N BCKT-07-AIL		
1	MCNAS30422-0256	Aileron Fwd LH
1	MCNAS30424-0397	Aileron Center LH
1	MCNAS305-35-0546	Aileron, Upper LH
1	MCNAS305-25-0546	Aileron, Upper RH
1	MCNAS305-34-0514	Aileron, Lower LH
1	MCNAS305-24-0514	Aileron Lower RH
2	MCNAS305-34-0640	Cable
2	MCNAS305-35-0672	Cable
1	MCNAS31415-0152	Aileron Aft LH
1	MCNAS31415-0472	Aileron Aft RH
Elevator Cable Kit P/N BCKT-01-ELE		
1	MC35-524004	Elevator Fwd
4	MCNAS30227-0590	Tab Actuating
1	MCNAS30266-3500	Elevator Trim Tab Fwd
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30436-0197	Elevator Aft
1	35-524030 [4]	Tab Drum
1	35-524294 [4]	Bungee
1	35-524531-2 [4]	Indicator Actuating
Rudder Cable Kit P/N BCKT-05-RUD		
1	MCNAS30425-0100	Rudder Aft RH
1	MCNAS30425-0106	Rudder Aft LH
1	MCNAS30433-0255	Rudder Aft
2	MCNAS31414-1875	Rudder Fwd

Model 35 Bonanza
A35,B35
S/N D-1501 thru D-2680
Complete Kit P/N BCKT35-02

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-06-AIL		
1	MCNAS30422-0256	Aileron Fwd LH
1	MCNAS30424-0610	Aileron Center RH
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0170	Aileron Center
2	MC35-521188	Aileron
2	MC35-521189	Aileron
1	MC35-524314 [2] [39]	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-01-ELE		
4	MCNAS30227-0590	Tab Actuating
1	MCNAS30266-3500	Elevator Trim Tab Fwd
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30436-0197	Elevator Aft
1	MC35-524004	Elevator Fwd
1	35-524030 [4]	Tab Drum
1	35-524294 [4]	Cable Assy, Bungee
1	35-524531-2 [4]	Indicator Actuating
Rudder Cable Kit P/N BCKT-05-RUD A35 S/N D-1501 thru D-2200		
1	MCNAS30425-0100	Rudder Aft RH
1	MCNAS30425-0106	Rudder Aft LH
1	MCNAS30433-0255	Rudder Aft
2	MCNAS31414-1875	Rudder Fwd

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Model 35 Bonanza
C35,D35,E35,F35,G35
S/N D-2681 thru D-4865
Complete Kit P/N BCKT35-03

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL D35,E35		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 [2] [39]	Cable/Chain, Aileron
P/N BCKT-06-AIL C35,F35,G35		
1	MCNAS30422-0256	Aileron Fwd LH
1	MCNAS30424-0610	Aileron Center RH

Model 35 Bonanza
C35,D35,E35,F35,G35
S/N D-2681 thru D-4865
Complete Kit P/N BCKT35-03

Qty	Part Number	Location
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0170	Aileron Center
2	MC35-521188	Aileron
2	MC35-521189	Aileron
1	MC35-524314 [2] [39]	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-02-ELE		
1	MC35-524385	Elevator Fwd
1	MCNAS30266-3500	Elevator Trim Tab Fwd
1	MCNAS30266-3636	Elevator Trim Tab Fwd
4	MCNAS30327-0590	Tab Actuating
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30436-0197	Elevator Aft
1	MC35-524383-4	Cable Assy, Bungee
1	35-524030 [4]	Tab Drum
1	35-524531-2 [4]	Indicator Actuating
Rudder Cable Kit P/N BCKT-05-RUD		
1	MCNAS30425-0100	Rudder Aft RH
1	MCNAS30425-0106	Rudder Aft LH
1	MCNAS30433-0255	Rudder Aft
2	MCNAS31414-1875	Rudder Fwd

Model 35 Bonanza
H35,J35
S/N D-4866 thru D-5725
Complete Kit P/N BCKT35-04

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 [2] [39]	Cable/Chain, Aileron
Elevator Cable Kit (continued on next page) **P/N BCKT-03-ELE**		
1	MCNAS30266-3506	Elevator Trim Tab
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft

Notes:

[1] Partial model eligibility
[2] Cable/chain assembly
[3] Pending FAA-PMA approval
[4] Not available from McFarlane
[39] Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Qty	Part Number	Location
Elevator Cable Kit (continued from previous page)		
P/N BCKT-03-ELE		
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524385	Elevator Fwd
1	MC35-524383-4	Cable Assy, Bungee
1	35-524030 4	Tab Drum
1	35-524531-2 4	Indicator Actuating
Rudder Cable Kit		
P/N BCKT-05-RUD		
1	MCNAS30425-0100	Rudder Aft RH
1	MCNAS30425-0106	Rudder Aft LH
1	MCNAS30433-0255	Rudder Aft
2	MCNAS31414-1875	Rudder Fwd
Model 35 Bonanza		
K35 1		
S/N D-5726 thru D-5727, D-5729 thru D-5747		
Complete Kit P/N BCKT35-05		
Qty	**Part Number**	**Location**
Aileron Cable Kit		
P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit		
P/N BCKT-03-ELE		
1	MC35-524385	Elevator Fwd
1	MCNAS30266-3506	Elevator Trim Tab
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524383-4	Cable Assy, Bungee
1	35-524030 4	Tab Drum
1	35-524531-2 4	Indicator Actuating
Model 35 Bonanza		
K35 1		
S/N D-5726 thru D-5727, D-5729 thru D-5747		
Complete Kit P/N BCKT35-05		
Qty	**Part Number**	**Location**
Rudder Cable Kit		
P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd
Model 35 Bonanza		
K35 1 **,M35**		
S/N D-5728, D-5748 thru D-6561		
Complete Kit P/N BCKT35-06		
Qty	**Part Number**	**Location**
Aileron Cable Kit		
P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit (continued on next column)		
P/N BCKT-04-ELE		
1	MCNAS30266-3506	Elevator Trim Tab
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim

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Qty	Part Number	Location
Elevator Cable Kit (continued from previous column)		
P/N BCKT-04-ELE		
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	35-524030 4	Tab Drum
1	MC35-524383-4	Cable Assy, Bungee
1	MC35-524385-4	Elevator Control Fwd
1	35-524531-2 4	Indicator Actuating
Rudder Cable Kit		
P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd
Model 35 Bonanza		
N35 1		
S/N D-6562 thru D-6841		
Complete Kit P/N BCKT35-07		
Qty	**Part Number**	**Location**
Aileron Cable Kit		
P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit		
P/N BCKT-05-ELE		
1	MCNAS30266-3506	Elevator Trim Tab
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	35-524000-3 4	Elevator
1	35-524030 4	Tab Drum
1	MC35-524383-4	Cable Assy, Bungee
1	35-524531-2 4	Indicator Actuating
Rudder Cable Kit		
P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd
Model 35 Bonanza		
P35		
S/N D-6842 thru D-7309, except D-7140		
Complete Kit P/N BCKT35-09		
Qty	**Part Number**	**Location**
Aileron Cable Kit		
P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Qty	Part Number	Location
Elevator Cable Kit P/N BCKT-06-ELE		
1	MCNAS30266-3506	Elevator Trim Tab
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
Model 35 Bonanza P35 S/N D-6842 thru D-7309, except D-7140 Complete Kit P/N BCKT35-09		
Qty	**Part Number**	**Location**
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524651-1	Elevator
1	35-524030 4	Tab Drum
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd
Model 35 Bonanza S35, V35, V35TC, V35A, V35ATC S/N D-7140 and D-7310 thru D-8840 Complete Kit P/N BCKT35-10		
Qty	**Part Number**	**Location**
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-07-ELE		
1	MCNAS30266-3950	Elevator Trim
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC1781-2	Elevator Trim
1	MC35-524382	Elevator Tab Aft
1	MC35-524651-1	Elevator
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
2	MCNAS31514-1871	Rudder Fwd
1	MCNAS30433-0247	Rudder Aft
Model 35 Bonanza V35A, V35A-TC S/N D-8841 thru D-9068 without Electric Trim Complete Kit P/N BCKT35-16		
Qty	**Part Number**	**Location**
Aileron Cable Kit (continued on next column) P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron

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Qty	Part Number	Location
Aileron Cable Kit (continued from previous column) P/N BCKT-05-AIL		
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-07-ELE		
1	MCNAS30266-3950	Elevator Trim
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC1781-2	Elevator Trim
1	MC35-524382	Elevator Tab Aft
1	MC35-524651-1	Elevator
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH & RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd
Model 35 Bonanza S35, V35, V35TC, V35A, V35ATC S/N D-8841 thru D-9068 with Electric Trim Complete Kit P/N BCKT35-12		
Qty	**Part Number**	**Location**
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
Model 35 Bonanza S35, V35, V35TC, V35A, V35ATC S/N D-8841 thru D-9068 with Electric Trim Complete Kit P/N BCKT35-12		
Qty	**Part Number**	**Location**
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-10-ELE for V35A, V35A-TC w/Electric Trim		
1	MCNAS30266-3950	Elevator Trim
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524670	Elevator Trim Tab
1	MC35-524651-1	Elevator
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH and RH
2	MCNAS31514-1871	Rudder Fwd
1	MCNAS30433-0247	Rudder Aft

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Model 35 Bonanza
V35B, & V35BTC
S/N D-9069 thru D-10119 with Electric Trim
Complete Kit P/N BCKT35-11

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-08-ELE		
1	MCNAS30266-3954	Elevator Trim
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524670	Elevator Trim Tab
1	MC35-524651-1	Elevator
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH & RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd

Model 35 Bonanza
V35B, V35B-TC
S/N D-9069 thru D-10119 without Electric Trim
Complete Kit P/N BCKT35-17

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-05-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0603	Aileron
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	MC35-524314 2 39	Cable/Chain, Aileron
Elevator Cable Kit P/N BCKT-12-ELE		
1	MCNAS30266-3954	Elevator Trim
1	MCNAS30277-1156	Elevator Trim
1	MCNAS30327-0581	Elevator Trim
1	MCNAS30327-0587	Elevator Trim
1	MCNAS30327-0597	Elevator Trim
1	MCNAS30327-0605	Elevator Trim
1	MCNAS30425-0082	Elevator Aft
1	MCNAS30435-2087	Elevator
1	MCNAS30436-0197	Elevator Aft
1	MC35-524382	Elevator Tab Aft
1	MC35-524651-1	Elevator
1	MC35-524383-4	Cable Assy, Bungee
1	35-524647-9 4	Indicator Actuating

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Model 35 Bonanza
V35B, V35B-TC
S/N D-9069 thru D-10119 without Electric Trim
Complete Kit P/N BCKT35-17

Qty	Part Number	Location
Rudder Cable Kit P/N BCKT-06-RUD		
2	MCNAS30425-0106	Rudder Aft LH & RH
1	MCNAS30433-0247	Rudder Aft
2	MCNAS31514-1871	Rudder Fwd

Model 36 Bonanza
36, A36
S/N E-1 thru E-301
Complete Kit P/N BCKT36-01 or BCKTA36-01

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-09-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0703	Aileron LH
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	36-524000-19 4	Chain Assy Single Cntr Wheel
Elevator Cable Kit P/N BCKT-20-ELE		
1	MCNAS30434-1624	Elevator Up
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0534	Elevator Tab
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-29 2	Cable/Chain, Elev. Tab RH
1	MC36-524000-31 2	Cable/Chain, Elev. Tab LH
1	MC36-524000-41	Cable/Chain, Elev.
1	36-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-01-RUD		
2	MCNAS30435-1425	Rudder Fwd
2	MC36-524000-33	Rudder Aft LH & RH

Model 36 Bonanza
A36
S/N E-302 thru E-571
Complete Kit P/N BCKTA36-02

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-09-AIL		
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0703	Aileron LH
1	MCNAS30466-0173	Aileron
2	MC36-521011-1	Aileron
2	MC36-521011-3	Aileron
1	36-524000-19 4	Chain Assy Single Cntr Wheel
Elevator Cable Kit P/N BCKT-20-ELE		
2	MCNAS30435-0564	Elevator
2	MCNAS31237-0534	Elevator Tab
1	MCNAS30434-1624	Elevator Up
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-41	Cable/Chain, Elevator
1	MC36-524000-31 2	Cable/Chain, Elevator Tab LH
1	MC36-524000-29 2	Cable/Chain, Elevator Tab RH
1	36-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-02-RUD		
2	MCNAS30435-1421	Rudder Fwd
2	MC36-524000-33	Rudder Aft LH & RH

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Model 36 Bonanza
A36
S/N E-572 thru E-925
Complete Kit P/N BCKTA36-03

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-10-AIL		
2	MCNAS30537-0667	Aileron
2	MCNAS30537-0647	Aileron
1	MCNAS30422-0255	Aileron
1	MCNAS30426-0703	Aileron LH
1	MCNAS30466-0173	Aileron
1	36-524000-19 4	Cable/Chain, Aileron Fuslg.
Elevator Cable Kit P/N BCKT-21-ELE		
1	MCNAS30434-1624	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0284	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-29 2	Cable/Chain Elev. Tab RH
1	MC36-524000-31 2	Cable/Chain, Elev. Tab LH
1	MC002-524028-9 4	Elevator Tab
1	002-524028-1 4	Cable Assy, Elev. Control
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-03-RUD		
1	MCNAS30435-1703	Rudder Fwd LH
1	MCNAS30435-1696	Rudder Fwd RH
2	MC002-524000-23	Rudder Control Aft

Model 36 Bonanza
A36
S/N E-926 thru E-937
Complete Kit P/N BCKTA36-04

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-11-AIL		
1	MCNAS30566-1035	Aileron
2	MCNAS30537-0647	Aileron
1	MCNAS30422-0255	Aileron Aft
2	MCNAS30537-0667	Aileron Fwd
1	MCNAS30426-1064	Aileron LH
1	MC35-524314-12	Cable/Chain, Aileron Fuslg.
Elevator Cable Kit P/N BCKT-21-ELE		
1	MCNAS30434-1624	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0284	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-29 2	Cable/Chain, Elev. Tab RH
1	MC36-524000-31 2	Cable/Chain, Elev. Tab LH
1	MC002-524028-9 4	Elevator Tab
1	MC45-526011-7	Chain
1	35-524647-9 4	Indicator Actuating
1	MC002-524028-9 4	Cable Assy, Elev. Control
Rudder Cable Kit P/N BCKT-03-RUD		
1	MCNAS30435-1703	Rudder Fwd LH
1	MCNAS30435-1696	Rudder Fwd RH
2	MC002-524000-23	Rudder Control Aft

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Model 36 Bonanza
A36
S/N E-938 thru E1945, E-1947 thru E-2103, E-2105 thru E-2110
Complete Kit P/N BCKTA36-05

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-11-AIL		
1	MC35-524314-12	Cable/Chain, Aileron Fuslg.
1	MCNAS30422-0255	Aileron
1	MCNAS30426-1064	Aileron LH
2	MCNAS30537-0647	Aileron Aft
2	MCNAS30537-0667	Aileron Fwd
1	MCNAS30566-1035	Aileron
Elevator Cable Kit P/N BCKT-22-ELE		
1	MC002-524028-9	Cable, Elevator Tab
1	MC002-524028-21	Cable/Chain, Elev. Tab
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-29 2	Cable/Chain, Elev. Tab RH
1	MC36-524000-31 2	Cable/Chain, Elev. Tab LH
1	MCNAS30434-1624	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0204	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	35-524647-9 4	Indicator Actuating
Rudder Cable Kit P/N BCKT-03-RUD		
1	MCNAS30435-1696	Rudder Fwd RH
2	MC002-524000-23	Rudder Aft
1	MCNAS30435-1703	Rudder Fwd LH

Model 36 Bonanza
A36
S/N E-1946, E-2104, E-2111 thru E-3629, E-3631 thru E-3635
Complete Kit P/N BCKTA36-06

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-12-AIL		
1	MC106-524019-47	Cable/Chain, Aileron Tab
1	MC106-524044-19	Aileron
1	MC106-524044-21	Aileron
1	MC106-524044-3	Aileron
1	MC106-524045-5	Aileron
1	MC106-524031-1	Cable/Chain Aileron Tab
1	MC106-524043-11	Aileron Aft LH
1	MC106-524043-5	Aileron Aft RH
2	MC106-524043-7	Aileron Fwd LH & RH
Elevator Cable Kit P/N BCKT-23-ELE		
1	MC106-524020-57	Cable/Chain, Elevator Tab
1	MC106-524046-7	Elevator Tab Nose Down
1	MC106-524046-9	Elevator Tab Nose Up
1	MC106-524049-1	Elevator Up Fwd
1	MC106-524049-9	Elevator Down Fwd
1	MC106-524050-1	Elevator Up Aft
1	MC106-524050-3	Elevator Down Aft
1	MC36-524000-63	Cable/Chain, Elev. Tab RH
1	MC36-524000-69	Cable/Chain, Elev. Tab LH
Rudder Cable Kit P/N BCKT-04-RUD		
1	MC106-524051-5	Rudder RH
1	MC106-524051-7	Rudder LH
1	MC36-524079-5	Rudder Aft RH
1	MC36-524079-7	Rudder Aft LH

Notes:

1 Partial model eligibility
2 Cable/chain assembly
3 Pending FAA-PMA approval
4 Not available from McFarlane
39 Due to potential variances in original cable lengths, measure the cable before purchasing. MC35-524314 cable chain assembly includes a long cable MC35-524314-6 at 101", a length of chain, and a short cable MC35-524314-8 at 12.5". Some short cable removed from aircraft are 13" in length, with no indication from the IPC to identify which models will be affected. Before purchasing, verify the short cable length. If the terminal eye to eye is 13", purchase the long version of the cable MC35-524314L.

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Model 36 Bonanza
A36TC, B36TC
S/N EA-001 thru EA-319, EA-321 thru EA-388
Complete Kit P/N BCKT36TC-01

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-11-AIL		
1	MCNAS30566-1035	Aileron
2	MCNAS30537-0647	Aileron
1	MCNAS30422-0255	Aileron Aft
2	MCNAS30537-0667	Aileron Fwd
1	MCNAS30426-1064	Aileron LH
1	MC35-524314-12	Cable/Chain, Aileron Fuslg.
Elevator Cable Kit P/N BCKT-22-ELE		
1	MC002-524028-9	Cable, Elevator Tab
1	MC002-524028-21	Cable/Chain, Elev. Tab
1	MC36-524000-23	Elevator Fwd
1	MC36-524000-29 [2]	Cable/Chain, Elev. Tab RH
1	MC36-524000-31 [2]	Cable/Chain, Elev. Tab LH
1	MCNAS30434-1624	Elevator Up
2	MCNAS30435-0564	Elevator
1	MCNAS31237-0204	Elevator Tab
1	MCNAS31237-0520	Elevator Tab
1	35-524647-9 [4]	Indicator Actuating
Rudder Cable Kit P/N BCKT-03-RUD		
2	MC002-524000-23	Rudder Aft
1	MCNAS30435-1696	Rudder Fwd RH
1	MCNAS30435-1703	Rudder Fwd LH

Model 36 Bonanza
B36TC
S/N EA-320, EA-389 thru EA-999
Complete Kit P/N BCKT36TC-03

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-12-AIL		
1	MC106-524019-47	Cable/Chain, Aileron Tab
1	MC106-524031-1	Cable/Chain, Aileron Tab
1	MC106-524043-11	Aileron Aft LH
1	MC106-524043-5	Aileron Aft RH
2	MC106-524043-7	Aileron Fwd LH & RH
1	MC106-524044-19	Aileron
1	MC106-524044-21	Aileron
1	MC106-524044-3	Aileron
1	MC106-524045-5	Aileron
Elevator Cable Kit P/N BCKT-23-ELE		
1	MC106-524020-57	Cable/Chain, Elevator Tab
1	MC106-524046-7	Elevator Tab Nose Down
1	MC106-524046-9	Elevator Tab Nose Up
1	MC106-524049-1	Elevator Up Fwd
1	MC106-524049-9	Elevator Down Fwd
1	MC106-524050-1	Elevator Up Aft
1	MC36-524000-69	Cable/Chain, Elev. Tab LH
1	MC106-524050-3	Elevator Down Aft
1	MC36-524000-63	Cable/Chain, Elev. Tab RH
Rudder Cable Kit P/N BCKT-04-RUD		
1	MC106-524051-7	Rudder LH
1	MC106-524051-5	Rudder RH
1	MC36-524079-5	Rudder Aft RH
1	MC36-524079-7	Rudder Aft LH

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Model 36 Bonanza
G36
S/N E-3630, E-3636 thru-9999
Complete Kit P/N BCKTG36-01

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-12-AIL		
1	MC106-524019-47	Cable/Chain, Aileron Tab
1	MC106-524031-1	Cable/Chain, Aileron Tab
1	MC106-524043-11	Aileron Aft LH
1	MC106-524043-5	Aileron Aft RH
2	MC106-524043-7	Aileron Fwd LH & RH
1	MC106-524044-19	Aileron
1	MC106-524044-21	Aileron
1	MC106-524044-3	Aileron
1	MC106-524045-5	Aileron
Elevator Cable Kit P/N BCKT-23-ELE		
1	MC106-524020-57	Cable/Chain, Elevator Tab
1	MC106-524046-7	Elevator Tab Nose Down
1	MC106-524046-9	Elevator Tab Nose Up
1	MC106-524049-1	Elevator Up Fwd
1	MC106-524049-9	Elevator Down Fwd
1	MC106-524050-1	Elevator Up Aft
1	MC36-524000-69	Cable/Chain, Elev. Tab LH
1	MC106-524050-3	Elevator Down Aft
1	MC36-524000-63	Cable/Chain, Elev. Tab RH

Model 36 Bonanza
G36
S/N E-3630, E-3636 thru-9999
Complete Kit P/N BCKTG36-01

Qty	Part Number	Location
Rudder Cable Kit P/N BCKT-04-RUD		
1	MC36-524079-5	Rudder Aft RH
1	MC36-524079-7	Rudder Aft LH
1	MC106-524051-7	Rudder LH
1	MC106-524051-5	Rudder RH
1	MC106-524043-5	Aileron Aft RH
1	MC106-524043-11	Aileron Aft LH

Model 50 Twin Bonanza
D50[1](DH-144 thru DH-154),
D50B,D50C,D50E,E50,F50,H50,J50,
G50[1](GH-95 thru GH-119)

Qty	Part Number	Location
1	MCNAS30635-1172	Aileron

Model 55
95-55,95-A55

Qty	Part Number	Location
Aileron Cable Kit P/N BCKT-02-AIL		
1	MCNAS30555-1043	Aileron
1	MCNAS30534-0652	Aileron Fwd
1	MCNAS305-35-0672	Cable
Elevator Cable Kit P/N BCKT-24-ELE 95-55 S/N All, 95-A55 S/N TC-191 thru TC-379		
1	MCNAS31237-0302	Elevator Tab Down
1	MCNAS31237-0323	Elevator Tab Up
2	MCNAS30435-0564	Elevator
1	MCNAS30444-3507	Elevator
Rudder Cable Kit P/N BCKT-10-RUD		
1	MCNAS30534-1594	Rudder Fwd RH
1	MCNAS30534-1600	Rudder Fwd LH

Notes:
[1] Partial model eligibility
[2] Cable/chain assembly
[3] Pending FAA-PMA approval
[4] Not available from McFarlane

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Model 55
95-B55, 95-B55A

Qty	Part Number	Location
Aileron Cable Kit		
P/N BCKT-02-AIL		
1	MCNAS30555-1043	Aileron
1	MCNAS30534-0652	Aileron Fwd
1	MCNAS305-35-0672	Cable
Elevator Cable Kit		
P/N BCKT-24-ELE		
S/N TC-503 thru TC-1607		
P/N BCKT-26-ELE		
S/N TC-1608 thru TC-2023		
P/N BCKT-27-ELE		
S/N TC-2024 thru TC-2024		
P/N BCKT-28-ELE		
S/N TC-2405 thru TC-2430		
P/N BCKT-29-ELE		
S/N TC-2431 thru TC-2456		
	MCNAS30435-0564 [6]	Elevator
	MCNAS30435-0568 [7]	Elevator Aft
	MCNAS30435-0570 [8]	Elevator Aft
	MCNAS30444-3507 [5]	Elevator
	MCNAS31237-0222 [10]	Elevator Trim
	MCNAS31237-0302 [11]	Elevator Tab Down
	MCNAS31237-0323	Elevator Tab Up
Rudder Cable Kit		
P/N BCKT-10-RUD		
S/N TC-502 thru TC-1607		
P/N BCKT-11-RUD		
S/N TC-1608 thru TC-2456		
	MCNAS30277-4040 [5]	Rudder Tab
	MCNAS30534-1594	Rudder Fwd RH
	MCNAS30534-1600	Rudder Fwd LH

Model 55
95-C55, 95-C55A

Qty	Part Number	Location
Aileron Cable Kit		
P/N BCKT-02-AIL		
	MCNAS30555-1043	Aileron
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable
Elevator Cable Kit		
P/N BCKT-30-ELE		
S/N TC-350, TE-1 thru TE-451		
	MCNAS30435-0564 [12]	Elevator
	MCNAS30444-3511	Elevator
	MCNAS31237-0302	Elevator Tab Down
	MCNAS31237-0323	Elevator Tab Up
Rudder Cable Kit		
P/N BCKT-10-RUD		
S/N TC-350, TE-1 thru TE-451		
	MCNAS30534-1594 [12]	Rudder Fwd RH
	MCNAS30534-1600 [12]	Rudder Fwd LH

Model 55
D55

	Part Number	Location
Aileron Cable Kit		
P/N BCKT-02-AIL		
	MCNAS30555-1043	Aileron
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

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Elevator Cable Kit

P/N BCKT-30-ELE
S/N TE-452 thru TE-633

P/N BCKT-31-ELE
S/N TE-634 thru TE-767

	MCNAS30435-0564	Elevator
	MCNAS30444-3511	Elevator
	MCNAS31237-0302	Elevator Tab Down
	MCNAS31237-0323	Elevator Tab Up
	MCNAS31237-0843 [9]	Electric Trim

Rudder Cable Kit
P/N BCKT-10-RUD

	MCNAS30534-1594	Rudder Fwd RH
	MCNAS30534-1600	Rudder Fwd LH

Model 55
E55, E55A

	Part Number	Location
Aileron Cable Kit		
P/N BCKT-02-AIL		
	MCNAS30555-1043	Aileron
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable
Elevator Cable Kit		
P/N BCKT-32-ELE		
S/N TE-768 thru TE-937 and TE-939 thru TE-942		
P/N BCKT-34-ELE		
S/N TE-943 thru TE-1086		
P/N BCKT-35-ELE		
S/N TE-1087 thru TE-1192		
P/N BCKT-36-ELE		
S/N TE-1193 thru TE-1196		
P/N BCKT-37-ELE		
S/N TE-1197 thru TE-9999		
	MCNAS30435-0564 [14]	Elevator
	MCNAS30435-0568 [15]	Elevator Aft
	MCNAS30435-0570 [16]	Elevator Aft
	MCNAS30444-3511 [17]	Elevator
	MCNAS31237-0222 [18]	Elevator Trim
	MCNAS31237-0302 [19]	Elevator Tab Down
	MCNAS31237-0323	Elevator Tab Up
	MCNAS31237-0843	Electric Trim
Rudder Cable Kit		
P/N BCKT-10-RUD		
S/N TE-768 thru TE-937, TE-939 thru TE-942, TE-943 thru TE-1201		
	MCNAS30277-4040 [13]	Rudder Tab
	MCNAS30534-1594	Rudder Fwd RH
	MCNAS30534-1600	Rudder Fwd LH

Notes:
[1] Partial model eligibility
[2] Cable/chain assembly
[3] Pending FAA-PMA approval
[4] Not available from McFarlane
[5] TC-1608 thru TC-2456
[6] TC-371 thru TC-2404
[7] TC-2405 thru TC-2430
[8] TC-2431 thru TC-2456
[9] TE-633 thru TE-76
[10] TC-2024 thru TC-2456
[11] TC-371 thru TC-2023
[12] Not required for S/N TC-350
[13] TE-938, TE-943 thru TE-1201
[14] TE-768 thru TE-1192
[15] TE-1193 thru TE-1196
[16] TE-1197 thru TE-1201
[17] TE-768 thru TE-937, TE-939 thru TE-942
[18] TE-1087 thru TE-1201
[19] TE-768 thru TE-1086

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Model 56 Baron
56TC,A56TC

	Part Number	Location
Aileron Cable Kit P/N BCKT-02-AIL		
	MCNAS30555-1043	Aileron
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable
Elevator Cable Kit P/N BCKT-38-ELE		
	MCNAS30435-0564	Elevator
	MCNAS31237-0302	Elevator Tab Down
	MCNAS31237-0342	Elevator Tab Up
	MCNAS30277-4040	Rudder Tab

Model 58 Baron
58, 58A

	Part Number	Location
Aileron Cable Kit P/N BCKT-02-AIL		
	MCNAS30555-1043	Aileron
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable
Elevator Cable Kit		
P/N BCKT-39-ELE S/N TH-1 thru TH-789		
P/N BCKT-40-ELE S/N TH-790 thru TH-1274		
P/N BCKT-41-ELE S/N TH-1275 thru TH-1314		
P/N BCKT-42-ELE S/N TH-1315 thru TH-1388 and TH-1390 thru TH-1395		
P/N BCKT-43-ELE S/N TH-1389, TH-1396 thru TH-2124		
	MC106-524049-1 [20]	Elevator Up Fwd
	MC106-524049-9 [20]	Elevator Down Fwd

Model 58 Baron
58, 58A

	Part Number	Location
	MC106-524050-1 [20]	Elevator Up Aft
	MC106-524050-3 [20]	Elevator Down Aft
	MCNAS30435-0564 [22]	Elevator
	MCNAS30435-0568 [23]	Elevator Aft
	MCNAS30435-0570 [24]	Elevator Aft
	MCNAS31237-0222 [25]	Elevator Trim
	MCNAS31237-0302 [26]	Elevator Tab Down
	MCNAS31237-0523 [21]	Elevator Trim Up
	MCNAS31237-0843	Electric Trim
Rudder Cable Kit P/N BCKT-12-RUD S/N TH-1 thru TH-1388, TH-1390 thru TH-1395		
	MCNAS30277-4240 [21]	Rudder Tab
	MCNAS30534-1696 [21]	Rudder RH
	MCNAS30534-1703 [21]	Rudder LH

Model 58 Baron
58P

	Part Number	Location
	MCNAS30555-1043 [28]	Aileron
Elevator Cable Kit P/N BCKT-33-ELE S/N TJ-436, TJ-444 thru TJ-497		
	MC106-524049-1 [27]	Elevator Up Fwd
	MC106-524049-9 [27]	Elevator Down Fwd
	MCNAS30435-0564 [28]	Elevator
Rudder Cable Kit P/N BCKT-13-RUD S/N TJ-3 thru TJ-435, TJ-437 thru TJ-443		
	MCNAS30534-1696 [28]	Rudder RH
	MCNAS30534-1703 [28]	Rudder LH

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Model 58 Baron
58TC

	Part Number	Location
	MC106-524049-1 [29]	Elevator Up Fwd
	MC106-524049-9 [29]	Elevator Down Fwd
	MCNAS30435-0564 [31]	Elevator
	MCNAS30555-1043 [32]	Aileron
Rudder Cable Kit P/N BCKT-12-RUD S/N TK-53 thru TK-146, TK-148 thru TK-150		
P/N BCKT-13-RUD S/N TK-1 thru TK-52		
	MCNAS30277-4240 [30]	Rudder Tab
	MCNAS30534-1696 [31]	Rudder RH
	MCNAS30534-1703 [32]	Rudder LH

Model 60 Duke
B60

	Part Number	Location
	MCNAS30534-0652	Aileron Fwd
	MCNAS305-35-0672	Cable

Model 76 Duchess
76

	Part Number	Location
Rudder Cable Kit P/N BCKT-14-RUD		
1	MCNAS31425-1220	Rudder Fwd LH
1	MCNAS31424-1242	Rudder Fwd RH
Stabilator Cable Kit P/N BCKT-03-STB		
1	MCNAS31424-1152	Stabilator
1	MCNAS31425-1411	Stabilator/Elevator Fwd

Model 90 King Air
65-90,65-A90,C90,C90A, C90B[1] (LJ-1288 thru LJ-1305, LJ-1307 thru LJ-1315, LJ-1317, LJ-1319, LJ-1367 thru LJ-1755), C90GT,E90

	Part Number	Location
	MCNAS30635-1172	Aileron

Model 90 King Air
F90

	Part Number	Location
	MCNAS30266-1814	Elevator Tab
	MCNAS30277-1700	Elevator Tab
	MCNAS30635-1172	Aileron

Model 100 King Air
100,A100,B100

	Part Number	Location
	MC99-524015	Aileron Tab
	MCNAS30635-1172	Aileron
Aileron Cable Kit P/N BCKT-03-AIL		
	MC101-524088-1	Aileron Tab
	MCNAS30635-1172	Aileron
	MC1781-1 [33][34]	Elevator Tab
	MCNAS30266-1814	Elevator Tab
	MCNAS30277-1700 [34]	Elevator Tab

Notes:
[1] Partial model eligibility
[20] TH-1389, TH-1396 thru TH-2124
[21] TH-1 thru TH-1388, TH-1390 thru TH-1395
[22] TH-1 thru TH-1274
[23] TH-1275 thru TH-1314
[24] TH-1315 thru TH-1388, TH-1390 thru TH-1395
[25] TH-790 thru TH-1388, TH-1390 thru TH-1395
[26] TH-1 thru TH-789
[27] TJ-436, TJ-444 thru TJ-497
[28] TJ-3 thru TJ-435, TJ-437 thru TJ-443
[29] TK-147, TK-151
[30] TK-53 thru TK-146, TK-148 thru TK-150
[31] Not required for S/N TK-151
[32] Not required for S/N TK-147 or TK-151
[33] Replaces: (1) NAS302-67-6643, (2) 35-524288 Stop Screw, and (2) 35-524287 Stop Nut
[34] Model 200 S/N BB-39 thru BB-912

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Model 300 King Air
300,300LW, B300, B300C 1 (All except FN-1)

Part Number	Location
Aileron Cable Kit P/N BCKT-04-AIL	
MCNAS30624-1176	Aileron
MCNAS30635-1172	Aileron
Elevator Cable Kit P/N BCKT-47-ELE	
MCNAS30266-1814	Elevator Tab
MCNAS30267-6643	Elevator Tab
MCNAS30277-1700	Elevator Tab

Model 1900 Airliner
1900,1900C 1 (UB-1 thru UB-74)

Part Number	Location
Aileron Cable Kit P/N BCKT-04-AIL	
MCNAS30624-1176	Aileron
MCNAS30635-1172	Aileron
Elevator Cable Kit P/N BCKT-45-ELE	
MCNAS30266-1312	Elevator Tab
MCNAS30277-1307	Elevator

Model 45 and T-34
A45 (T-34A), D45 (T-34B)

Part Number	Location
MCNAS305-34-0640	Aileron
MCNAS305-35-0672	Aileron
MCNAS305-25-0546	Aileron
MCNAS305-35-0546	Aileron
MCNAS305-24-0514	Aileron
MCNAS305-34-0514	Aileron
MCNAS305-34-0826 36	Elevator
MCNAS305-35-0576	Elevator
MCNAS305-34-0996 36	Elevator
MCNAS305-35-0564	Elevator Aft
MCNAS305-34-1010 35	Elevator Fwd
MCNAS305-34-0840 35	Elevator Fwd
MCNAS304-34-1271	Rudder
MCNAS304-35-0712	Rudder
MCNAS304-33-0311 37	Rudder
MCNAS304-34-1116 37	Rudder

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Model T-34
T-34C, 34C, T-34C-1

Part Number	Location
MCNAS305-34-0640	Aileron
MCNAS305-35-0672	Aileron
MCNAS305-25-0546 38	Aileron
MCNAS305-35-0546 38	Aileron
MCNAS305-24-0514 38	Aileron
MCNAS305-34-0514 38	Aileron
MC104-524023-3	Aileron Trim
MC104-524023-5	Aileron Trim
MCNAS305-35-0996	Elevator
MCNAS305-34-0826	Elevator
MCNAS305-34-0564	Elevator
MCNAS305-35-0576	Elevator
MC104-524020-9	Elevator Trim
MC104-524020-11	Elevator Trim
MC104-524046-3	Elevator Trim
MC104-524046-5	Elevator Trim
MC104-524021-3	Rudder Trim
MC104-524021-5	Rudder Trim
MC104-524022-3	Rudder Trim
MC104-524022-7	Rudder Trim

Notations:
1 Partial model eligibility
36 For model D45 (T-34B) only
37 For aircraft with Beechcraft Kit 45-322A installed
38 For model T-34C only

Beech cables are coated with a modified MIL-PRF-16173 compound, which provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil.

Custom Fabricated Cables

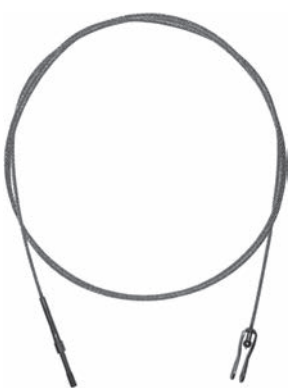
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1/16	1X19	•	
	7X7	•	•
	7X19	•	•
1/8	7X19	•	•
1/4	7X19	•	•
3/32	1X19	•	
	7X7	•	•
	7X19	•	•
3/16	7X19		•
3/8	7X19	•	•
5/32	7X19	•	•
5/16	7X19	•	•

Pulleys

MCS378- Series: Phenolic flight control pulleys with ball bearings. FAA-PMA replacements for Cessna S378, A-/BB-, NAS383- pulleys

MS20219- Series: Pulley with high pressure laminated phenolic sheave and fixed ball bearing with contact seal. (These supersede the AN219- Series pulleys of like dash number)

MS20219A- Series: Pulley with aluminum alloy sheave and fixed ball bearing with contact seal. Sheave anodized per MIL-A-8625

MS20220- Series: Phenolic flight control pulleys with ball bearings. These supersede AN220- Series pulleys of like dash number

MS24566- Series: Phenolic flight control pulleys with ball bearings. These supersede AN210- series pulleys of like dash number

NAS383- Series: Phenolic commercial grade pulleys with graphite bronze sleeve bearings. Typically used with a bushing. MCS378- series pulleys supersede these for most Cessna aircraft applications. The MCS378 pulley replaces both NAS383 pulley and its bushing

S394, S1052-1, S1710-1: Cessna nylon pulleys with no bearings

S378-4S: Cessna pulley similar to S378-4 but smaller diameter. Used on 177RG, S/N 177RG0202 and on, and F177RG0038 and on for routing stabilator, stabilator trim, and rudder cables. (Six required per aircraft)

1660433- Series: Cessna phenolic pulleys with ball bearings



MCS378 Series



MS20219 Series

Part Number	Cable Diameter	Outside Diameter	Groove Diameter	Bore Diameter	Pulley Width	Hub Width	Load Limit	Superseded by
A-114	3/16	3.500	2.875	0.380	0.443	----	---	MCS378-4 1
A-124	3/32	2.500	2.000	0.255	0.270	----	---	MCS378-2 1
A-130	3/16	2.000	1.375	0.380	0.433	----	---	MCS378-3 1
AN210-1A	1/16, 5/64, 3/32	1.250	----	0.1900	0.250	0.297	185	MS24566-1B 2
AN210-2A	1/16, 5/64, 3/32	2.500	----	0.1900	0.250	0.297	500	MS24566-2B 2
AN210-3A	1/8, 5/32, 3/16	2.000	----	0.2500	0.422	0.484	450	MS24566-3B 2
AN210-4A	1/8, 5/32, 3/16	3.500	----	0.2500	0.422	0.484	1200	MS24566-4B 2
AN210-1B	1/16, 5/64, 3/32	1.250	0.972	0.1900	0.250	0.297	300	MS24566-1B
AN210-2B	1/16, 5/64, 3/32	2.500	2.222	0.1900	0.250	0.297	500	MS24566-2B
AN210-3B	1/8, 5/32, 3/16	2.000	1.510	0.2500	0.422	0.484	600	MS24566-3B
AN210-4B	1/8, 5/32, 3/16	3.500	3.010	0.2500	0.422	0.484	1200	MS24566-4B
AN210-5B	3/16, 7/32, 1/4	5.000	4.374	0.3750	0.500	0.620	3000	MS24566-5B
AN220-1	1/8, 5/32, 3/16	1.755	1.255	0.3125	0.422	0.625	500	MS20220-1
AN220-2	1/8, 5/32, 3/16	3.005	2.505	0.3125	0.422	0.625	1680	MS20220-2
AN220-3	1/8, 5/32, 3/16	4.255	3.755	0.3125	0.422	0.625	2500	MS20220-3
AN220-4	1/8, 5/32, 3/16	5.505	5.005	0.3125	0.422	0.625	2500	MS20220-4
BB-208	-----					----	---	MCS378-3 1
MCS378-1	1/16, 5/64, 3/32	1.250	0.972	0.1900	0.250	0.297	300	
MCS378-2	1/16, 5/64, 3/32	2.500	2.222	0.1900	0.250	0.297	500	
MCS378-3	1/8, 5/32, 3/16	2.000	1.510	0.2500	0.422	0.484	600	
MCS378-4	1/8, 5/32, 3/16	3.500	3.010	0.2500	0.422	0.484	1200	
MCS378-5	3/16, 7/32, 1/4	5.000	4.374	0.3750	0.500	0.620	3000	
MS20219-1, MS20219A1	1/16, 3/32	1.312	1.000	0.2500	0.310	0.438	480	
MS20219-2, MS20219A2	1/16, 3/32	1.750	1.438	0.2500	0.310	0.438	480	
MS20219-3, MS20219A3	1/16, 3/32	1.750	1.438	0.6250	0.310	0.438	480	
MS20219-4, MS20219A4	1/16, 3/32	2.625	2.312	0.2500	0.310	0.438	920	
MS20219-5, MS20219A5	1/16, 3/32	2.625	2.312	0.6250	0.310	0.438	920	
MS20220-1	1/8, 5/32, 3/16	1.755	1.255	0.3125	0.422	0.625	500	
MS20220-2	1/8, 5/32, 3/16	3.005	2.505	0.3125	0.422	0.625	1680	
MS20220-3	1/8, 5/32, 3/16	4.255	3.755	0.3125	0.422	0.625	2500	
MS20220-4	1/8, 5/32, 3/16	5.505	5.005	0.3125	0.422	0.625	2500	
MS24566-1B	1/16, 5/64, 3/32	1.250	0.972	0.1900	0.250	0.297	300	
MS24566-2B	1/16, 5/64, 3/32	2.500	2.222	0.1900	0.25	0.297	500	
MS24566-3B	1/8, 5/32, 3/16	2.000	1.510	0.2500	0.422	0.484	600	
MS24566-4B	1/8, 5/32, 3/16	3.500	3.010	0.2500	0.422	0.484	1200	
MS24566-5B	3/16, 7/32, 1/4	5.000	4.374	0.3750	0.500	0.620	3000	
NAS383-1	3/32	1.250	0.875	0.255	0.270	----	---	
NAS383-2	3/32	2.500	2.000	0.255	0.270	----	---	MCS378-2 1
NAS383-3	3/16	2.000	1.375	0.380	0.443	----	---	MCS378-3 1
NAS383-4	3/16	3.500	2.875	0.380	0.443	----	---	MCS378-4 1
S378-1 and -1L	1/16, 5/64, 3/32	1.250	0.972	0.1900	0.250	0.297	300	MCS378-1 1
S378-2	1/16, 5/64, 3/32	2.500	2.222	0.1900	0.250	0.297	500	MCS378-2 1
S378-3 and -3L	1/8, 5/32, 3/16	2.000	1.510	0.2500	0.422	0.484	600	MCS378-3 1
S378-4	1/8, 5/32, 3/16	3.500	3.010	0.2500	0.422	0.484	1200	MCS378-4 1
S378-4S	1/8, 5/32, 3/16	~3.0	~2.5	0.2500	0.422	0.484	?	
S378-5	3/16, 7/32, 1/4	5.000	4.374	0.3750	0.500	0.620	3000	MCS378-5 1
S394	-------	1.000	0.750	0.250	0.410	0.420	----	
S1052-1	-------	1.060	0.560	0.250	0.690	0.750	----	
S1710-1	-------	0.750	0.560	0.250	0.410	0.410	----	
1660433-1	-------	1.250	1.000	0.190	0.250	0.300	----	
1660433-2	-------	2.250	2.250	0.190	0.250	0.300	----	

Notes:

1 Cessna aircraft only

2 Not official supersedure. They are dimensionally identical except the MS24566 pulleys have superior bearings.

The listed dimensions and loads are for reference and identification only and are not guaranteed to be accurate.

Pulleys and Pulley Kits for Cessna Aircraft

We stock all pulleys required for Cessna single engine aircraft. Our MCS378 series pulleys replace the AN, NAS and S378 series pulleys commonly used on Cessna aircraft. Pulley kits are available that contain all of the pulleys and cotter pins required for one aircraft.

Improved Bearings

All MCS378 series FAA-PMA pulleys used in our McFarlane pulley kits feature high quality sealed precision ball bearings. This style of bearing is far superior to low grade, open seal bearings used in the cheap Cessna S378-()L light duty series pulleys that they replace.



Available Pulley Part Numbers

1660433-1, 1660433-2, AN210-1B, AN210-2B, AN210-3B, AN210-4B, AN210-5B, AN220-1, AN220-2, AN220-3, AN220-4, MCS378-1, MCS378-2, MCS378-3, MCS378-4, MCS378-5, MS20219-1, MS20219-2, MS20219-3, MS20219-4, MS20219-5, MS20219A1, MS20219A2, MS20219A3, MS20219A4, MS20219A5 MS20220-1, MS20220-2, MS20220-3, MS20220-4, MS24566-1B, MS24566-2B, MS24566-3B, MS24566-4B, MS24566-5B, NAS383-1, NAS383-2, NAS383-3, NAS383-4, S1052-1, S1710-1, S378-4S, S394

Our Pulley Oil will not dry out or get sticky! See next page.





McFarlane Pulleys Available	
P/N [1]	**Replaces Cessna Part Number [1]**
MCS378-1	S378-1 and S378-1L
MCS378-2	S378-2, A124, AN210-2B and NAS383-2
MCS378-3	S378-3, S378-3L, A130, AN210-3B ,BB-208, NAS383-3
MCS378-4	S378-4, A114, AN210-4B and NAS383-4
MCS378-5	S378-5

Notes:
[1] Installer should verify applicability from their specific aircraft illustrated parts catalog prior to installation.

Cotter Pins

Pulleys and cotter pins available as convenient kits! Both can also be purchased separately

Cotter Pins can be purchased in quantities of 10 or 25 each depending on part number. Cotter Pins available: MS24665-132, MS24665-134, MS24665-138, MS24665-140, MS24665-143, MS24665-144, MS24665-155, MS24665-170, MS24665-24, MS24665-281, MS24665-283, MS24665-285, MS24665-287, MS24665-289, MS24665-292, MS24665-295, MS24665-353, MS24665-355, MS24665-357, MS24665-360, MS24665-5, MS24665-7, MS24665-71.



			Quantity per kit (kits include cotter pins)						
Model	**Serial Number**	**Kit P/N**	**MCS378-1**	**MCS378-2**	**MCS378-3**	**MCS378-4**	**MCS378-5**	**S394**	**Other Pulleys**
120/140	8000 thru 15075	PULL-KT-01	8	2	10	10		1	
140A	15200 thru 15724	PULL-KT-02		2	8	12		1	(8) NAS383-1
150	17001 thru 59018	PULL-KT-03	8	13	10	12		3	
150A,B,C	15059019 thru 15060087	PULL-KT-04	8	13	10	10		3	
150D,E[1]	15060088 thru 15061083	PULL-KT-05	8	13	10	4		1	(6) MS20220-2
150E[1]	15061084 thru 15061532	PULL-KT-06	8	13	10	4			(6) MS20220-2
150F,G	15061533 thru 15067198	PULL-KT-07	10	10	13	4			(7) MS20220-2
150H	15067199 thru 15069308	PULL-KT-08	14	10	13	4			(7) MS20220-2
150J	15069309 thru 15071128	PULL-KT-09	14	8	13	4			(7) MS20220-2
150K,L[1]	15071129 thru 15074399	PULL-KT-10	14	8	13	4			(7) MS20220-2
A150K,L[1]	A15000001 thru A1500387	PULL-KT-10	14	8	13	4			(7) MS20220-2
F150K,L[1]	F15000530 thru F15000943	PULL-KT-10	14	8	13	4			(7) MS20220-2
FA150K,L	FA1500001 thru FA1500120	PULL-KT-10	14	8	13	4			(7) MS20220-2
FRA150L[1]	FRA1500121 thru FRA1500211	PULL-KT-10	14	8	13	4			(7) MS20220-2
150L[1]	15074400 thru 15074661	PULL-KT-11	14	10	11	4			(7) MS20220-2
A150L[1]	A1500388 thru A1500415	PULL-KT-11	14	10	11	4			(7) MS20220-2
F150L[1]	F1500944 thru F15001062	PULL-KT-11	14	10	11	4			(7) MS20220-2
150L[1],M	15074662 thru 15079405	PULL-KT-12	14	10	12	4			(7) MS20220-2
A150L[1],M	A1500416 thru A1500734	PULL-KT-13	14	10	12	4			(7) MS20220-2
FRA150L[1]M	FRA1500212 thru FRA1500336	PULL-KT-12	14	10	12	4			(7) MS20220-2
152	15279406 thru 15286033	PULL-KT-13	14	10	12	4			(7) MS20220-2
A152	A1520735 thru A1521049	PULL-KT-13	14	10	12	4			(7) MS20220-2
F152	F15201429 thru F015201952	PULL-KT-13	14	10	12	4			(7) MS20220-2
FA152	FA1520337 thru FA1520387	PULL-KT-13	14	10	12	4			(7) MS20220-2
170	18000 thru 18729	PULL-KT-14		4	7	16		2	(8) NAS383-1
170A	18730 thru 20266	PULL-KT-15			13	14			(8) NAS383-1
170B	20267 thru 27169	PULL-KT-16	8	11	9	22		4	(8) NAS383-1
172A,B,C	28000 thru 17249544	PULL-KT-17	8	11	10	18		4	

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Pulleys and Pulley Kits for Cessna Aircraft continued from previous page

			Quantity per kit (kits include cotter pins)						
Model	Serial Number	Kit P/N	MCS378-1	MCS378-2	MCS378-3	MCS378-4	MCS378-5	S394	Other Pulleys
172D	17249545 thru 17250572	PULL-KT-18	9	11	10	18		4	
F172D	F1720001 thru F1720018	PULL-KT-18	9	11	10	18		4	
FP172	FP1720001 thru FP1720003	PULL-KT-18	9	11	10	18		4	
P172	P17257120 thru P17257188	PULL-KT-18	9	11	10	18		4	
172E	17250573 thru 17251822	PULL-KT-19	9	11	10	16		4	
F172E	F1720019 thru F1720085	PULL-KT-19	9	11	10	16		4	
172F,G,H,I,K,L,M[1]	17251823 thru 17263458	PULL-KT-20	13	2	10	16		3	(2) MS20220-1
F172F,G,H,K,L,M[1]	F1720086 thru F17201234	PULL-KT-20	13	2	10	16		3	(2) MS20220-1
FR172E,F,G,H,J	FR1720001 thru FR1720590	PULL-KT-21	12	2	10	16		3	(2) MS20220-1
172M[1],N,P	17263459 thru 17276673	PULL-KT-22	13	2	10	16		3	(2) MS20220-1, (1) S1710-1
F172M[1],N,P	F17201235 thru F17202254	PULL-KT-22	13	2	10	16		3	(2) MS20220-1, (1) S1710-1
172R,S	17280001 and on	PULL-KT-19	9	11	10	16		4	
175A,B,C	55001 thru 17557119	PULL-KT-17	8	11	10	18		4	
180A,B	30000 thru 50661	PULL-KT-24	5	11	7	20		4	
180C,D,E	50662 thru 18051183	PULL-KT-25	5	12	7	20		4	
180F,G	18051184 thru 18051445	PULL-KT-26	5	12	7	20		4	(1) MS20220-2
180H[1]	18051446 thru 18051607	PULL-KT-27	5	12	7	22		4	(1) MS20220-2
	18051608 thru 18052206	PULL-KT-28	5	12	7	22	1	8	(1) MS20220-2
180H[1],J[1]	18052207 thru 18052384	PULL-KT-83	5	12	7	22	1	8	(1) MS20220-2, (1) S1710-1
180J[1],K	18052385 thru 18053203	PULL-KT-29	5	11	7	22	1	8	(2) MS20220-2, (1) S1710-1
182,A,B	33000 thru 52358	PULL-KT-34	5	11	7	20	1	4	
182C,D	52359 thru 18053598	PULL-KT-35	5	12	7	20	1	4	
182E[1]	18253599 thru 18253929	PULL-KT-36	6	1	6	10		3	(6) MS20220-2, (1) S1052-1
182E[1],F,G,H,J,K	18253930 thru 18258505	PULL-KT-85	11	3	6	10		3	(6) MS20220-2, (1) S1052-1
182L,M,N[1]	18258506 thru 18260445	PULL-KT-37	6	3	6	8		3	(8) MS20220-2, (1) S1052-1
182N[1]	18260446 thru 18260669	PULL-KT-38	8	3	6	8		3	(8) MS20220-2, (1) S1052-1
182N[1],P[1]	18260670 thru 18262465	PULL-KT-86	8	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
182P[1],Q,R	18262466 thru 18268615	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
T182	18267716 thru 18268615	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
182S, 182T	18208001 and on	PULL-KT-80	13	3	6	8		3	(9) MS20220-2, (1) S1052-1, (1) S1710-1
F182P,Q	F18200001 thru F18200169	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
FR182	FR18200001 thru FR18200070	PULL-KT-40	3	1	16	16		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
R182,TR182	R18200001 thru R18202041	PULL-KT-40	3	1	16	16		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
T182	T1820801 and on	PULL-KT-80	13	3	6	8		3	(9) MS20220-2, (1) S1052-1, (1) S1710-1
185,A,B,C	1850001 thru 1850776	PULL-KT-30	5	12	7	20	1	4	(1) MS20220-2
185D	1850777 thru 1850967	PULL-KT-31	5	12	7	22	1	4	(1) MS20220-2
185E,A185E[1]	1850968 thru 18501901	PULL-KT-32	5	12	7	22	1	8	(1) MS20220-2
A185E[1],F[1]	18501902 thru 18502310	PULL-KT-84	5	12	7	22	1	8	(1) MS20220-2, (1) S1710-1
A185F[1]	18502311 thru 18504448	PULL-KT-33	5	11	7	22	1	8	(2) MS20220-2, (1) S1710-1
188[1],A188[1]	1880001 thru 1880317	PULL-KT-41	2	5		6		4	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4
	1880318 thru 1880572	PULL-KT-42	4	5		6		4	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4
188A[1],A188A[1]	1880573 thru 1880707	PULL-KT-43	4	5		6		6	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4, (1) S1052-1
188A[1],B[1], A188A[1],B[1]	1880708 thru 18801348 18800967T thru 188001348T	PULL-KT-44	4	5		6		6	(4) 1660433-2, (10) MS20220-2, (1) MS20220-4, (2) S1052-1
188B[1],A188B[1]	18801349 thru 18801402 18801349T thru 18801402T	PULL-KT-45	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1
	18801403 thru 18803856 18801403T thru 18803968T	PULL-KT-46	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (1) S1710-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1
T188C	T18803297T thru T18803968T	PULL-KT-46	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1, (1) S1710-1
210-5 (205), 210-5A (205A)	2050001 thru 2050577	PULL-KT-47	11	3	6	22		3	(5) MS20220-2, (1) S1052-1
206,U206,A,B	2060001 thru U2060914	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
TU206A,B	2060438 thru U2060914	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
P206,TP206A,B	P2060001 thru P2060419	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
U206,TU206C,D,E[1]	U2060915 thru U20601667	PULL-KT-49	10	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1
P206,TP206C,D,E	P2060420 thru P2060647	PULL-KT-49	10	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1

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Pulleys and Pulley Kits for Cessna Aircraft continued from previous page

			Quantity per kit (kits include cotter pins)						
Model	Serial Number	Kit P/N	MCS378-1	MCS378-2	MCS378-3	MCS378-4	MCS378-5	S394	Other Pulleys
U206E[1],TU206E[1]	U20601668 thru U20601700	PULL-KT-50	10	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1, (1) S1710-1
U206F[1],TU206F[1]	U20601701 thru U20601874	PULL-KT-51	8	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1, (1) S1710-1
	U20601875 thru U20602199	PULL-KT-52	7	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1, (1) S1710-1
	U20602200 thru U20602579	PULL-KT-53	7	2	6	26		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
U206F[1],G[1] TU206F[1],G[1]	U20602580 thru U20603798	PULL-KT-54	7	1	6	20		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
U206G[1],TU206G[1]	U20603799 thru U20607020	PULL-KT-55	7		6	22		6	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
206H	20608001 and on	PULL-KT-56	7		6	18		4	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
T206H	T20608001 and on	PULL-KT-56	7		6	18		4	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
207[1],T207[1]	20700001 thru 20700204	PULL-KT-57	12	1	4	21		6	(4) MS20220-1, (11) MS20220-2, (7) S1052-1, (2) S1710-1
	20700205 thru 20700227	PULL-KT-58	12	1	4	21		6	(4) MS20220-1, (11) MS20220-2, (7) S1052-1, (3) S1710-1
	20700228 thru 20700267	PULL-KT-59	9	1	4	21		6	(4) MS20220-1, (9) MS20220-2, (7) S1052-1, (3) S1710-1
207[1],207A[1] T207[1],T207A[1]	20700268 thru 20700390	PULL-KT-60	9	1	6	15		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (5) S1052-1, (3) S1710-1
	20700391 thru 20700788	PULL-KT-61	9	1	6	17		6	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (5) S1052-1, (3) S1710-1
208[1]	20800001 thru 20800145	PULL-KT-87		3		13			(6) MS20220-1, (2) MS20220-3, (18) S378-4S
	20800146 thru 20899999	PULL-KT-88		2		13			(6) MS20220-1, (2) MS20220-3, (18) S378-4S
208B	All	PULL-KT-89		2	1	13			(6) MS20220-1, (2) MS20220-3, (19) S378-4S
210,A	57001 thru 21057840	PULL-KT-62	5	4	11	22		3	(9) MS20220-2, (2) S1052-1
210B,C	21057841 thru 21058220	PULL-KT-63	7	4	6	28		3	(4) MS20220-2, (2) S1052-1
210D,E,F	21058221 thru 21058818	PULL-KT-64	7	3	6	28		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
T210F	T2100001 thru T2100197	PULL-KT-64	7	3	6	28		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
210G	21058819 thru 21058936	PULL-KT-65	7		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
T210G	T2100198 thru T2100307	PULL-KT-65	7		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
210H[1]	21058937 thru 210859030	PULL-KT-66	11		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
	21059031 thru 21059061	PULL-KT-67	11		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
T210H[1]	T2100308 thru T2100378	PULL-KT-66	11		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
	T2100379 thru T2100392	PULL-KT-67	11		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210J	21059062 thru 21059199	PULL-KT-68	15		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
T210J	T2100393 thru T2100454	PULL-KT-68	15		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210K,L[1]	21059200 thru 21060089	PULL-KT-69	14	1	7	26		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210L[1],M,N[1]	21060090 thru 21064135	PULL-KT-71	12	1	7	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210N[1],T210N[1]	21064136 thru 21064897	PULL-KT-77	12	1	7	28		2	(11) MS20220-2, (6) MS20220-3, (5) S1710-1
210R,T210R	21064898 thru 21065009	PULL-KT-78	8		7	28		2	(9) MS20220-2, (4) MS20220-3, (5) S1710-1
P210N	P21000001 thru P21000834	PULL-KT-81	12	1	7	28		2	(11) MS20220-2, (2) MS20220-3, (5) S1710-1
P210R	P21000835 thru P21000874	PULL-KT-82	8		7	28		2	(9) MS20220-2, (4) MS20220-3, (5) S1710-1

[1] Partial model eligibility

D A M™ Aircraft Pulley Oil

New name, same dependable oil!
Featuring a re-designed needle oiler
Great for unreachable areas with traditional applicators

- Does not dry out and get sticky
- Loosens old stiff pulley grease
- Save the labor of re-oiling the control system every year!



20" Extension P/N 7249 now sold separately!

Convenient Kits	
Qty	Description
P/N PULLEY OIL KT	
1	Pint, Pulley Oil
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OILER KT	
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OIL	
1	Pint, Pulley Oil

Rudder Pedals for Cessna Aircraft

P/N AP2000-01

FAA-PMA direct replacement for Cessna P/N 1460320-1

- Less money and longer life!
- Bronze bushings at the pivot points resist wear and vibration for longer pedal life
- Precision cast heat treated aluminum alloy
- Powder coat finish for durability and corrosion protection

Bronze bushings for a longer life!



Replacement Bushing Kit for McFarlane Rudder Pedal P/N AP2000-01 only.

P/N RP-BUSH-KIT

Rudder Pedal Bar

Avoid risk of costly damage during assembly

P/N AD1260558-1 (LH) and AD1260558-2 (RH)

Each bar includes P/N S1003-43A bearings (2) and P/N 1260419-1 tube (1) pre-assembled. This avoids damage commonly caused while pressing the bearings during installation.

FAA-PMA approved

Aircraft Model	Part Number AD1260558-1	AD1260558-2
210-5 (205), 210-5A (205A)	•	•
206, U206G, TU206G	•	•
206H, T206H	•	•
207A, T207A	•	•
210M,N,R, T210M,N,R, P210	•	



P/N AD1260558-1



P/N AD1260558-2

Rudder Pedal Shaft

FAA-PMA approved Fwd and Aft



P/N AD0411778-2 Fwd
140A
150, 150A, F150, FA150
152, A152, F152, FA152
170, 170A,B
172, 172A,B,C,D,E,F,G,H,I,J,K,L,M,N,P
F172D,E,F,G,H,I,J,K,L,M,N,P
172RG, P172, R172E,F,G,H,K, FP172, FR172
175, 175A,B
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R
A182, F182, FR182, R182, TR182
185, 185A,B,C,D,E, A185E,F
190, 190A, 195, 195A,B
210-5 (205), 210-5A (205A)
206, U206, U206A,B,C,D,E, P206, P206A,B,C,D,E
207, T207
210, 210A,B,C,D,E,F,G,H,J,K, T210G,H,J



P/N AD1460501-21 Aft
150A,B,C,D,E,F,G,H,J,K,L,M
A150K,L,M, F150K,L,M, FA150L,M
172D,E,F,G,H,K,L,M,N,P, 172RG
F172D,E,F,G,H,K,L,M,N,P
FP172, FR172E,F,G,H,J,K, P172D,R172K
177, 177A,B
180F,G,H,J,K
182E,F,G,H,J,K,L,M,N,P,Q,R
F182P,Q, FR182, R182, T182, TR182
185B,C,D,E, A185E,F
188, 188A,B A188, A188A,B, T188C
210-5 (205), 210-5A (205A)
U206F,G
207, 207A, T207, T207A
210C,D,E,G,H,J,K,L,M,N, T210K,L,M,N
336
337, 337A,B,C,D,E,F,G,H, F337E,F,G,H, FT337E, F337GP, T337B,C,D,E,F,G,H

U-Joint Taper Pin Removal Tool

P/N TOOL107

- Save time and money
- Easy removal of stuck pins!
- Prevents damage from hammering behind the panel
- Compact to get in tight places
- Heat treated 4140 Alloy Steel



Witness Hole Drill Fixture

Piper P/N 766-585

A convenient tool for older universal joints that don't have a witness hole. Use to drill a witness hole in Piper universal joints per Piper service bulletin 1197C.

Saves time! Avoids disassembly of U-joint and shaft.



Control Yoke Universal Joint for Cessna Aircraft

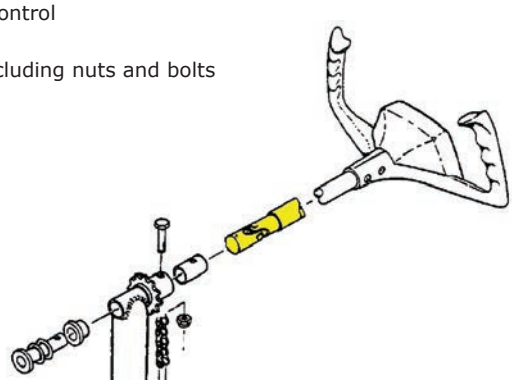
Protective sleeve now included with every universal joint!

P/N MC0411257: Universal joint with protective sleeve

P/N UJC-KT-1: Universal joint with protective sleeve and attaching hardware

- Eliminates slack for precise and responsive control
- Replace worn or corroded joints
- Available separately or in a convenient kit including nuts and bolts

Model
120, 140, 140A
150
150A,B,C,D,E,F,G,H,J,K,L,M
A150K,L,M,
F150F,G,H,J,K,L,M
FA150K,L,M, FRA150L,M
152, A152, F152, FA152
170, 170A,B,
172, 172A,B,C,D, F172D, FP172, P172D
172E,F,G,H,I,J,K,L,M,N,P,Q,R,S, T-41A
172RG, F172E,F,G,H,I,J,K,L,M,N,P
FR172E,F,G,H,I,J,K, R172K
R172E,F,G,H
175, 175A,B,C
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D
185, 185A,B,C,D,E, A185E,F
210, 210A



P/N MC0411257

Universal joint with protective sleeve



P/N UJC-KT-1

Universal joint with protective sleeve and attaching hardware



P/N UJC-KT-1 Kit Components		
Qty	Component	Description
2	AN3-10A	Bolt
2	AN3-11A	Bolt
1	MC0411257	Universal Joint (with sleeve P/N MC6183)
2	MS21044N3	Nut

Control Yoke Universal Joint Kits for Piper Aircraft

Save over 60% off Piper price. Just our reamer saves you $100!

- Individual parts also available separately
- Hardened stainless steel - Nitrided wear surfaces
- Eliminates free motion for precise and responsive control
- Replace worn or corroded joints

AD 2010-15-10 and Piper service bulletin 1197C requires inspection of the connection between the control yoke u-joint and the shaft on the forward (engine) end of the joint. This inspection is a convenient time to replace worn out u-joints. McFarlane has kits including the u-joint, shaft, taper pins, taper reamer, drill bit and other hardware to help comply with this AD. Available at a fraction of the cost compared to Piper.

Contact us to have your replacement U-joint P/N CA62834-802SS precision match drilled and avoid re-rigging the control system.





Helps comply with AD 2010-15-10

Universal Joint Kits			
Model	**Serial Number**	**Left** *(Pilot)* [2]	**Right** *(Copilot)* [2]
PA-28-140 [1]	28-20001 thru 28-20160	UJP-KT-3	UJP-KT-5
	28-20161 thru 28-21845	UJP-KT-4	UJP-KT-5
	28-21846 thru 28-21930	UJP-KT-1	UJP-KT-2
	28-21931 thru 28-21934	UJP-KT-4	UJP-KT-5
	28-21935 thru 28-25400	UJP-KT-1	UJP-KT-2
	28-25401 thru 28-7725290	UJP-KT-2	UJP-KT-2
PA-28-150 [1]	28-1 thru 28-1760, 28-03, 28-1760A	UJP-KT-3	UJP-KT-5
	28-1761 thru 28-3377	UJP-KT-4	UJP-KT-5
	28-3378 thru 28-4377	UJP-KT-1	UJP-KT-2
PA-28-151	All	UJP-KT-2	UJP-KT-2
PA-28-160 [1]	28-1 thru 28-1760, 28-03, 28-1760A	UJP-KT-3	UJP-KT-5
	28-1761 thru 28-3377	UJP-KT-4	UJP-KT-5
	28-3378 thru 28-4377	UJP-KT-1	UJP-KT-2
PA-28-161	All	UJP-KT-2	UJP-KT-2
PA-28-180 [1]	28-671 thru 28-1760, 28-03	UJP-KT-3	UJP-KT-5
	28-1761 thru 28-3377	UJP-KT-4	UJP-KT-5
	28-3378 thru 28-4377	UJP-KT-1	UJP-KT-2
	28-4378 thru 28-7505260, 28-E13	UJP-KT-2	UJP-KT-2
PA-28-181	All	UJP-KT-2	UJP-KT-2
PA-28-201T	All	UJP-KT-2	UJP-KT-2
PA-28-235 [1]	28-10001 thru 28-10486	UJP-KT-3	UJP-KT-5
	28-10487 thru 28-10719	UJP-KT-4	UJP-KT-5
	28-10720 thru 28-11039	UJP-KT-1	UJP-KT-2
	28-11040 thru 28-7710089, 28E-11	UJP-KT-2	UJP-KT-2
PA-28-236	All	UJP-KT-2	UJP-KT-2
PA-28R-180	All	UJP-KT-2	UJP-KT-2
PA-28R-200,201	All	UJP-KT-2	UJP-KT-2
PA-28R-201T	All	UJP-KT-2	UJP-KT-2
PA-28RT-201	All	UJP-KT-2	UJP-KT-2
PA-28RT-201T	All	UJP-KT-2	UJP-KT-2
PA-28S-160 [1]	28-1 thru 28-1760, 28-1760A	UJP-KT-3	UJP-KT-5
PA-28S-180 [1]	28-671 thru 28-1760	UJP-KT-3	UJP-KT-5
	28-1761 thru 28-3377	UJP-KT-4	UJP-KT-5
	28-3378 thru 28-4377	UJP-KT-1	UJP-KT-2
	28-4378 thru 28-7105234	UJP-KT-2	UJP-KT-2
PA-32-260 [1]	32-1 thru 32-600, 32-03, 32-04	UJP-KT-4	UJP-KT-5
	32-601 thru 32-690	UJP-KT-1	UJP-KT-2
	32-691 thru 32-7800008	UJP-KT-2	UJP-KT-2
PA-32-300 [1]	32-15, 32-21	UJP-KT-4	UJP-KT-5
	32-40000 thru 32-40415	UJP-KT-1	UJP-KT-2
	32-40416 thru 32-7940290	UJP-KT-2	UJP-KT-2
PA-32-301	All	UJP-KT-2	UJP-KT-2
PA-32-301T	All	UJP-KT-2	UJP-KT-2
PA-32R-300	All	UJP-KT-2	UJP-KT-2
PA-32R-301,301T	All	UJP-KT-2	UJP-KT-2
PA-32RT-300	All	UJP-KT-2	UJP-KT-2
PA-32RT-300T	All	UJP-KT-2	UJP-KT-2
PA-32S-300 [1]	32S-15	UJP-KT-4	UJP-KT-5
	32S-40000 thru 32S-40415	UJP-KT-1	UJP-KT-2
	32S-40416 thru 32S-7240137	UJP-KT-2	UJP-KT-2
PA-34-200,200T	All	UJP-KT-2	UJP-KT-2
PA-34-220T	All	UJP-KT-2	UJP-KT-2
PA-44-180,180T	All	UJP-KT-2	UJP-KT-2

[1] Partial model eligibility

[2] For kits including the Taper Reamer and Drill Bit, add suffix "T"

Kit Components		
Part Number	**Description**	**Qty**
UJP-KT-1		
CA62834-802SS	Universal Joint	1
AN386-1-6A	Taper Pin	2
NAS1149F0363P	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-1T		
UJP-KT-1	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-2		
CA62834-802SS	Universal Joint	1
62716-007	Shaft	1
AN386-1-6A	Taper Pin	2
NAS1149F0363P	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-2T		
UJP-KT-2	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-3		
CA62834-000SS	Universal Joint	1
AN386-1-6A	Taper Pin	2
NAS1149F0363P	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-3T		
UJP-KT-3	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-4		
CA62834-000SS	Universal Joint	1
62716-004	Shaft	1
AN386-1-6A	Taper Pin	2
NAS1149F0363P	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-4T		
UJP-KT-4	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-5		
CA62834-000SS	Universal Joint	1
62716-007	Shaft	1
AN386-1-6A	Taper Pin	2
NAS1149F0363P	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-5T		
UJP-KT-5	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1

Trim Wheel Stop Catch Assembly for Cessna Aircraft

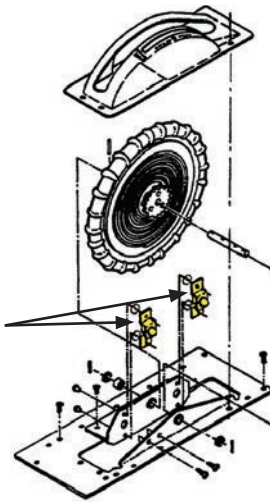
Save more than 75%

Long Service Life!

- FAA-PMA direct replacement
- Improved durable button for extended life

Maintenance Tip:
Mild creep in the trim system is often caused by worn out trim wheel stop catches. We offer improved stop catches at a fraction of the cost!





P/N	Aircraft
MC0713023-3	180, 180A,B,C,D,E,F
MC0713827-1	180G,H,J,K
MC0713023-3	182, 182A,B,C,D
MC0713023-3	185, 185A,B
MC0713827-1	185C,D,E, A185E,F

Universal Control Wheel Shaft

P/N CA46203-002

FAA-PMA approved for PA-31

Manufactured by PMA Products, Inc.



Aircraft
PA-31
PA-31-300
PA-31-325
PA-31-350
PA-31-350 (T1020)
PA-31P-350
PA-31T
PA-31T1,2

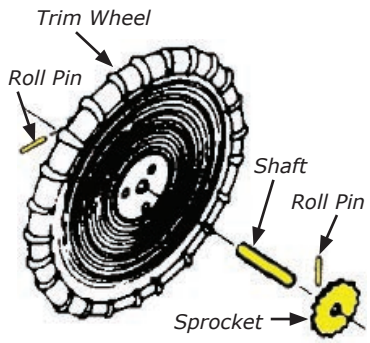
Trim Wheel Shafts and Sprockets for Cessna Aircraft

Elevator trim shaft and sprocket for most 172 thru 185 and early 210 models.
Rudder trim sprocket for many 182, 205, 206, 207 models.
Aileron trim sprocket for Caravan 208 and 208B aircraft.

- Stainless Steel
- Heat treated shafts for extra strength
- Resists roll pin hole wear
- Roll pins in stock - P/N MS16562-25 (qty: 2 required per shaft)

Aircraft Model		Part Number MC0432134-1 Sprocket	MC0761210-1 Sprocket	MC0713656-3 Trim Wheel Shaft	MC0761205-2 Trim Wheel Shaft	MC0761205-9 Trim Wheel Shaft
120, 140, 140A	All	●				
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150K,L,M, F150F,G,H,J,K,L,M, FA150K,L,M	All	●				
152, A152, F152, FA152	All	●				
170, 170A,B	All	●				
172, 172A,B,C,D,E, F172D,E, FP172, P172	All	●				
172F,G,H,I,J,K,L,M,N,P,Q,R,S, 172RG, F172F,G,H,K,L,M,N,P, FR172E,F,G,H,J,K, R172E,F,G,H,K	All	●		●		
175, 175A,B,C	All	●				
177, 177A,B, 177RG, F177RG	All	●				
180, 180A,B,C,D,E,F,G,H	30000 thru 18051607		●		●	
180H,J,K	18051608 and On		●			●
182, 182A,B,C,D	All		●		●	
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T	All	●	● [1]	●		
F182P,Q	All	●	● [1]			
FR182	All	●		●		
R182	R18200001 thru R18201798	●	● [1]	●		
	R18201799 and On	●		●		
T182	18267716 thru 18268055	●	● [1]	●		
	18268056 and On	●		●		
T182T	All	●	● [1]	●		
TR182	R18200584 thru R18201798	●	● [1]	●		
	R18201799 and On	●		●		
185, 185A,B,C,D,E, A185E,F	185-0001 thru 185-0949		●		●	
	185-0950 and On		●			●
A185F	18502091 thru 18502310		●			●
	18502311 and On					●
188, 188A,B, A188, A188A,B, 188B (w/large hopper), T188C	All		●			
210-5 (205), 210-5A (205A)	All		● [1]			
206, 206H, T206H, U206, U206A,B,C,D,E,F,G, TU206A,B,C,D,E,F,G, P206, P206A,B,C,D,E, TP206A,B,C,D,E	All		● [1]			
207, 207A, T207, T207A	All		● [1]			
208B	208B0001 thru 208B1111		● [2]			
210, 210A	All	●			●	

Notes:
All eligibility shown is for elevator/stabilizer/stabilator trim system except where noted below.
[1] Used in rudder trim system
[2] Used in aileron trim system






MC0713656-3

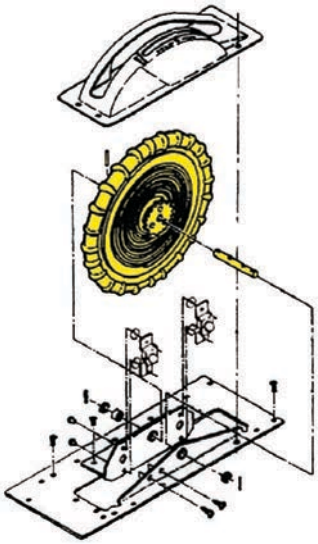

MC0761205-2


MC0761205-9

Trim Wheel for Cessna Aircraft

Newly designed sprocket is already fastened to the trim wheel, taking the load off of the shaft and roll pins!
P/N CESSNA TRIM WHEEL KIT
P/N CESSNA TRIM WHEEL KIT -S

- STC approved for Cessna 180, early 182, 185
- Hard anodized aluminum for durability
- Eliminate roll pin shear





Scan QR code to watch product video
https://youtu.be/_6Bqs5nHXwk



Hardware and roll pins included!

Aircraft	Part Number
180, 180A,B,C,D,E,F,G	CESSNA TRIM WHEEL KIT -S
180H,J,K	CESSNA TRIM WHEEL KIT
182, 182A,B,C	CESSNA TRIM WHEEL KIT -S
185, 185A,B,C,D[1]	CESSNA TRIM WHEEL KIT -S
185D[2],E,F	CESSNA TRIM WHEEL KIT

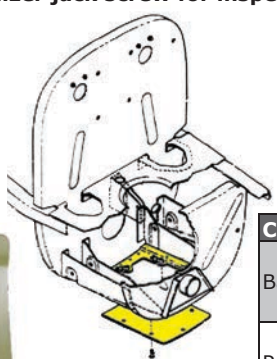
Notes:
[1] S/N 185-0001 thru 185-0949
[2] S/N 185-0950 and on

Stabilizer Jack Screw Access Cover

NEW

Faster and easier access to the horizontal stabilizer jack screw for inspection and maintenance
FAA-PMA approved for Cessna
180, 180A,B,C,D,E,F,G,H,J,K,
185, 185A,B,C,D,E,F, A185E,F

- Quick easy access to tail cone and jack screws
- Adds airplane value!
- Components also available separately



Saves time!





Cover	Kit P/N	Kit Components
Bare Metal	MCSK185-27B	MC0712083-3B Cover
		MC0712083-1 Doubler Assembly
		Screws
Primed	MCSK185-27P	MC0712083-3 Cover
		MC0712083-1 Doubler Assembly
		Screws
Top Coated	MCSK185-27T	MC0712083-3T Cover
		MC0712083-1 Doubler Assembly
		Screws

Tail Bushing and Spacer

NEW

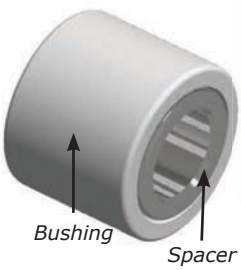
FAA-PMA approved for Cessna
Required when installing the STC'd Tail Cone Angle Kit

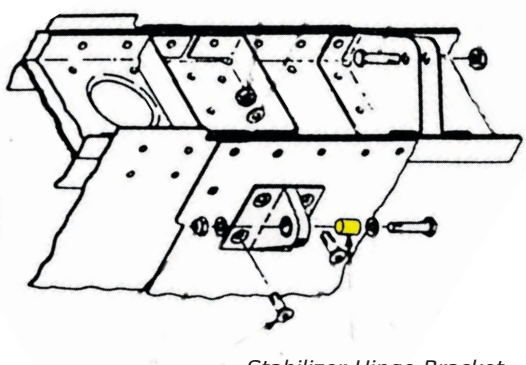
Bushing
P/N MC0760679-2
Stronger PEEK material, outlasts Delrin!

Spacer
P/N MC0732101-7
Heat-treated stainless steel for corrosion and wear resistance

Aircraft
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D
185, 185A,B,C,D,E, A185E,F
A188B, T188C
210-5 (205), 210-5A (205A)
210B,C

Save $$$





Stabilizer Hinge Bracket ***Coming Soon!***

Stabilizer Jack Screw Pin Tool

P/N TOOL131

For Cessna 180, 182, 185 Jack Screws

- Safely remove and easily install your roll pin with a wrench
- No more damaging your jack screw by using a punch and hammer
- Manufactured with hardened stainless steel for increased tool life
- Works only with the larger McFarlane pin sold with P/N 1111



Avoid costly damage!



Stabilizer Jack Screw Actuator Kit

Convenient Kit

Our FAA-PMA/STC approved kit replaces all wear components for the stabilizer actuator assemblies for many Cessna 180, 180A-K, 182, 182A-D, 185, 185A-E, A185E-F aircraft.

Improved Material for Extreme Corrosion Resistance

We replaced the original steel components with duplex stainless steel (even better than Monel) for a long life, even in harsh saltwater.

Improved Bearing

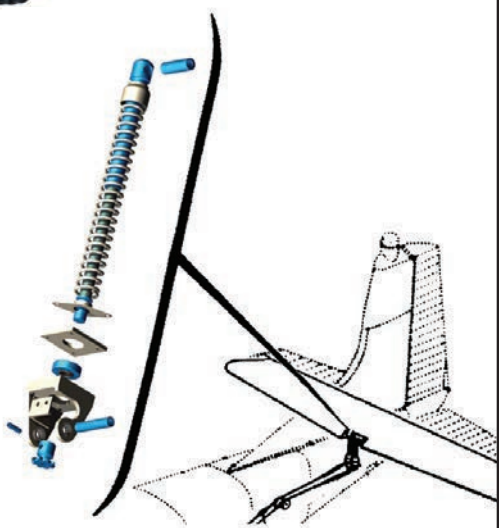
Now improved with ***Black Max***™ nitrocarburized coating to reduce friction and extend service life.





Improved Strength and Reliability

The original Cessna actuators use a 3/32" roll pin to attach the sprockets and retaining collars to the screw bars. These pins are critical as the front of the stabilizer would detach from the airframe if they failed. Although the original roll pins are technically strong enough, the original design is marginal in strength. To provide a more robust design, McFarlane redesigned the sprocket and retaining collar to allow the use of a 5/32" roll pin. This more than doubles the strength of the design. The screw and barrel are match machined for a precision fit.



P/N 1111 Kit Components	
Description	**P/N**
Barrel	
Match Drilled Assembly [1]	
Stainless Steel Roller Chain	6361 [3]
Connecting Link	6464 [3]
Eccentric Upper Bushing	6458 [3]
Lower Bushing	6459 [3]
Bearing	6460 [3]
Spring Pin	6461 [2] [3]

Notes:

[1] Consists of the Screw Bar, Bearing, and Sprocket match drilled as a set

[2] Can only be used as a replacement with McFarlane P/N 1111

[3] Can be purchased separate from the kit

Original Cessna Components	
P/N 1111 includes all parts required to replace the following Cessna parts in both left-hand and right-hand actuators.	
Description	**P/N**
Sprocket	0310332
Screw-bar	0712500-11
Barrel	0712500-13
Collar-Retainer	0712500-7
Bushing Eccentric	0712502
Bushing	0712500-7
Bearing	MS20201KP6A
	AN201KP6A
Roll Pin	NAS561-3-8
Chain	0432138-3
	S2295-25-185
Plug	0712500-19

Maintenance Tip:

If the stabilizer is sluggish or jams, clean the barrel and screw jack and re-apply a coating of MIL-PRF-23827 low temperature grease.

For complete instructions, scan the QR code

www.mcfarlaneaviation.com/media/documents/doc-6465.pdf

Tail Cone Angle Kit

Repair your cracked hockey sticks!
STC approved for Cessna aircraft
P/N TAIL CONE ANGLE KIT

- Save thousands $$$ on parts and labor
- Short installation time
- Stronger than the original
- Kit includes special tools for installation

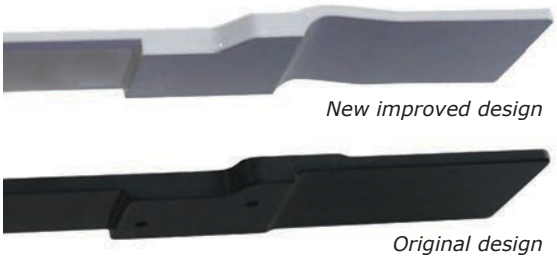
Hockey stick solution for AD2020-21-22 and SEL-55-01

New! Reinforcement Design

NEW

- Removal of all pilot holes – True freedom to match drill to your aircraft
- Enlarged part faces – More material to eliminate rivet edge clearance issues
- Reinforcement angles reshaped to better align and capture the tail bushing

Better align and capture tail bushings!
Reinforcement angles reshaped



New improved design

Original design

True freedom to match drill!
Removal of pilot holes

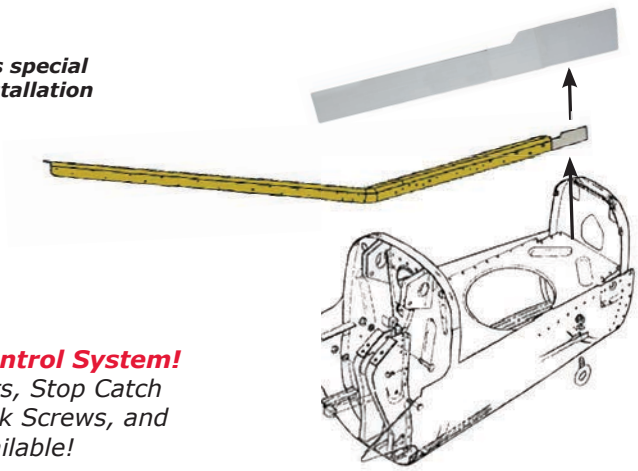


New improved design

Original design



Kit includes special tools for installation



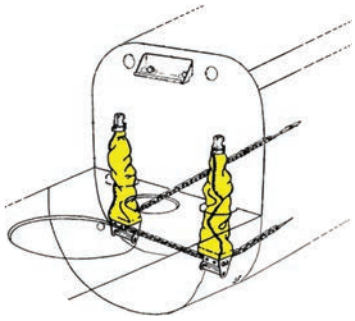
Aircraft
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D
185, 185A,B,C,D,E, A185E,F

Complete your Flight Control System!
Trim Wheel and Sprockets, Stop Catch Assemblies, Stabilizer Jack Screws, and Eye Bolts also available!

Trim Actuator Boot and Clamp

Boot P/N MC0712500-18
Clamp P/N MC7137
FAA-PMA approved

- Fits all 180, 180A-K, 182, 182A-D, 185, 185A-E, A185E-F
- McFarlane recommends replacing the boot and clamp at the same time
- Flexible, durable, and long life material designed to resist MIL-PRF 23827 grease





Clamp
P/N MC7137



Boot
P/N MC0712500-18

Trim Tab Actuator for Cessna Aircraft

FAA-PMA P/N MC1260074-1



- Save hundreds $$$
- Nitride hard coated stainless screw for wear and corrosion resistance
- Alumabronze inner barrel prevents corrosion and wear
- Hard anodized sprocket resists chain wear
- Every assembly is tested to -80° F
- Economical actuator service and test, repair, or exchange services

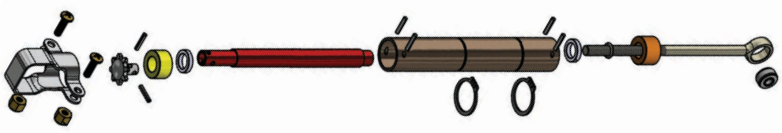
Our Trim Tab Actuator incorporates many design improvements that resolve the known problems of the OEM parts. Longer lasting coatings are utilized for increased service life, smoother operation, and improved corrosion resistance.

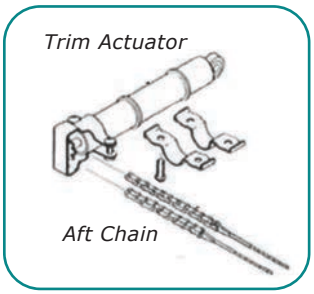
Our Trim Tab Actuator is manufactured with high-strength hard stainless steel alloy that has McFarlane's ***Black Max™*** nitro-carburized coating for maximum wear, low friction, and smoother thread operation than the OEM part. The sprocket is made from stronger aluminum, then anodized for wear and corrosion protection.

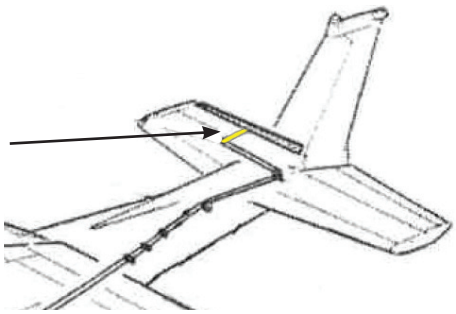
1000 Hour Services per Cessna SE73-25

We now offer replacement components and 1000 hour services for **$495**!
(Pricing valid through December 2022)

- Disassemble, clean, inspect, reset backlash, test, and return to service
- Includes new housing, sintered bearings, groove pins, o-rings, and nuts
- Additional replacement parts quoted at time of service







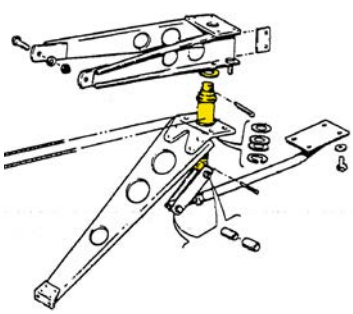
Trim Tab Actuator P/N MC1260074-1	
Aircraft	**Location**
120, 140, 140A	Elevator
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150K,L,M, F150F,G,H,J,K,L,M, FA150K,L,M, FRA150L,M	Elevator
152, A152, F152, FA152	Elevator
170, 170A,B	Elevator
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S, 172RG, F172D,E,F,G,H,K,L,M,N,P, FP172, FR172E,F,G,H,J,K, P172D, R172E,F,G,H,K	Elevator
175, 175A,B,C	Elevator
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T, F182P,Q, FR182, R182, T182, T182T, TR182	Elevator
188, 188A,B, A188, A188A, A188B Includes with large hopper, T188C	Elevator
190, 195, 195A,B	Elevator
210-5 (205), 210-5A (205A)	Elevator
206, P206, P206A,B,C,D,E, TP206A,B,C,D,E, TU206A,B,C,D,E,F, U206, U206A,B,C,D,E,F	Elevator
207, T207 [1]	Elevator
210, 210A,B,C,D,E,F,G,H,J,K,L [2], T210F,G,H,J,K,L [2]	Elevator
310, 310B,C,D,F,G,H,I,J, J-1, E310H,J	Elev. & Aileron
310K [3]	Elev. & Aileron Elevator
310P,Q,R, T310P,Q,R [4]	Elevator
320, 320-1, 320A,B,C,D	Elev. & Aileron
320E [5]	Aileron
411, 411A	Elevator

Notes:
[1] S/N 20700001 thru 20700227
[2] S/N 57001 thru 21060089
[3] S/N 310K0001, 310K0046 thru 310K0245
[4] S/N 310P0001 thru 310R1500
[5] S/N 320E0001

Stabilator Trim Kits for Piper

Save time and $$$ with convenient kits!

PSTAB-KT-1 Components		
Description	**Part Number**	**Qty**
Trim Shaft	CA65246-100	1
Trim Barrel	CA63530-100	1
Bearing	452-413	2
PSTAB-KT-2 Components		
Description	**Part Number**	**Qty**
Trim Shaft	CA65246-002	1
Trim Barrel	CA96596-002	1
Bearing	452-413	2





Maintenance Tip:
When replacing the stabilator trim barrel, consider replacing the stabilator trim cables too. See our Flight Control Cables section of this catalog.

Shafts and barrels manufactured by PMA Products. Bearing manufactured by Piper.

Model	P/N
PA28-140,150,151,160,161,180,181	PSTAB-KT-1
PA28-235 [1], 236	PSTAB-KT-1
PA28-201T [2]	PSTAB-KT-1
PA28R-180, 200, 201, 201T	PSTAB-KT-1
PA32, PA32R	PSTAB-KT-1
PA34-200 [3]	PSTAB-KT-2
PA34-200T, PA34-220T	PSTAB-KT-2

Notes:
[1] S/N 28-10606 and on.
[2] S/N 28-7921001 to 28-7921095
[3] S/N 34-7350185 and on
Some trim barrels supplied by Piper were incorrectly manufactured and must be replaced. See Piper SB1251 or later revised service bulletin. This SB is not applicable to P/N CA63530-100 manufactured by PMA Products, Inc., however P/N CA63530-100 may be used to replace trim barrels affected by the service bulletin.

Aileron, Elevator, Elevator Trim, Flap and Rudder Skins for Cessna

Smooth rudder and elevator skins for 150 thru 172 models

- Available as convenient kits or individually
- No pre-drilled holes to misalign
- Cut to shape to match the OEM skins
- More precise corrugation spacing and shape
- FAA-PMA direct replacement

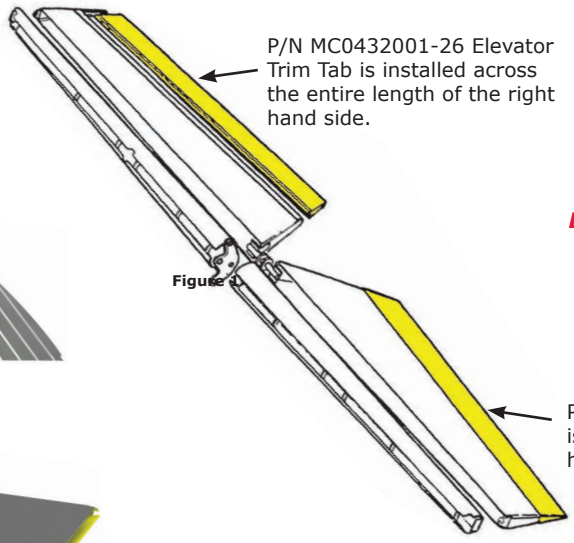
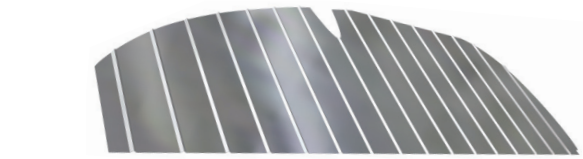
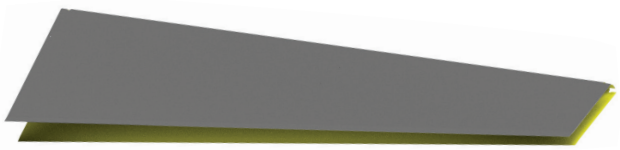


Figure 1

Better and costs less!







See following pages for aircraft eligibility and additional kits

Rudder Skin Kit Components			
Kit P/N	**Qty**	**P/N**	**Location**
SKN-KT-RUD1	1	MC0333000-4	Upper LH
	1	MC0333000-5	Upper RH
	1	MC0533000-4	Lower LH
	1	MC0533000-5	Lower RH
	1	MC0333116 [1]	Rudder Tab
SKN-KT-RUD2	1	MC0533000-20	Upper LH
	1	MC0533000-21	Upper RH
	1	MC0533000-4	Lower LH
	1	MC0533000-5	Lower RH
SKN-KT-RUD3	1	MC0531001-8	LH
	1	MC0531001-9	RH
SKN-KT-RUD4	1	MC0731000-13	LH
	1	MC0731000-14	RH
SKN-KT-RUD5	2	MC0333000-4	LH
	2	MC0333000-5	RH
	1	MC0333116 [1]	Rudder Tab
SKN-KT-RUD6	1	MC0433000-30 [1]	LH
	1	MC0433000-40 [1]	RH
	1	MC0433127 [1]	Rudder Tab

[1] FAA-PMA/STC. Includes instructions to replace spot welds with rivets.

Aileron Skin Kit Components			
Kit P/N	**Qty**	**P/N**	**Location**
SKN-KT-AIL1	1	MC0523800-6	Upper Inboard LH
	1	MC0523800-7	Upper Inboard RH
	1	MC0523800-8	Upper Outboard LH
	1	MC0523800-9	Upper Outboard RH
	1	MC0523800-10	Lower Inboard LH
	1	MC0523800-11	Lower Inboard RH
	1	MC0523800-12	Lower Outboard LH
	1	MC0523800-13	Lower Outboard RH
SKN-KT-AIL2	1	MC1624001-5	Upper Inboard LH
	1	MC1624001-6	Upper Inboard RH
	1	MC1624001-9	Upper Outboard LH
	1	MC1624001-10	Upper Outboard RH
	1	MC1624001-3	Lower Inboard LH
	1	MC1624001-4	Lower Inboard RH
	1	MC1624001-7	Lower Outboard LH
	1	MC1624001-8	Lower Outboard RH
SKN-KT-AIL3	1	MC1220085-11	Upper LH
	1	MC1220085-12	Upper RH
	1	MC1220085-13	Lower LH
	1	MC1220085-14	Lower RH
SKN-KT-AIL4	2	MC0424000-10 [1]	Aileron
	2	MC0424000-20 [1]	Aileron

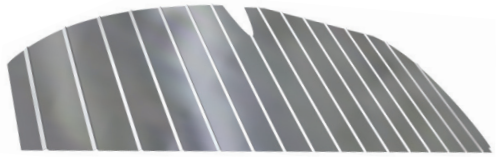
[1] FAA-PMA/STC. Includes instructions to replace spot welds with rivets.

Aileron, Elevator, Elevator Trim, Flap and Rudder Skins for Cessna continued

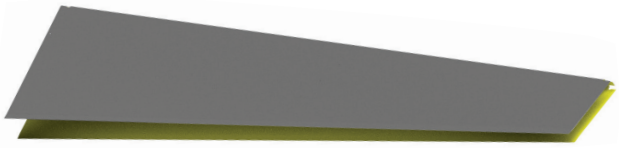
Smooth rudder and elevator skins for 150 thru 172 models

- Available as convenient kits or individually
- No pre-drilled holes to misalign
- Cut to shape to match the OEM skins
- More precise corrugation spacing and shape
- FAA-PMA direct replacement

See previous page for additional kits. See following page for aircraft eligibility







Elevator Skin Kit Components

Kit P/N	Qty	P/N	Location
SKN-KT-ELEV1	1	MC0334100-3	Tab Upper
	1	MC0334100-4	Tab Lower
	1	MC0334100-5	Upper RH
	1	MC0334100-6	Lower RH
	1	MC0334200-3	Lower LH
	1	MC0334200-4	Upper LH
SKN-KT-ELEV2	1	MC0534100-4	Upper LH
	1	MC0534100-5	Lower LH
	1	MC0534101-4	Lower RH
	1	MC0534101-5	Upper RH
SKN-KT-ELEV3	1	MC0532001-36	Upper RH
	1	MC0532001-37	Lower LH
	1	MC0532001-38	Lower RH
	1	MC0532001-39	Upper LH
SKN-KT-ELEV4	1	MC055044-1	Lower LH
	1	MC055044-2	Lower RH
	1	MC055044-3	Upper LH
	1	MC055044-4	Upper RH
SKN-KT-ELEV5	2	MC0734600-4	Upper LH & Lower RH
	2	MC0734600-9	Upper RH & Lower LH
SKN-KT-ELEV6	1	MC0734600-4	Upper LH
	1	MC0734600-9	Lower LH
	1	MC0734600-14	Lower RH
	1	MC0734600-15	Upper RH
SKN-KT-ELEV7	1	MC1234600-5	Upper LH
	1	MC1234600-6	Upper RH
	1	MC1234600-7	Lower LH
	1	MC1234600-8	Lower RH
SKN-KT-ELEV8	1	MC0434141-1 [1]	Upper LH
	1	MC0434140-2 [1]	Upper RH
	1	MC0434142-3 [1]	Lower LH
	1	MC0434134-4 [1]	Lower RH
	1	MC0434135-10 [1]	Tab Upper
	1	MC0434135-11 [1]	Tab Lower
	1	MC0434141-1 [1]	Upper LH
SKN-KT-ELEV9	1	MC0434140-2 [1]	Upper RH
	1	MC0434142-3 [1]	Lower LH
	1	MC0434134-4 [1]	Lower RH
	1	MC0434135-15 [1]	Tab Upper
	1	MC0434135-16 [1]	Tab Lower

[1] FAA-PMA/STC. Includes instructions to replace spot welds with rivets.

Flap Skin Kit Components

Kit P/N	Qty	P/N	Location
SKN-KT-FLP1	1	MC0426901-10	Upper RH
	1	MC0426901-11	Upper LH
	1	MC0426901-6	Lower LH
	1	MC0426901-7	Lower RH
SKN-KT-FLP2	1	MC0523901-4	Upper LH
	1	MC0523901-5	Upper RH
	1	MC0523901-6	Lower LH
	1	MC0523901-7	Lower RH
SKN-KT-FLP3	2	MC0523901-201	Upper LH, RH
	1	MC0523901-6	Lower LH
	1	MC0523901-7	Lower RH
SKN-KT-FLP4	1	MC0523901-21	Upper LH
	1	MC0523901-22	Upper RH
	1	MC0523901-19	Lower LH
	1	MC0523901-20	Lower RH
SKN-KT-FLP5	1	MC0523901-25	Upper LH
	1	MC0523901-26	Upper RH
	1	MC0523901-27	Lower LH
	1	MC0523901-28	Lower RH
SKN-KT-FLP6	1	MC0523901-25	Upper Inbd LH
	1	MC1220100-20	Upper Inbd RH
	1	MC1220100-5	Upper Otbd LH
	1	MC1220100-6	Upper Otbd RH
	1	MC0523901-27	Lower Inbd LH
	1	MC1220100-18	Lower Inbd RH
	1	MC1220100-3	Lower Otbd LH
	1	MC1220100-4	Lower Otbd RH
SKN-KT-FLP7	1	MC0523901-25	Upper Inbd LH
	1	MC0523901-26	Upper Inbd RH
	1	MC1220100-5	Upper Otbd LH
	1	MC1220100-6	Upper Otbd RH
	1	MC0523901-27	Lower Inbd LH
	1	MC0523901-28	Lower Inbd RH
	1	MC1220100-3	Lower Otbd LH
	1	MC1220100-4	Lower Otbd RH
SKN-KT-FLP8	1	MC1220100-33	Upper Inbd LH
	1	MC1220100-34	Upper Inbd RH
	1	MC1220100-5	Upper Otbd LH
	1	MC1220100-6	Upper Otbd RH
	1	MC1220100-35	Lower Inbd LH
	1	MC1220100-36	Lower Inbd RH
	1	MC1220100-3	Lower Otbd LH
	1	MC1220100-4	Lower Otbd RH
SKN-KT-FLP9	2	MC0425000-10 [1]	Upper LH, RH
	2	MC0425000-20 [1]	Lower LH, RH
SKN-KT-FLP10	2	MC0426900-2 [1]	Upper LH, RH
	2	MC0426900-4 [1]	Lower LH, RH
SKN-KT-FLP11	2	MC0525000-10 [1]	Upper LH, RH
	2	MC0525000-20 [1]	Lower LH, RH
SKN-KT-FLP12	2	MC0523900-10 [1]	Upper LH, RH
	2	MC0523900-20 [1]	Lower LH, RH

[1] FAA-PMA/STC. Includes instructions to replace spot welds with rivets.

Skins Eligibility continued from previous page

Model	Aileron Skins	Elevator Skins	Elev. Trim Skins	Flap Skins	Rudder Skins
120	SKN-KT-AIL4	SKN-KT-ELEV8		N/A	SKN-KT-RUD6
140	SKN-KT-AIL4	SKN-KT-ELEV8		SKN-KT-FLP9	SKN-KT-RUD6
140A	SKN-KT-AIL1	SKN-KT-ELEV9		SKN-KT-FLP10	SKN-KT-RUD6
150,A,B,C,D,E	SKN-KT-AIL1	MC0432001-34 (LH see figure 1)	MC0432001-26 (RH see figure 1)	SKN-KT-FLP1	MC0431001-3 (trl. edge)
150F,G,H,J,K,L	SKN-KT-AIL1	MC0432001-34 (LH see figure 1)	MC0432001-26 (RH see figure 1)	SKN-KT-FLP1	MC0431004-43
150M, A150M, F150M, FA150M	SKN-KT-AIL1	MC0432001-34 (LH see figure 1)	MC0432001-26 (RH see figure 1)	SKN-KT-FLP1	MC0433010-8
A150K,L, F150F,G,H,J,K,L, FA150K,L	SKN-KT-AIL1	MC0432001-34 (LH see figure 1)	MC0432001-26 (RH see figure 1)	SKN-KT-FLP1	MC0431004-43
152, A152, F152[1], FA152[2]	SKN-KT-AIL1	MC0432001-34 (LH see figure 1)	MC0432001-26 (RH see figure 1)	SKN-KT-FLP1	N/A
170	SKN-KT-AIL4	SKN-KT-ELEV1	N/A	SKN-KT-FLP11	SKN-KT-RUD1
170A	N/A	N/A	N/A	SKN-KT-FLP12	SKN-KT-RUD1
170B	SKN-KT-AIL1	SKN-KT-ELEV2	N/A	SKN-KT-FLP2	SKN-KT-RUD2
172	SKN-KT-AIL1	SKN-KT-ELEV3	N/A	SKN-KT-FLP2	SKN-KT-RUD3
172A,B,C	SKN-KT-AIL1	SKN-KT-ELEV3	N/A	SKN-KT-FLP2	MC0531006-8
172D,E,F[3]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-8
172F[4],G,H,I,K,L,M,N,P[4]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-70
172P[5],Q,R,S, (T-41A)	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0533150-3 (Aft)
172RG[6]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-70
172RG[7]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0533150-3
F172D,E,F[8]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-8
F172F[9],G,H,K,L,M,N,P[9]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-70
F172P[10]	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0533150-3 (Aft)
FP172	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	N/A
FR172E,F,G,H,J	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP3	MC0531006-70
FR172K	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-70 [21]
P172D	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-8
R172E[11],F,G,H	N/A	N/A	N/A	N/A	MC0531006-70
R172K	SKN-KT-AIL1	SKN-KT-ELEV4	N/A	SKN-KT-FLP3	MC0531006-70 [21]
175	SKN-KT-AIL1	SKN-KT-ELEV3	N/A	SKN-KT-FLP2	SKN-KT-RUD3
175A,B,C	SKN-KT-AIL1	SKN-KT-ELEV3	N/A	SKN-KT-FLP2	MC0531006-8
180,A,B,C,D,E	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP2	SKN-KT-RUD4
180F,G,H,J,K	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP3	SKN-KT-RUD4
182, 182A,B	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP2	SKN-KT-RUD4
182C,D	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP2	N/A
182E,F,G	SKN-KT-AIL1	SKN-KT-ELEV6	N/A	SKN-KT-FLP4	N/A
182H,J,K,L,M,N,P,Q,R,S,T	SKN-KT-AIL1	SKN-KT-ELEV7	N/A	SKN-KT-FLP4	N/A
A182J,K,L,N[12]	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP4	N/A
F182P,Q, FR182, R182[13], TR182[13], T182, T182T	SKN-KT-AIL1	SKN-KT-ELEV7	N/A	SKN-KT-FLP4	N/A
185,A,B,C,D,E, A185E[14]	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP2	SKN-KT-RUD4
A185E,F[15]	SKN-KT-AIL1	SKN-KT-ELEV5	N/A	SKN-KT-FLP3	SKN-KT-RUD4
188, 188A,B, A188, A188A,B, T188C	SKN-KT-AIL2	SKN-KT-ELEV6	N/A	SKN-KT-FLP4	SKN-KT-RUD4
190,195,195A,B[16]	N/A	SKN-KT-ELEV1	N/A	N/A	SKN-KT-RUD5
190,195,195A,B[17]	N/A	N/A	N/A	N/A	SKN-KT-RUD5
205 (210-5), 205A (210-5A)	SKN-KT-AIL1	SKN-KT-ELEV6	N/A	SKN-KT-FLP5	N/A
206, U206, U206A,B, TU206A,B	SKN-KT-AIL3	SKN-KT-ELEV7	N/A	SKN-KT-FLP6	N/A
U206C,D,E,F,G, TU206C,D,E,F,G	SKN-KT-AIL3	N/A	N/A	SKN-KT-FLP6	N/A
206H, T206H	SKN-KT-AIL3	N/A	N/A	SKN-KT-FLP6 [20]	N/A
P206, P206A,B	SKN-KT-AIL3	SKN-KT-ELEV7	N/A	SKN-KT-FLP7	N/A
P206C,D,E, TP206A,B,C,D,E	SKN-KT-AIL3	N/A	N/A	SKN-KT-FLP7	N/A
207,A, T207,A	SKN-KT-AIL3	N/A	N/A	SKN-KT-FLP8	N/A
210,A	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP2	N/A
210B[18]	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP4	N/A
210B[19]	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP5	N/A
210C	SKN-KT-AIL1	N/A	N/A	SKN-KT-FLP5	N/A
210D,E,F, T210F	SKN-KT-AIL3	N/A	N/A	SKN-KT-FLP7	N/A

Notes:

Elevator Tab skins only included in SKN-KT-ELEV1.

[1] Kits are approved S/N F15201429 thru F152201952
[2] Kits are approved S/N FA1520337 thru FA1520387
[3] S/N 46755 thru 17252000
[4] S/N 17252001 thru 17275953
[5] S/N 17275954 and On
[6] S/N 172RG0001 thru 172RG1134
[7] S/N 172RG1135 and On
[8] S/N F172-0001 thru F172-0119
[9] S/N F172-0120 thru F17202208
[10] S/N F17202209 and On
[11] S/N R172-0302 thru R1720620
[13] Kits are approved S/N All except R18201315
[14] Kits are approved S/N 185-0001 thru A185-1167
[15] Kits are approved S/N 18501168 thru 18504448
[16] Kits are approved S/N 7004 thru 16083
[17] Kits are approved S/N 16084 thru 16183
[18] Kits are approved S/N 21057841 thru 21058003
[19] Kits are approved S/N 21058004 thru 21058085
[20] Kit is approved for S/N 20608001 thru 20608173, T20608001 thru T20608361
[21] If equipped with rudder assembly 0531006-108 use MC0531006-70. If equipped with rudder assembly 0533150-5 use MC0533150-3.

Unless otherwise noted, approval is for all serial numbers for each model listed.

Flap Trailing Edge Stiffener for Cessna Aircraft

New streamline shape and improved fit to reduce stress cracks

FAA-PMA Stiffener made of 6061 T6 Alumimum material. Logbook entry is all that is required.

What is the purpose of a flap trailing edge stiffener?

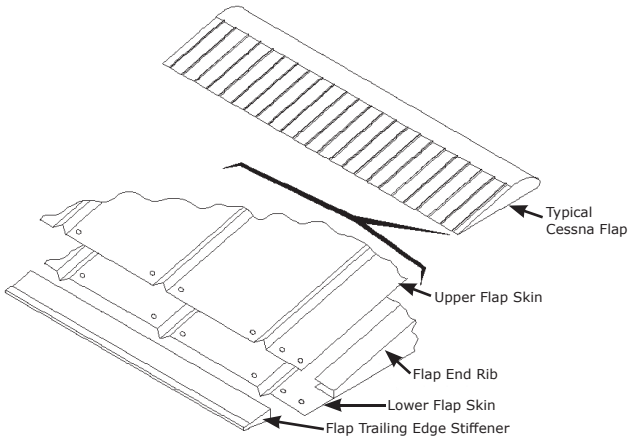
- Reinforce the flap trailing edge making it more resilient to hangar rash
- Ensure a straight trailing edge! Without a stiffener, the trailing edge tends to have "wavy" appearance where the top and bottom skin rivet together
- Reduce stress in the flap skins and prevent cracks around the rivets. Without a stiffener of the proper shape, the skin must abruptly bend where the top and bottom skins rivet together
- Provide a blunt surface, thus preventing diamond shaped cut patterns on the foreheads of pilots and passengers

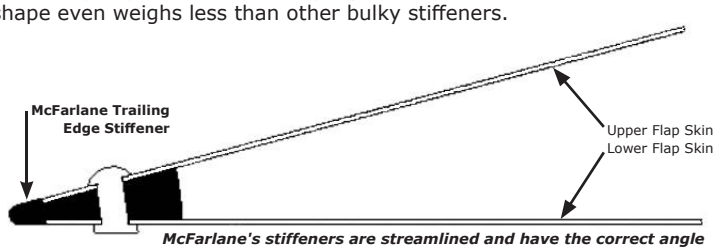
New Improved Fit to Reduce Skin Stress

Our new McFarlane stiffeners are accurately shaped to the same angle that the top and bottom skins come together to completely eliminate the bending stress due to riveting the skins together. This prevents stress concentrations in the skin corrugations and near the rivets making cracks less likely. McFarlane has improved the stiffener angle as compared to other brand of triangle stiffeners.

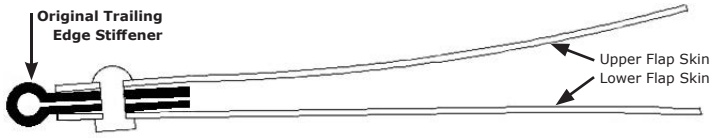
New Streamline Shape

Our new design smoothly transitions from the skin surface to a blunt trailing edge without an unsightly bulb and resultant drag found on common trailing edge stiffeners. The new shape even weighs less than other bulky stiffeners.





McFarlane's stiffeners are streamlined and have the correct angle



Original stiffeners deform the skins, resulting in cracks, strain in the corrugation, and stress around the rivet heads.

Early airplanes did not have a stiffener, but it can be added.

Aircraft	Part Number
150, 150A,B,C,D,E,F,G,H,J,K,L,M	MC1741-79.5
A-150L, A-A150L, A150K,L,M	MC1741-79.5
F150F,G,H,J,K,L,M	MC1741-79.5
FA150K,L,M	MC1741-79.5
FRA150L,M	MC1741-79.5
152, A152, F152, FA152	MC1741-79.5
170B	MC1741-79.5
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S	MC1741-79.5
172RG	MC1741-79.5
F172D,E,F,G,H,K,L,M,N,P	MC1741-79.5
FP172	MC1741-79.5
FR172E,F,G,H,J,K	MC1741-79.5
P172D	MC1741-79.5
R172E,F,G,H,K	MC1741-79.5
175, 175A,B,C	MC1741-79.5
180, 180A,B,C,D,E,F,G,H,J,K	MC1741-79.5
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T	MC1741-79.5
F182P,Q	MC1741-79.5
FR182, R182, T182, T182T, TR182	MC1741-79.5
185, 185A,B,C,D,E, A185E,F	MC1741-79.5
188, 188A,B, A188, A188A,B, T188C	MC1741-79.5
(205) 210-5	MC1741-79.5
(205A) 210-5A	MC1741-79.5
206, 206H, T206H	MC1741-116.25
P206, P206A,B,C,D,E	MC1741-116.25
TP206A,B,C,D,E	MC1741-116.25
TU206A,B,C,D,E,F,G	MC1741-116.25
U206, U206A,B,C,D,E,F,G	MC1741-116.25
207, 207A, T207, T207A	MC1741-116.25
210, 210A,B,C	MC1741-79.5
210D,E,F	MC1741-116.25

FAA-PMA/STC Skins

Now STC approved for 120, 140, 170 and 195 series aircraft to replace trailing edge spot welds with rivets! STC with instructions included.



Photo courtesy of Julian Herzog

Flap Tracks for Cessna Aircraft

Replace worn-out tracks to prevent dangerous and expensive binding problems!

- Improved Material
  - 20% Stronger
  - 6 Times fatigue strength
  - Greater resistance to "mushrooming" and stress cracking
- Precision machined for smooth rolling action
- No pre-drilled holes for a precise, clean installation
- Replace just the track, not the entire rib assembly: Eliminates the need to drill into the fuel tank area (Cessna only lists the rib assembly for most aircraft)
- Alodined then epoxy primed per MIL-PRF-23377 for corrosion protection
- Installation instructions included

See next page for Flap Roller Kits!



MC1221064-19



MC0523231-14



MC1221064-21



MC1221010-8



MC1220048-1



MC1221064-20



MC0525001-2



MC2622075-4



MC2622075-5



MC2622075-6

Cessna Flap Track Rib Assembly P/N	Cessna Flap Track P/N	McFarlane Flap Track P/N
0523231-13	0523231-14 [5]	MC0523231-14
0523231-21		
0523231-23		
0525001-1	0525001-2 [5]	MC0525001-2
0525001-1S		
2425001-1		
1220058-1	1220048-1 [5]	MC1220048-1
1220052-2		
1221010-7	1221010-8 [5]	MC1221010-8
1221010-7AGW		
1221010-15		
1221010-16		
1221010-19		
1221010-19AGW		
1221010-20		
1221010-20AGW		
N/A	1221064-19 [6]	MC1221064-19
	1221064-20 [6]	MC1221064-20
	1221064-21 [6]	MC1221064-21

Aircraft	Quantity per Aircraft								
	MC0523231-14	MC0525001-2	MC1220048-1	MC1221010-8	MC1221064-19	MC1221064-20	MC1221064-21	MC2622075-4	MC2622075-5	MC2622075-6
150,150A,B,C,D,E,F,G,H,J,K,L,M	4									
A150K,L,M	4									
F150F,G,H,J,K,L,M, FA150K,L,M	4									
152 [1] S/N 15279406 thru 15285564 [2]	4	4								
152 [1] S/N 15285565 thru 15286033		4								
A152 [1] S/N A1520735 thru A1521014 [2]	4	4								
A152 [1] S/N A1521015 thru A1521049		4								
F152 [1] S/N F15201429 thru F15201908 [2]	4	4								
F152 [1] S/N F15201909 thru F15201980		4								
FA152 [1] S/N FA1520337 thru FA1520387 [2]	4	4								
FA152 [1] S/N FA1520388 thru FA1520425		4								
170B	4									
172,172A,B,C,D,E,F,G,H,I,K,L,M,N	4									
172P,R,S, F172P		4								
172RG S/N 172RG0001 thru 172RG0409 [2]	4	4								
172RG S/N 172RG0410 thru 172RG1191		4								
F172D,E,F,G,H,K,L,M,N	4									
FP172	4									
FR172E,F,G,H,J,K [1] S/N FR17200591 thru FR17200665	4									
FR172K [1] S/N FR17200666 thru FR17200675		4								
P172D	4									
R172E,F,G,H,K	4									
R172K [1] S/N R1723400 thru R1723454		4								
175,175A,B,C	4									
177,177A,B,177RG,F177RG					2	2	2			
180,180A,B,C,D,E,F,G,H,J,K				4						
182,182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q				4						
182S,T				4						
F182P,Q				4						
FR182				4						
R182, T182, T182T				4						
185,185A,B,C,D,E,A185E,F				4						
188A,B,A188B				4						
210-5 (205), 210-5A (205A)				4						
206,U206,U206A,B,C,D,E,F,G,TU206F,G			2	4						
206H,T206H				6						
P206,P206A,B,C,D,E			2	4						
207,207A,T207,T207A			2	4						
208 S/N 20800001 thru 20800164 [3]								4		2
208 S/N 20800001 thru 20800164 [4]								2	2	2
208 S/N 20800165 thru 20899999								4		2
208B S/N 208B0001 thru 208B0194 [3]								4		2
208B S/N 208B0001 thru 208B0194 [4]								2	2	2
208B S/N 208B0195 thru 208B9999								4		2
210A,B,C				4						
210D,E,F			2	4						
210G,H,J,K,L,M,N,R					2	2	2			
P210N,R					2	2	2			
T210F			2	4						
T210G,H,J,K,L,M,N,R					2	2	2			

Notes:

[1] Partial model eligibility

[2] Models may have various flap track rib assemblies installed. If rib assembly P/N 0523231-23 is currently installed, then McFarlane P/N MC0523231-14 must be used to replace the flap track. If rib assembly P/N 0525001-1, 0525001-1S, or 2425001-1 is installed, then P/N MC0525001-2 replaces the flap track. Rib assembly P/N 0523231-23 includes a 0.160" thick flap track with no lightening hole. Rib assembly P/Ns 0525001-1, 0525001-1S, 2425001-1 include a 0.25" thick flap track with a 2.25" lightening hole located between the flap roller slots.

[3] With service kit SK208-71

[4] Without service kit SK208-71

[5] P/Ns do not appear in Illustrated Parts Catalogs; only track assy P/Ns are listed.

[6] P/Ns appear directly in Illustrated Parts Catalogs; no assembly P/Ns exist.

Flap Track Wear Gauge for Cessna Aircraft

P/N 950

Use to determine if a Cessna flap track is worn beyond service limits.

Flap Track Wear Gauge Instructions

Run the gauge plug along each slot in each flap track while verifying that the gauge will not enter the slot. Reposition the flaps as required to gauge the entire length of each slot. If the gauge enters a slot at any point, the track is worn beyond service limits. Periodically verify the gauge diameter by measuring the gauge diameter with a calibrated micrometer.



This gauge will work for all single engine Cessnas except 140A, 170A and 195



Flap Wear Buttons

P/N S1093-1

- Prevents flap leading edge skin wear
- Nylon construction
- Available in 30 packs



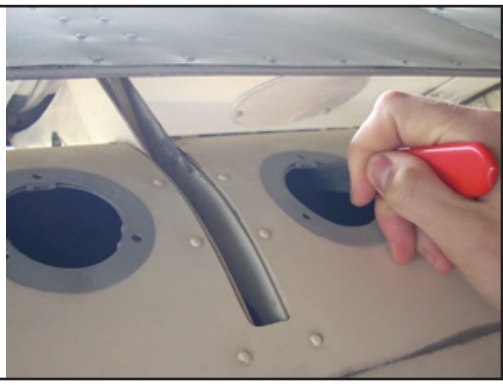
Manufactured by Cessna

Flap Roller Installation Tool

P/N 970

- Makes installation of the aft flap roller, bushing and washers easy
- Holds parts in alignment while inserting the bolt
- Long handle allows access through the small inspection openings
- Use on Cessna 150 thru 337





Flap Roller Kits for Cessna Aircraft

McFarlane offers a basic flap roller kit or an upgrade kit to address flap arm wear problems. Each flap roller kit contains enough components for one aircraft. All components are also available separately.

See eligibility and kit component lists on the following page.

Now available!

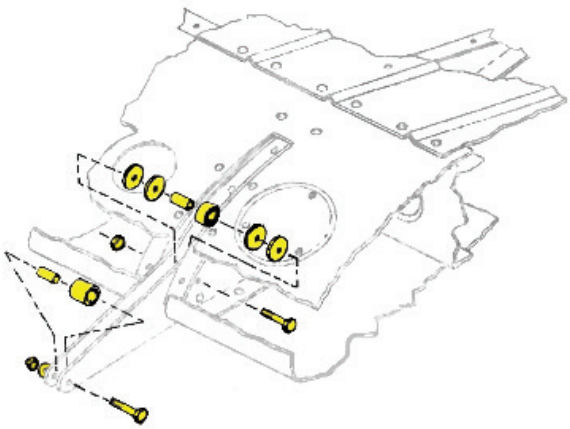
Flap roller kits for Cessna Caravan 208 and Skymaster 336/337 aircraft

Basic kits

Rollers, bushings, shims and spacers where required

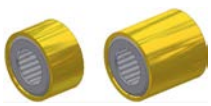
Upgrade kits

Rollers, bushings, shims, spacers where required, MCSK100 Flap Service Kits, wear washers, SEB95-3 Rev. 1 and hardware (nuts, bolts and washers)



Rollers

- Cadmium plated for corrosion resistance
- Precision bearings for smooth, reliable operation



Bushings

- Heat treated bearing quality stainless steel
- Precision ground
- Improved wear and corrosion resistance



Shims and Spacers

- Stainless steel shims
- Self-lubricating nylon spacers



Hardware

- Nuts, bolts and washers
- Extra hardware included, installer must determine correct nut, bolt, and washer combination for their aircraft



Wear Washers and SEB95-3 Rev. 1

- Stops forward roller location flap arm wear
- Service Bulletin SEB95-3 Rev. 1 is copyrighted by Cessna



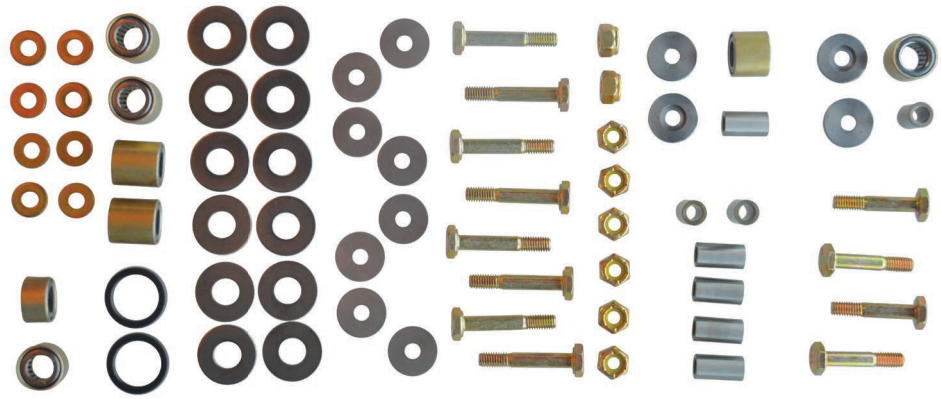
MCSK100 Flap Roller Service Kits

- Stops aft roller location flap arm wear
- Unique McFarlane solution



Flap Roller Kits and MCSK100 on the following pages!

Flap Roller Kits for Cessna Aircraft continued from previous pages





Flap Roller Kit components on next page

Model	Serial Number	Part Numbers
150,150A,B,C, D,E,F,G,H,J	All	FLP-KT-1 or 1U
150K,L,M	All	FLP-KT-2 or 2U
A150K,L,M	All	FLP-KT-2 or 2U
F150F,G,H,J	All	FLP-KT-1 or 1U
F150K,L,M	All	FLP-KT-2 or 2U
FA150K,L FRA150L,M	All	FLP-KT-2 or 2U
152 [1]	15279406 thru 15285564	FLP-KT-2 or 2U
	15285565 thru 15286033	FLP-KT-3 or 3U
F152 [1]	F15201429 thru F15201908	FLP-KT-2 or 2U
	F15201909 thru F15201980	FLP-KT-3 or 3U
A152 [1]	A1520735 thru A1521014	FLP-KT-2 or 2U
	A1521015 thru A1521049	FLP-KT-3 or 3U
FA152 [1]	FA1520337 thru FA1520387	FLP-KT-2 or 2U
	FA1520388 thru FA1520425	FLP-KT-3 or 3U
170B	All	FLP-KT-1 or 1U
172,172A,B,C	All	FLP-KT-1 or 1U
172D,E,F,G,H, I,K,L,M,N	All	FLP-KT-2 or 2U
172RG [1]	172RG0001 thru 172RG0416	FLP-KT-2 or 2U
	172RG0417 thru 172RG1191	FLP-KT-3 or 3U
172P,Q	All	FLP-KT-3 or 3U
172R	All	FLP-KT-3 or 3U
172S	All	FLP-KT-3 or 3U
F172D,E,F,G, H,K,L,M,N	All	FLP-KT-2 or 2U
F172P	All	FLP-KT-3 or 3U
FR172E,F	All	FLP-KT-1 or 1U
FR172G,H,J	All	FLP-KT-2 or 2U
FR172K	All	FLP-KT-8 or 8U
P172	All	FLP-KT-2 or 2U
R172K	All	FLP-KT-8 or 8U
175,175A,B,C	All	FLP-KT-1 or 1U
177,177A,B	All	FLP-KT-4 or 4U
177RG	All	FLP-KT-4 or 4U
F177RG	All	FLP-KT-4 or 4U
180,A,B,C,D, E,F,G,H,J [1]	30000 thru 18052384	FLP-KT-1 or 1U
180J [1],K	18052385 thru 18053203	FLP-KT-8 or 8U
182,182A,B,C,D	All	FLP-KT-1 or 1U
182,E,F,G,H,J, K,L,M,N,P,Q,R	All	FLP-KT-3 or 3U
182S,T	All	FLP-KT-3 or 3U
A182J,K,L,M,N	All	FLP-KT-3 or 3U
F182P,Q	All	FLP-KT-3 or 3U

Continued on next column

Model	Serial Number	Part Numbers
FR182	All	FLP-KT-3 or 3U
R182(RG)/TR182	All	FLP-KT-3 or 3U
T182T	All	FLP-KT-3 or 3U
185,185A,B,C,D,E/ A185E,F [1]	1850001 thru 18502310	FLP-KT-1 or 1U
A185F [1]	18502311 thru 18504448	FLP-KT-8 or 8U
188,188A,B A188A,B [1]	1880001 thru 18802348	FLP-KT-3 or 3U
A188B [1]	18800967T thru 18803968T	FLP-KT-3 or 3U
T188C	All	FLP-KT-3 or 3U
210-5 (205), 210-5A (205A)	All	FLP-KT-1 or 1U
206	All	FLP-KT-4 or 4U
206H/T206H	All	FLP-KT-11 or 11U
P206,A,B,C,D,E	All	FLP-KT-4 or 4U
TP206A,B,C,D,E	All	FLP-KT-4 or 4U
TU206A,B,C,D,E [1]	U2060487 thru U20601568	FLP-KT-4 or 4U
TU206E [1],F,G	U20601569 thru U20607020	FLP-KT-9 or 9U
U206, U206A,B,C,D,E [1]	U2060276 thru U20601568	FLP-KT-4 or 4U
U206E [1],F,G	U20601569 thru U20607020	FLP-KT-9 or 9U
207,207A, T207,T207A	All	FLP-KT-4 or 4U
208, 208A,B	All	FLP-KT-12
210,A,B,C	All	FLP-KT-1 or 1U
210D,E,F	All	FLP-KT-6
210G,H,J,K,L,M,N,R	All	FLP-KT-7
P210N,R	All	FLP-KT-7
T210F	All	FLP-KT-6
T210G,H,J,N	All	FLP-KT-7
336	All	FLP-KT-13
337, 337A,B,C,D,E,F,G,H	All	FLP-KT-14
F337E,F,G,H	All	FLP-KT-14
FT337E,F	All	FLP-KT-14
FT337GP, HP	All	FLP-KT-15
M337B	All	FLP-KT-14
P337H	All	FLP-KT-15
T337B,C,D,E,F	All	FLP-KT-14
T337G	All	FLP-KT-15
T337H	All	FLP-KT-14
T337H-SP	All	FLP-KT-15

[1] Partial model eligibility

Kit components are listed on the following page.

Save $$$ on hard to find MS21442-121 bearings included in FLP-KT-12 or purchase separately!

Component List for Flap Roller Kits for Cessna Aircraft

Each flap roller kit contains enough components for one aircraft. All basic kits include the rollers, bushings, shims, spacers where required and a copy of SEB95-3 Service Bulletin. The upgrade kits contain the same components, the wear washers required by Cessna SEB95-3 for the forward locations, MCSK100 Flap Roller Service Kits for the rear locations, and attachment nuts, bolts, and washers. Part numbers for the upgrade kits end in "U".

Note: SEB95-3 REV. 1 Service Bulletin is not applicable to 172R,S, 182S,T, T182T, 206H, T206H, 208, 336 and 337 aircraft.

Flap Upgrade Kits contain bolts, nuts and washers for several aircraft models. **The installer must determine the correct nut, bolt and washer combination for each installation.**

Qty	Part Number	Description
FLP-KT-1		
8	MC0523919	Bushings
2	MC0523920	Rollers
6	MC0523921	Rollers
12	MCS1450-5N12-050	Shims
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-1U		
4	AN3-10A	Bolts
8	AN3-11A	Bolts
6	MC0523919	Bushings
2	MC0523920	Rollers
4	MC0523921	Rollers
8	MCS1450-3S10-032	Wear Washers
12	MCS1450-5N12-050	Shims
2	MCSK100	Service Kits
8	MS21044N3	Nuts
8	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-2		
8	MC0523919	Bushings
2	MC0523920	Rollers
6	MC0523921	Rollers
2	MC1220114-2	Spacers
12	MCS1450-5N12-050	Shims
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-2U		
4	AN3-10A	Bolts
8	AN3-11A	Bolts
6	MC0523919	Bushings
2	MC0523920	Rollers
4	MC0523921	Rollers
2	MC1220114-2	Spacers
8	MCS1450-3S10-032	Wear Washers
12	MCS1450-5N12-050	Shims
2	MCSK100	Service Kits
8	MS21044N3	Nuts
8	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-3		
8	MC0523919	Bushings
2	MC0523920	Rollers
6	MC0523921	Rollers
4	MC1220114-1	Spacers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-3U		
4	AN3-10A	Bolts
8	AN3-11A	Bolts
6	MC0523919	Bushings
2	MC0523920	Rollers
4	MC0523921	Rollers
4	MC1220114-1	Spacers
8	MCS1450-3S10-032	Wear Washers
2	MCSK100	Service Kits
8	MS21044N3	Nuts
8	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-4		
12	MC0523919	Bushings
2	MC0523920	Rollers
10	MC0523921	Rollers
4	MC1220114-1	Spacers
1	SEB95-3 REV. 1	Service Bulletin

Continued on next column

Continued from previous column

Qty	Part Number	Description
FLP-KT-4U		
6	AN3-10A	Bolts
12	AN3-11A	Bolts
8	MC0523919	Bushings
2	MC0523920	Rollers
6	MC0523921	Rollers
4	MC1220114-1	Spacers
12	MCS1450-3S10-032	Wear Washers
4	MCSK100	Service Kits
12	MS21044N3	Nuts
12	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-6		
2	MC0523920	Rollers
10	MC0523921	Rollers
12	MC0523919	Bushings
12	MCS1450-5N12-050	Shims
FLP-KT-7		
6	MC0523920	Rollers
6	MC0523921	Rollers
12	MC0523919	Bushings
12	MC1220114-1	Spacers
FLP-KT-8		
8	MC0523919	Bushings
2	MC0523920	Rollers
6	MC0523921	Rollers
4	MC1220114-1	Spacers
12	MCS1450-5N12-050	Shims
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-8U		
4	AN3-10A	Bolts
8	AN3-11A	Bolts
6	MC0523919	Bushings
2	MC0523920	Rollers
4	MC0523921	Rollers
4	MC1220114-1	Spacers
8	MCS1450-3S10-032	Wear Washers
12	MCS1450-5N12-050	Shims
2	MCSK100	Service Kits
8	MS21044N3	Nuts
8	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-9U		
12	MC0523919	Bushings
4	MC0523920	Rollers
8	MC0523921	Rollers
8	MC1220114-1	Spacers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-9U		
10	AN3-10A	Bolts
8	AN3-11A	Bolts
6	MC0523919	Bushings
4	MC0523920	Rollers
2	MC0523921	Rollers
8	MC1220114-1	Spacers
4	MCS1450-3S10-032	Wear Washers
6	MCSK100	Service Kits
12	MS21044N3	Nuts
12	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin

Continued on next column

Continued from previous column

Qty	Part Number	Description
FLP-KT-11		
12	MC0523919	Bushings
4	MC0523920	Rollers
8	MC0523921	Rollers
8	MC1220114-1	Spacers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-11U		
6	AN3-10A	Bolts
12	AN3-11A	Bolts
8	MC0523919	Bushings
4	MC0523920	Rollers
4	MC0523921	Rollers
8	MC1220114-1	Spacers
8	MCS1450-3S10-032	Wear Washers
4	MCSK100	Service Kits
12	MS21044N3	Nuts
12	NAS1149F0363P	Washers
1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-12		
4	AN3-11A	Bolts
6	AN4-11A	Bolts
4	MC0523919	Bushings
4	MC0523921	Rollers
8	MCS1450-S310 032	Wear Washers
4	MS21044N3	Nuts
6	MS21044N4	Nuts
6	MS21442-121	Bearings
4	NAS1149F0332P	Washers
4	NAS1149F0363P	Washers
6	NAS1149F0432P	Washers
6	NAS1149F0463P	Washers
FLP-KT-13		
16	AN3-10A	Bolts
16	MC0523919	Bushings
8	MC0523920	Rollers
8	MC0523921	Rollers
32	MCS1450-5N12-050	Shims
16	MS21045L3	Nuts
FLP-KT-14		
16	AN3-10A	Bolts
16	MC0523919	Bushings
8	MC0523920	Rollers
8	MC0523921	Rollers
16	MC1220114-1	Spacers
16	MS21045L3	Nuts
FLP-KT-15		
16	AN3-10A	Bolts
16	MC0523919	Bushings
8	MC0523920	Rollers
8	MC0523921	Rollers
16	MC1220114-1	Spacers
16	MS21044N3	Nuts

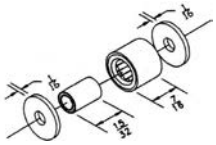
MCSK100 Flap Roller Service Kit for Cessna Aircraft

Stops flap arm wear! Prevents costly flap arm replacement

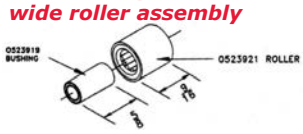
A permanent solution to the wear problem at the aft wide roller locations

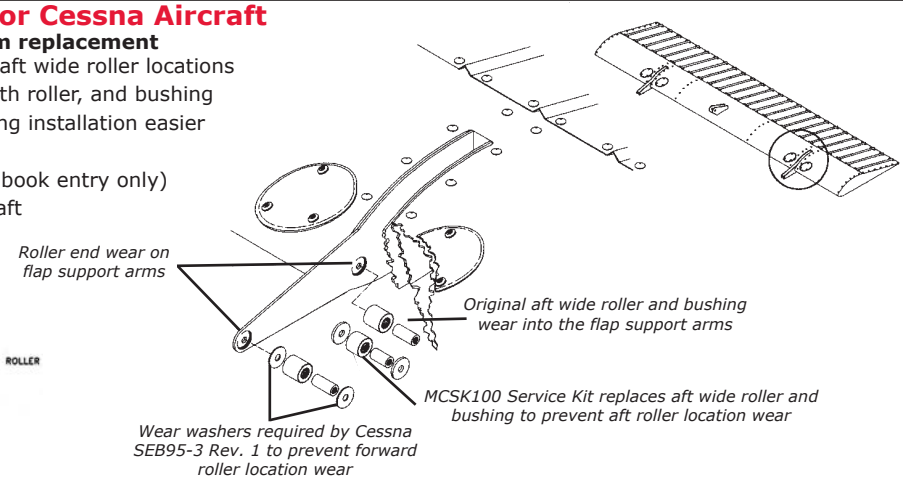
- Includes two stepped washers, a medium width roller, and bushing
- Stepped washers interlock with bushing making installation easier
- Replaces the aft wide roller and bushing
- FAA-PMA/STC approved (minor alteration: logbook entry only)
- Applicable to most single engine Cessna aircraft
- Economical!

MCSK100 Flap Roller Service Kit

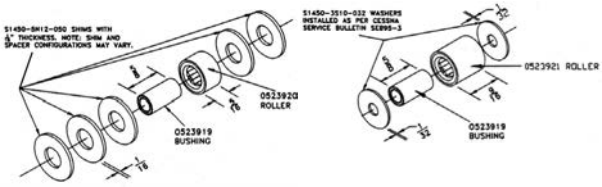


MCSK100 replaces aft wide roller assembly





MCSK100 DOES NOT replace forward wide roller assembly OR narrow roller assembly



Installation is a minor alteration and does not require filing FAA Form 337. Only a logbook entry is required.

It is important that the Cessna Service Bulletin SEB95-3 is fully complied with before MCSK100 is installed.

Technical Background:

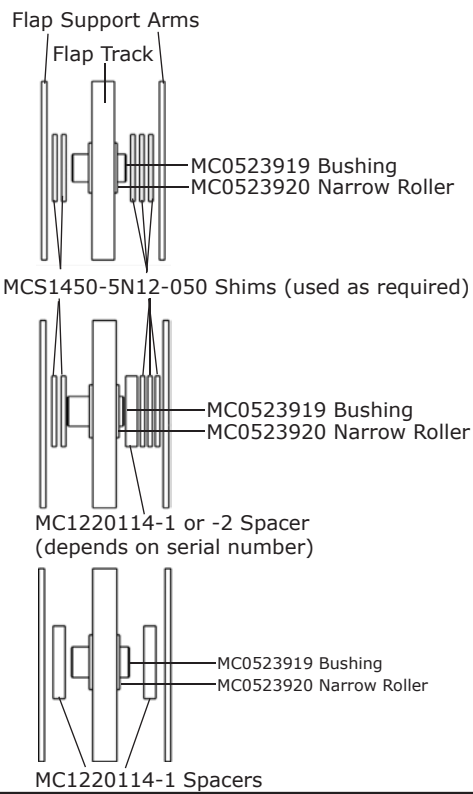
Flap rollers wear into the flap support arms on Cessna aircraft. This wear is caused by asymmetric extension or retraction of the flap during flight. Many factors can contribute to this condition, including rusty or damaged rollers or flap track imperfections. Asymmetry causes the rollers to be pressed against the flap support arms which, over time, causes damage to the flap support arms and structurally weakens the flap.

*Cessna Service Bulletin SEB95-3 (included in all FLP-KT kits) addresses this issue by calling for inspection and repair or replacement of the support arms and rollers. SEB95-3 also requires the installation of stainless steel washers on each side of the forward rollers to reduce wear between the roller and support arms. However, SEB95-3 did not offer a preventative solution to the wear problem experienced at the **aft** roller locations. **MCSK100 is a permanent solution that addresses aft flap support arm wear.***

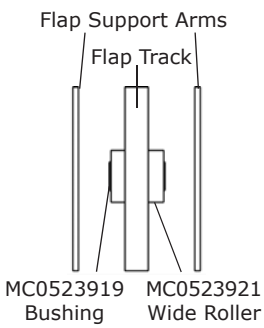
Cessna Flap Attachment Configurations

All configurations are for example only. Types and quantities of shims and spacers vary between aircraft. Refer to your aircraft's manual. McFarlane flap upgrade kits include all required bolts, nuts, and washers

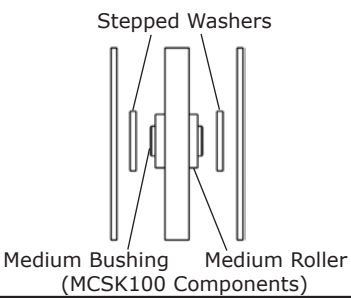
Aft Narrow Roller Locations (example configurations)



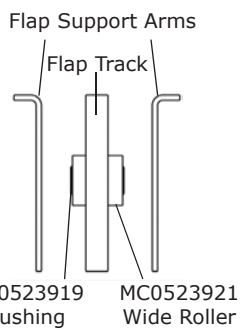
Aft Wide Roller Locations Original Configuration



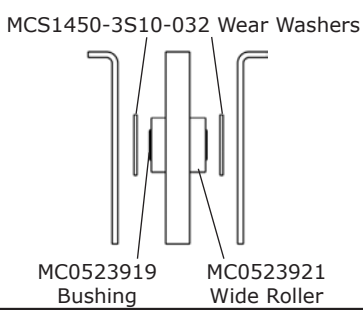
Aft Wide Roller Locations with MCSK100 Service Kit



Forward Roller Locations Original Configuration



Forward Roller Locations with Wear Washers per Cessna SEB95-3 Rev. 1



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ORION™ 360 BEACONS

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TAIL LIGHTS



PARMETHEUS™ G3

PAR 36 LED LANDING
& TAXI LIGHTS



ORION™ 660 SERIES

FORWARD & TAIL POSITION/
ANTI-COLLISION WINGTIP LIGHTS



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Fuel Valves

FAA-PMA approved for Cessna

150, 152, 170, 175, 177, 182, 185

SAVE $$$

Buy yours new, or send in for repair!



McFarlane®

*See **Fuel System** section of the catalog*

FLY GREEN - FLY MT

mt-propeller

- ***2- to 7-blade hydraulic variable pitch propellers*** for engines producing up to 5000 hp
- ***2- to 4-blade electric variable pitch propellers*** for engines producing up to 350 hp
- ***Reverse propellers*** for piston engines and propeller turbines
- ***Fixed pitch propellers***
- ***Custom Propellers*** for wind tunnels, airships, hovercraft, high altitude and vintage aircraft
- ***28,000+*** MT-Propeller systems flying worldwide
- ***90,000+*** blades in service
- more than ***180 MIO*** flying hours accumulated



Aileron Rod Assembly for Piper PA-28/28R Series

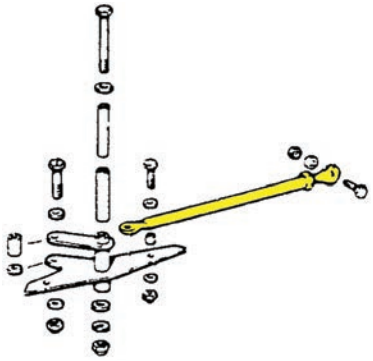
40% off Piper!
P/N CA62766-000

- High quality 4130 steel construction
- Replaceable aft rod end bearing (P/N CA452-334A)
- Includes ICA with improved inspection procedures

Save $$$



Manufactured by PMA Products, Inc.



Maintenance Tip:
PMA Products recommends replacement when there is:
- more than 0.010 inch radial free play in either bearing
- any corrosion on either bearing
- significant corrosion or other damage to the tube
- see ICA at www.mcfarlaneaviation/reference/ for details

FAA-PMA approved for:
PA-28-140, 150, 160, 180, 235, PA-28R-180, 200 (All serial numbers)
2 required per aircraft

Beechcraft Rod Ends

Loose Rod Ends can lead to control flutter! Save time and $$$ with our Aileron Rod Ends

- Increased corrosion protection
- Built to last!
- Save $$$



Flight control Rod Ends for Cessna and Piper also available.
See **Hardware** section for details.

Model	Serial Number	RH Thread MC002-381003-5 [2]	LH Thread MC002-381003-7 [3]
58, 58A	All	•	•
58P, 58TC	All	N/A	•
95-B55 [1], 95-B55A [1]	TC-1608 thru TC-2456	•	•
A36 [1]	E-1946, E-2111 thru E-3635	•	•
B36TC [1]	EA-0320, EA-0389 thru EA-9999	•	•
B60	All	•	N/A
E55 [1], E55A [1]	TE-943 thru TE-9999	•	•
G36, G58	All	•	•
V35B, V35B-TC	All	•	•

Notes:
[1] Partial model eligibility
[2] MC002-381003-5 replaces P/N 002-381003-1 and 002-381003-5
[3] MC002-381003-7 replaces P/N 002-381003-3 and 002-381003-7

Pitot Heater Element for Piper Aircraft

Manufactured by PMA Products, Inc.





Model	Part Number CA464-356	CA464-357	CA464-440	CA464-441
PA28-151	•	•		
PA28-161	•	•	•	•

Stall Warning Switch Assembly

P/N CA450-742N
Manufactured by PMA Products, Inc.



Beechcraft
35-33,35-A33,35-B33,35-C33,35-C33A, E33,E33A, F33,F33A,F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, C35, D35, E35, F35, G35
Piper
PA23-235,250, PA24-250,260,400, PA28-140, 150,151,160,161,180,181,235,236,201T
PA28R-180,200, 201,201T, PA28RT-201,201T
PA30, PA31-300,325,350, PA32-260,300
PA32R-300
PA34-200
PA38,PA39

Aileron Hinges for Piper Aircraft

FAA-PMA/STC approved direct replacement
Hinge pins are Teflon coated



P/N 62371-108



P/N CA35636-100

Manufactured by PMA Products, Inc.

Aircraft	62371-108 Qty per AC	CA35636-100 Qty per AC
PA-28-140	4	
PA-28-150	4	
PA-28-151 [1]		2
PA-28-160	4	
PA-28-161		2
PA-28-180	4	
PA-28-181	4	2
PA-28-201T	4	2
PA-28-235	4	
PA-28-236	4	2
PA-28-R180	4	
PA-28R-200	4	
PA-28R-201	4	2
PA-28R-201T	4	2
PA-28RT-201	4	2
PA-28RT-201T	4	2
PA-32-260	4	
PA-32-300	4	
PA-32RT-300, 300T	4	
PA-34-200	4	

Note:
When both P/Ns are eligible, verify by length: 62371-108 is 5" and CA35636-100 is 7.5"
[1] S/Ns 28-7615001 and on

Aluminum Aileron Hinge for Cessna

P/N MC0523816-1
Replaces P/N 0523816-1 and 0523807
FAA-PMA approved for:Cessna 150, 152, 170, 172, 175, 180, 182, 185, 205, and 210

- Selective fit, positive capture, and stainless steel pin
- Anodized for corrosion and wear resistance
- No hinge looseness to start vibration wear
- No cotter keys to fail



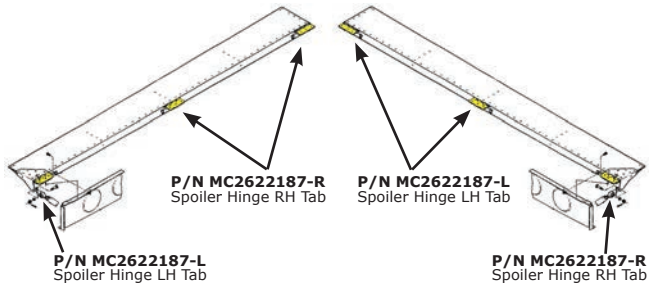
Caravan Spoiler Hinges

Improved McFarlane hinges feature selective fit pins for a longer service life

P/N MC2622187-L (Replaces 2 each 2622187-7, 1 each 2622226-1)
P/N MC2622187-R (Replaces 2 each 2622187-7, 1 each 2622226-2)

- Save $$$
- FAA-PMA direct replacement
- Eligible for all Cessna Caravan 208,208B
- Selective fit pins
- No looseness in the hinge to start vibration wear

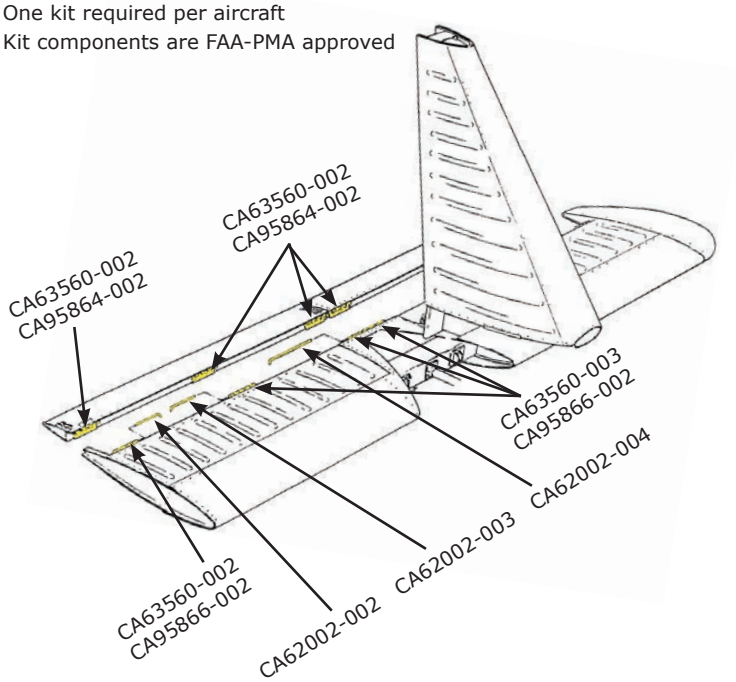




Stabilator Trim Tab Hinges for Piper Aircraft

Another convenient fit from McFarlane!

- Pins and hinge halves each sold separately or as convenient kits
- One kit required per aircraft
- Kit components are FAA-PMA approved



Aircraft	Trim Tab Hinge Kit	Trim Tab Pin Only Kit
PA-28-140, 150, 151, 160, 161	PTH-KT-1	PTP-KT-1
PA-28-180	PTH-KT-1 1	PTP-KT-1
PA-28-181	PTH-KT-1	PTP-KT-1
PA-28-201T	PTH-KT-1	PTP-KT-1
PA-28-235	PTH-KT-1 2	PTP-KT-1
PA-28-236	PTH-KT-1	PTP-KT-1
PA-28R-180	PTH-KT-1	PTP-KT-1
PA-28R-200	PTH-KT-1 3	PTP-KT-1
PA-28R-201, 201T	PTH-KT-1	PTP-KT-1
PA-28RT-201, 201T		PTP-KT-1
PA-32-260	PTH-KT-1	PTP-KT-1
PA-32-300, PA-32R-300	PTH-KT-1	PTP-KT-1
PA-32-301, 301T	PTH-KT-1	PTP-KT-1
PA-32R-301, 301T	PTH-KT-1	PTP-KT-1
PA-32RT-300, 300T		PTP-KT-1
PA-34-200, 200T, 220T	PTH-KT-2	PTP-KT-2
PA-44-180, 180T		PTP-KT-1

Kits are eligible for all serial numbers of each model unless noted below.
1 S/Ns 28-671 thru 28-7205328 and 28-7305001 thru 28-7505260 only
2 S/Ns 28-10001 thru 28-7210023 and 28-7310001 thru 28-7710089 only
3 S/Ns 28R-35001 thru 28R-7135238 and 28R-7235001 thru 28R-7635545 only

Qty	Part Number	Description
Kit P/N PTH-KT-1 Components		
2	CA62002-002	Pin, Hinge, Outboard
2	CA62002-003	Pin, Hinge, Center
1	CA62002-004	Pin, Hinge, Inboard
8	CA63560-002	Hinge Half
4	CA63560-003	Hinge Half
Kit P/N PTP-KT-1 Components		
2	CA62002-002	Pin, Hinge, Outboard
2	CA62002-003	Pin, Hinge, Center
1	CA62002-004	Pin, Hinge, Inboard
Kit P/N PTH-KT-2 Components		
4	CA62002-003	Pin, Hinge, Outboard or Center
1	CA62002-004	Pin, Hinge, Inboard
6	CA95864-002	Hinge Half
6	CA95866-002	Hinge Half
Kit P/N PTP-KT-2 Components		
4	CA62002-003	Pin, Hinge, Outboard or Center
1	CA62002-004	Pin, Hinge, Inboard



P/N CA63560-002



P/N CA95864-002



P/N CA63560-003



P/N CA95866-002

P/N CA62002-002

P/N CA62002-003

P/N CA62002-004

Manufactured by PMA Products

Rudder and Elevator Hinge Bearing Kits for Cessna Caravan Aircraft

- Convenient kits include bearings and all attaching hardware
- Kits for aircraft equipped with and without hinge modification service kits
- One elevator kit and one rudder kit required per aircraft
- Industry standard hardware

Cessna issued several non-mandatory service bulletins and service kits for the rudder and elevator hinge bearings on the Caravan due to a corrosion issue with the needle bearing. The service kits require modification to the hinge structure (not just the bearing itself). The new bearing is a different size than the "original" design, so the mounting hardware is also different. Because of these structural changes, any aircraft that has had the service kits installed cannot use hardware from a non-service kit aircraft. McFarlane offers kits for both configurations.



Aircraft	Serial Number	Elevator Kit P/N	Rudder Kit P/N
208	20800001 thru 20800221	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208	20800222 thru 20899999	EBC-KT-7	RBC-KT-9
208A	20800007 thru 20800102	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208B	208B0001 thru 208B0318	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208B	208B0319 thru 208B9999	EBC-KT-7	RBC-KT-9

1 With SK208-102, SK208-106, & SK208-107 installed
2 Without SK208-102, SK208-106, & SK208-107 installed
3 With SK208-99, SK208-104 and SK208-105 installed
4 Without SK208-99, SK208-104 and SK208-105 installed

Save $$$



EBC-KT-7 Components			EBC-KT-8 Components			RBC-KT-9 Components			RBC-KT-10 Components		
Qty	Part Number	Desc.	Qty	Part Number	Desc.	Qty	Part Number	Desc.	Qty	Part Number	Desc.
4	AN4-12	Bolt	4	AN5-10	Bolt	3	AN4-12	Bolt	3	AN4-11	Bolt
1	AN4-13	Bolt	1	AN5-13	Bolt	3	MS17825-4	Nut	3	MS17825-4	Nut
5	MS17825-4	Nut	5	MS17825-5	Nut	3	MS24665-134	Cotter Pin	3	MS24462-4	Bearing
4	MS24665-134	Cotter Pin	5	MS24461-5	Bearing	3	MS27641-4	Bearing	3	MS24665-134	Cotter Pin
1	MS24665-136	Cotter Pin	4	MS24665-134	Cotter Pin	3	NAS1149F0432P	Washer	3	NAS1149F0432P	Washer
5	MS27641-4	Bearing	1	MS24665-136	Cotter Pin	6	NAS1149F0463P	Washer	6	NAS1149F0463P	Washer
4	NAS1149F0432P	Washer	10	NAS1149F0563P	Washer						
6	NAS1149F0463P	Washer									

Kit components also available separately.

Hinge and Bellcrank Bearing for Cessna Aircraft

P/N MS24462-4

Hard to find, frequently replaced! Buy from McFarlane and save $$$



Aircraft Model	Aileron Hinge	Elevator Bellcrank	Center Elev. Hinge	Rudder Hinge	Elevator Hinge	Rudder Bellcrank
172, 175						1
177, 177A,B, 177RG, F177RG	6					
180, 180A,B,C,D,E,F,G,H,J,K			1		4	
182, 182A,B,C,D			1		4	
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T, 182J,K,L,N, F182P,Q, FR182, R182, T182, T182T, TR182			1		4 1	
185, 185A,B,C,D,E, A185E,F			1		4	
188, 188A,B, A188, A188A, A188B, T188C	6				4	
210-5 (205), 210-5A (205A)			1	1	4	
206, U206, U206A,B,C,D,E	4		1		4	
206H, T206H	4	1	1		4 2	
P206, P206A,B,C,D,E	4		1			
TP206A,B,C,D,E, TU206A,B,C,D,E	4		1		4	
TU206F,G, U206F,G			1		4	
207, 207A, T207, T207A	4	1	1		4	
210, 210A			1		4	
210B,C			1	1	4	
210D,E,F	4	1	1	1	4	
210G,H,J			1		4	
210K,L,M	6	1	2		4	
210N,R	6	1	1		4	
P210N	6	1	1			
P210R	6	1	1		4	
T210F	4	1	1	1	2	
T210G,H,J			1		4	
T210K,L,M	6	1	2		4	
T210N,R	6	1	1		4	

1 182T S/N 18280945 thru 1821642; T182T S/N 18208001 thru 18208447 only
2 For installation on 206H, T206H S/N 20608001 thru 20608956 & T20608001 thru T20608956 only

Supersedure Table	
Old P/N	New P/N
4NBC612ZP	MS24461-4
4NCC910P	MS24462-4
AR4-1	MS24462-4
NAS296-4A	MS24462-4
NAS505-4	MS24461-4
NAS506-4	MS24462-4

Aileron and Elevator Bearing for Cessna Aircraft

P/N MS24461-4

Used as aileron and elevator bearings on many single engine Cessna aircraft





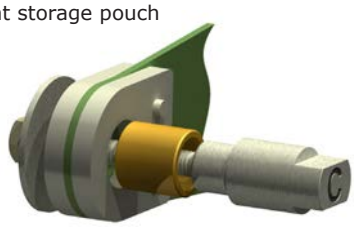
Elevator and Rudder Bearing Installation Tool for Cessna Aircraft

Makes pressing bearings in or out easy!

P/N 990

This unique tool is specifically designed to prevent damage when installing and removing ***sintered bronze*** rudder and elevator hinge bearings contained in kits EBC-KT-1 thru 5 and RBC-KT-1 thru 8.

- Eight piece kit for all sizes of sleeve bearings
- Heat treated stainless steel will last a lifetime
- Comes in a convenient storage pouch







Rudder and Elevator Bushing Kits for Cessna Aircraft

Solves all fit problems!

McFarlane supplies two bushing sizes for each hinge location.
This allows a selective fit and solves the common Cessna fit and interference problems.

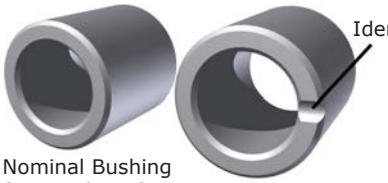
See next page for kit components

- Hardened corrosion resistant stainless steel
- Cessna models 120 thru 177
- All components are also available separately
- Convenient kits include all bushings, sintered bronze bearings, and hardware for one aircraft

  Note: Kits do not include bellcrank bearings or bushings



CONTROL HINGE BUSHING IDENTIFICATION



Nominal Bushing
(No markings)

Oversized Bushing
(Identified by Notch)

Model	Serial Number	Elevator Bushing Kit	Rudder Bushing Kit
120,140,140A	All	EBC-KT-6	RBC-KT-8
150,150A,B,C,D,E	All	EBC-KT-1	RBC-KT-1
150F,G,H,J	All	EBC-KT-1	RBC-KT-2
150K 1, A150K 1	150K S/N 15071129 thru 15071621 and A150K S/N A1500001 thru A1500129	EBC-KT-1	RBC-KT-3
150K 1,L,M, A150K 1,L,M	150K S/N 15071622 thru 15072003 and A150K S/N A1500130 thru A1500226	EBC-KT-2	RBC-KT-3
A-150L, A-A150L	All	EBC-KT-2	RBC-KT-3
F150F,G,H,J	All	EBC-KT-1	RBC-KT-2
F150K,L 1, FA150K 1	F150L S/N F15000659 thru F15000699, FA150K S/N FA1500001 thru FA1500039	EBC-KT-1	RBC-KT-3
F150L 1,M, FA150K 1,L,M	F150L S/N F15000700 thru F15001143, FA150K S/N FA1500040 thru FA1500081	EBC-KT-2	RBC-KT-3
FRA150L,M	All	EBC-KT-2	RBC-KT-3
152 1, A152 1	152 S/N 15279406 thru 15285833 and A152 S/N A1520735 thru A1521025	EBC-KT-3	RBC-KT-3
	152 S/N 15285834 thru 15286033 and A152 S/N A1521026 thru A1521049	EBC-KT-4	RBC-KT-3
F152 1, FA152 1	F152 S/N F15201429 thru F15201943 and FA152 S/N FA1520337 thru FA1520387	EBC-KT-3	RBC-KT-3
	F152 S/N F15201944 thru F15201980 and FA152 S/N FA1520388 thru FA1520425	EBC-KT-4	RBC-KT-3
170, 170A,B	All		RBC-KT-11
172, 175	172 S/N 28000 thru 46754 and 175 S/N 55001 thru 56238	EBC-KT-5	RBC-KT-4 or RBC-KT-4A 4
172A,B,C 1, 175A,B,C 1	172A,B,C S/N 46755 thru 17249085 and 175A,B,C S/N 56239 thru 17557064	EBC-KT-5	RBC-KT-5
172C 1, 175C 1	172C S/N 17249086 thru 17249544 and 175C S/N 17557065 thru 17557119	EBC-KT-5	RBC-KT-6
172D,E,F,G,H,I,K,L,M,N,P1	S/N 17249545 thru 17275963	EBC-KT-5	RBC-KT-6
172P 1,Q,R,S	S/N 17275964 and On	EBC-KT-5	RBC-KT-7
172RG, P172D, R172K	All	EBC-KT-5	RBC-KT-6
F172D,E,F,G,H,K,L,M,N,P 1	S/N F172-0001 thru F17202208	EBC-KT-5	RBC-KT-6
F172P 1	S/N F17202209 thru F17202254	EBC-KT-5	RBC-KT-7
FP172, FR172E,F,G,H,J,K	All	EBC-KT-5	RBC-KT-6
177,177A,B,177RG,F177RG	All	No kit available	MC0532104K Bushing Only

1 Partial model eligibility.

See next page!

Rudder and Elevator Bushing Kits continued from previous page

Kit Components

Rudder Bushing Kit Components			
Kit P/N	**Qty**	**Part Number**	**Description**
RBC-KT-1	1	MCS1003-65A	Bearing
	1	MC0432003-1K	Bushing 5
	1	AN3-7A	Bolt
	1	NAS1149F0363P	Washer
RBC-KT-2	3	MCS1004-42A	Bearing
	3	MC0532104K	Bushing 5
	3	AN4-11A	Bolt
	3	NAS1149F0463P	Washer
	3	MS21042L4	Nut
RBC-KT-3	3	MCS1004-42A	Bearing
	3	MC0532104K	Bushing 5
	3	AN4-10A	Bolt
	3	NAS1149F0463P	Washer
	3	MS21042L4	Nut
RBC-KT-4 4	2	MCS1003-29A	Bearing
	2	MC0532104K	Bushing 5
	2	AN4-11A	Bolt
	2	NAS1149F0463P 3	Washer
	2	MS21042L4 3	Nut
RBC-KT-4A 4	1	RBC-KT-4	Rudd. Bushing Kit
	1	AN4-13A	Bolt
	1	MS21042L4	Nut
	1	MS24462-4	Bearing
	1	NAS1149F0432P	Washer
	1	NAS1149F0463P	Washer
RBC-KT-5	2	MCS1003-29A	Bearing
	1	MCS1004-42A 2	Bearing
	3	MC0532104K	Bushing 5
	3	AN4-11A	Bolt
	3	NAS1149F0463P	Washer
RBC-KT-6	2	MCS1003-29A	Bearing
	1	MCS1004-42A 2	Bearing
	3	MC0532104K	Bushing 5
	3	AN4-11A	Bolt
	2	NAS1149F0463P 3	Washer
	2	MS21042L4 3	Nut
RBC-KT-7	2	MCS1003-29A	Bearing
	1	MCS1004-42A 2	Bearing
	3	MC0532104K	Bushing 5
	3	AN4-11A	Bolt
	2	NAS1149F0432P 3	Washer
	2	MS21042L4 3	Nut
RBC-KT-8	2	MC0431119K	Bushing 5
	2	MCS1003-11A	Bearing
	2	AN3-7A	Bolt
	2	MS21044N3	Nut
RBC-KT-11	2	AN4-11A	Bolt
	2	MS21044N4	Nut
	2	S1K5	Bearing

Elevator Bushing Kit Components			
Kit P/N	**Qty**	**Part Number**	**Description**
EBC-KT-1	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing 5
	2	AN3-7A	Bolt
	2	NAS1149F0363P	Washer
EBC-KT-2	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing 5
	2	AN3-7	Bolt
	2	NAS1149F0363P	Washer
	2	AN310-3	Nut
	2	MS24665-132	Pin
EBC-KT-3	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing 5
	2	AN3-7A	Bolt
	2	NAS1149F0363P	Washer
	2	MS21044N3	Nut
EBC-KT-4	2	MCS1003-28A	Bearing
	2	MC0432173-3K	Bushing 5
	2	AN4-7A	Bolt
	2	NAS1149F0463P	Washer
	2	MS21042L4	Nut
EBC-KT-5	4	MCS1003-29A	Bearing
	4	MC0532104K	Bushing 5
	4	AN4-11A	Bolt
	4	NAS1149F0463P	Washer
	4	MS21042L4	Nut
EBC-KT-6	4	MC0422215	Bushing
	4	S1997-7G8	Bearing
	4	AN4-11A	Bolt
	4	MS21044N4	Nut

Notes:

2 Lower Hinge Only

3 Center and Lower Hinge Only

4 Kit RBC-KT-4 contains components to service the upper and middle hinges. Kit RBC-KT-4A contains components to service the upper, middle and lower (bellcrank) hinges.

5 Bushing part numbers MC0431119K, MC0432003-1K, MC0432173-3K and MC0532104K include a nominal bushing (with no "K" suffix), an oversized bushing (with a "P1" suffix), and selective fit instructions. **Example:** MC0432003-1K includes nominal bushing MC0432003-1 and oversized bushing MC0432003-1P1.

Control Lock

P/N 2660055-1RA

Caravan 208/208B

- Direct replacement
- Significantly lower cost $$$



Manufactured by Royal Air Products

Rudder Gust Lock

Restrain the rudder when parked!

Caravan 208 and 208B P/N ATI-4111-1

Daher Kodiak 100 P/N QK-4111-1

- Avoid rudder damage during windy conditions
- Can be disengaged with the elevator



Manufactured by Aero Twin, Inc.

Tail Stand

P/N ATI-STAND

Cessna Caravan 208/208B

Daher Kodiak

- Safely load passengers or cargo
- Red and yellow for high visibility
- Quick pin allows easy installation
- Easily store in the aft cargo pod bay when not in use



Manufactured by Aero Twin, Inc.

Cessna Bonding Straps

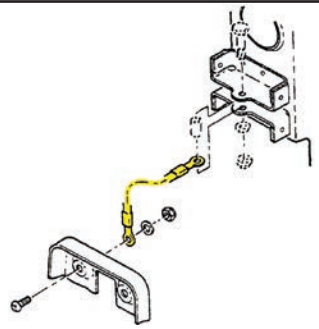
FAA-PMA approved direct replacements for 1517102 series bonding straps

Used for grounding aircraft control surfaces. Bonding Straps have a short life due to work hardening and related metal fatigue failure from the moving controls.

- Offered at a fraction of the price!
- Frequently replaced



P/N MC1570102-29



Model	Serial Number	P/N	Aileron	Aileron, Static Discharge Wick	Bendix King Weather Radar	Elevator	Elevator, Static Discharge Wick	Elevator, Trim Tab	Gwx 68 Weather Radar	Narco Weather Radar	Rudder	Rudder, Static Discharge Wick	Stabilator	Stabilizer	Static Discharge Wick	Vertical Fin	Wingtip Light
150M 1, A150M 1 F150M 1, FA150M 1	15077006 thru 15079405 A1500610 thru A1500734 F15001249 thru F15001428 FA1500282 thru FA1500336	MC1570102-10															2
		MC1570102-18									1						
		MC1570102-19	2														
		MC1570102-20				2											
152 1, A152 1 F152 1, FA152 1	15279406 thru 15284541 A1520735 thru A1520943 F15201429 thru F15201828 FA1520337 thru FA1520372	MC1570102-18									1						
		MC1570102-19	2														
		MC1570102-20				2											
		MC1570102-26															2
	15284542 thru 15285833 A1520944 thru A1521025 F15201829 thru F15201943 FA1520373 thru FA1520387	MC1570102-19	2														
		MC1570102-20				2											
		MC1570102-26															2
	15285834 thru 15286033 A1521026 thru A1521049 F15201944 thru F15201980 FA1520388 thru FA1520425	MC1570102-14				2											
		MC1570102-19	2														
		MC1570102-26															2
172M 1,N,P,Q, 172RG F172M 1,N,P	17265685 thru 17276654 172RG0001 thru 172RG1191 F17201385 thru F17202254	MC1570102-12									1						
		MC1570102-14				2											
		MC1570102-19	2														
		MC1570102-26															2
172R 1	17280001 thru 17281566	MC1570102-12									1						
		MC1570102-14				1											
		MC1570102-19	2														
		MC1570102-26															2
	17281567 thru 17281568	MC1570102-12									1						
		MC1570102-14				1											
		MC1570102-26															2
	17281569 and On	MC1570102-14				1											
		MC1570102-26															2
		MC1570102-36									1						
172S 1	172S8001 thru 172S11004	MC1570102-12									1						
		MC1570102-19	2														
	172S11005 thru 172S11034	MC1570102-12									1						
	172S11035 and On	MC1570102-36									1						
FR172J 1,K, R172K	FR17200560 thru FR17200675 R1722000 thru R1723454	MC1570102-10															2
		MC1570102-12											1				
		MC1570102-14				2											
		MC1570102-19	2														
177B 1	17702314 thru 17702752	MC1570102-1															2
		MC1570102-12															1
177RG 1	177RG0787	MC1570102-12												1			
177RG 1 F177FG 1	177RG0788 thru 177RG1366 F177RG0139 thru F177RG0177	MC1570102-1	1								1						
		MC1570102-12												1			
180J 1,K 1	18052621 thru 18053203	MC1570102-1					4										
		MC1570102-16		2								1					
182P 1,Q 1,R *(continued on next page)*	18260826 thru 18261425	MC1570102-10															1
	18261426 thru 18262465	MC1570102-10															1
		MC1570102-1				2											
		MC1570102-8									2						
	18262466 thru 18264295	MC1570102-10															1
		MC1570102-1				2											
		MC1570102-12									1						
	18264296 thru 18266590	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-16	1														1

Continued on next page

Bonding Straps continued from previous page

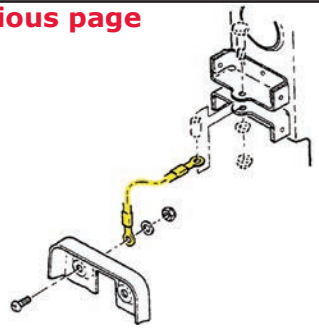
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P/N MC1570102-29



Model	Serial Number	P/N	Aileron	Aileron, Static Discharge Wick	Bendix King Weather Radar	Elevator	Elevator, Static Discharge Wick	Elevator, Trim Tab	Gwx 68 Weather Radar	Narco Weather Radar	Rudder	Rudder, Static Discharge Wick	Stabilator	Stabilizer	Static Discharge Wick	Vertical Fin	Wingtip Light
182P [1],Q [1],R *(continued from previous page)*	18266591 and On	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-16	1														
182S,T, T182, T182T	All	MC1570102-1				1											
		MC1570102-12									1						
		MC1570102-16	1														
F182P,Q [1]	F18200001 thru F18200094	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-16	1														1
	F18200095 and On	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-16	1														
FR182 [1], R182, TR182	FR182000001 thru FR18200020	MC1570102-1				2											
		MC1570102-8									1						
		MC1570102-12									1						
		MC1570102-16	1														
	FR18200021 and On	MC1570102-1				2											
		MC1570102-8									1						
		MC1570102-12									1						
A185F [1]	18502839 thru 18504448	MC1570102-1					4										
		MC1570102-16		4								4					
TU206F [1],G, U206F [1],G	TU20601701 thru TU20601918	MC1570102-12									1						
	TU20601919 thru TU20603020	MC1570102-8									1						
		MC1570102-12									1						
	TU20603021 thru TU20603521	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-21	2														
	TU20603522 and On	MC1570102-1				2											
		MC1570102-10															2
		MC1570102-12									1						
		MC1570102-21	2														
206H, T206H	All	MC1570102-1				2											
		MC1570102-12									1						
		MC1570102-21	2														
207, 207A, T207, T207A	20700001 thru 20700217	MC1570102-10															2
	20700218 thru 20700314	MC1570102-8									1						
		MC1570102-10															2
		MC1570102-12									1						
	20700315 and On	MC1570102-10															2
		MC1570102-12									1						
		MC1570102-21	1														
208, 208B	20800001 thru 20800499 20800518 thru 20899999 208B0180 thru 208B1999 208B2159 thru 208B9999	MC1570102-21									2						
		MC1570102-27														1	
		MC1570102-28				3											
		MC1570102-29				1											
		MC1570102-32	1														
		MC1570102-34				4											
		MC1570102-35			5				5	5							
210L [1] ,M,N [1] T210L [1] ,M,N [1] *(continued on next page)*	21059720 thru 21061039	MC1570102-1	2			2											
		MC1570102-8									1						
		MC1570102-10															2

Continued on next page

Bonding Straps continued from previous page

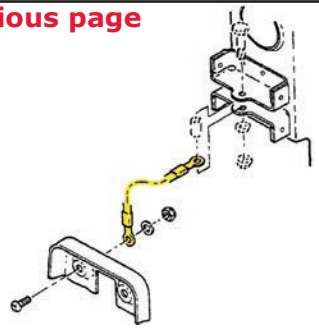
FAA-PMA approved direct replacements for 1517102 series bonding straps

Used for grounding aircraft control surfaces. Bonding Straps have a short life due to work hardening and related metal fatigue failure from the moving controls.

- Offered at a fraction of the price!
- Frequently replaced



P/N MC1570102-29



Model	Serial Number	P/N	Aileron	Aileron, Static Discharge Wick	Bendix King Weather Radar	Elevator	Elevator, Static Discharge Wick	Elevator, Trim Tab	Gwx 68 Weather Radar	Narco Weather Radar	Rudder	Rudder, Static Discharge Wick	Stabilator	Stabilizaer	Static Discharge Wick	Vertical Fin	Wingtip Light
210L [1] ,M,N [1] T210L [1] ,M,N [1] *(continued from previous page)*	21061040 thru 21064135	MC1570102-1	2			2											
		MC1570102-8									1						
	21064136 thru 21064897	MC1570102-1	1			1											
		MC1570102-12									1						
	21064898 thru 21065009	MC1570102-1											1				
		MC1570102-12									1						
P210N,R	All	MC1570102-1	2			2							2				
		MC1570102-12									1						
T303	All	MC1570102-1				2					1						
		MC1570102-14	2														
337G [1], F337G [1]	33701463 thru 33701606 F3370056 thru F33700071	MC1570102-1				1										2	
		MC1570102-8									2						
337G [1], 337H, F337G [1], F337H	33701607 thru 33701950 F3370072 thru F3379999	MC1570102-1				1										2	
FT337GP [1], FT337HP [1], P337H [1], T337G [1]	FP3370001 thru FP3370013 P3370001 thru P3370193	MC1570102-1						1								1	
		MC1570102-8									2						
		MC1570102-10															1
	FP3370014 thru FP3379999 P3370194 thru P3370356	MC1570102-1						1								1	
		MC1570102-8									2						
T337H	All	MC1570102-1				1										2	
T337H-SP	All	MC1570102-1					1									1	
		MC1570102-8									2						

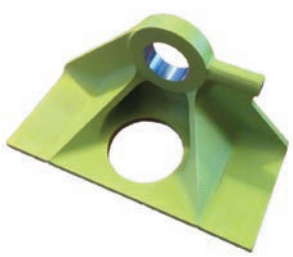
[1] Partial model eligibility
[2] Applicable to S/N 20800146 thru 20899999 and 208B0001 thru 208B9999.
[3] Applicable to S/N 20800001 thru 20800221 and 208B0001 thru 208B0318.
[4] Applicable to S/N 20800222 thru 20899999 and 208B0319 thru 208B9999.
[5] Model 208 S/N 20800001 thru 20800246 require (1) for Bendix Weather Radar and (1) for Narco Weather Radar.
S/N 20800247 thru 20800499 require (1) for Bendix King Weather Radar.
S/N 20800518 thru 20800581 require (1) for GWX Weather Radar.
Model 208B S/N 208B0180 thru 208B0498 require (1) for Bendix Weather Radar and (2) for Narco Weather Radar.
S/N 208B0418 thru 208B1999 require (2) for Bendix King Weather Radar.
S/N 208B2159 thru 208B5271 require (2) GWX 68 Weather Radar.

Stabilator Brackets for Helio H-295 Courier Aircraft

Left Hand P/N AF391-022-401-2
Right Hand P/N AF391-022-401-3

Stronger than original welded assemblies! Manufactured from high-strength material and machined from a single billet

- Cad plated and primed for more durability
- Sold as a match-machined set
- Mounting holes are match drilled at installation to ensure exact fit!



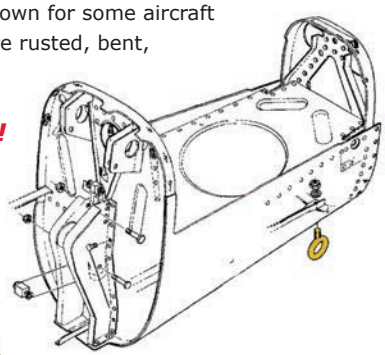
Tail Tie Down Eye Bolts

Save money with McFarlane's affordable eye bolts!

FAA-PMA approved for the tail tie down for most Cessna aircraft

- Also approved for wing and fuselage tie down for some aircraft
- Replace your tie down eye bolts if they are rusted, bent, or ground flat from a tail low landing

Eligibility on the next page!





P/N MC0523613-1



P/N MC0422344



P/N MC0523613-4

Tail Tie Down Eye Bolts continued from previous page

Save money with McFarlane's affordable eye bolts!

FAA-PMA approved for the tail tie down for most Cessna aircraft

- Also approved for wing and fuselage tie down for some aircraft
- Replace your tie down eye bolts if they are rusted, bent, or ground flat from a tail low landing



		Fuselage	Tail				Wing
		MC0422344	MC0422344	MC0422344	MC0523613-1	MC0523613-4	MC0422344
Aircraft Model	**Serial Number**						
150, 150A,B,C,D,E,F,G,H,J, F150F,G,H,J	All				1		
150K,L,M, A150K,L,M, F150K,L,M, FA150K,L,M, FRA150L,M	All					1	
152, A152, F152, FA152	15279406 thru 15284541, A1520735 thru A1520943 F15201429 thru F15201828, FA1520337 thru FA1520372				1		
	15284542 and on, A1520944 and on, F15201829 and on, FA1520373 and on					1	
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S, F172D,E,F,G,H,K,L,M,N,P, FR172E,F,G,H,J,K, P172D, R172K	All	1	1				
172RG, R172E,F,G,H	All		1				
175, 175A,B,C	All	1	1				
180, 180A,B,C,D,E,F	All [1]			1			
182, 182A,B,C,D	All	1	1				
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T	All		1				
F182P,Q, FR182, R182, T182, T182T, TR182	All		1				
188, 188A,B, A188, A188A, A188B, T188C	All						2
188, 188A, A188, A188A	All	5					
190, 195, 195A,B	All						2
210-5 (205), 210-5A (205A)	All		1				
206, 206H, U206, U206A,B,C,D,E,F,G, P206, P206A,B,C,D,E, T206H, TP206A,B,C,D,E, TU206A,B,C,D,E,F,G	All [1] [2]		1				
207, 207A, T207, T207A	All		1				
208, 208B	All		1				
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, P210N,R, T210F,G,H,J,K,L,M,N,R	All		1				
310, 310B,C,D,F,G,H,I,J,J-1,K, E310H,J	All						2
320, 320-1, 320A,B,C	All						2
336, 337, 337A,B, T337B	All						2

[1] Includes Amphibian and floatplane aircraft.
[2] Amphibian and floatplane aircraft use two each instead of one.

Three Hole Inspection Plates

Now offering FAA-PMA replacement inspection plates for Cessna aircraft
Multiple finish options and cost savings!

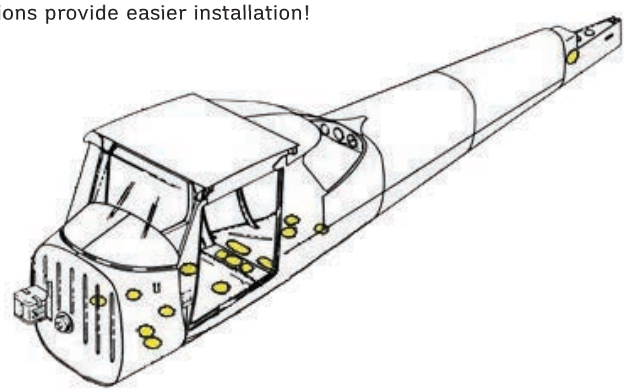
A more cost effective solution to replace your missing or corroded plates.

- Bare, primed, or painted — more options provide easier installation!
- Treated for anti-corrosion
- Save up to 50%
- Quantity discount available!

See aircraft eligibility on next page

MCS225-2 has dimpled holes
MCS225-1 has plain holes

You pick the finish!
Wash primed and epoxy-primed
Primed
P/N MCS225-1 or MCS225-2
Bare
P/N MCS225-1B or MCS225-2B
Painted
P/N MCS225-1T or MCS225-2T



Save time with easier installation and multiple finish options!



5 inches diameter

Three Hole Inspection Plates continued

Now offering FAA-PMA replacement inspection plates for Cessna aircraft
Multiple finish options and cost savings!

A more cost effective solution to replace your missing or corroded plates.

- Bare, primed, or painted — more options provide easier installation!
- Treated for anti-corrosion
- Save up to 50%
- Quantity discount available!

Aircraft	P/N[1]	Cabin Heating & Ventilation	Elevator	Cabin Floorboard	Forward Fuselage	Fuel Bay	Fuselage	Horizontal Stabilizer	Leading Edge	Lower Cabin	Skins	Stabilator	Stringers	Tailcone	Wing	Wing Assembly	Wing Skin Assembly	Wing Strut	Wing-Integral Fuel Cell
150, 150A,B,C,D,E,F,G	MCS225-1		•				•					•				•			
150H	MCS225-1	•	•				•					•				•			
	MCS225-2															•			
150J	MCS225-1		•				•					•				•			
	MCS225-2															•			
150K,L,M, A150K,L,M	MCS225-1						•	•								•			
	MCS225-2															•			
152	MCS225-1						•	•								•			
	MCS225-2															•			
A152	MCS225-1							•											
	MCS225-2															•			
172, 172A	MCS225-1															•			
172B,C	MCS225-1						•									•			
172D,E,F,G,H,I,K,L	MCS225-1						•								•				
172M,N	MCS225-1						•								•				
	MCS225-2														•				
172P,Q	MCS225-1						•								•				•
	MCS225-2														•				•
172R	MCS225-1					•	•				•		•						
	MCS225-2										•		•						
172S	MCS225-1						•												
	MCS225-2										•		•						
175, 175A,B,C	MCS225-1															•			
182E	MCS225-1						•			•				•					
	MCS225-2															•			
182F,G	MCS225-1						•			•									
	MCS225-2															•			
182H,J,K,L,M	MCS225-1															•			
	MCS225-2															•			
182N	MCS225-1						•							•		•			
	MCS225-2															•			
182P	MCS225-1						•							•		•		•	
	MCS225-2															•			
182Q,R	MCS225-1				•					•				•		•			
	MCS225-2															•			
182S,T, T182T	MCS225-1					•	•			•				•					
	MCS225-2								•		•		•						
T182	MCS225-2																	•	
206H,T206H	MCS225-1			•											•		•		
U206F,G, TU206F,G	MCS225-1														•				
	MCS225-2														•				

Note:
[1] The part numbers listed are Primed. To purchase Bare add "B" suffix or Top Coat add "T" suffix.



Can You Stop Nose Gear Shimmy?

By Dave McFarlane

*Nose gear shimmy is destructive and not normal! And yes, **it can be stopped**. Never allow any amount of nose gear shimmy to continue. **The quicker you take action**, the easier it will be to stop it.*

"A Cessna nose wheel is supposed to shimmy."

"You can't really stop it."

"All the Pipers do it."



You have heard similar comments many times. My response is always the same question. "Did it shimmy when it was new?" I would like to share with you our experience in solving this problem.

I will bore you with the routine detail of what to look for and how to fix the mechanical issues that allow shimmy to get started in a minute. First, let's talk about the physics of nose gear shimmy. Years ago and after a lot of frustration by us and our customers and a lot of experimenting, we discovered what was causing our shimmy problems. We observed that uncorrectable nose gear shimmy seemed to only happen on hard surface runways and rarely on turf runways. Our customers reported that they could stop the shimmy by either taking weight off the nose gear with the elevator or applying the brakes putting more weight on the nose gear. It didn't seem logical that just changing the weight on the nose gear could affect shimmy since the airplane is designed to function with different loading on the nose gear and the weight change does not significantly change the nose gear geometry. We guessed that our customer's shimmy might have been stopped by the fact that the changing nose weight also changed the tire shape. We assumed that when the tire shape changes so does the contact profile of the tire to the runway. We had already done all of the normal things to perfect the nose gear and shimmy damping system rigging and mechanicals. The customer's tire seemed fine with no unusual wear patterns that could be detected. We still had shimmy! In frustration, an experiment was done by removing some tread rubber from the tire. It did not seem to be a logical solution, but it worked. The shimmy went away!

There are some interesting dynamics going on during the shimmy action (besides trying to vibrate your airplane apart). When the nose tire is shimmying down the runway it is oscillating from pointing left and then pointing right many times per second while the airplane is going straight. The greater the tire angle diverges from straight ahead, the greater the shimmy inertia and energy.
Since the oscillations are equal in divergence angle and time duration, the rubber on your tire is being scuffed in a uniform and distinct pattern that repeats its self each revolution of the tire. This wear pattern shape is directly
related to the tire shape created by the amount of weight on the nose tire, the tire pressure, and the speed of the aircraft. The frequency of the shimmy is a derivative of these factors. You might have noticed a braking feel to the airplane when severe shimmying is happening. The braking is from the nose tire skidding sideways during the more extreme angle divergent portion of the shimmy cycle. Since shimmy generally takes place for a short time, the early stages of this wear pattern are microscopic and hard to detect visually or by feeling the tire tread by hand. After the first shimmy, the then created wear pattern tends to start the oscillating
action when the airplane speed and nose gear weight matches the speed and weight that the airplane was traveling when the shimmy wear pattern was created. You might have noticed that shimmy starts at about the same landing or taxiing speed each time. The results are that the shimmy gets worse every time it
happens even if the mechanical issues that let it start shimmying the first time have been corrected and the shimmy dampener is working and trying to do its job. The shimmy dampener simply is not strong enough to prevent shimmy when a nose tire has an
established shimmy wear pattern in the tread. The hidden mystery to this problem is that early shimmy wear patterns in the tire are virtually un-detectable.

Drop a plumb bob to determine aircraft center line



One of the hardest parts of proper rigging is determining where the nose tire is straight ahead.

The method we use is to create an airplane center line by dropping a plumb bob from the center of the firewall to the ground (center can be determined from the rivet pattern or measuring from the motor mount attachments) and again dropping the plumb bob from the center of the tail tie down hook. Mark both of the plumb bob points on the shop floor and create a chalk line mark between the points. This is your airplane center line. Extend the center line forward as close to the nose tire as possible.

Place a straight 2x4 stud or a piece of straight angle iron against the side of the nose tire. Adjust the nose wheel and tire until the 2x4 is parallel with the airplane center line. Check your results by placing the 2x4 on the other side of the tire. The 2x4 acts as a tire angle multiplier giving you measurable results.

Parallelism can be checked by simply measuring the distance between the 2x4 and the chalk line in two places. Be sure not to move the airplane while you make your nose gear alignment adjustments.

Prevention Tips

The key to shimmy problems is to prevent shimmy from starting in the first place. You have to start with the routine stuff that is in the service manuals. The Cessna Pilots Association has a very good article on fixing the mechanical issues associated with nose shimmy on Cessna airplanes. Their Tech Note No. 001, Revision 004 dated 04/15/2010 does a good job of describing and illustrating the system and directing corrective repairs. This tech note seems to parallel the Cessna Service Information Letter SE84-21 on the same subject.

Continued on next page

Continued from previous page

1 The first step in preventing the problem is to look for any un-damped nose gear movement. This is motion of the nose tire without the shimmy dampener moving. Looseness in the nose gear system cannot be detected with the nose wheel off the ground unless the pressure is released from the nose strut. When you move the nose wheel right and then left, the shimmy dampener should also move. If there is any un-damped motion, tighten or replace the worn components such as the torque link bushings and spacers, the steering collar, and shimmy dampener attachments.

2 Remove the shimmy dampener attachments. Check the shimmy dampener for proper fluid and proper operation. Check the dampener for seal condition and excessive wear in the piston and dampener bore. The dampener shaft must have considerable resistance to motion when moved quickly but move easily when moved slowly.

3 Nose gear rigging is important to prevent shimmy. If the steering rods or bungees are biased, damaged, or holding improper tension, shimmy can be started. The aircraft service manuals do a good job of describing proper nose gear rigging procedures. Wheel bearings must be in good condition and properly adjusted.

4 Bad bearings or adjustments can allow un-damped tire movement. Tire balance is also critical for preventing shimmy as an out of balance tire puts cyclic centrifugal loads on the tire tread. Out of round tires will do the same thing. One of the objectives of preventing shimmy is to not have any type of cyclic loads going into the tire system.

Check the tire itself for casing shift or other damage as follows:

- Take the weight off the nose tire for a period of time to let the tire take its proper shape.
- Assure that the tire is inflated to the proper pressure for the aircraft.
- Spin the tire by hand and look for any significant lateral divergence (tire wobble) or vertical divergence (out of round). The tire must rotate true, but a little out of round is normal.
- If tire casing shape problems are detected, let the tire stabilize longer without weight. If that does not correct the problem, the only fix is to replace the tire.
- If the tire casing seems to run out true and the tire is determined to be airworthy in all aspects, remove the shimmy wear pattern in the tire tread.

How do you remove rubber on a good tire to get rid of this mysterious and evil tread wear pattern that nobody can see or feel? We use an electric disc grinder that is used in the
weld shop for grinding welds and smoothing structural steel. Any large sanding disk power tool with a course grit disc or a belt sander would also work. There will be some rubber flying around the shop so this is a good job to do outside. Get someone else to do it if you have allergic reactions to latex

5 or rubber products. Block the nose gear off the ground and give the tire time to stabilize its shape without weight. Again assure that the tire has the correct inflation pressure. Touch the grinder to the tire at an angle that rotates the tire and removes rubber. With a little practice you will be able to control the tire rotational speed with small grinder angle adjustments. If you allow the tire to rotate too fast, very little rubber will be removed. If you allow the tire to rotate too slow, it is hard to remove the rubber evenly. Taxi speed tire rotation seems to work best. You can actually remove small "out of round" tire conditions by being steady with the grinder and allowing the grinder to work harder on the tire high spots. The grinder must be worked across the tire tread as evenly as you can. Never grind into the sidewall of the tire. You can feel advanced shimmy wear patterns before you start and they will take more work to remove than the patterns you cannot feel. The tire must feel smooth and even when you are done. Only experience will tell you how much rubber to remove. Be sure that the tire has good tread depth when you are finished, and verify that there is not any inadvertent damage to the tire. Clean up the rubber grindings and high speed taxi test the airplane. You will probably be smiling with the results. It is a good idea to re-balance the tire after grinding the tread and before returning the aircraft to service. If the test does fail, repeat the process. Yes, with a little patience, this shimmy beast can be tamed!



Use a belt sander to remove the shimmy wear pattern in the tread.



To check tire for proper balance, use our wheel balancer tool.
P/N TOOL128 for 3/4" diameter axles
P/N TOOL129 for 1", 1¼", and 1½"axles
(additional sizes available)
See Tools and Maintenance section for details.

Shimmy Dampener Assembly

Replace the Lord throw away dampener with our fully repairable Shimmy Dampener!
It's everything the original should have been, and more than the rubber units ever could be!

- Quicker steering response
- Oversize shaft for rigid strength
- Wear resistant hard anodized housing
- Field repairable
- Quicker steering response
- Costs less than the throw away rubber dampener

Temperature compensated hydraulics

- Thermally compensated hydraulic action for low maintenance
- Even the first minor movements are dampened
- Consistent dampening action
- No oil leaks
- Go years without servicing!

***NEW!** Assemblies for additional 182 and 200 models!*

Up to 5x the dampening power of Lord®!



P/N MC0442512-1

Seal Kit P/N SDKT-7
Designed specifically to re-seal Shimmy Dampener P/N MC0442512-1.
Contains all required O-rings and back up rings.

Shimmy Dampener		
Model	**Serial Number**	**Part Number**
150G,H,J,K,L,M, A150K,L,M, F150G,H,J,K,L,M, FA150K,L,M, FRA150L,M	All	MC0442512-1
152, A152, F152, FA152	All	
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q, F172D,E,F,G,H,K,L,M,N,P, FP172, P172D, FR172E,F,G,H,J,K R172K	46433 and on	MC0442512-1
172R	17280001 thru 17281142	MC0442512-1
172S	172S8001 thru 172S9288	MC0442512-1
175, 175A,B,C	55896 and on	MC0442512-1
182B,C,D	All	MC0442512-1
182K,L,M,N,P,Q,R,S,T, F182P,Q, T182, T182T	All	MC0743624-1 ***New!***
206, U206, U206A,B,C,D,E,F,G, P206B,C,D,E, U206B,C,D,E,F,G	All	MC0743624-2 ***New!***
206H	20608001 thru 20608194	MC0743624-2 ***New!***
T206H	T20608001 thru T20608409	MC0743624-2 ***New!***
207, 207A, T207, T207A	All	MC0743624-2 ***New!***
210G,H,J,K,L,M,N,R, P210N,R, T210G,H,J,K,L,M,N,R	All	MC0743624-2 ***New!***

MC0442512-1 Replacement Parts	
P/N	**Description**
1520	Barrel
1521	Bearing, Head, Shimmy Dampener
1522	Bearing, Head, Shimmy Dampener w/ Fill Hole
1523	Shaft, Shimmy Dampener
1524 [1]	Piston (base number)
1525	Piston, Floating, Shimmy Dampener
1526	Screw, Set
1527	Spring, Shimmy Dampener
1530	Tool, Extraction, Floating Piston
1531	Tool, Spring Insertion
1532	Screw, Seal
AN565AC624H6	Screw, Set, 3/8-24 X 3/8"
MS1665-1137	Ring, Retaining
SDKT-7	Seal Kit
MS51031-137	Screw, Set, 3/8-24, SS
NAS561P4-16	Pin, Retaining

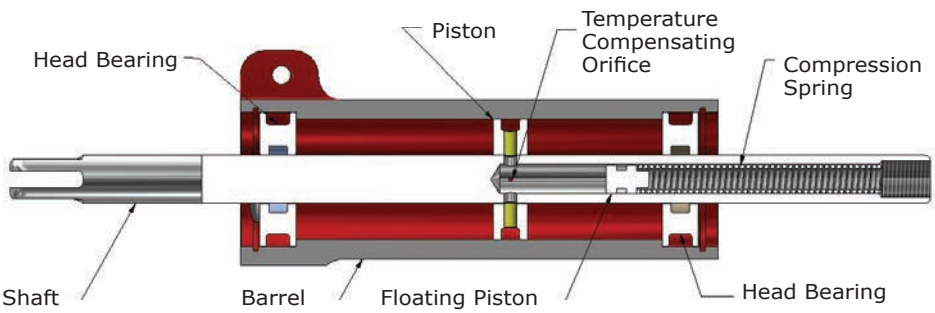
[1] Housings and Pistons that are letter coded require placement of Piston P/N 1524 and Seal Kit P/N SDKT-7 (see following pages).

What Does Temperature Compensated Mean?

By Dave McFarlane

When hydraulic oil changes temperature, the volume of the oil also changes. This volume change from a temperature reduction will create a vacuum in the oil chamber of the original Cessna uncompensated shimmy dampener. This vacuum will cause the oil to vaporize giving the oil a foamy expanded mixture that is compressible. The shimmy dampener action is then drastically degraded. An increase in temperature will increase the oil volume causing a drastic pressurization of the dampener oil chamber. This pressure will force small quantities of oil past the dampener shaft seals. The decrease in oil will then aggravate any temperature reduction with increased chamber vacuum and related oil vaporization. This process explains why continuous servicing of the original shimmy dampener is required.

The temperature compensation system works by having a small chamber of oil that is spring pressurized through a very small passage into the main dampening restrictive orifice of the shimmy dampener. The spring loaded oil chamber can adjust for oil volume changes as temperature changes. A similar system is built into your car shock absorbers. The temperature compensated hydraulic system requires very little service over extended periods of time and assures stable shimmy dampening action.



Why is a hydraulic Shimmy Dampener better than a rubber Dampener?

By Dave McFarlane

See next page!

Why is a hydraulic Shimmy Dampener better than a rubber Dampener?

By Dave McFarlane

General Discussion

The McFarlane Shimmy Dampener is designed to drastically outperform the Lord® brand rubber dampener and the original Cessna hydraulic shimmy dampeners. All the dampening forces of the McFarlane dampener where found similar to the original vintage Cessna hydraulic dampeners. Our improved dampener extends the life, offers greater consistency of dampening forces, and reduces the required servicing frequency as compared to the Cessna dampener. Tests were performed and carefully measured on a new McFarlane dampener, a new Cessna hydraulic dampener, and a new Lord rubber dampener. The Cessna hydraulic dampener was found to have similar dampening characteristics as the new McFarlane hydraulic dampener. For simplicity, only the McFarlane hydraulic dampener results are shown in the data charts.

What Would the Ideal Dampener Do? The best possible dampener would move easily with no resistance to motion at slow speeds for quick and easy control of the nose wheel while steering the aircraft and the dampener would have tremendous resistance to motion when moved at high speeds during shimmy. The aircraft steering system uses spring pressure to turn the nose wheel. If the dampener is hard to move while steering, the steering input of the pilot is absorbed by the steering springs and no steering occurs. The result is that the nose wheel does not respond or responds slowly and more erratically to pilot input. The less force required to move the dampener at slow speeds the better steering control the pilot has. Nose wheel shimmy creates high speed movement of the dampener. Shimmy is prevented or stopped by high dampener resistance to motion. The higher the force required to move the dampener at shimmy speeds the better the dampener will stop shimmy. It is desirable to have the dampener forces increase as the speed of the shimmy cycle increases. The ideal dampener would also have heavy dampening forces for a large portion of the shimmy travel cycle. Good shimmy dampening characteristics would be a combination of strong dampening forces and a long motion cycle for the dampening forces.

How Does a Hydraulic Resistance Dampener Work? In general, the hydraulic shimmy dampener design depends on oil flow through a controlled orifice (several small holes in the piston or clearance between the piston and cylinder wall or both). Since the orifice or clearance is a fixed size there is more resistance to the oil flow the faster the dampener is moved. The oil path is designed to be large enough that when the oil is moving slowly while steering it can flow easily through the allowed space from one side of the piston to the other. When the oil is moving fast, the oil path is too small to let higher volume of oil through quickly. The faster the shimmy dampener moves the more resistance there is to oil flow. As the dampener action becomes faster, the dampening forces increase. Since dampening forces are related to the speed of the oil flowing through the orifice, there is high dampening forces for all of its travel cycle except when it is changing directions. Restricted flow hydraulics makes the perfect shimmy dampener system.

How Does a Lord® Friction Type Rubber Dampener Work? The Lord® rubber dampener depends on the friction of the rubber piston against the cylinder wall. Rubber by nature requires a lot more force to start it to move (static friction) than the force required when it is in motion (dynamic friction). By characteristic of rubber sliding on metal, there is little difference in the friction forces when a rubber piston is moved slowly in the cylinder or if it move fast in the cylinder. The friction can actually decrease with the speed of the rubber piston. The Lord® rubber piston is designed where the rubber expands during the change of direction adding more friction that gives it its dampening action. The problem is that as the rubber piston moves back and forth there is increased friction only at the direction change position which is a very small part of the motion cycle. The friction forces during the rest of the shimmy motion cycle is close to the low slow motion (steering) friction forces. The change of direction is only a short part of the travel cycle. With the Lord® dampener, there is a diminishing gain of the dampening action as the speed increases. See Figures 1 and 2.

How Does the Service Life Compare? The service life of the different dampeners was tested by cycle testing a new vintage Cessna hydraulic dampener, a new McFarlane dampener and a new Lord® dampener. The Cessna hydraulic dampener failed at approximately 17,000 cycles with the O rings leaking and with significant wear in the head bearing. The McFarlane dampener went over 300,000 cycles without seal failure or any significant wear in the head bearings and did not fail. The Lord dampener also went over 300,000 cycles without a failure. The Cessna hydraulic dampener wears out the head bearing area and that allows the piston to shift out of position resulting in scratches and grooves in the cylinder wall and piston. The Cessna hydraulic dampener is repairable but generally comes up a little short of new performance after rebuild due to the cylinder wall scratches and groves that remain. The new McFarlane dampener is designed with an o-ring seal between the piston and cylinder. The o-ring and a heavier head bearing along with hard anodizing prevents piston and cylinder wall scratching and grooving. The improvements allow the McFarlane dampener to be economically rebuilt many times to original performance. The Lord® dampener does not have a repair and must be thrown away when they fail to prevent shimmy.

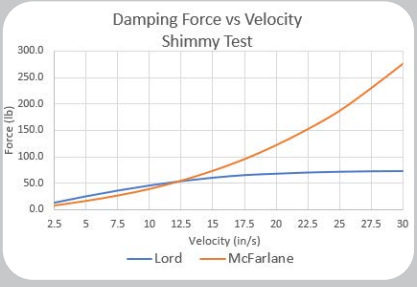


Figure 1

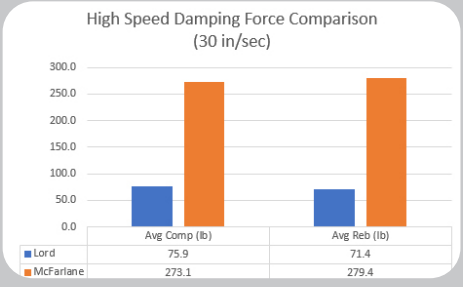


Figure 2



Figure 3

What Do the Charts Tell Us?

You can see from the test data charts, Figure 3, that the rubber dampener is going to make the airplane steer harder and be less responsive to pilot inputs. The Figure 1 charts show that at 20 in/sec of motion (a very slow shimmy), the McFarlane dampener has twice the dampening power of the Lord® rubber dampener and at 30 in/sec the McFarlane dampener has 5 times the dampening power. In conclusion, the McFarlane dampener allows more responsive steering and a much stronger dampening action to stop shimmy.

Original Cessna Shimmy Dampener Parts

Save $$$ — Repair your fluid dampener

Don't buy a disposable rubber dampener. Save money with replacement PMA parts. McFarlane now has affordable repair parts for the original fluid dampener. Save over $400!

- More cost effective than a throwaway unit
- Proven design with up to 5x the dampening power of Lord®

Improved Shimmy Dampener Shaft

Save up to 50% - Lasts longer!

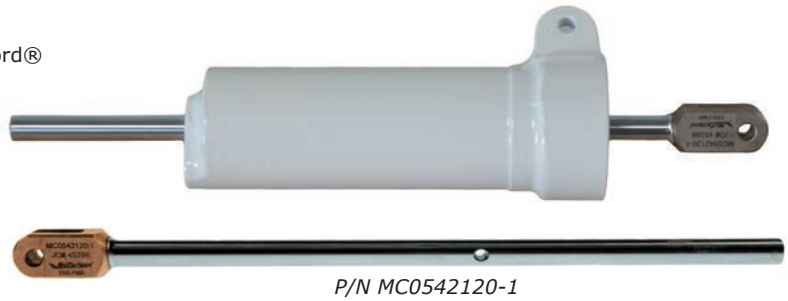
- Perfected chrome finish for improved O-ring life
- Durable one piece design

Head Bearings and Piston

Precision Machined, Direct Replacements

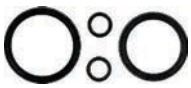
Convenient Assemblies and Kits

- Simplify your repair process
- Assembled kits make overhaul more efficient
- One part number gives you everything you need



P/N MC0542120-1
Shaft

Seal Kit
P/N SDKT-1
Includes all necessary o-rings and backup rings





P/N MC0542102-1
Head Bearing
(1 5/16″ diameter)



P/N MC0542102-3
Head Bearing
(1 3/16″ diameter)



P/N MC0842400-3
Piston

Repair Kit
P/N SDKT-2 (1 5/16″ diameter)
Includes piston assembly, snap ring(s) and housing o-ring.





Repair Kit
P/N SDKT-3 (1 3/16″ diameter)
Includes piston assembly, snap ring(s) and housing o-ring.





See next page for eligibility!

Installation Kit
P/N SDKT-4
Includes all nuts, bolts, washers, cotter keys, and bushings to attach the shimmy dampener to the nose strut. Fits our P/N MC0442512-1



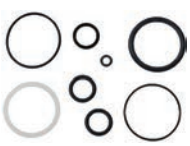
Piston Assemblies include pre-assembled shaft, head bearing, piston, head bearing o-rings, and roll pin.

Maintenance Tip:
Measure the diameter of the head bearing to determine the correct piston assembly or repair kit. Always replace worn head bearings as they keep the shaft and piston in alignment. Support the shaft well when replacing the piston.



Piston Assembly
P/N MC0542118-5
(with 1 3/16″ head bearing)

Seal Kits
P/N SDKT-5 and SDKT-6
Includes all necessary o-rings and backup rings



P/N SDKT-6



P/N SDKT-5

Quick and Easy
We have done the assembly for you!



Piston Assembly
P/N MC0542118-1
(with 1 5/16″ head bearing)

Hardware Kit
P/N SDKT-7
Includes all necessary O-rings and backup rings. Specifically designed to fit our P/N MC0442512-1



Original Cessna Shimmy Dampener Parts continued from previous page

Aircraft	Serial Number	MC0542102-1 Head Bearing (1 1/16" diameter head bearing)	MC0542102-3 Head Bearing (1 3/16" diameter head bearing)	MC0542118-1 Piston Assy (1 5/16" diameter head bearing)	MC0542118-5 Piston Assy (1 3/16" diameter head bearing)	MC0842400-3 Piston	MC0542120-1 Shaft	SDKT-1 Seal Kit	SDKT-2 Repair Kit (1 5/16" diameter head bearing)	SDKT-3 Repair Kit (1 3/16" diameter head bearing)	SDKT-4 Hardware Kit	SDKT-5 Seal Kit	SDKT-6 Seal Kit
150, 150A,B,C,D,E,F, F150F	17879 and On	4	3					2			2		
150G1	15064533 thru 15067056	4	3	4	3	2	2	2	4	3	2		
150G1,H,J	15067057 and On		3		3	2	2	2		3	2		
150K,L,M, A150K,L,M, FA150K,L,M, FRA150L,M	All		3		3	2	2	2		3	2		
F150G	All	4	3	4	3	2	2	2	4	3	2		
F150H,J	All		3		3	2	2	2		3	2		
F150K,L,M	All		3		3	2	2	2		3	2		
152, A152, F152, FA152	All		3		3	2	2	2		3	2		
172, 172A,B,C,D,E,F,G,H1	46433 thru 17256449	4	3	4	3	2	2	2	4	3	2		
172H1,I,J,K,L,M,N,P,Q,R,S	17256450 and On		3		3	2	2	2		3	2		
F172D,E,F,G,H1	F172-0001 thru F172-0519	4	3	4	3	2	2	2	4	3	2		
F172H1,K,L,M,N,P	F172-0520 thru F17202254		3		3	2	2	2		3	2		
FP172, P172D	All	4	3	4	3	2	2	2	4	3	2		
FR172E,F,G,H,J,K, R172K	All		3		3	2	2	2		3	2		
175, 175A,B,C	55896 and On	4	3	4	3	2	2	2	4	3	2		
177, 177A,B	ALL											2	
182B,C,D	All	4	3	4	3	2	2	2	4	3	2		
182E	18253599 thru 18254143	4											
182K,L,M,N,P,Q,R,S,T1	18257626 thru 18281197												2
A182K,L,N	All												2
F182P,Q	All												2
T182T	T18208001 thru T18299999												2

1 Partial model eligibility
2 When equipped with fluid filled dampener (not a Lord rubber dampener).
3 When equipped with fluid filled dampener with a 1 3/16" diameter head bearing.
4 When equipped with fluid filled dampener with a 1 5/16" diameter head bearing.

Tailwheel Shimmy Dampener

FAA-STC approved replacement for SCOTT and ABI 3200 and 3400 tailwheel assemblies

NEW

These compact and lightweight assemblies hydraulically dampen oscillations to eliminate shimmy and stabilize your tailwheel.

- Smoother landings
- Reduced aircraft wear and tear
- No headache installation and maintenance
- Includes STC

AIRFRAMES ALASKA

For PMA approved aircraft eligibility, visit our website
Scan this code



Which Tailwheel Shimmy Dampener do I need?
First select your assembly base part number below. Then select additional options applicable to your base part number to find the full Tailwheel Shimmy Dampener part number.

Assembly	Base P/N	Fig
3200 Bent	KEG-117	1
3200 Straight	KEG-116	2
3200-3 2-Hole Straight	KEG-118	3
3400/3450 Bent	KEG-111	4
3400/3450 Straight	KEG-112	5
3450-23 2-Hole Straight	KEG-113	6

If KEG-116 or KEG-117:		
Tail Spring Width	**Full P/N**	
1-1/4"	KEG-116-1	KEG-117-1
1-1/2"	KEG-116-2	KEG-117-2
1-3/4"	KEG-116-3	KEG-117-3
Cessna 170 Adapter Plate	KEG-116-C170	KEG-117-C170
If KEG-111 or KEG-112:		
Tailwheel	**Full P/N**	
ABI Tailwheel	KEG-111-1	KEG-112-1
SCOTT Tailwheel	KEG-111-2	KEG-112-2
If KEG-118 or KEG-113:	**Full P/N**	
No additional options	KEG-118	KEG-113

Notes: Not compatible with the T3 Tailwheel Suspension. A long pawl tailwheel assembly is required. Installation of the tail wheel shimmy dampener on Cessna 170 aircraft with 3200 series tailwheel assemblies requires an aircraft-specific leaf spring adapter plate.

1


2


3


4


5


6


Nose Wheel Steering Rods for Cessna Aircraft

Tired of *soft* worn out steering rods with broken down springs?
Replace them with our improved steering rods!

Save Thousands $$$

Cessna 150 thru 182D

- Redesigned long life springs that will never weaken!
- Stainless steel tubes for improved corrosion resistance (MC0543022 Series)
- Hardened internal washer for greater durability
- Our springs will never fail!

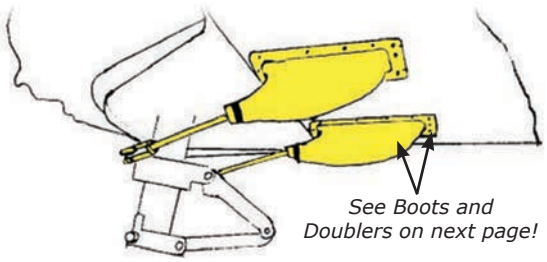


150 thru 172 Steering Rod
P/N MC0743008-2



175 and early 182 Steering Rod
P/N MC0543022-1

150 thru early 182 Steering Rod
P/Ns MC0543022-1 and MC0743008-2



See Boots and Doublers on next page!

Model	Steering Rod		Rod End (2 per A/C)
	Left Hand	Right Hand	
150, 150A,B,C,D,E,F,G,H	MC0543022-3	MC0543022-4	S1107-3
150J,K,L,M	MC0543022-3	MC0543022-4	S1823-3
A150K,L,M	MC0543022-3	MC0543022-4	S1823-3
F150F,G,H	MC0543022-3	MC0543022-4	S1823-3
F150J,K,L,M, FA150K,L	MC0543022-3	MC0543022-4	S1823-3
FRA150L,M	MC0543022-3	MC0543022-4	S1823-3
152, A152, F152, FA152	MC0543022-3	MC0543022-4	S1823-3
172, 172A	MC0543022-1	MC0543022-2	S1107-3
172B,C	MC0743008-1	MC0743008-2	S1107-3
172D,E,F,G,H,I,K,L,M,N,P,Q	MC0543022-1	MC0543022-2	S1823-3
F172D,E,F,G,H,K,L,M,N,P	MC0543022-1	MC0543022-2	S1823-3
FP172	MC0543022-1	MC0543022-2	S1823-3
FR172E,F,G,H,J,K	MC0543022-1	MC0543022-2	S1823-3
P172	MC0543022-1	MC0543022-2	S1823-3
R172E,F,G,H,K [1]	MC0543022-1	MC0543022-2	S1823-3
172R,S	MC0543022-1	MC0543022-2	S1823-3
175, 175A,B,C	MC0743008-1	MC0743008-2	S1107-3
177, 177A,B [1]			S1823-3
182,182A,B,C,D	MC0743008-1	MC0743008-2	S1107-3
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T F182P,Q, T182, T182T	MC0760622-1		MCMM3M12

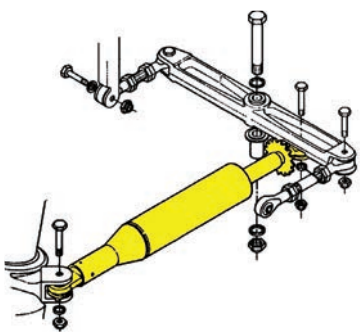
[1] Quantity of one Rod End required per aircraft.

Cessna 182E thru 182T

- More durable and lasts longer than the OEM
- Save thousands $$$
- More secure retention method
- Stronger and thicker washers
- Treated for anti-corrosion, primed, and painted



Later 182 Steering Rod
P/N MC0760622-1



Replace your worn/rusty Rod Ends!



P/N S1823-3



P/N S1107-3



P/N MCMM3M12

Don't forget your Sprocket!
P/N MC0760630-1
Anodized to prevent corrosion and wear
For Cessna 182E thru 182T



Maintenance Tip:
How do I know if my steering rods need to be replaced?

- *One or both sides offer little or no spring resistance to steering input*
- *More than 1 1/8" of free travel is present in either steering rod*
- *The aircraft pulls to either side during taxiing*
- *Inconsistent steering or rudder rigging*

Nose Wheel Steering Rod Boots for Cessna

P/N MC0413304-3 for 150 thru 152 series
P/N MC0543015-6 for 172, 175 and early 182 series *(see below for later 182 series)*
Our Steering Rod Boots for Cessna 150 thru early 182 series are manufactured with a black Kevlar®/fiberglass blend fabric. The fatigue resistance of Kevlar is uniquely mated with the fire resistance of fiberglass. This is a super tough, high temperature fabric that will provide many years of outstanding performance.

- Keeps exhaust and carbon monoxide out of the cabin
- Protects the cabin in case of an engine fire



These bad boys can take the abuse!

Doubler for Cessna Aircraft

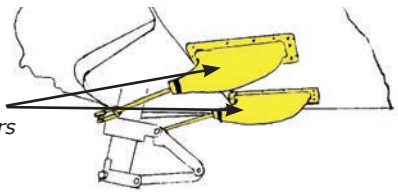
McFarlane doubler for 150-152 aircraft is now FAA-PMA approved
P/N MC0413304-6
Cheaper to replace than clean corrosion, prime, and paint the original! Doublers are alodined, primed, and painted to save installation time.



Save $$$

Now Offering Boot and Doubler Kits!

Each kit contains:
(2) boots, (2) doublers



Model	Boot (2 per A/C)	Doubler (2 per A/C)	Complete Kits[1]
150, 150A,B,C,D,E,F,G,H	MC0413304-3	MC0413304-6	SRB-KT-1
150J,K,L,M	MC0413304-3	MC0413304-6	SRB-KT-1
A150K,L,M	MC0413304-3	MC0413304-6	SRB-KT-1
F150F,G,H	MC0413304-3	MC0413304-6	SRB-KT-1
F150J,K,L,M, FA150K,L	MC0413304-3	MC0413304-6	SRB-KT-1
FRA150L,M	MC0413304-3	MC0413304-6	SRB-KT-1
152, A152, F152, FA152	MC0413304-3	MC0413304-6	SRB-KT-1
172, 172A	MC0543015-6	0543026-1	SRB-KT-2
172B,C	MC0543015-6	0543026-1	SRB-KT-2
172D,E,F,G,H,I,K,L,M,N,P,Q	MC0543015-6	0543026-1	SRB-KT-2
F172D,E,F,G,H,K,L,M,N,P	MC0543015-6	0543026-1	SRB-KT-2
FP172	MC0543015-6	0543026-1	SRB-KT-2
FR172E,F,G,H,J,K	MC0543015-6	0543026-1	SRB-KT-2
P172	MC0543015-6	0543026-1	SRB-KT-2
R172E,F,G,H,K [1]	MC0543015-6	0543026-1	SRB-KT-2
172R,S	MC0543015-6	0543026-1	SRB-KT-2
175, 175A,B,C	MC0543015-6	0543026-1	SRB-KT-2
182,182A,B,C,D	MC0543015-6	0543026-1	SRB-KT-2
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T F182P,Q, T182, T182T	***New!*** MC0713666-1	***New!*** MCS2357-2S	N/A

[1] Each kit contains (2) boots and (2) doublers

Steering Rod Boot for 182E thru 182T

10 times the life at half the price!
P/N MC0713666-1 for 182E thru 182T
McFarlane has improved the design of both the boot and the retaining flange. The Cessna boot is prone to ripping and tears caused by fatigue and premature infrared heat related material break down. McFarlane has utilized a three ply material design incorporating both Kevlar and fiberglass, and a supple high temperature rubber coating. Kevlar and fiberglass work together to prevent wear, fatigue, and heat failures while offering 15 times the fire resistance of the original boot for extended fire protection at 2,000 degrees F.

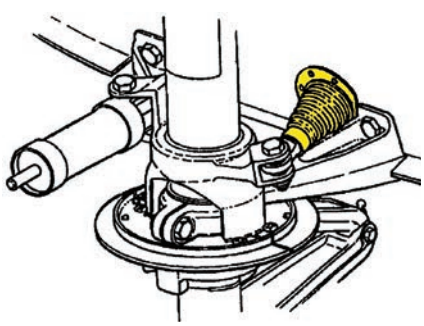
McFarlane has also upgraded the original aluminum flange to a stainless steel firewall material. The flange is included with the boot.

- Kevlar/Fiberglass composite for strength and fire protection
- Fire proof stainless steel flange
- Deeper convoluted design for better flexibility and longer life

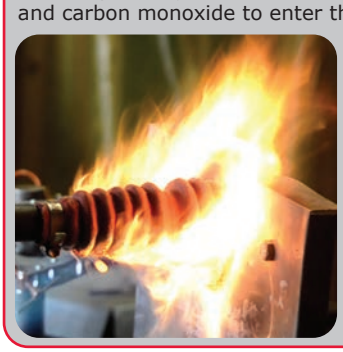
Don't Forget the Hose Clamp!
P/N MCS2357-2S
Cessna failed to list the clamp in the parts catalog, therefore people tend to use a nylon cable tie which will easily melt away with an engine fire. Always use metal clamp P/N MCS2357-2S to attach the boot to the steering link.







Maintenance Tip:
Boot failure occurs from radiant heat off of the exhaust system and flexing with the steering system. Cessna original boots are manufactured with a fragile fiberglass base material and peroxide cured silicone that becomes stiff and brittle. This system offers poor resistance to flexing fatigue which causes premature boot failure. The 182 boot must be free from holes and leaks to prevent carbon monoxide from entering the cabin. It is normal for the exhaust system to leak exhaust at the component joints. Leaks in the firewall will allow exhaust and carbon monoxide to enter the cabin.



2,000° Flame Test

New original boot failed in 40 seconds.

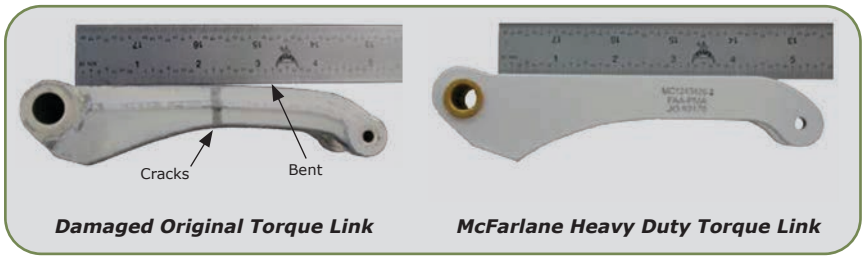
McFarlane boot was still ***intact after 15 minutes!***

Replacement Torque Links for Cessna 100 & 200 Series Aircraft

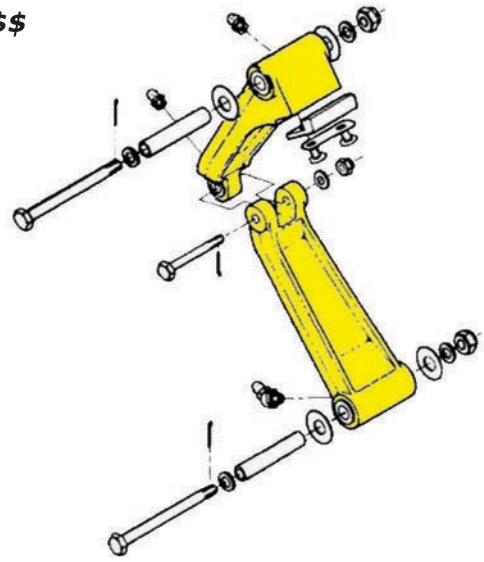
Replace your bent Torque Links and worn Stop Lugs with our assemblies! Ours are stronger, last longer, and cost less.

- Stronger alloy — made from a high-strength billet
- More metal to resist cracking and bending
- Increased service life
- Substantial cost savings $$$
- Primed and painted, ready for installation
- Complete with pre-installed Stop Lug, Bushings, and Grease Fittings

Save thousands $$$



Damaged Original Torque Link *McFarlane Heavy Duty Torque Link*



See next page for Stop Lug and Safety Plate details

Use this chart to purchase Torque Links without bushings and stop lugs	
Torque Link with Bushings	**Torque Link without Bushings**
MC0442506-1	1715
MC0442506-2	1716
MC0442506-12	1715
MC0543035-3	1717
MC0543035-8	1718
MC1243635-1	1715

Torque Link Assembly						
Aircraft	**Serial Number**	**Upper**	**Lower**	**Stop Lug**	**Safety Plate**	**Stop Lug Safety Plate & Bolt Kit**
150D[1],E,F[1], F150F[1]	15060477 thru 15063457 F150-0001 thru F150-0055	MC0442506-1 [3]	MC0442506-2 [3]	MC0442506-8 [3]	MC0442506-9 [3]	TLSL-KT-1
150G,H,J, F150G,H,J	All	MC0442506-1 [2]	MC0442506-2 [2]	MC0442506-8	MC0442506-9	TLSL-KT-1
150K,L,M, A150K,L,M, F150K,L,M, FA150K,L,M	All	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-1
FRA150L,M	All	MC0442506-1	MC0442506-2			
152, A152, F152, FA152	All	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-1
172B,C	All	MC0543035-8	MC0543035-3			
172D,E,F,G, F172D,E,F,G	All	MC0543035-8 [4]	MC0543035-3 [4]			
172H,I,K,L,M[1]	17245893 thru 17263458	MC0442506-1 [4]	MC0442506-2 [4]	MC0442506-8	MC0442506-9	TLSL-KT-1 [3] TLSL-KT-2 [2]
172M[1],N,P,Q	17263459 and on	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-2
172R,S	All	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-1
172RG	All		MC0442506-2			
F172H,K,L,M[1]	F17200655 thru F17201234	MC0442506-1 [4]	MC0442506-2 [4]	MC0442506-8	MC0442506-9	TLSL-KT-1 [3] TLSL-KT-2 [2]
F172M[1],N,P	F17201235 and on	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-2
FR172E,F,G	All	MC0442506-1 [4]	MC0442506-2 [4]	MC0442506-8	MC0442506-9	TLSL-KT-1 [3] TLSL-KT-2 [2]
FR172H,J	All	MC0442506-1 [2]	MC0442506-2 [2]	MC0442506-8	MC0442506-9	TLSL-KT-1
FR172K	All	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-2
P172D	All	MC0543035-8 [4]	MC0543035-3 [4]			
R172E,F,G,H	All	MC0442506-1 [3]	MC0442506-2 [3]	MC0442506-8	MC0442506-9	TLSL-KT-2
R172K	All	MC0442506-1	MC0442506-2	MC0442506-8	MC0442506-9	TLSL-KT-2
175A,B,C	All	MC0543035-8	MC0543035-3			
177RG, F177RG	All		MC0442506-2			
182A[1],B,C,D	34754 thru 18253598	MC0543035-3				

Notes:

[1] Partial model eligibility
[2] Standard Nose Strut
[3] Heavy Duty Nose Strut
[4] Standard and Heavy Duty Nose Struts
[5] Replacement bolts for upper torque links on these aircraft is P/N MC1243422-1
[6] Replacement shims for upper torque links on these aircraft are P/N MC1243618-2 is 0.020" and P/N MC1243618-3 is 0.011"
Upper Torque Links use Lube Fitting P/N AS15002-1P where applicable
Lower Torque Links use Lube Fitting P/N AS15002-3P where applicable

Continued on next page

Replacement Torque Links continued from previous page

Aircraft	Serial Number	Torque Link Assembly Upper	Lower	Stop Lug	Safety Plate	Stop Lug Safety Plate & Bolt Kit
182E,F,G,H,J	All		MC0543035-3 4			
182K,L,M,N	All	MC0442506-1 3	MC0442506-2 3	MC0442506-8 3	MC0442506-9	TLSL-KT-2 3
182K,L,M,N,P1	18257626 thru 18262465	MC0442506-12 2		MC0442506-11 2	MC0442506-9	TLSL-KT-4 2
182P1	18260826 thru 18262465		MC0442506-2 2	MC0442506-11	MC0442506-9	TLSL-KT-4
182P1,Q,R,T182T, F182P,Q	18262466 and on	MC0442506-12	MC0442506-2	MC0442506-11	MC0442506-9	TLSL-KT-4
182S,T, T182T	All	MC0442506-12	MC0442506-2	MC0442506-11	MC0442506-9	TLSL-KT-3
FR182,R182,T182,TR182	All		MC0442506-2			
205	All	MC0543035-3 4				
206H, T206H	All	MC1243635-1 4	MC0442506-2 4	MC1243629-2 4	MC0442506-9	
P206B,C,D,E,TP206B,C,D,E	All		MC0442506-2 4	MC0442506-8 3	MC0442506-9 3	TLSL-KT-2
TU206B,C,D,E,F1 U206B,C,D,E,F1	U206-0657 thru U20602199	MC1243635-1 4	MC0442506-2 4	MC0442506-8 3	MC0442506-9 3	TLSL-KT-2
TU206F,1G, U206F1,G	U20602200 thru U20607020	MC1243635-1 4	MC0442506-2 4	MC1243629-2 4	MC0442506-9 3	
207, 207A, T207, T207A	All	MC1243635-1 4	MC0442506-2 4	MC1243629-2 4	MC0442506-9	
208, 208B	All	See details below				
210G,H, T210G,H	All	5 6				
210J,K,L,M,N,R, T210J, T210K,L,M,N,R, P210N,R	All	MC1243426-2 5 6		MC1243038-1		

Notes:

1 Partial model eligibility
2 Standard Nose Strut
3 Heavy Duty Nose Strut
4 Standard and Heavy Duty Nose Struts
5 Replacement bolts for upper torque links on these aircraft is P/N MC1243422-1
6 Replacement shims for upper torque links on these aircraft are P/N MC1243618-2 is 0.020" and P/N MC1243618-3 is 0.011"
Upper Torque Links use Lube Fitting P/N AS15002-1P where applicable
Lower Torque Links use Lube Fitting P/N AS15002-3P where applicable

Nose Gear Torque Link Assemblies

Improved to reduce wear and prevent cracks
Upper P/N AF2643084-1
Lower P/N AF2643084-2

- Approved for all Cessna 208, 208B models
- Hard aluminum surface to reduce wear
- Precision fit and ready for installation
- Designed to prevent cracking in threaded grease fitting holes
- Durable powder coating finish

P/N AF2643084-1 (Upper)



P/N AF2643084-2 (Lower)



Manufactured by Airforms Inc.

Torque Link Stop Lugs and Safety Plate for Cessna Aircraft

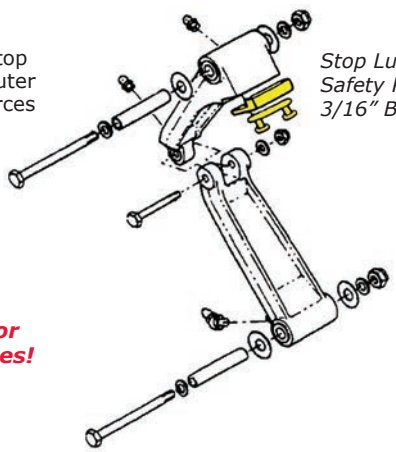
Replace worn out stop lugs to reduce drag!

This often overlooked but important part is affordable at McFarlane! The torque link stop lug is a sacrificial part that hammers against a flat spot on the lower part of the shock strut outer tube when the strut extends after take off. This prevents the strut from overextending and forces the nose wheel and rudder system into proper alignment for flight.

Due to repeated hammering with every takeoff, these stop lugs must be periodically replaced. Excessive wear can allow overextension of the strut. They also often wear unevenly resulting in inconsistent alignment of the nose wheel in flight which then causes extra drag and yaw. The extra yaw can require increased rudder trim which causes even more drag. So yes, replacing a torque link stop lug can reduce drag!

- Safety plate features bend up tabs to secure stop lug bolts
- Super tough 4130 alloy steel
- Kits include stop lug, safety plate and applicable 3/16" bolts.

See previous page for Torque Link Assemblies!



Stop Lug Safety Plate 3/16" Bolt

More Important Than You Think

Overextension of the nose strut due to a worn out stop lug can lead to a cascade of problems. McFarlane A&P mechanics have seen struts over extend to the point where the metering pin comes out of the orifice. This results in loss of dampening action and the pin hammering the orifice every landing and distorting and enlarging it. Over time, the excess nose strut travel and lack of dampening can result in fatigue cracks in the torque link arms. McFarlane recommends thoroughly inspecting all nose strut components when replacing a severely worn stop lug.



Maintenance Tip:
Replace the stop lug if it is no longer flush with the strut, mushroomed, worn rounded, bent away from the torque link, or if it has stress cracks. The safety plate should not be reused.

Cessna Nose Gear Torque Link Repair Kits

FAA-PMA approved P/Ns TL-KT-1 thru TL-KT-11

Includes all commonly replaced torque link parts in a convenient kit: Bushings, Spacers, Shims, Nuts, Bolts, Washers and Cotter Pins.

Prevents nose wheel shimmy!

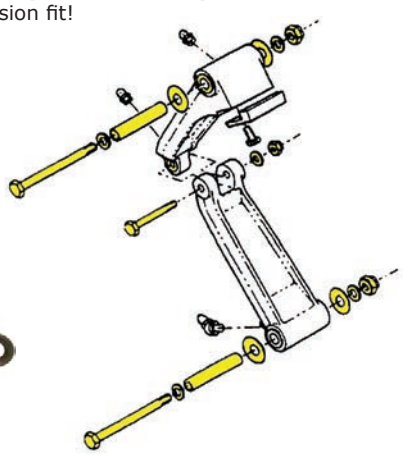
Cessna Nose Gear Torque Link Shim Kit

Eliminates undamped torque link motion to prevent shimmy

Only McFarlane has four shim sizes for a precision fit!
Now made with stainless steel.

P/N TL-SHIM-KT-1 contains:

(2) MCS1450-6B14-007 0.007" Thick
(5) MCS1450-6B14-010 0.010" Thick
(2) MCS1450-6B14-012 0.012" Thick
(2) MCS1450-6B14-015 0.015" Thick



Cessna Torque Link Spacers

P/N MC0543047-1 and MC0543047-2

Tightly controlled minimal end chamfer maximizes bearing surface between spacer and fork to ensure a secure clamp and prevent fork wear.



NAS1149F0316P Ultra-Thin Washers

Hard to find 3/16" ID, 0.016" thick standard steel washers are useful for fine tuning the center "knee" joint fit on most Cessna torque links. Available in packs of 5.



Not included in torque link kits

Model	Serial Number	Part Numbers																	
		TL-KT-1	TL-KT-1-H [8]	TL-KT-2	TL-KT-4	TL-KT-5	TL-KT-6	TL-KT-7	TL-KT-8 [2]	TL-KT-9 [2][7]	TL-KT-10	TL-KT-11	TL-SHIM-KT-1	MC0543047-1	MC0543047-2	MCS1450-6B14-005	MCS1450-6B14-007	MCS1450-6B14-010	MCS1450-6B14-012	MCS1450-6B14-015
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150K-M, F150F-M, FA150K-M, FRA150L,M	All	•	•										•	•		•	•	•	•	•
152, A152, F152, FA152	All	•											•	•		•	•	•		
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S, F172D-P, FP172, FR172E-K, P172D, R172K	28000 thru 36141, 36150 thru 36153								•										•	•
	36142 thru 36149, 36154 thru 172S99999	•											•	•		•	•	•	•	•
172RG	All						•						•	•		•	•	•	•	•
175, 175A,B,C	All	•											•	•		•	•	•		
177, 177A,B	All										•								•	•
177RG, F177RG	All						•						•	•		•	•	•	•	•
182	All	•								•			•	•		•	•	•	•	•
182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q	All	•											•	•		•	•	•	•	•
182R	All						•						•	•		•	•	•	•	•
182S,T, T182T	All	•											•	•		•	•	•	•	•
F182P,Q	All	•											•	•		•	•	•	•	•
R182, T182, FR182, TR182	All						•						•	•		•	•	•	•	•
205 (210-5) 205A, (210-5A)	All	•											•	•		•	•	•	•	•
206, P206, P206A, TP206A, TU206A, U206, U206A [3]	All	•		•									•	•	•	•	•	•	•	•
P206B,C,D,E [1], TP206B,C,D,E [1][6]	P206-0307 thru P20600641	•										•	•	•	•	•	•	•	•	•
P206E [1], TP206E [1]	P20600642 thru P20600647											•	•	•	•	•	•	•	•	•
TU206B,C,D,E [1], U206B,C,D,E [1][6]	U206-0657 thru U20601537	•										•	•	•	•	•	•	•	•	•
TU206E [1],F [1], U206E [1],F [1]	U20601538 thru U20602199											•	•	•	•	•	•	•	•	•
TU206F [1],G, U206F [1],G	U20602200 thru U20607020				•								•	•	•	•	•	•	•	•
206H, T206H	All				•								•	•	•	•	•	•	•	•
207 [1], 207A, T207 [1][4], T207A	20700001 thru 20700228				•	•							•	•	•	•	•	•	•	•
	20700229 thru 20700788				•								•	•	•	•	•	•	•	•
210, 210A,B,C,D,E,F,G,H,J	All	•											•	•		•	•	•	•	•
210K [3]	All	•		•									•	•	•	•	•	•	•	•
210L [1][5], T210L [1][5]	21059503 thru 21060255	•						•					•	•	•	•	•	•	•	•
210L [1],M,N,R, P210N,R, T210L [1],M,N,R	21060256 and on							•					•	•	•	•	•	•	•	•
T210F,G,H,J,K	All	•											•	•		•	•	•	•	•

[1] Partial model eligibility

[2] Used on Cessna models with heavy duty landing gear that use AN6 size (3/8-24 UNF) bolts in the upper and lower torque link joints. The normal duty landing gear uses AN4 size (1/4-28 UNF) bolts in the upper and lower torque link joints.

[3] These models may use one of two choices. Aircraft with both upper and lower spacers measuring ~ 2 inches long will use TL-KT-1 (containing two MC0543047-1 spacers). Aircraft with an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use TL-KT-2 (containing one MC0543047-1 and one MC0543047-2 spacer).

[4] These models may use one of two choices. Aircraft with both upper and lower spacers measuring ~ 2 inches long will use TL-KT-5 (containing two MC0543047-1 spacers). Aircraft with an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use TL-KT-4 (containing one MC0543047-1 and one MC0543047-2 spacer).

[5] These models may use one of two choices. Aircraft with both upper and lower spacers measuring ~ 2 inches long will use TL-KT-1 (containing two MC0543047-1 spacers). Aircraft with an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use TL-KT-7 (containing one MC0543047-1 and one MC0543047-2 spacer).

[6] These models may use one of two choices. Aircraft with both upper and lower spacers measuring ~ 2 inches long will use TL-KT-1 (containing two MC0543047-1 spacers). Aircraft with an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use TL-KT-11 (containing one MC0543047-1 and one MC0543047-2 spacer).

[7] Availability of one component of this kit (0841000-63) is limited. Call for current status.

[8] P/N TL-KT-1H only eligible for serials 15060477 thru 15064532 - **WITH** heavy duty nose gear

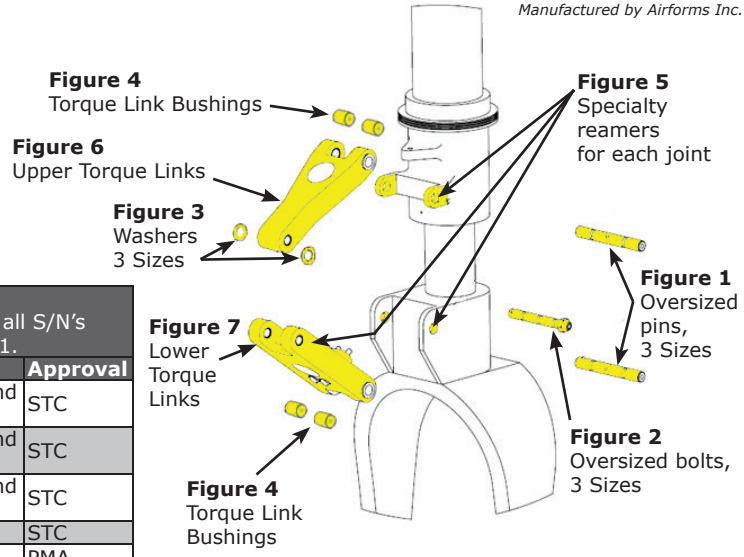
Cessna Caravan Torque Link Repair STC

Manufactured by Airforms Inc.

Minimal downtime repair to keep 208/208B nose gears shimmy-free

This STC will dramatically reduce nose gear swaps

- Save over $15K and be flying the same-day
- Reduce downtime by repairing in the field
- Convenient tool kit allows for on-airplane repair
- EASA approved



Eligible model series:
Fits all Cessna 208/208B with "double lug" torque links. Includes all S/N's after 2080133/208B0098 or earlier S/N's equipped with SK208-51.

Fig	Part Number	Description	Approval
5	TOOL KIT .010	REAMERS, Oversized .010 - short and long piloted reamers + tap handle	STC
5	TOOL KIT .020	REAMERS, Oversized .020 - short and long piloted reamers + tap handle	STC
5	TOOL KIT .030	REAMERS, Oversized .030 - short and long piloted reamers + tap handle	STC
5	TOOL KIT 32-604-56-01	REAMERS, all three sizes	STC
6	AF2643084-1	Upper Torque Link	PMA
7	AF2643084-2	Lower Torque Link	PMA
1	AF2643091-1	PIN, Nominal	PMA
1	AF2643091-1010	PIN, Oversize .010	PMA
1	AF2643091-1020	PIN, Oversize .020	PMA
1	AF2643091-1030	PIN, Oversize .030	PMA
2	AF2643092-1	BOLT, Nominal	PMA
2	AF2643092-1010	BOLT, Oversize .010	PMA
2	AF2643092-1020	BOLT, Oversize .020	PMA
2	AF2643092-1030	BOLT, Oversize .030	PMA
3	32-604-37-22005	WASHER, .005 thickness	STC
3	32-604-37-22010	WASHER, .010 thickness	STC
3	32-604-37-22015	WASHER, .016 thickness	STC
4	AF2643085-200	BUSHING, Torque Link	PMA
	STC-TORQUE LINK	Torque Link STC	STC

Tool kits contain:
Short and long piloted reamers and tap handle


P/N AF2643092-1010, BOLT


P/N AF2643091-1010, PIN


Tap handle


Short piloted reamer

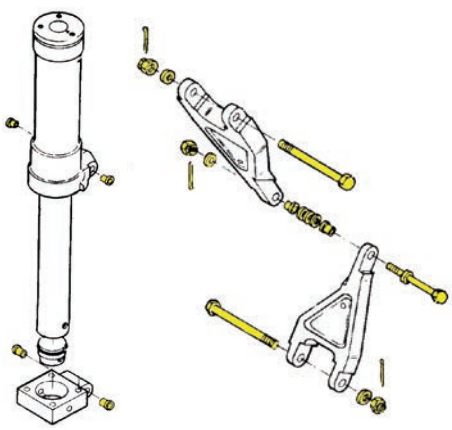

Long piloted reamer

Nose Gear Torque Link Repair Kits for Piper Aircraft

Prevents shimmy by removing looseness in the torque links

- Replaces all common wear torque link components in a convenient kit
- Fits most Piper aircraft
- Contains FAA-PMA parts from PMA Products, standard hardware, or original Piper parts
- Save time and money! No more research and ordering of individual parts





Aircraft	Serial Number	Main Wheel Kit *2 kits req if not labeled Left/Right*	Nose Wheel Kit
PA-23, PA23-160	All	PTL-KT-91	PTL-KT-91
PA-23-235	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-23-250	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-E23-250	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-24, PA-24-250, PA-24-260, PA-24-400	All	PTL-KT-36 Left PTL-KT-75 Right	PTL-KT-95
PA-28-140, PA-28-150, PA-28-160, PA-28-180	All	PTL-KT-11	PTL-KT-31
PA-28-151	All	PTL-KT-13	PTL-KT-29

Continued on next page

Nose Gear Torque Link Repair Kits for Piper Aircraft continued from previous page

Aircraft	Serial Number	Main Wheel Kit *2 kits req if not labeled Left/Right*	Nose Wheel Kit
PA-28-161	2816001 thru 2816119	PTL-KT-4 [1]	PTL-KT-31
	2841001 thru 2841365	PTL-KT-10	PTL-KT-26
	2842001 thru 2842999	PTL-KT-5	PTL-KT-32
	28-7716001 thru 28-7816253	PTL-KT-15	PTL-KT-31
	28-7816254 thru 28-8616057	PTL-KT-4 [1]	
PA-28-181	2843001 thru 2843999	PTL-KT-3	PTL-KT-30
	2890001 thru 2890231	PTL-KT-7	PTL-KT-27
	28-7690001 thru 28-7890231	PTL-KT-12	
	28-7890232 thru 28-8690062	PTL-KT-7	
PA-28-201T	All	PTL-KT-2	PTL-KT-52
PA-28-235	All	PTL-KT-11	PTL-KT-31
PA-28-236	All	PTL-KT-77	PTL-KT-28
PA-28R-180	28R-30002 thru 28R-31279	PTL-KT-59 Right	PTL-KT-78
	28R-7130001 thru 28R-7130005	PTL-KT-40 Left PTL-KT-60 Right	PTL-KT-81
	28R-7130006 thru 28R-7130013	PTL-KT-39 Left PTL-KT-60 Right	PTL-KT-81
PA-28R-200	28R-30482, 28R-35001 thru 28R-7135062	PTL-KT-40 Left PTL-KT-59 Right	PTL-KT-78
	28R-7135063 thru 28R-7135109	PTL-KT-40 Left PTL-KT-60 Right	PTL-KT-81
	28R-7135110 thru 28R-7635545	PTL-KT-39 Left PTL-KT-60 Right	PTL-KT-81
PA-28R-201, PA-28R-201T	2803001 thru 2837061	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-81
PA-28R-201	2844001 thru 2844999	PTL-KT-39 Left PTL-KT-68 Right	PTL-KT-100
PA-28R-201, PA-28R-201T	2803001 thru 2837061 28R-7703001 thru 28R-7837317	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-81
PA-28RT-201, PA-28RT-201T	All	PTL-KT-43 Left PTL-KT-61 Right	PTL-KT-80
PA-30	All	PTL-KT-95	PTL-KT-95
PA-31, PA-31-300, PA-31-325	31-5 thru 31-7812120	PTL-KT-22 w/Notched Bushings PTL-KT-21 w/o Notched Bushings	PTL-KT-90 w/o Notched Bushings PTL-KT-98 w/Notched Bushings
	31-7812121 thru 31-8312019		PTL-KT-97 w/Notched Bushings PTL-KT-56 w/o Notched Bushings
PA-31-350	31-5001 thru 31-8553002	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-67 w/o Notched Bushings PTL-KT-73 w/Notched Bushings
PA-31-350 (T1020)	31-8253001 thru 31-8553002	PTL-KT-24 w/o Notched Bushings PTL-KT-17 w/Notched Bushings	PTL-KT-70 w/o Notched Bushings PTL-KT-64 w/Notched Bushings
PA-31P	All	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-72 w/Notched Bushings
PA-31P-350	All	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-31T, PA-31T1, PA-31T2, PA-31T3	All	PTL-KT-23 w/o Notched Bushings PTL-KT-16 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-32-260	32-1 thru 32-7700023	PTL-KT-14	PTL-KT-33
	32-7800001 thru 32-7800008	PTL-KT-9	
PA-32-300	32-40000 thru 32-7840043	PTL-KT-14	PTL-KT-33
	32-7840044 thru 32-7940290	PTL-KT-9	
PA-32-301, PA-32-301T	All	PTL-KT-8	PTL-KT-34
PA-32-301FT, PA-32-301XTC	All	PTL-KT-6	PTL-KT-35
PA-32R-300	All	PTL-KT-37 Left PTL-KT-69 Right	PTL-KT-81
PA-32R-301, PA-32R-301T	3213001 thru 3229003	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-81
	3246001 thru 3257999	PTL-KT-45 Left PTL-KT-63 Right	PTL-KT-80
	32R-8013001 thru 32R-8629008	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-81
PA-32RT-300, PA-32RT-300T	All	PTL-KT-41 Left PTL-KT-60 Right	PTL-KT-99
PA-34-200	All	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-86
PA-34-200T	All	PTL-KT-38 Left PTL-KT-58 Right	PTL-KT-86
PA-34-220T	3433001 thru 3447029	PTL-KT-57	PTL-KT-86
	3448038 thru 3448079	PTL-KT-57	PTL-KT-86
	3449001 thru 34-8633031	PTL-KT-57	PTL-KT-86
PA-38-112	All		PTL-KT-1
PA-39	All	PTL-KT-95	PTL-KT-95

Continued on next page

Nose Gear Torque Link Repair Kits for Piper Aircraft continued from previous page

Aircraft	Serial Number	Main Wheel Kit *2 kits req if not labeled Left/Right*	Nose Wheel Kit
PA-42, PA-42-720, PA-42-720R	All	PTL-KT-20 PTL-KT-25 w/o Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-42-1000	All	PTL-KT-19	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-44-180	4495001 thru 4495013	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-80
	4496001 thru 4496999		PTL-KT-74
	44-7995001 thru 44-8195026		PTL-KT-80
PA-44-180T	All	PTL-KT-43 Left PTL-KT-62 Right	PTL-KT-80
PA-46-310P	All	PTL-KT-48	PTL-KT-96
PA-46-350P (w/ G1000)	All	PTL-KT-47	PTL-KT-88
PA-46-350P (w/o G1000)	4622001 thru 4622200	PTL-KT-46	PTL-KT-96
	4636001 thru 4636195	PTL-KT-51	PTL-KT-88
	4636196 thru 4636999	PTL-KT-50	
PA-46-500TP (w/ G1000)	All	PTL-KT-54	PTL-KT-87
PA-46-500TP (w/o G1000)	All	PTL-KT-55	PTL-KT-87
PA-46R-350T (w/ G1000)	All	PTL-KT-50	PTL-KT-89
PA-46R-350T (w/o G1000)	All	PTL-KT-50	PTL-KT-88

1 Some aircraft eligibile for PLT-KT-4 are fitted with a bolt. Aircraft serial number does not indicate which bolt is needed, the installer must determine the correct bolt. Bolt P/N 37881-002 is 3.96" long and used with fairings made from cycolac (plastic). Bolt P/N 37881-003 is 4.22" long and used with fairings made from fiberglass. Bolts are available from McFarlane.

Removing Torque Link Bushings (Nose Gear Scissors)

By Dave McFarlane

Removing the flanged bushings from the torque link forging can be difficult without a good surface to press against or grab onto. To easily remove them, thread them with a tap, screw a bolt in the thread, and then drive or press against the bolt. The thread does not have to be full depth to hold securely in the bushing. The bushing material is somewhat hard, but a standard hardware store tap will work. Use cutting oil on the tap to prevent tap damage. Normally the bushing will come out easily. For stubborn bushings, soak the link assembly in boiling water before pressing the bushing. The heat will expand the aluminum forging more than the steel bushing. This helps loosen the press fit while limiting the temperature, which prevents overheating and harming the heat treat of the aluminum forging. A controlled oven can be substituted for boiling water, but do not exceed 350° F. Do not use flame or other non-controlled heat sources. For an alternate method, put dry ice in the bushing before driving or pressing on the bolt that you threaded into the bushing. Do not over-press or hammer as the aluminum can gall to the bushing and leave a damaged bushing bore. If the bushing does not come out with light to moderate force, use heat or cold to help.

Australian Strut Seal Kits for Cessna Aircraft

Don't waste your time with substandard seals, nothing compares!

- Double edge ("X" style) seal that will not twist and leak!
- Solves the continuous leak and re-service problems with the Cessna nose strut
- Go years without servicing!

Maintenance Tip:
Wipe the chrome strut down with Stoddard solvent (mineral spirits) periodically to soften & remove dried oil film, dirt, dust, and bugs.

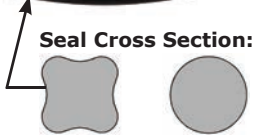
P/N MCSK172-1F
Fits most Cessna Nose Struts

- PMA direct replacement for Cessna P/N SK172-1F
- Includes all O-rings and back-up rings needed
- Includes scraper and AN901-5A gasket
- Improved lock rings are made of 304 stainless steel for better corrosion resistance

P/N MCSK172-2
Fits many Cessna Nose Struts and Main Gear!
Visit our website for Main Gear eligibility.

- Includes all O-rings and back-up rings needed
- Includes scraper and AN901-5A gasket
- Improved lock rings are made of 304 stainless steel for better corrosion resistance





Components available separately

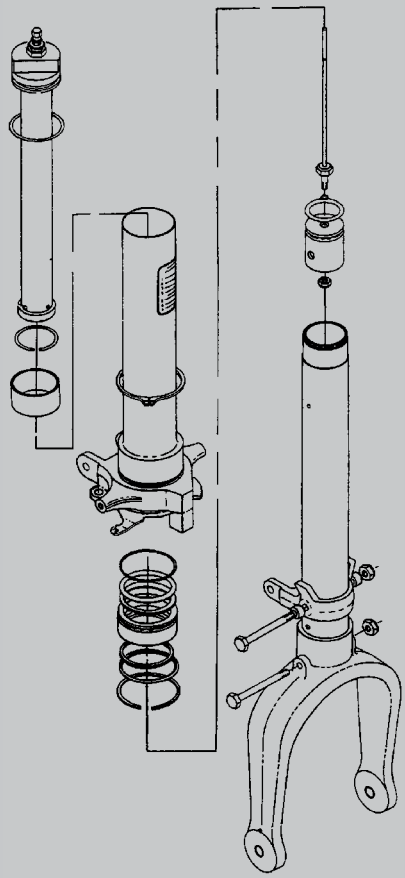
	Kit P/N			Component P/N and Description											
Aircraft	MCSK172-1F	MCSK172-2	NSS-KT-2	AN901-5A Gasket	MC0841200-19 Lock Ring	MC0841200-25 Lock Ring	MCS1628-329 Scraper Ring	MCS2418-1 Scraper Ring	MS28775-010 O-ring	MS28775-221 O-ring	MS28775-225 O-ring	MS28775-228 O-ring	1100 Quad Ring	MS28782-32 Retainer Packing
All 150, 152, 172, 175 and 177RG	•			•	•	•	•	•	•	•	•	•	•	
182, 182A,B,C,D		•	•	•	•	•		•	•	•	•	•	•	•
182E-T, A182J,K,L,N	•			•	•	•	•	•	•	•	•	•	•	
F182P,Q, FR182, R182, TR182, T182, T182T	•			•	•	•	•	•	•	•	•	•	•	
210-5 (205)			•	•	•	•		•	•	•	•	•		•
210-5A (205A)	•			•	•	•	•	•	•	•	•	•	•	
206, 207	•			•	•	•	•	•	•	•	•	•	•	
210, 210A		•	•	•	•	•		•	•	•	•	•	•	•
210B-R, P210N,R, T210F-R	•			•	•	•	•	•	•	•	•	•	•	
T303	•			•	•	•	•	•	•	•	•	•	•	
310, 310B,C,D,F,G,H, I,J,J-1,K,L,N		•	•	•	•	•		•	•	•	•	•	•	•
310P,Q			•	•	•	•		•	•	•	•	•		•
E310H,J		•		•	•	•		•	•	•	•	•	•	
320, 320-1, 320A,B,C,D,E,F		•	•	•	•	•		•	•	•	•	•	•	•
336		•	•	•	•	•		•	•	•	•	•	•	•
337	•			•	•	•	•	•	•	•	•	•	•	

Why Does My Cessna Nose Strut Keep Leaking Down?

By Dave McFarlane

Cessna Nose strut "leak down" has plagued Cessna owners for the last 65 years. Why is it that a month after you reseal the nose strut you find the strut down again or just low and showing signs of a little MIL-5606 on the pretty chrome? It always happens on Sunday when no one is around to help you service it. You service it up the next week only to have it do it again next month. After several strut reseals most people just resign to servicing it often and consider it part of owning a Cessna. Piper and Beech struts do not leak down or need to be resealed often and they are high pressure!

With a strong belief that everything that goes wrong on an airplane has a reason that can be explained by physics, we did some research. It was observed that the low time leaking O-ring that was removed always showed signs of being slightly twisted and otherwise like new. Further experiments and close evaluations proved that the O-ring would twist from friction caused by an oxidized hydraulic fluid film on the chrome strut. You probably have noticed how MIL-5606 hydraulic fluid tends to dry and get sticky after it is exposed to air. Add a little runway dust to the back side of the strut and it really gets sticky. The low operating pressures of the Cessna strut does not put a lot of holding pressure to stabilize the sealing O-ring. It was observed that the sticky film on the chrome strut can grab and adhere to the O-ring during a normal strut action cycle. If the sticky film is not evenly dispersed on the strut, the O-ring is rolled a little on the filmy side only. This uneven rolling action puts a slight twist in the O-ring. This slight twist can break the normal seal between the strut and the O-ring allowing a slow unpredictable leak.



It seemed logical that if you lowered the friction on the O-ring surface you could eliminate the problem. A hunt was on for a low friction O-ring that would resist being rolled and would have good durability. After many experiments with Teflon® coated and other specialty O-rings only partial success was achieved. They either were not as durable or the sealing characteristics were not as good as the standard rubber O-ring.

A break finally came at Airventure Oshkosh when Tony Brand of Horsham Aviation Services located in Horsham, Victoria, Australia came by and explained how they solved the problem. They had observed the same twisting of the strut O-ring and went on to explain how they replaced the round O-ring with a square ("X" style) O-ring that can not rotate. The standard backup rings were simply reversed to match the square sides of the new style O-ring. The "X" O-rings have the same material as the standard ones. Brilliant! Why didn't we think of that!? We rushed home and changed all the O-ring seals in five of the airplanes on the field. One of them was our 152 trainer that takes a lot of abuse. We were going to find out if those innovative Aussies knew what they were talking about. Sure enough, that was almost five years ago and we have never had to service the nose strut (not even with air) on any of the aircraft with the square O-rings! My hat goes off to the boys from Down Under for saving the industry thousands of man hours every year and making the Cessna fleet more reliable! Thank you!

Our FAA-PMA seal kit, P/N MCSK172-1F now includes the square ("X" style) O-ring.

Main and Nose Strut Seal and Repair Kits for Piper Aircraft

Vast Eligibilty for Pipers: PA-22 thru PA-46 aircraft

McFarlane has main and nose, strut seal kits and repair kits for Piper aircraft. Kits are model and serial number specific giving you only the parts required, saving you time and money. All components are industry standard or original Piper parts.

- Save time and money!
- Reference your model and serial number for the best fit kit
- One kit = parts for one strut

PSS seal kits contain rubber and plastic parts.
PSR repair kits contain the required PSS seal kit and commonly needed metal parts.





Aircraft Model	Serial Number	Main Strut				Nose Strut			
		Seal Kit	Qty	Repair Kit	Qty	Seal Kit	Qty	Repair Kit	Qty
PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-22S-135, PA-22S-150, PA-22S-160	All	N/A	N/A	N/A	N/A	PSS-KT-19	1	PSR-KT-31	1
PA-23, PA-23-160	All	PSS-KT-3	2	PSR-KT-77	2	PSS-KT-3	1	PSR-KT-77	1
PA-23-235, PA-23-250, PA-E23-250	All	PSS-KT-3	2	PSR-KT-14	3	PSS-KT-3	1	PSR-KT-14	3
PA-24, PA-24-250, PA-24-260, PA-24-400	All	PSS-KT-1	2	PSR-KT-1	2	PSS-KT-1	1	PSR-KT-1	1
PA-28-140, PA-28-150, PA-28-160	28-01 thru 28-3281 28-10003 thru 28-10719 28-20002 thru 28-21639	PSS-KT-10	2	PSR-KT-34	2	PSS-KT-19	1	PSR-KT-75	1
	28-3282 thru 4377 28-10720 thru 28-7710089 28-21640 thru 28-7725290					PSS-KT-20	1	PSR-KT-60	1
PA-28-151	All	PSS-KT-36	2	PSR-KT-58	2	PSS-KT-18	1	PSR-KT-26	1

Continued on next page

Main and Nose Strut Seal and Repair Kits for Piper Aircraft continued from previous page

Aircraft Model	Serial Number	Main Strut				Nose Strut			
		Seal Kit	Qty	Repair Kit	Qty	Seal Kit	Qty	Repair Kit	Qty
PA-28-161	2816001 thru 2816119 2841001 thru 2841365 2842001 thru 2842999 28-7716001 thru 28-8616057	PSS-KT-36	2	PSR-KT-58	2	PSS-KT-18	1	PSR-KT-26	1
PA-28-180	28-671 thru 28-3281	PSS-KT-10	2	PSR-KT-34	2	PSS-KT-19	1	PSR-KT-75	1
	28-3282 thru 28-7205328					PSS-KT-20	1	PSR-KT-60	1
	28-730501 thru 28-7505260					PSS-KT-26	1	PSR-KT-76	1
PA-28-181	2890001 thru 2890231 28-7690001 thru 28-8690062	PSS-KT-36	2	PSR-KT-58	2	PSS-KT-20	1	PSR-KT-60	1
	2843001 thru 2843999			PSR-KT-9	2	PSS-KT-20B		PSR-KT-60B	1
PA-28R-180, PA-28R-200	All	PSS-KT-12	2	PSR-KT-11	2	PSS-KT-4	1	PSR-KT-20	1
PA-28-201T	All	PSS-KT-31	2	PSR-KT-44	2	PSS-KT-37	1	PSR-KT-59	1
PA-28R-201	2844001 thru 2844999	PSS-KT-12	2	PSR-KT-17	2	PSS-KT-12	1	PSR-KT-10	1
	2837001 thru 2837061	PSS-KT-11	2	PSR-KT-8	2	PSS-KT-4B	1	PSR-KT-18	1
	28R-7737002 thru 28R-7837317								
PA-28R-201T	2803001 thru 2803012	PSS-KT-11	2	PSR-KT-8	2	PSS-KT-4B	1	PSR-KT-18	1
	28R-7703001 thru 28R-7803373								
PA-28RT-201, PA-28RT-201T	All	PSS-KT-12	2	PSR-KT-17	2	PSS-KT-25	1	PSR-KT-9	1
PA-28-235	28-10001 thru 28-10719	PSS-KT-10	2	PSR-KT-34	2	PSS-KT-19	1	PSR-KT-75	1
	28-10720 thru 28-7210033					PSS-KT-20	1	PSR-KT-60	1
	28-7310001 thru 28-7710089					PSS-KT-26	1	PSR-KT-76	1
PA-28-236	2811001 thru 2811050, 28-7911001 thru 28-8611008	PSS-KT-31	2	PSR-KT-44	2	PSS-KT-18	1	PSR-KT-26	1
PA-30	All	PSS-KT-1	2	PSR-KT-1	2	PSS-KT-1	1	PSR-KT-15	1
PA-31	31-2 thru 31-7812120	PSS-KT-23	2	PSR-KT-56	2	PSS-KT-34	1	PSR-KT-52	1
	31-7812121 thru 31-8312019					PSS-KT-39	1	PSR-KT-62	1
PA-31-300, PA-31-325	31-2 thru 31-78121200	PSS-KT-23	2	PSR-KT-56	2	PSS-KT-34	1	PSR-KT-52	1
	31-7812121 thru 31-8312016					PSS-KT-39	1	PSR-KT-62	1
	31-8312017 thru 31-8312019	N/A	N/A	N/A	N/A				
PA-31-350	31-5001 thru 31-8352036	PSS-KT-22B	2	PSR-KT-48	2	PSS-KT-34B	1	PSR-KT-52B	1
	31-8352037 thru 8553002	PSS-KT-22	2	PSR-KT-47	2				
PA-31-350 (T1020)	All	PSS-KT-22	2	PSR-KT-47	2	PSS-KT-34	1	PSR-KT-53	1
PA-31P	All	PSS-KT-13	2	PSR-KT-67	2	PSS-KT-16	1	PSR-KT-68	1
PA-31P-350	All	PSS-KT-22	2	PSR-KT-47	2				
PA-31T	31T-7400002 thru 31T-8120050	PSS-KT-52B	2	PSR-KT-55	2				
	31T-8120051 thru 31T-8120104	PSS-KT-52	2	PSR-KT-54	2	PSS-KT-33B	1	PSR-KT-49B	1
PA-31T1	31T-1104004 thru 31T-7804000	PSS-KT-52	2	PSR-KT-54	2				
	31T-7804001 thru 31T-8104055	PSS-KT-52B	2	PSR-KT-55	2				
	31T-8104056 thru 31T-8304003	PSS-KT-52	2	PSR-KT-54	2	PSS-KT-33B	1	PSR-KT-49B	1
PA-31T2	31T-1166001 thru 31T-8166000	PSS-KT-52	2	PSR-KT-54	2			PSR-KT-49B	1
	31T-8166001 thru 31T-8166013	PSS-KT-52B	2	PSR-KT-55	2				
	31T-8166014 thru 31T-8166076	PSS-KT-52	2	PSR-KT-54	2	PSS-KT-33B	1	PSR-KT-49B	1
PA-31T3	All	PSS-KT-32	2	PSR-KT-45	2				
PA-32-260, PA-32-300	All	PSS-KT-10	2	PSR-KT-32	2	PSS-KT-2	1	PSR-KT-23	1
PA-32-301, PA-32-301T, PA-32-301FT, PA-32-301XTC	All	PSS-KT-9	2	PSR-KT-33	2	PSS-KT-20	1	PSR-KT-60	1
PA-32R-300	All	PSS-KT-12	2	PSR-KT-11	2	PSS-KT-4B	1	PSR-KT-18	1
PA-32R-301, PA-32R-301T	3213001 thru 3213103 3229001 thru 3229003	PSS-KT-4B	2	PSR-KT-73	2	PSS-KT-4	1	PSR-KT-20	1
	3246001 thru 3246999 3257001 thru 3257999	PSS-KT-12	2	PSR-KT-11	2	PSS-KT-25	1	PSR-KT-9	1
	32R-8013001 thru 32R-8613006	PSS-KT-4B	2	PSR-KT-73	2	PSS-KT-4	1	PSR-KT-20	1
	32R-8029001 thru 32R-8629008								
PA-32RT-300, PA-32RT-300T	All	PSS-KT-28	2	PSR-KT-40	2	PSS-KT-28	1	PSR-KT-39	1
PA-34-200	All	PSS-KT-12	2	PSR-KT-11	2	PSS-KT-7B	1	PSR-KT-71	1
PA-34-200T	All	PSS-KT-4B	2	PSR-KT-70	2	PSS-KT-7B	1	PSR-KT-29	1
PA-34-220T	3447001 thru 3447029 3449001 thru 3449999	PSS-KT-43	2	PSR-KT-69	2	PSS-KT-7	1	PSR-KT-29	1
	3448001 thru 3448079 3433001 thru 3433172 34-8133001 thru 34-8633031	PSS-KT-11 [1] PSS-KT-11B [3]		PSR-KT-6 [3]		PSS-KT-7 [4] PSS-KT-7B [2]		PSR-KT-27 [4] PSR-KT-28 [1]	
PA-39	All	PSS-KT-1	2	PSR-KT-1	2	PSS-KT-1	1	PSR-KT-15	1
PA-42	All	PSS-KT-40	2	PSR-KT-63	2	PSS-KT-42	1	PSR-KT-65	1
PA-42-720	42-5501003 thru 42-5501060 42-8301001 thru 42-8301002	PSS-KT-40	2	PSR-KT-63	2	PSS-KT-42	1	PSR-KT-65	1
PA-42-720R	All	PSS-KT-40	2	PSR-KT-63	2	PSS-KT-42	1	PSR-KT-65	1

[1] Use only when bearing has (1) O-ring on ID
[2] Use only when bearing has (1) O-ring groove on ID
[3] Use only when bearing has T-seal and backup ring or (1) O-ring with (1) backup ring
[4] Used to replace O-ring and (1) backup ring or a T-Seal and (2) backup rings in ID

Main and Nose Strut Seal and Repair Kits for Piper Aircraft continued from previous page

Aircraft Model	Serial Number	Main Strut				Nose Strut			
		Seal Kit	Qty	Repair Kit	Qty	Seal Kit	Qty	Repair Kit	Qty
PA-42-1000	All	PSS-KT-41	2	PSR-KT-64	2	PSS-KT-42	1	PSR-KT-65	1
PA-44-180	4495001 thru 4495013 44-7995001 thru 44-8195026	PSS-KT-25	2	PSR-KT-74	2	PSS-KT-25	1	PSR-KT-74	1
	4496001 thru 4496999	PSS-KT-25	2	PSR-KT-66	2	PSS-KT-25	1	PSR-KT-9	1
PA-44-180T	All	PSS-KT-25	2	PSR-KT-74	2	PSS-KT-25	1	PSR-KT-74	1
PA-46-310P	All	PSS-KT-24	2	PSR-KT-36	2	PSS-KT-27	1	PSR-KT-35	1
PA-46-350P (w/G1000)	All	PSS-KT-24	2			PSS-KT-27	1	PSR-KT-35	1
PA-46-350P (w/o G1000)	4622001 thru 4622200 4636001 thru 4636195	PSS-KT-24	2	PSR-KT-36	2	PSS-KT-27	1	PSR-KT-35	1
	4636196 thru 4636999	PSS-KT-21	2	PSR-KT-43	2				
PA-46R-350T, PA-46-500TP (w/ or w/o G1000)	All	PSS-KT-21	2	PSR-KT-43	2	PSS-KT-27	1	PSR-KT-35	1

Remote Nose Gear Servicing Port

Eliminates the need to reach up into the nose gear tunnel!
P/N ATRS-100

- For Cessna 205, 206, and 207
- Relocates the servicing port to the side of the nose gear tunnel
- Simplifies servicing of the nose gear strut

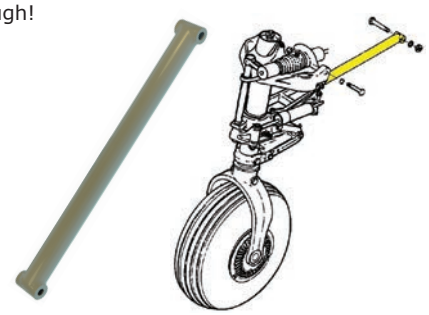


Cessna Aircraft	With STC Installed
206, 206H, T206H, P206, P206A,B,C,D,E, TP206A,B,C,D,E, TU206A,B,C,D,E,F,G, U206, U206A,B,C,D,E,F,G	SA02198AD-D
207, 207A, T207, T207A	SA02202AK-D

Nose Gear Drag Link

Durable, High Quality Construction!
P/N AD1243600-1

- Corrosion resistant white powder coated finish
- Alaskan Bush Tough!
- 50% off Cessna
- FAA-PMA



Model
U206B,C,D,E,F,G
TU206B,C,D,E,F,G
P206B,C,D,E
TP206B,C,D,E
207, 207A, T207, T207A

Main and Nose Strut Seal Kit for Beechcraft

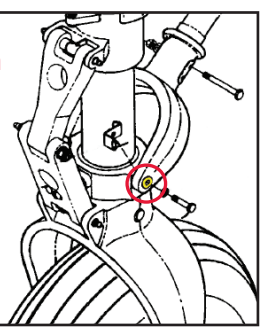
Manufactured by Rapco

Aircraft	Main P/N	Nose P/N
B-33, F-33, V-35B, 36, A36, G36, A36TC, B36TC	JMBZMS	JMBZNS

Nose Gear Spring Fork Needle Bearing for Caravan

P/N MS24462-5

- Fits all Cessna 208 models
- 2 required per aircraft
- Save up to 25%

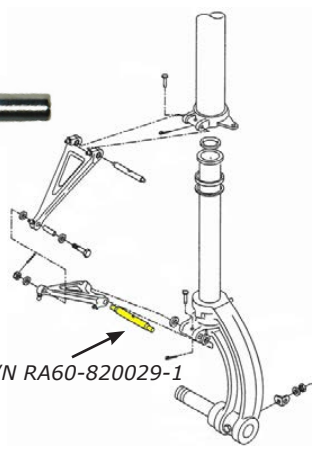


Tow Pin for Beechcraft

P/N RA60-820029-1



Aircraft
35-A33, 35-B33, 35-C33, 35-C33A, E33,F33, G33, E33A, F33A, F33C
N35, P35, S35, V35, V35A, V35B,
36,A36,A36TC,B36TC,
95-55, 95-A55, 95-B55, 95-C55, D55,E55
56TC, A56TC
58, 58TC, 58P
B60
Manufactured by Rapco



Landing Gear Switches for Piper Aircraft

Manufactured by PMA Products, Inc.

RH Main Gear Up Limit
P/N CA67411-007





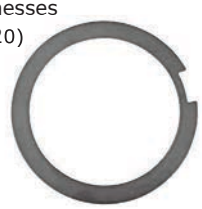
Nose Gear Down Limit
P/N CA95232-000

Aircraft Model	CA67411-005 LH Main Gear Up Limit	CA67411-007 RH Main Gear Up Limit	CA67411-002 LH Main Gear Down Limit	CA67411-004 RH Main Gear Down Limit	CA67411-008 LH Main Gear Squat	CA67411-020 RH Main Gear Up Limit & Ground Operating Fan	CA67411-006 Nose Gear Up Limit	CA67411-003 Nose Gear Down Limit	CA67411-021 Nose Gear Down Limit	CA95232-000 Nose Gear Down Limit
PA28R-180,200,201,201T, PA28RT-201,201T	•	•	•	•	•		•	•		
PA32R-300	•	•	•	•	•		•	•	•	
PA32R-301		•	•	•	•		•		•	
PA32R-301T,PA32RT	•	•	•	•	•		•		•	
PA34-200	•	•	•	•	•					•
PA34-200T	•		•	•	•	•				•
PA34-220T			•	•						

Nose Gear Shims for Cessna Aircraft

Just the right fit to remove excessive vertical free play between the collar and strut housing!

- Available in three thicknesses (.006), (.012), and (.020)
- Get exactly what you need, not more!
- Save $$$



Manufactured by Textron

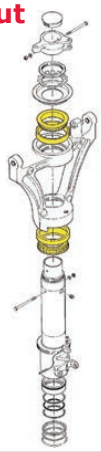
Aircraft	P/N	Thickness
150, A150, 152, A152, 172, 182, T182	1243030-5	0.006
	1243030-6	0.012
	1243030-7	0.020

Nose Gear Shock Strut Bearing Cups and Cones for Caravan

Bearing Cup
P/N L217813-20629

Bearing Cone
P/N L217849-20629

- Fits all Cessna 208 models
- 2 required per aircraft



Manufactured by The Timken Company

Tail Wheel Fork Bearing for Cessna Aircraft

Bearing Cup
P/N 08231-20629

Bearing Cone
P/N 08118-20629

Direct replacement for Cessna P/N 0742400-12



Manufactured by The Timken Company

Nose Gear Quad Ring

P/N CA484-770

PA-28-140,150,151,160,161,180,181,235,236, PA-32-260,300,301,301T



Main Gear Scraper Ring

P/N MS28776M2-18

PA-28-140,150,151,161,180,181,235,236, PA-32-260,300



Main Gear Quad Ring

P/N CA484-769

PA-28-140,150,151,160,161, PA-28-180,181,235,236,201T, PA-32, PA-32-260,300,301,301T



Manufactured by PMA Products, Inc.

Nose Gear Bearings

FAA-PMA approved for Cessna aircraft

Ring Pack Support
P/N MCAJB-32T-4

- Stainless steel for corrosion resistance
- PFTE composite-lined for smoother strut action
- Liner holds oil for longer life
- Easy on your chrome strut

Save $$$
In stock!

Shock Strut Bearing
P/N MC1243021-1

- Save $$$

Shock Strut Bearing
P/N MC1243021-1



Ring Pack Support
P/N MCAJB-32T-4





Bearing P/N MC1243021-1
150, 150A,B,C,D,E,F,G,H,J,L,M, A150K,L, A150M, F150F,GKL,M, FA150K,L,M
152, A152, F152, FA152
172, 172A,B,C,D,E,F,G,H,I,K,L, 172M,N,P,Q,R,RG,S, F172D,E,F,G,H,K,L,M,N,P, FP172D,E, FR172F,G, R172E,F,G,H,K
175, 175A,B,C
177RG
182, 182A,B,C,D,E,F,G,H,J,K,L, 182M,N,P,Q,R,S,T, F182Q, FR182, R182, T182, T182T
210-5A (205A)
206, 206H, P206, P206A,B,C,D,E, TU206F, TU206G, U206, U206A,B,C,D,E,F,G
207, 207A, T207, T207A
210, 210A,B,C,D,E,G,H,J,K,L,M,N,R, P210N, P210R
310, 310B,C,D,F,G,H,I,J,J-1,K,L,N,P,Q
320, 320-1, 320A,B,C,D
336
337, 337A,B,C,D,E,F,G,H, F337G,H, P337H
411, 411A

Ring Pack P/N MCAJB-32T-4
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150K,L,M, F150F,G,H,J,K,L,M, FA150K,L,M
152, A152, F152, FA152
172, 172A,B,C,D,E,F,G,H,I,K,L,M, 172N,P,Q,R,RG,S, F172D,E,F,G,H, F172K,L,M,N,P, FR172E,F,G,H,J,K, P172D, R172E,F,G,H,K
175, 175A,B,C
177RG, F177RG
182, 182A,B,C,D,E,F,G,H,J,K,L, 182M,N,P,Q,R,S,T, FR182, R182, T182, T182T, TR182
210-5A (205A)
206, 206H, P206, P206A,B,C,D,E, T206H, TU206F,G, U206, U206A,B,C,D,E,F,G
207, 207A, T207, T207A
210, 210A,B,C,D,E,G,H,J,K,L,M,N,R, P210N,R, T210G,H
T303
310, 310B,C,D,F,G,H,I,J,K,L,N,P,Q,R, T310P,Q,R
320, 320-1, 320A,B,C,D
335
336
337, 337A,B,C,D,E,F,G,H, F337E,F,G, FT337E,F, P337H, T337E,F
340, 340A
401, 401A,B
402, 402A,B,C
404
411, 411A
414, 414A
421, 421A,B,C
425
441

Main and Nose Landing Gear Door Hinge Bushing Kits

STC approved for Beech Baron and Bonanza
TCCA PDA approved for King Air
Grease-free and non-metallic bushings

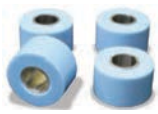
- Self-lubricating
- Reduces maintenance down time and costs
- Easy to install!



P/N M1000
Baron MLG Door Hinge Kit



P/N M1005
Baron/Bonanza NLG Door Hinge Kit



P/N M-04-1000-1
King Air NLG Door Hinge Kit



P/N M1002

We also offer the Door Hinge Installation Kit for Baron and Bonanza Main Landing Gear bushing applications for ***easier installation***!

Manufactured by Marsh Brothers

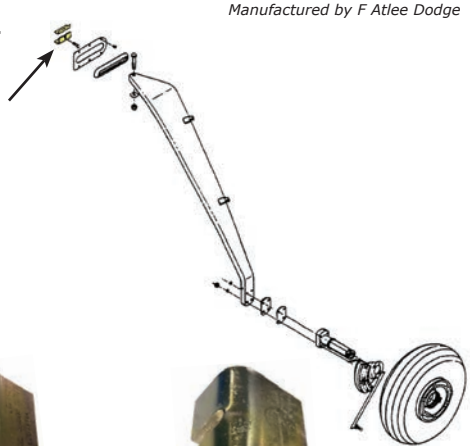
Aircraft Model	Application	P/N
Bonanza		
35, A35, B35, C35, D35, E35, F35, G35, 35R	Main	M1000
	Nose	M1005
35-33, 35-A33, 35-B33, 35-C33, 35-C33A	Main	M1000
	Nose	M1005
36, A36, A36TC, B36TC	Main	M1000
	Nose	M1005
E33, E33A, E33C, F33, F33A, F33C, G33	Main	M1000
	Nose	M1005
G36	Main	M1000
	Nose	M1005
H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B	Main	M1000
	Nose	M1005
Baron		
56TC, A56TC	Main	M1001
	Nose	M1005
58, 58A	Main	M1001
	Nose	M1005
58P, 58PA, 58TC, 58TCA	Nose	M1005
95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, B95, B95A, D55, D55A, D95A, E55, E55A, E95	Main	M1001
	Nose	M1005
A23CE	Nose	M1005
G58	Main	M1001
	Nose	M1005
King Air		
65-90, 65-A90, C90, E90, H90, C90A, C90GT, F90, 200, 200C, 200CT, 200T, B200, B200C, B200CT, B200T, B200GT, B200CGT, 300, 300LW, B300, B300C	Nose	M-04-1000-1

Landing Gear Box Shims

For Cessna aircraft using leaf spring landing gear

- 4130N steel, plated
- FAA-PMA

Manufactured by F Atlee Dodge



Model	AD0441023-2 [1]	AD0741022-1 [3]	AD0741022-2 [4]	AD0441023-160 [2]
	Qty per Aircraft			
120, 140, 140A		A/R		
150A	2-4	A/R		
150B,C,D,E,F,G,H,J,K	2-4	A/R		2
A150K				2
A150L, F150F,G,H,J	2-4	A/R		
F150K, FA150K	2-4	A/R		2
170, 170A,B		A/R		
180, 180A,B,C,D,E		A/R		
180F	2-4	A/R		
180G,H,J,K	2-4	A/R		A/R
180J,K	2-4	A/R	A/R	A/R
185, 185A,B,C,D,E, A185E	2-4	A/R		A/R
A185F	2-4	A/R	A/R	A/R
190, 195A,B		A/R		

[1] 0.100" tapered shim
[2] 0.160" tapered shim
[3] 0.040" shim
[4] 0.050" shim

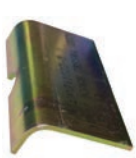


P/N AD0441023-2
0.100" Tapered Shim

P/N AD0441023-160
0.160" Tapered Shim



P/N AD0741022-1
0.040" Shim



P/N AD0741022-2
0.050" Shim

Landing Gear Axle Shim

Tapered shim to adjust axle alignment
P/N AD1941007-1
FAA-PMA approved for 207, 207A, T207, T207A
(2) per aircraft

Save $$$



Manufactured by F Atlee Dodge

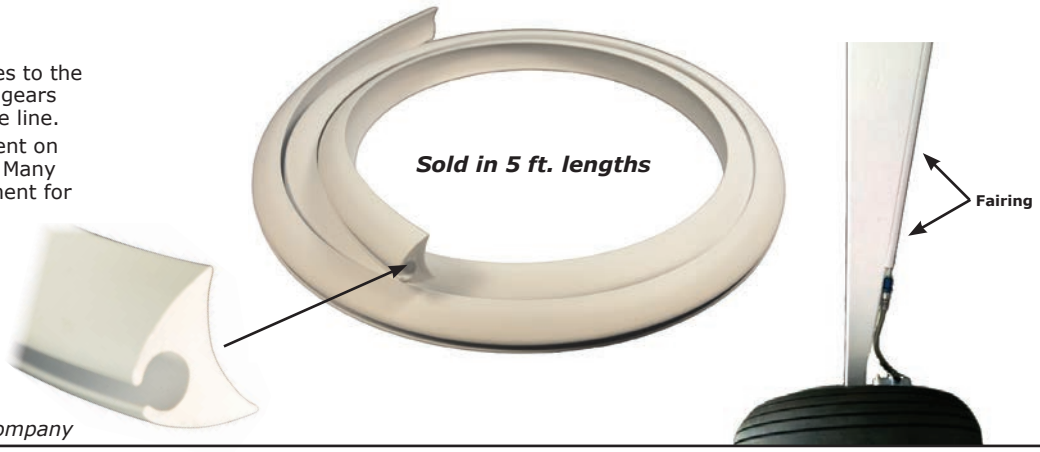
Cessna Brake Line Fairing Extrusion

Reduce Drag! P/N P580058

- Paintable
- Easily attaches with super glue
- Replaces P/N S1511-1

White rubber extrusion that attaches to the trailing edge of flat Cessna landing gears and serves as a fairing for the brake line.

This extrusion was original equipment on later model aircraft with flat gears. Many mechanics use this as an improvement for the earlier aircraft.

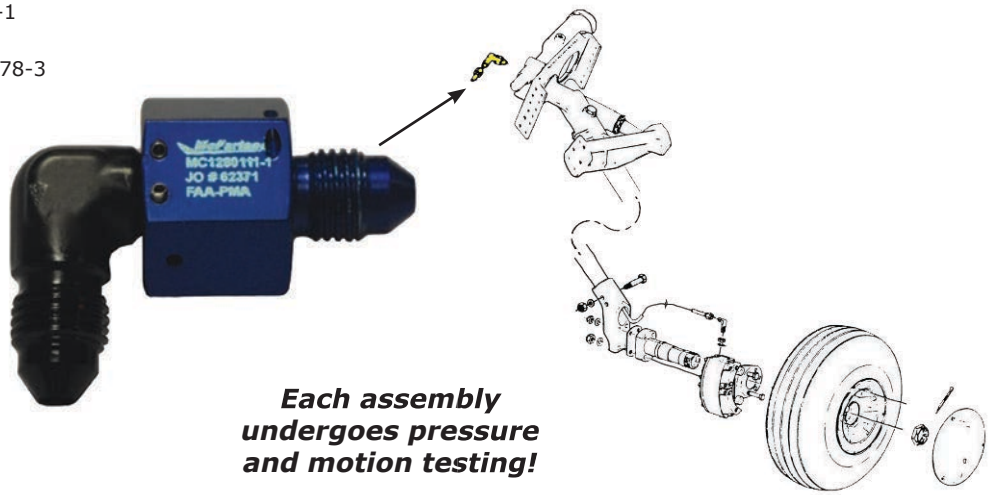


Manufactured by Cessna Aircraft Company

Retractable Gear Brake Swivel for Cessna Aircraft

Replace your leaking Brake Swivel Assembly

- FAA-PMA approved P/N MC1280111-1
- Save up to 25%
- Includes O-ring part number MS28778-3
- In stock, readily available!



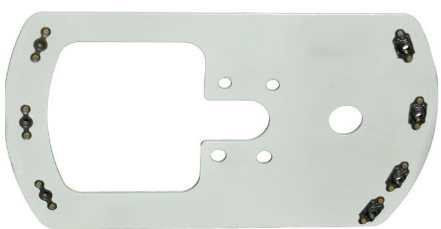
Each assembly undergoes pressure and motion testing!

Aircraft
172RG
177RG, FR177RG
FR182, R182, TR182
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R
P210N,R
T210F,G,H,J,K,L,M,N,R

Wheel Pant Mounting Plates for Cessna Aircraft

P/Ns MC0441225-1, MC0441225-2, MC0541220-1, MC0541220-2

- Machined from high strength aluminum alloy
- Anodized for corrosion resistance
- Nut plates are riveted in place — ready to install!



Maintenance Tip:

Wheel pant mounting plates commonly crack around the axle. If any cracks are present, they should be replaced. Cracks are caused by wheel pant vibration. Assure that the wheel pant axle bolts are tight. Proper wheel balance will lessen wheel pant vibration.

See Tools and Maintenance section for an effective wheel balancer.

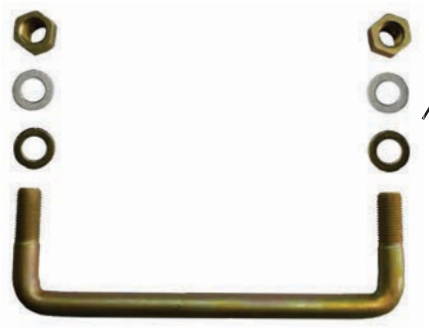
Model	Serial Number	Left	Right
150L[1],M	15074851 thru 15079405	MC0441225-1	MC0441225-2
F150L[1],M	F15001014 thru F15001428	MC0441225-1	MC0441225-2
A150L[1],M	A1500430 thru A1500734	MC0441225-1	MC0441225-2
FRA150L[1],M	FRA1500212 thru FRA1500336	MC0441225-1	MC0441225-2
152	15279406 thru 15286033	MC0441225-1	MC0441225-2
A152	A1520735 thru A1521049	MC0441225-1	MC0441225-2
F152	F15201429 thru F15201980	MC0441225-1	MC0441225-2
FA152	FA1520337 thru FA1520425	MC0441225-1	MC0441225-2
172M[1],N,P,Q	17261899 thru 17276673	MC0541220-1	MC0541220-2
172R	17280001 and On	MC0541220-1	MC0541220-2
172S	172S80001 and On	MC0541220-1	MC0541220-2
F172M[1],N,P	F17201035 thru F17202254	MC0541220-1	MC0541220-2
FR172J[1],K	FR17200441 thru FR17200675	MC0541220-1	MC0541220-2
R172K	R1722000 thru R1723454	MC0541220-1	MC0541220-2

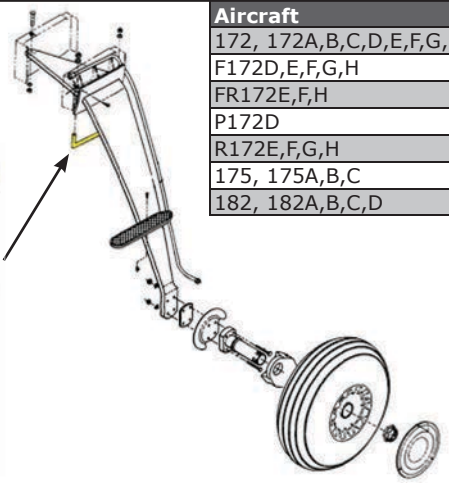
[1] Partial model eligibility

Landing Gear U-Bolt for Cessna Aircraft

P/N MC0541153

- Save $$$
- Vacuum re-melt crankshaft steel alloy for extreme fatigue resistance
- Rolled "J" threads instead of cut threads for twice the fatigue resistance
- FAA approved ICA allows 1200 hrs service life instead of 1000 hrs as per SE78-68





Aircraft
172, 172A,B,C,D,E,F,G,H,I,K
F172D,E,F,G,H
FR172E,F,H
P172D
R172E,F,G,H
175, 175A,B,C
182, 182A,B,C,D

U-Bolt History and Maintenance

By Dave McFarlane

U-Bolts take immense vibration and cyclic stress loading from landing and taxiing on imperfect runways. The long Cessna landing gear legs have tremendous twisting leverage on the U-Bolts. Every imperfection you feel while taxiing or operating on the runway is magnified to large stress forces on the U-Bolts that clamp the gear to the outboard fuselage support forgings. The Cessna U-Bolts are made from standard 4130 Steel with inclusions and other imperfections in the metal. The standard sharp threads are cut during Cessna manufacture. The cut threads allow stress concentration of the large stress forces in the sharp "V" of the thread where the U-Bolts are often found broken. When the aircraft is operated with broken U-Bolts, the weight of the airplane and the inboard attachment bolt keeps the landing gear in place, but the twisting gear stress results in hammering vibration on the gear forgings.

If you listen for it, you can hear a broken U-Bolt in the cabin during taxi or you can check for a broken U-Bolt by kicking the tire while holding your finger between the gear leg and the fuselage structure. You will feel movement if the U-Bolt is broken. This hammering will eventually start cracks in the aluminum gear forging and the forging must be replaced — a very expensive repair. It is also recommended to replace the inboard gear support bolt if the aircraft has been operated with a broken U-Bolt. The inboard bolt is a special high strength magnafluxed bolt that is critical to landing gear security. Because of the U-Bolt failure problem, Cessna issued Service Bulletin SE78-68 requiring periodic inspection of the U-Bolts and replacement of the U-Bolts every 1000 hours to prevent failure and to prevent continued operation with failed U-Bolts. Proper torque process and value are also very important to prevent U-Bolt failure.

McFarlane U-Bolts are manufactured from higher strength 4340 Crankshaft Steel that has been re-melted under vacuum to remove imperfections in the steel. The threads are roll formed, which strengthens the threads by perfecting the grain structure of the metal that drastically improves fatigue resistance. The "J" style rolled threads are formed with a radius in the bottom of the thread "V" that spreads out the stress loading. McFarlane furnishes new nuts that are designed to work effectively with the "J" thread design. The McFarlane U-Bolts are then carefully heat treated and tempered for perfection in strength and fatigue resistance. Our FAA approved Instructions for Continuous Airworthiness (ICA) conservatively recommend 1200 hours between U-Bolt replacements.

Axles for Cessna Aircraft

Don't lose an airplane because of a broken aluminum axle!

Steel Axle
P/N AF1441003-1

- Weighs only 2.28 lbs
- Save hundreds $$$



Titanium Axle
P/N AF1441003-1T

- Reduces weight by 2 lbs vs. steel axles
- Will not rust



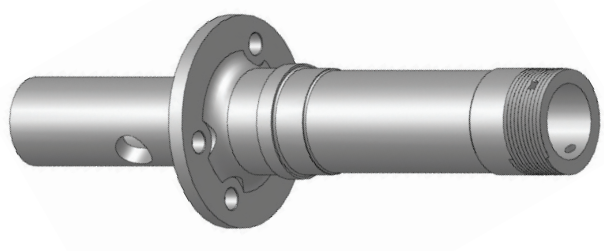
Model	Serial Number
170, 170A,B	18000 thru 27169
180, 180A-H	30000 thru 18052284
182, 182A-S	33000 and On
T182, R182, TR182	1820001 thru R18202041
185, 185A-E, A185E-F	1850001 thru 18504448
206 U206, U206A-G TU206A-G	206-0001 thru U20607020
P206, P206A-E TP206A-E	P206-0001 thru P20600647
206H, T206H	All

High Strength Parts for Helio H-295 Courier Aircraft

Parts are manufactured from high strength material and machined from a single billet.
Stronger than original welded assemblies!

Axle P/N AF250-040-495

- Cad plated for increased durability
- Precision fit - drop in direct replacement
- Accommodates wheel-ski installation



Manufactured by Airforms, Inc.

Nose Gear Gravel Deflector

Protect your cargo pod from costly rock damage

- Deflect rocks from belly, antennas, and cargo pod
- For maximum equipment protection, install the Main Gear Gravel Deflector & the Nose Tire Scraper
- Also great for operating from paved surfaces!



Manufactured by AeroTwin

Aircraft	P/N
Cessna	
206, 206H, T206H[1], P206, P206A,B,C,D,E[1], TP206A,B,C,D,E[1] TU206A,B,C,D,E,F,G[1] U206, U206A,B,C,D,E,F,G[1]	NGD6-100
208, 208B	NGD8-100
Quest/Daher	
Kodiak 100	NGDQ-100

Notes:
[1] Only approved with the Airglas large nose fork

Main Landing Gear Gravel Deflector

Prevent damage to the stabilizer and aft fuselage

- Deflect rocks from stabilizer and fuselage
- Keep mud, snow, and rocks off of your wings
- Installation requires no additional holes in the structure



Manufactured by AeroTwin

Aircraft	P/N	Applicable w/ STC Installed
Cessna		
180, 180A,B,C,D,E,F,G,H,J,K	GD5-100	SA02022AK
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q[2]	GD5-102	
185, 185A,B,C,D,E, A185E,F	GD5-105	SA4622NM
P206, P206A,B,C,D,E[1] TP206A,B,C,D,E[1]	GD6-100	SA4614NM
TU206A,B,C,D,E,F,G[1] U206, U206A,B,C,D,E,F,G[1]	GD6-200	SA02003AK
207, 207A, T207, T207A	AT-GD-1001	SA4623NM
208, 208B	GD8-100	SA4651NM
Quest/Daher		
Kodiak 100	GDQ-100	

[1] For big tires, use P/N GD6-200
[2] S/N 33000 thru 18266590

Nose Tire Scraper

Shield your propeller from gravel, sand, and water damage!
P/N ATI-208TS fits Caravan 208, 208B with STC SA2335NM installed
P/N TSQ-100 fits Quest/Daher Kodiak 100

- Easily install in under 20 minutes
- Rubber scraper knocks rocks out of the tire tread to keep them from being flung forward though the prop
- Replacement rubber scrapers are available





Manufactured by AeroTwin



Brake and Wheel Components

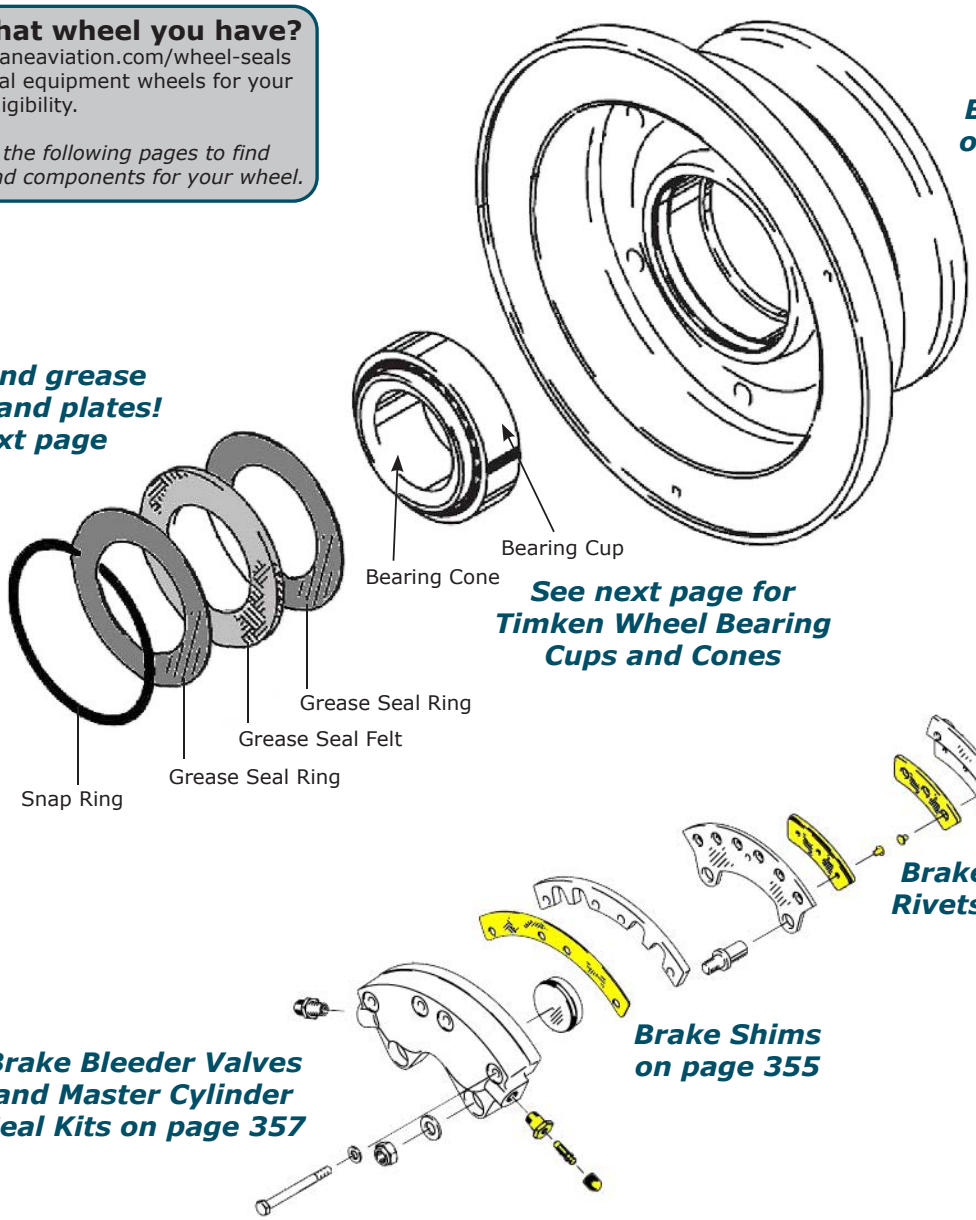
Brake Discs, Linings, Seals, and Wheel Bearing Cups and Cones



Optimal brake performance and safety!

Not sure what wheel you have?
Visit www.mcfarlaneaviation.com/wheel-seals to find the original equipment wheels for your aircraft and its eligibility.

See the table on the following pages to find the correct kit and components for your wheel.



Wheel Grease Seal Kits for Cessna Aircraft

Finally a low cost alternative! FAA-PMA approved for Cessna aircraft with Cleveland and McCauley wheels
Convenient Kits now available

- Each kit contains everything required to service one wheel: grease seal rings, plates, snap rings and felts; even screws and washers when required
- We have done the research so you don't have to!
- Hard to find parts in stock
- Save $$$

FAA-PMA Approved!

Approval for Mooney and Beechcraft coming soon!

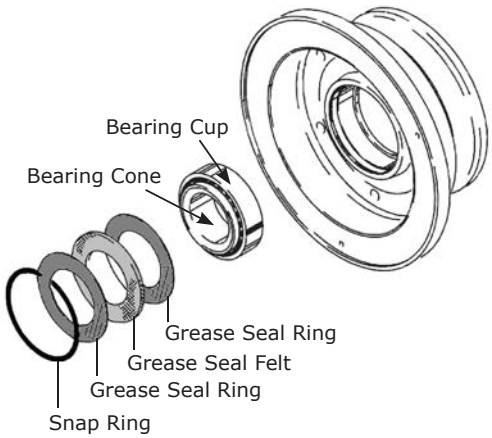
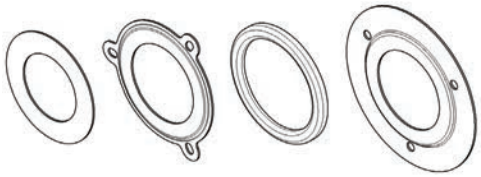


Fig A Flat Ring | **Fig B** Plate | **Fig C** Cupped Ring | **Fig D** Plate



Grease Seal Rings and Plates				
P/N	ID	OD	Thickness	Fig
MC153-00300	1-33/64	2-1/2	0.034	A
MC153-00400	1-45/64	2-5/8	1/32	A
MC153-00500	1-3/4	2-3/4[1]	5/32	B
MC153-00800	1-53/64	2-23/64	1/32	A
MC153-01000	2-1/16	2-3/4[1]	1/8	B
MC153-01500	2-1/16	2-5/8	13/64	C
MC153-30013	1-11/16	2-39/64	1/32	A
MC153-30014	2-1/16	2-5/8	11/64	C
MC153-30015	1-17/32	2-35/64	1/32	A
MC156-00100	1-3/4	3-22/32	1/8	D

[1] OD measurement **does not** include mounting tabs

Grease Seal Felt			
P/N	ID	OD	Thickness
MC154-01400	1-3/4	2-5/8	1/8
MC154-00300	1-5/8	2-5/8	1/8
MC154-00600	1-3/4	2-13/32	1/8
MC154-00900	2-1/8	2-7/16	1/8
MC154-01300	2-1/8	2-1/2	3/16
MC154-30010	2-1/8	2-17/32	1/8
Snap Ring			
MC155-00100	9/64	2-3/4	1/32
MC155-00200	9/64	2-1/2	0.025
MC155-11800	5/32	2-1/2	1/32
MC155-11900	5/32	2-3/4	1/32

Dimensions are approx. and for identification only. Dimensions are in inches.

Bearing Cups		
P/N	OD	Width
07196-20629	1.9687	0.3750
07204-20629	2.0470	0.5000
08231-20629	2.3125	0.4219
13830-20629	2.5000	0.3750
13836-20629	2.5625	0.3750
18337-20629	3.3750	0.5000
19268-20629	2.6250	0.4688
39412-20629	4.1250	0.6250
A4138-20629	1.3775	0.3437
L217813-20629	5.0000	0.7500
LL217810-20629	4.7812	0.4375
LM29710-20629	2.5625	0.5500
LM67010-20629	2.3280	0.4650
LM501310-20629	73.431	0.5800

Bearing Cones		
P/N	Bore	Inner Ring Width
07100-20629	1.0000	0.5614
08125-20629	1.2500	0.5937
13889-20629	1.5000	0.4688
18200-20629	2.0000	0.7190
19150-20629	1.5000	0.6504
39250-20629	2.5000	0.8661
A4050-20629	0.5000	0.4326
L217849-20629	3.5000	0.5938
LM29749-20629	1.5000	0.7200
LM67048-20629	1.2500	0.6600
LM501349-20629	41.275	0.7800

Wheel Bearing Cups and Cones

FAA-PMA approved Timken wheel bearings for Goodyear, Cleveland, and McCauley wheels.

- Class 2 aviation grade bearings (Timken designates these with a -20629 suffix)
- When landing, the wheel bearings must go from Zero RPM to 1384 RPM, or more, instantaneously. Automotive bearings aren't designed for this type of service
- Tighter tolerance and higher quality control than Class 4 automotive bearings
- Save $$$



Don't be tempted to buy cheap automotive bearings!
Since Timken uses the same part number for both automotive and aviation versions of these bearings, many people mistakenly use lower quality automotive bearings in their airplane. It is critical that FAA-PMA Class 2 version be used for aircraft applications for two reasons:

1. They are a higher class bearing with tighter tolerance and have been subjected to more stringent quality control procedures. Due to the smaller diameter of aircraft wheels, at a given ground speed the bearings rotate at a much higher RPM and require the tighter tolerances to prevent premature failure. Example: At a 70 mph touchdown speed (equivalent to highway speed of a car), a typical 17-inch diameter airplane tire is rotating at 1384 RPM, whereas a typical 27 inch car tire is only rotating at 871 RPM. So even though the aircraft bearing is only subject to intermittent use, some of the performance demands are much higher than a typical automotive application.

2. It is a violation of FAA regulations to use non-approved automotive bearings on certified aircraft.

See the table on the next page to find the correct bearing for your wheels

Wheel to Seal Kit and Bearing Cross Reference for Cessna Aircraft

Wheel Mfr	Mfr. P/N	Cessna Wheel P/N	Kit P/N	Bearing Cone P/N	Bearing Cup P/N
CLEVELAND	040-07502	C163001-0301	WH-KT-2	13889	13836
CLEVELAND	40-101	C163001-0601	WH-KT-22	LM29749-20629	LM29710
CLEVELAND	40-101A		WH-KT-22	LM29749-20629	LM29710
CLEVELAND	40-113	C163001-0104	WH-KT-2	13889	13836
CLEVELAND	40-12	0441179-2	WH-KT-15	08125	08231
CLEVELAND	40-135A	9910393-2, 9910393-6	WH-KT-28	LM29749-20629, 07100 [1]	LM29710, 07204 [1]
CLEVELAND	40-138A		WH-KT-17	LM29749-20629, 07100 [1]	LM29710, 07204 [1]
CLEVELAND	40-140A	9910194-8	WH-KT-39	13889	13836
CLEVELAND	40-142	C163001-0701	WH-KT-2	13889	13836
CLEVELAND	40-177A	C163001-0901	WH-KT-42	13889	13836
CLEVELAND	40-179	040-17900	WH-KT-42	LM29749-20629	LM29710
CLEVELAND	40-18	0441179-14	WH-KT-34	08125	08231
CLEVELAND	40-19	0441156-13	WH-KT-15	08125	08231
CLEVELAND	40-20	0441156-14	WH-KT-34	08125	08231
CLEVELAND	40-21	0441156-15	WH-KT-11	13889	13836
CLEVELAND	40-32	0741026-3	WH-KT-8	13889	13836
CLEVELAND	40-35	0743001-4	WH-KT-34	08125	08231
CLEVELAND	40-40A	5041016-3	WH-KT-28	LM29749-20629, 07100 [1]	LM29710, 07196 [1]
CLEVELAND	40-40D	5041016-5	WH-KT-28	LM29749-20629, 07100 [1]	LM29710, 07204 [1]
CLEVELAND	40-55	0441156-16	WH-KT-38	13889	13836
CLEVELAND	40-57	0441156-17	WH-KT-8	13889	13836
CLEVELAND	40-57A		WH-KT-11		
CLEVELAND	40-66	0441156-18	WH-KT-8	13889	13836
CLEVELAND	40-67	0441156-19	WH-KT-11	13889	13836
CLEVELAND	40-68	0441156-20	WH-KT-34	08125	08231
CLEVELAND	40-73	1241156-11	WH-KT-39		
CLEVELAND	40-75	1241156-10	WH-KT-2	13889	13836
CLEVELAND	40-75B	040-07502, 1241156-10, C163001-0301	WH-KT-2	13889	13836
CLEVELAND	40-75D	C163001-0302	WH-KT-2	13889	13836
CLEVELAND	40-75T	040-07518-1	WH-KT-2	13889	13836
CLEVELAND	40-76	1241156-11	WH-KT-39	13889	13836
CLEVELAND	40-76A	1241156-11, 1241156-43	WH-KT-39	13889	13836
CLEVELAND	40-76B	0441156-16	WH-KT-42	13889	13836
CLEVELAND	40-77	1241156-12, 0441156-14, 0441156-20, 0441179-14, 0743001-4	WH-KT-34	08125	08231
CLEVELAND	40-78	1241156-13	WH-KT-34	08125	08231
CLEVELAND	40-79	1241156-14	WH-KT-2	13889	13836
CLEVELAND	40-79A	1241156-14	WH-KT-2	13889	13836
CLEVELAND	40-96E	C163001-0401	WH-KT-2	13889	13836
CLEVELAND	40-97	C163001-0102	WH-KT-2	13889	13836
CLEVELAND	40-97A	C163001-0102, C163001-0103	WH-KT-2	13889	13836
CLEVELAND	40-98A	C163001-0501	WH-KT-2	13889	13836
CLEVELAND	40-98H	C163001-0801	WH-KT-2	13889	13836
CLEVELAND	40-127, 40-137, 40-174			18200	18337
CLEVELAND	40-211, 40-279, 40-279A			39250	39412
GOODYEAR	9532522	0541183-9		13889	13830
GOODYEAR	9532673	0541160-13		13889	13830
GOODYEAR	511960S	0441016-1		13889	13830
GOODYEAR	95-3472	0441016-1		13889	13830
MCCAULEY	C30480	C163003-0401	WH-KT-35	LM67048	LM67010
MCCAULEY	D30065	C163002-0101		LM29749-20629	LM29710
MCCAULEY	D30256	C163003-0101		LM29749-20629	LM29710
MCCAULEY	D30291-1	C163004-0101	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30291-2	C163004-0102	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30291-3	C163004-0103	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30291-6	C163004-0104	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30500	C163002-0201, C163003-0201, C163005-0201	WH-KT-35	LM67048	LM67010
MCCAULEY	D30580	C163003-0102	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30660-1	C163002-0101, C163003-0101, C163005-0101, C163006-0101	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30660-2	C163006-0102	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30660-3	C163006-0103	WH-KT-5	LM29749-20629	LM29710
MCCAULEY	D30665	9910194-1, C163002-0301, C163003-0301, C163003-0302, C163006-0201	WH-KT-47	LM29749-20629	LM29710
		95-3472		13889	13830
		3244		A4050	A4138

Note:

For FAA-PMA approved aircraft model eligibility, see www.mcfarlaneaviation.com

[1] Cone P/N LM29749-20629 and Cup P/N LM29710 are used on the outboard of the wheel and Cone P/N 07100 and Cup P/N 07196 or P/N 07204 are used on the inboard of the wheel.

Wheel Grease Seal Kit Components

For Cessna and Piper aircraft

Eligibility on the following pages

McFarlane Wheel Seal Kit Components			
Kit P/N	**Qty**	**Part Number**	**Description**
WH-KT-1	1	MC154-00200	Felt, Grease Seal
	1	MC154-02800	Felt, Grease Seal
	4	MC153-00200	Ring Grease Seal, Flat
	2	MC155-00200	Ring, Snap
WH-KT-2	1	MC154-00300	Felt, Grease Seal
	1	MC154-01300	Felt, Grease Seal
	1	MC153-00300	Ring Grease Seal, Flat
	2	MC153-00400	Ring Grease Seal, Flat
	1	MC153-01500	Ring Grease Seal, Cupped
	2	MC155-00100	Ring, Snap
WH-KT-5	1	MC154-00300	Felt, Grease Seal
	1	MC154-30010	Felt, Grease Seal
	2	MC153-30013	Ring Grease Seal, Flat
	1	MC153-30014	Ring Grease Seal, Cupped
	1	MC153-30015	Ring Grease Seal, Flat
	2	MC155-11900	Ring, Snap
WH-KT-7	1	MC154-00300	Felt, Grease Seal
	2	MC153-00400	Ring Grease Seal, Flat
	2	MC155-00100	Ring, Snap
	1	MC155-00300	Ring, Snap
WH-KT-8	1	MC154-00400	Felt, Grease Seal
	1	MC153-00500	Plate, Grease Seal
	1	MC156-00100	Plate, Grease Seal
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-9	1	MC154-00400	Felt, Grease Seal
	1	MC154-00500	Felt, Grease Seal
	4	MC153-00500	Ring Grease Seal, Bolted
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-11	1	MC154-00400	Felt, Grease Seal
	1	MC154-00900	Felt, Grease Seal
	1	MC153-00300	Ring Grease Seal, Flat
	1	MC153-00500	Plate, Grease Seal
	1	MC153-01000	Plate, Grease Seal
	1	MC156-00100	Plate, Grease Seal
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-12	1	MC154-00400	Felt, Grease Seal
	2	MC153-00500	Ring Grease Seal, Bolted
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-15	1	MC154-00600	Felt, Grease Seal
	2	MC153-00800	Ring Grease Seal, Flat
	2	MC155-00200	Ring, Snap
WH-KT-17	1	MC154-00800	Felt, Grease Seal
	2	MC153-00900	Ring Grease Seal, Flat
	1	MC155-00100	Ring, Snap
	1	MC155-00600	Ring, Snap
WH-KT-20	1	MC154-01300	Felt, Grease Seal
	1	MC154-01400	Felt, Grease Seal
	1	MC153-00300	Ring Grease Seal, Flat
	2	MC153-00900	Ring Grease Seal, Flat
	1	MC153-01500	Ring Grease Seal, Drawn Cup
	2	MC155-00100	Ring, Snap
WH-KT-21	1	MC154-01300	Felt, Grease Seal
	1	MC154-01600	Felt, Grease Seal
	1	MC153-00300	Ring Grease Seal, Flat
	1	MC153-01500	Ring Grease Seal, Drawn Cup
	2	MC153-01600	Ring Grease Seal, Flat
	2	MC155-00100	Ring, Snap

Continued on the next column

McFarlane Wheel Seal Kit Components			
Kit P/N	**Qty**	**Part Number**	**Description**
WH-KT-22	1	MC154-01400	Felt, Grease Seal
	2	MC153-00900	Ring Grease Seal, Flat
	2	MC155-00200	Ring, Snap
WH-KT-24	1	MC154-01600	Felt, Grease Seal
	2	MC153-01600	Ring Grease Seal, Flat
	2	MC155-00100	Ring, Snap
WH-KT-26	1	MC154-02600	Felt, Grease Seal
	2	MC153-01900	Ring Grease Seal, Flat
	2	MC155-04400	Ring, Snap
WH-KT-28	1	MC154-03000	Molded Seal
	1	MC155-00100	Ring, Snap
	1	MC155-00600	Ring, Snap
WH-KT-32	2	MC154-00300	Felt, Grease Seal
	4	MC153-00400	Ring Grease Seal, Flat
	2	MC155-00100	Ring, Snap
WH-KT-33	2	MC154-00400	Felt, Grease Seal
	4	MC153-00500	Ring Grease Seal, Bolted
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-34	2	MC154-00600	Felt, Grease Seal
	4	MC153-00800	Ring Grease Seal, Flat
	2	MC155-00200	Ring, Snap
WH-KT-35	2	MC154-00600	Felt, Grease Seal
	4	MC153-00800	Ring Grease Seal, Flat
	2	MC155-11800	Ring, Snap
WH-KT-38	2	MC154-00900	Felt, Grease Seal
	2	MC153-00300	Grease Seal Plate
	2	MC153-01000	Plate, Grease Seal
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-39	2	MC154-01300	Felt, Grease Seal
	2	MC153-00300	Ring Grease Seal, Flat
	2	MC153-01500	Ring Grease Seal, Cupped
	2	MC155-00100	Ring, Snap
WH-KT-42	2	MC154-03000	Molded Seal
	2	MC155-00100	Ring, Snap
WH-KT-47	2	MC154-30010	Felt, Grease Seal
	2	MC153-30014	Ring Grease Seal, Cupped
	2	MC153-30015	Ring Grease Seal, Flat
	2	MC155-11900	Ring, Snap
WH-KT-49	1	MC154-03400	Molded Seal
	2	MC155-04400	Ring, Snap
WH-KT-52	2	MC154-01400	Felt, Grease Seal
	4	MC153-00900	Ring Grease Seal, Flat
	2	MC155-00100	Ring, Snap

Coming Soon! FAA-PMA Beechcraft & Mooney Grease Seal Felts, Retainer Plates, and Retainers!

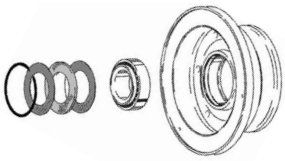
Please check our website for progress on these items.

FAA-PMA Approved! Wheel Seals and Kits for Piper Aircraft

Finally a low cost alternative! Convenient Kits now available:

- Each kit contains everything required to service one wheel: grease seal rings, plates, snap rings and felts; even screws and washers when required
- We have done the research so you don't have to!
- Hard to find parts in stock
- Save $$$





Model	S/N	Equipped w/Wheel	Location	Kit P/N
AE-1, HE-1, J3 (Converted TG-8 Glider) J-3, J3C-40, J3C-50, J3C-50S, J3C-65 (Army L-4,L-4A,B,H,J, Navy NE-1,2), J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65 (Army L-4D), J3F-65S, J3L, J3L-65 (Army L-4C), J3L-65S, J3L-S, J3P	All	40-60	Main	WH-KT-1
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
J4, J4A, J4A-S, J4B, J4E (Army L-4E), J4F, J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C	All	40-60	Main	WH-KT-1
PA-11, PA-11S	All	40-60	Main	WH-KT-1
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
PA-12, PA-12S, PA-14, PA-15, PA-16, PA-16S, PA-17	All	40-60	Main	WH-KT-1
PA-18, PA-18 "105" (Special), PA-18 "125" (Army L-21A),PA-18 "150", PA-18A, PA-18A "135", PA-18A "150"	All	40-60 [1]	Main	WH-KT-1
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
PA-20, PA-20 "115",PA-20 "135"	All	40-60	Main	WH-KT-1
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160	All	38501 (40-8)	Aux	WH-KT-9
		40-76B	Aux	WH-KT-42
		3040 (40-6), 40-28	Main	WH-KT-12
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
PA-23, PA-23-160, PA-23-235, PA-E23-250	All	38501 (40-8)	Aux	WH-KT-9
		40-76B	Aux	WH-KT-42
		3080A (40-3), 3080B (40-4), 3080D (40-116) 40-131	Main	WH-KT-7
PA-24, PA-24-250, PA-24-260, PA-24-400	All	38501 (40-8)	Aux	WH-KT-9
		40-76B	Aux	WH-KT-42
		3070 (40-5), 40-58	Main	WH-KT-33
		40-84, 40-90	Main	WH-KT-2
		40-84B	Main	WH-KT-21
PA-25, PA-25-235, PA-25-260	All	3070 (40-5)	Main	WH-KT-33
		40-61	Main	WH-KT-12
		40-84A	Main	WH-KT-32
PA-28-140, PA-28-150, PA-28-160, PA-28-180	28-20002 and on	38501 (40-8)	Aux	WH-KT-9
		40-76B, 40-76F	Aux	WH-KT-42
		D-30625	Aux	WH-KT-47
		40-28	Main	WH-KT-12
		40-86, 40-86B	Main	WH-KT-32
		40-86F	Main	WH-KT-42
PA-28-151, PA-28-161 [3], PA-28-181, PA-28-201T	All	40-56, 40-56B, 40-76F [2]	Aux	WH-KT-42
		40-77, 40-77B	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
		D-30625, D-30665	Aux	WH-KT-47
		40-86B	Main	WH-KT-32
		40-86F	Main	WH-KT-42
PA-28-235	28-10003 and on	38501 (40-8)	Aux	WH-KT-9
		D-30625	Aux	WH-KT-47
		40-76B, 40-76F	Aux	WH-KT-42
		40-58	Main	WH-KT-33
		40-86, 40-86B	Main	WH-KT-32
		40-86F	Main	WH-KT-42

Note:

[1] Wheel 40-60 eligible for SN 18-3781 thru 8309025

[2] Eligible for PA-28-181 all serials

[3] Eligible for S/Ns 2816001 thru 2816119, 2841001 thru 2841365 and 2842001 thru 2842999

[4] 40-140 Wheel, Kit WH-KT-42 contains a molded seal

[5] 40-140 Wheel, Kit WH-KT-52 contains a felt seal

Eligibility continued on next page

FAA-PMA Approved! Wheel Seals and Kits for Piper Aircraft continued from previous page

Model	Serial Range	Equipped w/Wheel	Location	Kit P/N
PA-28-236	2811001 thru 2811050, 28-7911001 thru 28-8611008	40-56	Aux	WH-KT-42
		D-30665	Aux	WH-KT-47
		40-86B	Main	WH-KT-32
		40-86F	Main	WH-KT-42
		40-90A	Main	WH-KT-2
PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T	All	40-77, 40-77A, 40-77B	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
		40-84	Main	WH-KT-2
		40-84B	Main	WH-KT-21
		40-86, 40-86B	Main	WH-KT-32
		40-86F	Main	WH-KT-42
PA-30	All	38501 (40-8)	Aux	WH-KT-9
		40-76B	Aux	WH-KT-42
		40-34	Main	WH-KT-32
		40-90	Main	WH-KT-2
PA-31, PA-31-300, PA-31-325, PA-31-350 (T1020), PA-31-350, PA-31P, PA-31P-350, PA-31T, PA-31T1, PA-31T2, PA-31T3 (T1040)	All	40-76B	Aux	WH-KT-42
		40-140	Aux	WH-KT-42 4 WH-KT-52 5
		40-102, 40-102A	Main	WH-KT-21
		40-130, 40-162	Main	WH-KT-24
		40-141, 40-106, 40-106A, 40-167, 40-167A	Main	WH-KT-26
PA-32-260, PA-32-300, PA-34-200, PA-34-200T, PA-34-220T	All	38501 (40-8)	Aux	WH-KT-9
		40-56 ,40-56B, 40-76B, 40-76F	Aux	WH-KT-42
		D-30665, D-30625	Aux	WH-KT-47
		40-90, 40-90A, 40-120	Main	WH-KT-2
PA-36-285, PA-36-300, PA-36-375	All	40-101	Main	WH-KT-22
PA-38-112	All	40-56	Aux	WH-KT-42
		40-59D	Main	WH-KT-42
		40-78B	Main	WH-KT-34
	38-78A0001 thru 38-80A0198	40-77, 40-77B, 40-77C	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
PA-39	All	40-90	Main	WH-KT-2
	39-1 thru 39-148	38501 (40-8)	Aux	WH-KT-9
PA-42, PA-42-1000	All	40-140	Aux	WH-KT-42 4 WH-KT-52 5
		40-166	Main	WH-KT-26
		40-176	Main	WH-KT-49
PA-42-720, PA-42-720R	All	40-140	Aux	WH-KT-42 4 WH-KT-52 5
		40-166	Main	WH-KT-26
PA-44-180, PA-44-180T	All	40-77, 40-77B	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
		40-90A, 40-120, 40-120C	Main	WH-KT-2
PA-46-310P, PA-46-350P (w/ G1000), (w/o G1000)	All	40-77, 40-77B	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
		40-120C	Main	WH-KT-2
PA-46-500TP (w/ G1000), (w/o G1000)	All	40-77G	Aux	WH-KT-34
		40-142	Main	WH-KT-2
PA-46R-350T, PA-46R-350T (w/ G1000), (w/o G1000)	All	40-77, 40-77B	Aux	WH-KT-34
		D-30500	Aux	WH-KT-35
		40-120C	Main	WH-KT-2
PA-60-600 (or Ted Smith Aerostar 600), PA-60-601 (or Ted Smith Aerostar 601), PA-60-601P (or Ted Smith Aerostar 601P), PA-60-602P (or Ted Smith Aerostar 602P)	All	40-76B, 40-76F	Aux	WH-KT-42
		40-124	Main	WH-KT-20

Note:

1 Wheel 40-60 eligible for SN 18-3781 thru 8309025

2 Eligible for PA-28-181 all serials

3 Eligible for S/Ns 2816001 thru 2816119, 2841001 thru 2841365 and 2842001 thru 2842999

4 40-140 Wheel, Kit WH-KT-42 contains a molded seal

5 40-140 Wheel, Kit WH-KT-52 contains a felt seal

APS *BlackSteel*® Brake Discs and Linings

Improved braking performance with superior rust pit resistance

APS is a leading manufacturer of FAA-PMA replacement brake components. Their proprietary ***BlackSteel***® brake discs and linings provide optimal braking performance, strength, and longer service life.



Installation Tip:
One of the most important factors in disc and lining performance and safety margins is proper break-in. For break-in procedures go to: www.mcfarlaneaviation.com/pdfDocuments/APSBreak-InProcedures.pdf

APS *BlackSteel*® Brake Discs

State-of-the-art CNC machined from a one-piece forging

The high quality APS ***BlackSteel***® brake discs are CNC machined from one piece forgings, eliminating weld failures. When the metal is forged, it creates a directional grain flow that follows the contour of the disc. This allows for a much stronger disc that has a reduced risk of the cracking, distortion, and catastrophic failures associated with inferior welded designs.

A truly superior product.
Don't buy yesterday's technology!

Proprietary heat treatment provides strength and corrosion resistance

BlackSteel® discs are put through a proprietary heat treating process that strengthens the steel by bonding the carbon, oxygen, and nitrogen in the top layer of the metal. The process is not a coating, but a transformation of the top layer of the metal, providing corrosion resistance. The heat treatment provides the steel surface with a high resistance to the corrosion and oxidation associated with the extreme thermal cycling experienced in aircraft braking systems. This makes for an excellent agricultural aircraft choice or those working in a harsh, chemical environment, or aircraft stored outside most of the time. The reduction of corrosion, pitting, and rusting, plus a longer service life results in enhanced safety, durability, and value, while providing optimum braking performance and strength. APS discs can be used with APS lining or other PMA or OEM lining.



P/N APS164-02706



P/N APS164-00300

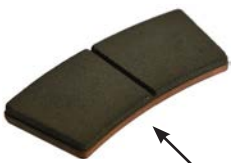


P/N APS164-03006

APS Brake Linings

Superior stopping power

Two types of brake linings are available: semi-metallic/organic (abrasive) and metallic (adherent). The part number of the brake assembly as determined by the OEM dictates which type of lining should be used. APS linings can be used with APS discs or other PMA or OEM discs.



Top Lining
P/N APS66-04400
Bottom Lining



Semi-Metallic Brake Linings

The semi-metallic linings are made with Kevlar fibers integrated into the material, providing the greatest stopping power and long lining life. The optimal operating temperature of the semi-metallic linings is 600-900 deg F.

Metallic Brake Linings

APS metallic brake linings are constructed from an innovative design and durable materials, providing longer wear and superior stopping power for greater safety. The main ingredient in the metallic linings is iron. In an adherent system, a thin layer of lining material transfers and adheres to the disc during break-in. The optimal operating temperature range of the metallic linings is 950-1200 deg F.



P/N APS66-10900



P/N APS66-10800



P/N APS66-10600



P/N APS66-02200

APS Lining Retaining Rivets and Pins

Lining retaining pins are used on various metallic brake linings and rivets are used on various organic brake linings. Retaining pins are sold individually and rivets are sold in packages of 25.

Rivets and Pins			
Part Number	**Description**	**Head Diameter**	**Shank Diameter**
APS105-00200	Rivet	5/16"	5/32"
APS105-06700	Rivet	5/16"	3/16"
APS177-00300	Pin	5/16"	5/32"
APS177-00400	Pin	5/16"	3/16"
APS177-01600	Pin	3/8"	3/16"



P/N APS105-00200



P/N APS177-00300

APS Brake Shims

Now offering Brake Shims for hundreds of aircraft, including Cessna, Piper, Beech, Grumman, Navion, and more!

NEW



P/N APS68-01600



P/N APS68-02800



P/N APS68-04100

See the following pages for eligibility

APS *BlackSteel*® Brake Discs, Linings, and Rivets

Brake Disc, Lining, and Rivet eligibility for aircraft with original wheel and brake assemblies

Note: Many wheel and brake assemblies have been changed. Verify the assembly part numbers on your aircraft to ensure proper selection.

Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Aer Res								
J-2	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Aerofab								
LA-250 (6-Place) Renegade	All	40-74B	30-51B	APS164-00700	APS66-10600	4	APS105-00200	N/A
LA-4	246 and up[2]	40-113X	30-75X	APS164-04000	APS66-10500	2	APS105-00200	N/A
		40-74 or 40-74B	30-51 or 30-51B	APS164-00700	APS66-10600	4	APS105-00200	N/A
		40-74A	30-51	APS164-04700	APS66-10600	4	APS105-00200	N/A
Aerospatiale/SOCATA								
100,110,125,150,180 Series 110ST Calopin		40-97D	30-63J	APS164-02601	APS66-10500	2	APS105-00200	N/A
160ST Gamement, 180T Gairien, 180GT Gailaard	All	40-97D	30-63J	APS164-02601	APS66-10500	2	APS105-00200	N/A
220,236 Series, 235G Guerrier, 235GT Gabrier, 235CA Gaucho, TB20, 21 Trinidad	All	40-84	30-41B	APS164-01900	APS66-10600	4	APS105-00200	N/A
TB30 Epsilon	All	40-90B	30-23B	APS164-02201	APS66-06500	2	APS177-00300	N/A
TB9 Tampico, TB10 Tobago, TB200	All	40-97E	30-63J	APS164-02601	APS66-10500	2	APS105-00200	N/A
Air Tractor								
AT-300,301,302	All	40-101	30-67X	APS164-03006	APS66-10800	4	APS105-00200	N/A
			30-89		APS66-10800	6	APS105-00200	N/A
AT-400	All	40-133	30-98C	APS164-05806	APS66-10800	12	APS105-00200	N/A
AT-400A	All	40-101	30-67X	APS164-03006	APS66-10800	4	APS105-00200	N/A
			30-89		APS66-10800	6	APS105-00200	N/A
AT-401,401A	All	40-234	30-184	APS164-05606	APS66-10800	8	APS105-00200	N/A
AT-402,501, 502,503,503A	All	40-133	30-98C	APS164-05806	APS66-10800	12	APS105-00200	N/A
AT-602	All	40-403	30-231	APS164-22202	APS66-06600	12	APS177-00300	APS68-01600
AT-802	All[2]	40-279	30-210	APS164-23001	APS66-13100	16	APS105-06700	N/A
		40-279A	30-210A	APS164-23002	APS66-13100	16	APS105-06700	N/A
Aircraft Designs								
Stallion		40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
American Champion								
7ACA	All[2]	40-28D	30-19A	APS164-00500	APS66-10600	2	APS105-00200	N/A
		40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
7ECA, 7GCAA, 7GCBC, 7KCAB	All	40-28D	30-19A	APS164-00500	APS66-10600	2	APS105-00200	N/A
8GCBC Scout	All	40-47	30-32B	APS164-01100	APS66-10600	4	APS105-00200	APS68-01100
8KCAB	All	40-28D	30-19A	APS164-00500	APS66-10600	2	APS105-00200	N/A
T-250 Aries		40-75G	30-52S	APS164-01501	APS66-10500	4	APS105-00200	N/A
Arctic Aircraft								
S1B2 Arctic Tern	001 thru 1021	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
	1022 and up	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
ASTA GAF (Nomad)								
N22B, N22S	All	40-75T	30-52Q	APS164-08300	APS66-10500	4	APS105-00200	N/A
N24A	All[2]	40-75T	30-52Q	APS164-08300	APS66-10500	4	APS105-00200	APS68-01100
		40-143	30-129	APS164-08200	APS66-06200	4	APS177-00300	APS68-01100
Avions Pierre Robin								
140, 160	All	40-97D	30-52T	APS164-03601	APS66-10500	4	APS105-00200	N/A
DR400 Series	All	40-97D	30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
HR100	All[2]	40-97D	30-63D or 30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
			30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
HR120	All	40-97D	30-63D or 30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
HR200	All[2]	40-97D	30-63D or 30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
HR200	All[2]	40-97D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
HR210	All	40-97D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
HR400 Series	All	40-97D	30-52T	N/A	APS66-10500	4	APS105-00200	N/A
R1000, R2000, R3000 Series	All	40-97D	30-63E	N/A	APS66-10500	2	APS105-00200	N/A
R2160	All	40-97A	30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A

Eligibility continued on next page

Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Ayres								
S2R-PZL600 Thrush	R35-001 and up	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-600 Thrush	1939 thru 2529R	40-129	30-94	APS164-05606	APS66-10800	8	APS105-00200	N/A
	2530R and up	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-711 Turbo Thrush	T11-001 and up	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-800 Thrush	5000R thru 5082R	40-129	30-94	APS164-05806	APS66-10800	8	APS105-00200	N/A
	5083R and up	40-133	30-98		APS66-10800	12	APS105-00200	N/A
S2RHG-T65 Turbo Thrush	All	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-R1340, S2R-R1820, S2R-R3S	All	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-T15 Turbo Thrush	All	40-133	30-98	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-T34 Turbo Thrush	6000 and up	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-T41 Turbo Thrush	T41-089 and 090	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
S2R-T65 Turbo Thrush	All	40-133	30-98D	APS164-05806	APS66-10800	12	APS105-00200	N/A
Beechcraft								
M19A, B19[1] A23, A23A, A23-19, A23-24, B23, C23[1] A24R, B24R, C24R[1]	MB-461 thru MB-865 All M-1095 thru M-1979 MC-22 thru MC-536	40-113C	30-75B or 30-79A	APS164-04300	APS66-10500	2	APS105-00200	N/A
33, A33	All	40-1	30-1	APS164-00900	APS66-11100	2	APS105-00200	N/A
B33[1]	CD-388 thru CD-639	40-37	30-24	APS164-00700	APS66-10600	4	APS105-00200	N/A
F33A[1]	CE-301 thru CE-634	40-83	30-54	APS164-02505	APS66-10500	4	APS105-00200	N/A
	CE635 thru CE-1071	40-83A	30-54C	APS164-02505	APS66-10500	4	APS105-00200	N/A
F33C[1]	CJ-125 thru CJ-155	40-83A	30-54C	APS164-02505	APS66-10500	4	APS105-00200	N/A
G33[1]	CD-1272 thru CD-1304	40-83	30-54	APS164-02504	APS66-10500	4	APS105-00200	N/A
V35B[1]	D-9862 thru D-10403	40-83	30-54A	APS164-02504	APS66-10500	4	APS105-00200	N/A
36, A36[1]	E-1 thru E-824	40-83	30-54	APS164-02505	APS66-10500	4	APS105-00200	N/A
A36[1]	E-825 thru E-3635	40-83A	30-54, 54A,or 54C	APS164-02505	APS66-10500	4	APS105-00200	N/A
A36TC, B36TC	EA-1 thru EA-695	40-83A or 40-83B	30-54A or 30-54C	APS164-02505	APS66-10500	4	APS105-00200	N/A
B55	All	40-128D	30-93B	APS164-06106	APS66-09700	6	APS177-00300	APS68-02700 APS68-01700
	TC-2092 thru TC-2180	40-128	30-93B	APS164-06106	APS66-04400	6	APS177-00300	
	TC-2181 thru TC-2456	40-98G	30-66G	APS164-02706	APS66-09700	4	APS177-00300	
C55, D55	All	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300	APS68-02700 APS68-01700
E55	All	40-128D	30-93C	APS164-06106	APS66-09700	6	APS177-00300	APS68-02700 APS68-01700
	TE-768 thru TE-1142	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300	
	TE-1143 thru TE-1201[2]	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300	
		40-98G	30-66G	APS164-09700	APS66-09700	4	APS177-00300	
56TC, A56TC	All	40-98	30-69A	APS164-02706	APS66-02200	4	APS177-00300	APS68-01700
58	All	40-128D	30-93C	APS164-06106	APS66-09700	6	APS177-00300	APS68-02700 APS68-01700
	TH-1 thru TH-972	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300	
	TH-973 thru TH-2124	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300	
		40-98G	30-66G	APS164-02706	APS66-09700	4	APS177-00300	
58P[1]	TJ-436 thru TJ-497	40-171	30-145	APS164-20806	APS66-09700	6	APS177-00300	APS68-02700
B60	All	40-171	30-145	APS164-20806	APS66-09700	6	APS177-00300	APS68-02700
76	All	40-83	30-54B	APS164-02504	APS66-10500	4	APS105-00200	N/A
1900C,D		40-273A	30-204	N/A	APS109-00201	70	N/A	N/A
Bellanca								
17-30A,17-31A,17-31ATC	All	40-75E	30-52M	APS164-01501	APS66-10500	4	APS105-00200	N/A
DW-1	All	40-101	30-89A	APS164-03006	APS66-10800	6	APS105-00200	N/A
Burkhart Grob								
G103, G103C Twin II Sailplane	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
G109 Series Power Glider	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Cessna								
120, 140, 140A	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
150A[1],B	15059119 - 15059700	40-12	30-9	APS164-00400	APS66-10600	2	APS105-00200	N/A
150C	All	40-57	30-40	APS164-00400	APS66-10600	2	APS105-00200	N/A
150D,E	All	40-79A	30-40	APS164-01600	APS66-10600	2	APS105-00200	N/A
150F,G	All	40-97	30-63	APS164-02601	APS66-10500	2	APS105-00200	N/A
150H,J,K	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
150L[1],M[1]	15072004 thru 15074850[2]	D-30063	C-30018	N/A	APS66-10900	2	APS105-00200	N/A
		40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	15074851 thru 15077403	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	15077380, 15077402, 15077404 thru 15079113[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D30291-6	C30018 or C30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A

Eligibility continued on next page

Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Cessna continued from previous page								
A150K	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
A150L[1], M[1]	A1500227 thru A1500429[2]	D-30063	C-30018	N/A	APS66-10900	2	APS105-00200	N/A
		40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	A1500430 thru A15000641	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
A150M[1]	A15000642 thru A1500717[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D30291-6	C30018 or C30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
F150F,G	All	40-97	30-63	APS164-02601	APS66-10500	2	APS105-00200	N/A
F150H,J	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
F150K,L,M[1]	F1500530 thru F15001332	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
F150M[1]	F15001333 thru F15001418[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D30291-6	C30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
FA150K,L	All	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
FRA150L	All	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
152	All[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D30063	C-30018	N/A	APS66-10900	2	APS105-00200	N/A
A152, F152	All	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
FA152	All[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	C-30018-5	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
		D-30600-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
		D-30580	C-30018-4	APS164-30195	APS66-10900	2	APS105-00200	N/A
		D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
172[1], 172A,B,C	17246421 thru 17249544	40-113	30-75	APS164-04000	APS66-10900	2	APS105-00200	N/A
172D,E,F,G,H,I,K	All	40-97A	30-56, 30-63, 30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
172L,M[1]	17259224 thru 17263458[2]	40-97A	30-56, 30-63,	APS164-02601	APS66-10500	2	APS105-00200	N/A
		D-30063	C-30018-2	N/A	APS66-10900	2	APS105-00200	N/A
		40-113	30-63A, 30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
172M[1],N,P,Q,R,S	17263459 and on	40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
172RG	All	D-30660-1	C-30018-6 C-30764-5	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
F172F,G,H	All	40-97A	30-56, 30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
F172K	All	40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
F172L	F17200805 thru F17200904	40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
F172M	F17200905 thru F17201514[2]	40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30260, D30580	C-30018-2	APS164-30195	APS66-10900	2	APS105-00200	N/A
F172N[1]	F17201515 thru F17201639	D-30600-1	C-30018-6	N/A	APS66-10900	2	APS105-00200	N/A
		40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
F172N[1],P	F17201640 thru F17202254	D-30660-1	C-30018-6 C30764-6	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
		40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200	N/A
F172RG	All	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
FR172J[1]	FR17200351 thru FR17200590	D-30260	C-30018-2	APS164-30195	APS66-10900	2	APS105-00200	N/A
FR172K[1]	FR17200591 thru FR17200620	D-30600-1	C-30018-6	N/A	APS66-10900	2	APS105-00200	N/A
	FR17200621 thru FR17200675	D-30660-1	C-30018-6 C30764-6	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
R172H[1]	R1720453 thru R1720603	D-30063	C-30018-2	N/A	APS66-10900	2	APS105-00200	N/A
175[1],A,B	17555876 thru 17557119	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
177A,B[1]	17701165 - 17701530	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
177B[1]	17701531 thru 17702123	40-113	30-45	APS164-04000	APS66-10500	2	APS105-00200	N/A
177B[1]	17702124 thru 17702313[2]	40-113	30-45	APS164-04000	APS66-10500	2	APS105-00200	N/A
(continued on next page)		D-30580	C-30018-4	APS164-30195	APS66-10900	2	APS105-00200	N/A

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Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Cessna continued from previous page								
177B[1] *(continued from previous page)*	17702314 thru 17702522[2]	40-113	30-45	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
	17702523 thru 17702672[2]	40-113	30-45	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
	17702673 thru 17702752[2]	40-113	30-45	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	N/A	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
177RG	177RG0001 thru 177RG0592	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	177RG0593 thru 177RG0787[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30580	C-30018-4	APS164-30195	APS66-10900	2	APS105-00200	N/A
	177RG0788 thru 177RG1051[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
	177RG1052 thru 177RG1266[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
	177RG1267 thru 177RG1366[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	N/A	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
F177RG	F177RG0001 thru F177RG0122[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	F177RG0123 thru F177RG0138[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30580	C-30018-4	APS164-30195	APS66-10900	2	APS105-00200	N/A
	F177RG0139 thru F177RG0160[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
	F177RG0161 thru F177RG0177[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30660-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
180G	All	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
180H[1]	18051775 thru 18051993	40-66	30-21	APS164-00700	APS66-10600	4	APS105-00200	N/A
	18052011 thru 18052284	40-75D	30-52D, 30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
180J[1]	18052285 thru 18052500[2]	D-30063-1	C-30018-1	N/A	APS66-10900	2	APS105-00200	N/A
		D30291-3	C30118-4	APS164-30414	APS66-10900	2	APS105-00200	N/A
		40-75B	30-52D	APS164-01501	APS66-10500	2	APS105-00200	N/A
		40-75D	30-52N	APS164-03601	APS66-10500	2	APS105-00200	N/A
180J[1],K[1]	18052501 thru 18052924[2]	40-75B	30-52D	APS164-01501	APS66-10500	2	APS105-00200	N/A
		40-75D	30-52N	APS164-03601	APS66-10500	2	APS105-00200	N/A
		D30291-3	C30118-4	APS164-30414	APS66-10900	2	APS105-00200	N/A
180K[1]	18052925 thru 18053203[2]	40-75B	30-52D	APS164-01501	APS66-10500	2	APS105-00200	N/A
		40-75D	30-52N	APS164-03601	APS66-10500	2	APS105-00200	N/A
		D30660-2	C30118-5	APS164-30615-2	APS66-10900	2	APS105-00200	N/A
182B[1],C,D,E,F,G, H,J,K,L,M,N[1]	18251886 thru 18260445	40-97A	30-63A, 30-56A	APS164-02601	APS66-10500	2	APS105-00200	N/A
182N[1]	18260446 thru 18260825	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
182P[1]	18260826 thru 18264295	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
	18264296 thru 18265175[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
182Q[1]	18265176 thru 18265328[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30600-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
	18265329 thru 18265965[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30600-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
		D30660-1	C-30018-5	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
	18265966 thru 18267715[2]	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
		D-30600-1	C-30018-5	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
182R[1]	18267716 thru 18268541	D30660-3	D30118-4	APS164-30615-3	APS66-10900	2	APS105-00200	N/A
182S,T, T182T	All	40-75B	30-52E	APS164-01501	APS66-10500	4	APS105-00200	N/A
F182P	All	D-30291-6	C-30018-4	APS164-30440	APS66-10900	2	APS105-00200	N/A
F182Q[1]	F18200026 thru F18200064	D-30600-1	C-30018-5	N/A	APS66-10900	2	APS105-00200	N/A
F182Q[1]	F18200065 thru F18200169	D-30660-1	C-30018-5	APS164-30615-4	APS66-10900	2	APS105-00200	N/A
FR182, R182, TR182, T182	All	D-30660-3	D-30118-3	APS164-30615-3	APS66-10900	4	APS105-00200	N/A
185, 185A	All	40-32	30-21	APS164-00700	APS66-10600	4	APS105-00200	N/A
185B	All	40-66	30-21	APS164-00700	APS66-10600	4	APS105-00200	N/A

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Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Cessna continued from previous page								
185C,D,E	185-0654 thru 185-1149	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
A185E[1]	185-1150 thru 185-02090[2]	40-66	30-21	APS164-00700	APS66-10600	4	APS105-00200	N/A
		40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-75D	30-52D	APS164-03601	APS66-10500	4	APS105-00200	N/A
A185F	All[2]	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-75D	30-52D	APS164-03601	APS66-10500	4	APS105-00200	N/A
		D-30291-3	D-30118-5	APS164-30414	APS66-10900	4	APS105-00200	N/A
		D-30291-1	D-30118-5	APS164-30388	APS66-10900	4	APS105-00200	N/A
		D-30660-2	D-30118-5	APS164-30615-2	APS66-10900	4	APS105-00200	N/A
188, 188A, 188B, A188, A188A	188-0001 thru 18801040[2]	40-75B	30-52B	APS164-01501	APS66-10500	4	APS105-00200	APS68-01700
		40-101A	30-67	APS164-03106	APS66-10800	4	APS105-00200	
A188B[1], T188C	18801041 thru 18803521[2], 18801041T thru T18803521T[2]	40-101	30-67A	APS164-03006	APS66-10800	4	APS105-00200	APS68-01700
		40-101A	30-67A	APS164-03106	APS66-10800	4	APS105-00200	
		40-98A	30-66A	APS164-02707	APS66-11000	4	APS105-00200	
210-5 (205)	All	40-67	30-35	APS164-00700	APS66-10600	4	APS105-00200	N/A
210-5A (205A)	All	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	APS68-01100
206,U206,A,B,C,D[1]	206-0001 thru U206-1256	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
U206D[1],E	U2061257 thru U20601700[2]	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
U206F[1]	U20601701 thru U20602199[2]	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
		D-30291-1	D-30118-6	APS164-30388	APS66-10900	4	APS105-00200	N/A
U206F,G	U20602200 thru U20604649[2]	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
		D-30291-1	D-30118-6	APS164-30388	APS66-10900	4	APS105-00200	N/A
		D-30660-2	D-30118-6	APS164-30615-2	APS66-10900	4	APS105-00200	N/A
	U20604650 thru U20607020[2]	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
		D-30660-2	D-30118-6	APS164-30615-2	APS66-10900	4	APS105-00200	N/A
		D-30660-3	D-30118-4	APS164-30615-3	APS66-10900	4	APS105-00200	N/A
206H,T206H	All	40-75B	30-52U	APS164-01501	APS66-10500	4	APS105-00200	N/A
P206, P206A,B,C,D[1]	P206-0001 thru P206-0566	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
P206D,E[1]	P206-0557 thru P20600647	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
207, 207A, T207, T207A	All[2]	40-75B	30-52F	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-75D	30-52A	APS164-03601	APS66-10500	4	APS105-00200	N/A
208, 208A,B[7]	All	40-179	30-163 or 30-182	APS164-22201 [8]	APS66-03300 [3] APS66-15300 [6]	8	APS177-00300	APS68-02800 [1]
210C	21058086 thru 21058220	40-21	30-45	APS164-00900	APS66-11100	2	APS105-00200	N/A
210D,E,F,G,H,J,K,L[1]	21058221 thru 21060089[2]	40-75B	30-52 or 30-52V	APS164-01501	APS66-10500	4	APS105-00200	N/A
		D-30291-2	D-30118-4	APS164-30398	APS66-10900	4	APS105-00200	N/A
210L[1],M,N,R	21060090 thru 21065009[2]	40-75B	30-52 or 30-52V	APS164-01501	APS66-10500	4	APS105-00200	N/A
		D-30291-2	D-30118-4	APS164-30398	APS66-10900	4	APS105-00200	N/A
		D-30660-3	D-30118-4	APS164-30615-3	APS66-10900	4	APS105-00200	N/A
P210N,R	All[2]	40-75B	30-52V	APS164-01501	APS66-10500	4	APS105-00200	APS68-01100
		40-142	30-127C	APS164-07800	APS66-06200	4	APS177-00300	
T210F,G,H,J	All	40-75 or 40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
303, T303	All[2]	40-142	30-127C	APS164-07800	APS66-06200	4	APS177-00300	APS68-01100
		40-98H	30-66F	APS164-08406	APS66-04400	4	APS177-00300	APS68-01700
305	All[2]	40-75F	30-52L	APS164-01501	APS66-10500	4	APS105-00200	N/A
		40-97E	30-63K	APS164-02601	APS66-10500	2	APS105-00200	N/A
310R[1]	310R0501 thru 310R2140[2]	40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	APS68-01600
		40-40D	30-28B	APS164-20206	APS66-03300	6	APS177-00400	
335	All	40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	APS68-01600
336	3360001 thru 3360098	40-67	30-35	APS164-00700	APS66-10600	4	APS105-00200	APS68-01100
	3360099 and up	40-75B	30-52	APS164-01501	APS66-10600	4	APS105-00200	
337, 337A	All	40-96A	30-61	APS164-02504	APS66-10500	4	APS105-00200	N/A
337B[1],C,D	3370526 thru 337-0619	40-96A	31-61A	APS164-02504	66-03600 [3]	4	APS105-00200	APS68-01100
	3370526 thru 3371193	40-96A	31-61D	APS164-02504	APS66-10500	4	APS105-00200	
337E	All	40-98A	30-69B	APS164-02707	APS66-02200	4	APS177-00300	APS68-01700
340, 340A[1]	340-0001 thru 340A1200	40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	APS68-01600 APS68-03100

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Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Cessna continued from previous page								
340A[1]	340A1201 thru 340A1817	40-40D	30-28B	APS164-20206	APS66-03300	6	APS177-00400	APS68-01600
401 Series	All	40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	APS68-03100
402,A,B[1]	4020001 thru 402C0400	40-135	30-100	APS164-06406	APS66-06600	8	APS177-01600	APS68-03100
402B,C[1]	402C0401 thru 402C1020[2]	40-135	30-100	APS164-06406	APS66-06600	8	APS177-01600	APS68-03100
		40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600	
404	All	40-132	30-97	APS164-09100	APS66-06400	8	APS177-01600	APS68-02900
411, 411A[1]	All[2]	40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	APS68-01600 APS68-03100
414	All	McCauley	N/A	N/A	APS66-06600	6	APS177-01600	APS68-01600
414A[1]	414A0001 thru 414A0600[2]	40-135	30-100	APS164-06406	APS66-06600	8	APS177-01600	APS68-03100
		40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	
	414A0601 thru 414A1212[2]	40-135	30-100	APS164-06406	APS66-06600	8	APS177-01600	
		40-40A	30-28B	APS164-00806	APS66-03300	6	APS177-00400	
		40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600	
421C[1]	421C0001 thru 421C0910	40-135	30-100	APS164-06406	APS66-06600	8	APS177-01600	APS68-03100
	421C1001 thru 421C1807	40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600	
425	All	40-138 or 40-138A	30-113 or 30-113A	APS164-05500	APS66-06400	8	APS177-01600	APS68-02900
500, 501, 550		40-239	30-189A	N/A	APS109-00100	56	N/A	N/A
S550		40-202	30-161A	N/A	APS109-00100	56	N/A	N/A
Cirrus Design Group								
SR-20	1601 and up	40-75P	30-52AB	APS164-01501	APS66-10500	4	APS105-00200	N/A
SR-22	1740 and up	40-406	30-233B	APS164-02504	APS66-06200	4	APS177-00300	APS68-01100
Daimler Benz/ M.B.B.								
B.O. 209 Monsun	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Diamond Aircraft								
DA20	All	40-78E	30-9D	APS164-24200	APS66-10600	2	APS105-00200	N/A
DA40	All	40-14A	30-239	APS164-24400	APS66-14100	2	APS105-00200	N/A
DA42 Twin Star	All	40-75Z	30-52Z	APS164-01501	APS66-10500	4	APS105-00200	N/A
DA62		40-406C	30-233E, 30-233E-RH	APS164-25700	APS66-15500	4	APS177-09300	APS68-01100
Eagle Aircraft								
220, 300 Eagle	All	40-101	30-89A	APS164-03006	APS66-10800	6	APS105-00200	N/A
Explorer Aeronautique								
Private Explorer Float	All	40-101	30-67B	APS164-03006	APS66-10800	4	APS105-00200	N/A
FFA Flugzeugwerke								
AS202-18A4 Bravo	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
Found Brothers								
100 Centennial	All	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200	N/A
GAF Australia								
N22B, N22S	All	40-75T	30-52Q	APS164-08300	APS66-10500	4	APS105-00200	N/A
N24A	All[2]	40-75T	30-52Q	APS164-08300	APS66-10500	4	APS105-00200	APS68-01100
		40-143	30-129	164-08200 [4]	APS66-06200	4	APS177-00300	
General Aviation (Italy)								
F.20 Pegaso,F.20TP condor	All	40-75G	30-52P	APS164-01501	APS66-10500	4	APS105-00200	N/A
F.22 Pinguino	All	40-151	30-164	APS164-08500	APS66-06200	2	APS177-00300	N/A
Great Lakes								
2T-1A	All	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200	N/A
Grob								
G103, G103C	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
G109, G109B	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Grumman								
AA-1, AA-5	All	40-86A	30-55B	APS164-02000	APS66-10500	2	APS105-00200	N/A
AA-1A, AA-1B, AA-5A, AA-5B	All	40-88C	30-56B	APS164-02000	APS66-10500	2	APS105-00200	N/A
700	All	40-128C	30-93A	APS164-05006	APS66-02200	6	APS177-00300	N/A
450, 600	All	40-101	30-67	APS164-03006	APS66-10800	4	APS105-00200	N/A
G164	All	40-47	30-32C	APS164-01100	APS66-10600	4	APS105-00200	APS68-01100
G164A	All	40-101	30-67	APS164-03006	APS66-10800	4	APS105-00200	N/A
G164B, G164C, G164D	All	40-133	30-84	APS164-05806	APS66-10800	8	APS105-00200	N/A
GA-7	All	40-90	30-23B	APS164-02201	APS66-06500	2	APS177-00300	APS68-02800
Helio								
H-250, H-295, H-391, H-395	All[2]	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200	APS68-01700 [1]
		40-75E	30-52A	APS164-01501	APS66-10500	4	APS105-00200	
		40-75T	30-52N	APS164-08300	APS66-10500	4	APS105-00200	
		40-98A	30-66A	APS164-02707	APS66-10500	4	APS105-00200	

Eligibility continued on next page

Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel		Rivet or Pin P/N	Brake Shim
					P/N	Qty		
Hunting Firecracker Aircraft								
NDN1T Turbo Firecracker	All	40-120C	30-83A	N/A	APS66-06200	4	APS177-00300	N/A
Industria Unidas SA								
A-9B Sparrow, Quail	All	40-99	30-41	APS164-02800	APS66-10600	4	APS105-00200	N/A
Marsh Aviation								
G-164C-T Turbo Cat	All	40-133	30-84	APS164-05806	APS66-10800	8	APS105-00200	N/A
S2R-T Turbo Thrush	All[2]	40-129 or 40-133	30-94	APS164-05606	APS66-10800	8	APS105-00200	N/A
Maule Air								
M4, M5, M6 Series	All	40-97D	30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
M7, M9 Series	All	40-75D	30-52A or 30-52N	APS164-03601	APS66-10500	4	APS105-00200	N/A
Mcculloch								
J-2 Helicopter	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Mooney								
M10 Cadet	All[2]	40-97 or 40-97A	30-63 or 30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
M20A,B[1]	1401 thru 3466	40-24	30-5	APS164-00900	APS66-11100	N/A	APS105-00200	N/A
M20C[1]	670001 thru 690098	40-86	30-56A	APS164-02000	APS66-10500	2	APS105-00200	N/A
M20D	All	40-24	30-5	APS164-00900	APS66-11100	N/A	APS105-00200	N/A
M20E[1]	101 thru 1308	40-24	30-5	APS164-00900	APS66-11100	N/A	APS105-00200	N/A
	670001 thru 700061	40-86	30-56A	APS164-02000	APS66-10500	2	APS105-00200	N/A
M20F[1]	660003 thru 700072	40-86	30-56A	APS164-02000	APS66-10500	2	APS105-00200	N/A
M20G,J,K	All	40-86	30-56A	APS164-02000	APS66-10500	2	APS105-00200	N/A
M20M	All	40-92A	30-65	APS164-02300	APS66-10500	4	APS105-00200	N/A
NDN Aircraft								
NDN6 Fieldmaster	All	40-175	30-149	164-21100 [4]	APS66-06600	12	APS177-01600	N/A
Pacific Aerospace								
FU24-954; FU24A-954	240, 247 and up	40-47	30-32C	APS164-01100	APS66-10600	4	APS105-00200	N/A
08-600 Cresco	All	40-101	30-89	APS164-03006	APS66-10800	6	APS105-00200	N/A
Partenavia								
P.64B, P.66B	All	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
P.66C-160, P.66T	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
P.68, P.68B, P.68C, P.68C-TC	All	40-142	30-127	APS164-07800	APS66-06200	4	APS177-00300	APS68-02800
Partenavia								
Series 300	All	40-163	30-139	APS164-20500	APS66-06200	8	APS177-00300	N/A
Performance Aircraft								
Legend	All	40-96E	30-61E	APS164-02504	APS66-10500	4	APS105-00200	N/A
Pilatus Britten-Norman								
BN-2 Series	All[2]	40-90F	30-23D	APS164-01506	APS66-06500	2	APS177-00300	APS68-01100
		40-90	30-23A	APS164-02201	APS66-06500	2	APS177-00300	
		40-90B	30-23C	APS164-02201	APS66-06500	2	APS177-00300	
		40-98F	30-66D	APS164-02706	APS66-02200	4	APS177-00300	
Defender 4000	All	40-128E	30-93E	164-23300 [4]	APS66-04400	6	APS177-00300	N/A
Piper								
J-3, PA-11, PA-12, PA-14, PA-16	All	40-60	30-60	APS164-06700	APS66-10600	4	APS105-00200	N/A
PA-18	All[2]	40-60	30-60	APS164-06700	APS66-10600	4	APS105-00200	N/A
		40-84	30-41	APS164-01900	APS66-10600	4	APS105-00200	N/A
PA-18-150, PA-18A-150	All	40-60	30-60	APS164-06700	APS66-10600	4	APS105-00200	N/A
PA-20	All[2]	40-60	30-60	APS164-06700	APS66-10600	4	APS105-00200	N/A
		40-84	30-41	APS164-01900	APS66-10600	4	APS105-00200	N/A
PA-22	All	40-84	30-41	APS164-01900	APS66-10600	4	APS105-00200	N/A
PA-22-108	All	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
PA-23-150, 160	All	40-3	30-13	159-00200 [4]	APS66-10600	4	APS105-00200	APS68-01100 [1]
PA-23-235	All	40-4	30-8	APS164-00206	APS66-10600	8	APS105-00200	APS68-01100
PA-E23-250[1]	27-3738 thru 27-7554 and 27-7554139	40-116	30-72	APS164-03206	APS66-06500	4	APS177-00300	APS68-01100
	27-7554141 thru 27-7554149, and 27-7554138	40-116 or 40-131	30-96	APS164-05700	APS66-06200	8	APS177-00300	
PA-24-180,250,260[1]	24-1 thru 24-3306	40-5	30-12	159-00100 [4]	APS66-10600	4	APS105-00200	N/A
	24-3307 and on[2]	40-58	30-41	APS164-00900	APS66-10600	4	APS105-00200	N/A
		40-84	30-41B	APS164-01900	APS66-10600	4	APS105-00200	N/A
PA-25, PA-25-235	25-1 thru 25-1999	40-5	30-12	159-00100 [4]	APS66-10600	4	APS105-00200	N/A
	25-2000 thru 25-4171	40-61	30-41	APS164-01300	APS66-10600	4	APS105-00200	N/A
	25-4172 and on	40-84A	30-41B	APS164-03300	APS66-10600	4	APS105-00200	N/A

Eligibility continued on next page

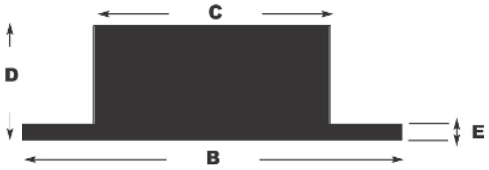
Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Piper continued from previous page								
PA-28-140	28-20002 thru 28-20520	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
	28-20521 thru 28-7725290	40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-150	28-1 thru 28-1760	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
PA-28-151	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-160	28-1761 thru 28-4377	40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-161	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-180 [1]	28-1 thru 28-1760	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
	28-1761 thru 28-5869	40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
	28-7105001 thru 28-7505260	40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28R-180	All [2]	40-84	30-41	APS164-01900	APS66-10600	4	APS105-00200	N/A
		40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-181	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28R-200 [1]	28R-35001 thru 28R-7135109	40-84	30-41	APS164-01900	APS66-10600	4	APS105-00200	N/A
	28R-7135110 thru 28R-7635545	40-86 or 40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-201T, PA-28R-201	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28R-201T,PA-28RT-201	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-235	28-7410001 thru 28-7710089	40-86	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
PA-28-236	All [2]	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
		40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	N/A
PA-30	30-2 - 30-845	40-34	30-23	APS164-01000	APS66-06500 [5]	2	APS177-00300	APS68-01100
	30-846 thru 30-2000	40-90	30-23	APS164-02201	APS66-06200 [5]	2		
PA-31-300,310 [1]	31-5 thru 31-7300962	40-102	30-68	APS164-03506	APS66-03300	6	APS177-00400	APS68-01600 [1] APS68-03300 [1] APS68-03000
PA-31-325	All	40-102A	30-68A	APS164-04406	APS66-03300	6	APS177-00400	APS68-01600 APS68-03000 APS68-03300
PA-31-350 [1]	31-5001 thru 31-8452021	40-102A	30-68A	APS164-04406	APS66-03300	6	APS177-00400	APS68-01600 APS68-02800 APS68-03000 APS68-03100 APS68-03300
		40-130	30-95A	APS164-07906	APS66-06600	8	APS177-01600	
PA-31-350 [1] (T-1020)	Heavy Duty Option	40-141	30-123	APS164-07700	APS66-06800	12	APS177-01600	APS68-01600 APS68-02800 APS68-03000 APS68-03100 APS68-03300
	31-8253001 thru 31-8453021	40-130	30-95A	APS164-07906	APS66-06600	8	APS177-01600	
PA-31T1	All	40-106	30-106	APS164-03906	APS66-06800	16	APS177-01600	APS68-03100
PA-31T2,3 (T-1020)	All	40-106	30-106	APS164-03906	APS66-06800	16	APS177-01600	APS68-03900
PA-32-260	Heavy Duty Option	40-120	30-63	AOS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	32-1 thru 32-7300076	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
	32-7400001 thru 32-7800008 [2]	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
		40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-32-300	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	32-40000 thru 32-7440000	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
	32-7440001 thru 32-7940290 [2]	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
		40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-32R-300,PA-32RT-300	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	All	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-32RT-300T	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	32R-7887002 thru 32R-7987126	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-32-301, PA-32-301T	Heavy Duty Option	40-120C	30-83A	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	All	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-34-200	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	34-7250001 thru 34-7350353	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
	34-7450001 thru 34-7450220 [2]	40-90	30-65	APS164-02201	APS66-10500	4	APS105-00200	
		40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-34-200T	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	All	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-34-220T	Heavy Duty Option	40-120	30-83A	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	All	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	

Eligibility continued on next page

Aircraft Model	Serial Number	Wheel Assy P/N	Brake Assy P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N	Brake Shim
Piper continued from previous page								
PA-36-285, PA-36-300, PA-36-375	All	40-101	30-67B	APS164-03006	APS66-10800	4	APS105-00200	N/A
PA-38-112	All [2]	40-78B	30-9B	APS164-01700	APS66-10600	2	APS105-00200	N/A
		40-59D	30-53A	APS164-06900	APS66-11200	2	APS105-00200	N/A
PA-39	All	40-90	30-23	APS164-02201	APS66-06500 [3] APS66-06200 [3]	2 2	APS177-00300	APS68-01100
PA-44-180	Heavy Duty Option	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
	All	40-90A	30-65	APS164-02300	APS66-10500	4	APS105-00200	
PA-44-180T	All	40-120	30-83	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
PA-46-310P, 350P	All	40-120C	30-83A	APS164-21600	APS66-06200	4	APS177-00300	APS68-01100
PA-60-600,601,601P,700P	All	40-124	30-88	APS164-05006	APS66-02200	8	APS177-00300	APS68-01700
Pitts								
A-1	All	40-60	30-60	APS164-06700	APS66-10600	4	APS105-00200	N/A
S-1S,2	All	40-79B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Quest Aircraft Design								
Kodiak 100	All	40-179	30-182	APS164-22201	APS66-03300 [6] APS66-15300 [6]	8	APS177-00300	APS68-02800
Revo Inc (formerly Lake)								
LA-4 series, LA-4-200	All	N/A	N/A	APS164-A1634B	N/A		N/A	N/A
Rockwell (Commander)								
112,112A	All	40-113A	30-79	APS164-04300	APS66-10500	2	APS105-00200	N/A
112B,112TC, 112TCA,114, 114A,B	All	40-75H	30-52H	APS164-01501	APS66-10500	4	APS105-00200	N/A
SAAB-Scania								
MF1-15, MF1-17	All	40-97D	30-63D	APS164-02601	APS66-10500	2	APS105-00200	N/A
Sadler Aircraft								
A-22 Lasa, 18-1000PV	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Schleicher								
ASW21, 20, 22, 23 Sailplane	All	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200	N/A
Shaefer Aircraft Mods								
PA-31-350 Comanchero 500	All	40-195	30-158	APS164-21900	APS66-06800	12	APS177-01600	N/A
PA-31T Comanchero 750	All	40-106	30-106	APS164-03906	APS66-06800	16	APS177-01600	N/A
SIAI Marchetti								
SF.205	All	40-97E	30-63M	APS164-02601	APS66-10500	2	APS105-00200	N/A
SF.260, SF.260C	All	40-3	30-13	159-00200 [4]	APS66-10500	4	APS105-00200	N/A
SF.260SW	All	40-90A	30-65A	APS164-02300	APS66-10500	4	APS105-00200	N/A
Slingsby Aviation								
T67M	All	40-86B	30-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
Stinson								
108, 108-1,2,3,5	108-1 and up	40-28	30-18	APS164-00500	APS66-10600	2	APS105-00200	N/A
Stol Aircraft								
UC-1	All	40-74	30-51A	APS164-00700	APS66-10600	4	APS105-00200	N/A
Taylorcraft								
F-19, F-21, F-21A ,F-22	All	40-86	32-55	APS164-02000	APS66-10500	2	APS105-00200	N/A
Univair								
A-2, A-2A	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
Varga								
2150A, 2180	VAC-50 and up	40-97E	30-63E	APS164-02601	APS66-10500	2	APS105-00200	N/A
Waco								
Meteor, Minerva, Vela	All	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200	N/A
Weatherly Aviation								
201A, 201B, 201C	All	40-101	30-67D	APS164-03006	APS66-10800	4	APS105-00200	N/A
620, 620TP	1501 thru 1519	40-101	30-67D	APS164-03006	APS66-10800	4	APS105-00200	N/A
620A	1520 thru 1584	40-101	30-67D	APS164-03006	APS66-10800	4	APS105-00200	N/A
		40-101	30-89B	APS164-03006	APS66-10800	6	APS105-00200	N/A
620B	1550 and up	40-101	N/A	APS164-03006	APS66-10800	4	APS105-00200	N/A
	1520 and up	40-101 or 40-101E	N/A	APS164-03006	APS66-10800	6	APS105-00200	N/A
620TP	1520 thru 1584	40-101	N/A	APS164-03006	APS66-10800	6	APS105-00200	N/A
Wing Aircraft								
D-1	2 and up	40-84	N/A	APS164-01900	APS66-10600	4	APS105-00200	N/A

[1] Partial model eligibility
[2] Must verify wheel or brake assembly P/N
[3] OEM lining must be used
[4] OEM disc must be used
[5] Use P/N APS66-06200 on the back plate and P/N APS66-06500 on the pressure plate.
[6] If 30-182A calipers installed, use APS66-15300 linings. If 30-182 calipers installed, use either APS66-03300 or APS66-15300 linings in complete sets.
Caution: Never mix APS66-03300 linings on the same caliper as the APS66-15300's. APS66-15300 linings are .035" thicker than the APS66-03300's.
[7] Complete Brake Kit P/N 208-BRK-KT-1 contains: brake discs, brake linings, pins, bleeder seat, bleeder needle, needle cap, and O-ring.

APS *BlackSteel*® Brake Disc Dimensions



Brake Disc Part Number	B OD Wear	C OD Base	D Overall Height	E Thickness Wear Surface	F Number Bolt Holes	OEM Brake Mfg
APS164-00206	7.31	5.52	1.50	0.683	3 (1/4”)	Cleveland
APS164-00300	7.50	5.49	2.16	0.231	3 (5/16”)	Cleveland
APS164-00400	6.36	4.51	1.71	0.191	3 (1/4”)	Cleveland
APS164-00500	7.30	5.52	1.97	0.182	3 (1/4”)	Cleveland
APS164-00700	7.30	5.53	2.25	0.372	3 (1/4”)	Cleveland
APS164-00806	11.63	9.52	2.42	0.361	9 (1/4”)	Cleveland
APS164-00900	7.30	5.52	2.03	0.253	3 (1/4”)	Cleveland
APS164-01000	7.50	5.53	2.10	0.370	6 (1/4”)	Cleveland
APS164-01100	7.50	5.53	2.17	0.373	6 (5/16”)	Cleveland
APS164-01300	7.31	5.53	2.29	0.256	3 (1/4”)	Cleveland
APS164-01406	11.63	9.34	2.32	0.362	9 (1/4”)	Cleveland
APS164-01501	7.49	5.49	2.34	0.368	3 (5/16”)	Cleveland
APS164-01506	7.50	5.48	2.37	0.374	3 (5/16”)	Cleveland
APS164-01600	7.31	5.48	2.18	0.184	3 (5/16”)	Cleveland
APS164-01700	6.36	4.47	2.06	0.183	3 (1/4”)	Cleveland
APS164-01900	7.30	5.49	2.09	0.254	3 (5/16”)	Cleveland
APS164-02000	7.49	5.49	2.16	0.228	3 (5/16”)	Cleveland
APS164-02201	7.49	5.49	2.25	0.372	3 (5/16”)	Cleveland
APS164-02300	7.49	5.49	2.25	0.372	3 (5/16”)	Cleveland
APS164-02504	7.49	5.49	2.36	0.478	3 (5/16”)	Cleveland
APS164-02505	7.49	5.60	2.47	0.480	3 (5/16”)	Cleveland
APS164-02601	7.59	5.50	2.22	0.230	3 (5/16”)	Cleveland
APS164-02706	9.62	7.37	2.42	0.366	6 (5/16”)	Cleveland
APS164-02707	9.62	7.35	2.53	0.380	6 (21/64”)	Cleveland
APS164-02800	7.31	5.53	2.03	0.260	6 (1/4”)	Cleveland
APS164-03006	11.62	9.35	2.49	0.304	9 (1/4”)	Cleveland
APS164-03106	11.63	9.35	2.50	0.190	9 (1/4”)	Cleveland
APS164-03206	7.50	5.20	1.50	0.690	3 (1/4”)	Cleveland
APS164-03300	7.313	5.50	2.38	0.257	3 (5/16”)	Cleveland
APS164-03506	11.63	9.34	4.22	0.290	9 (1/4”)	Cleveland
APS164-03601	7.49	5.49	2.62	0.368	3 (5/16”)	Cleveland
APS164-03906	11.81	9.34	2.46	0.645	9 (5/16”)	Cleveland
APS164-04000	7.49	5.49	2.18	0.228	3 (1/4”)	Cleveland
APS164-04406	11.63	9.36	2.43	0.380	9 (9/32”)	Cleveland
APS164-05500	11.853	9.35	2.41	0.525	9 (21/64)	Cleveland
APS164-05806	11.62	9.35	2.72	0.429	9 (5/16”)	Cleveland
APS164-06106	9.62	7.49	2.65	0.515	6 (3/8”)	Cleveland
APS164-06700	7.35	5.48	2.38	0.253	6 (1/4")	Cleveland
APS164-07200	11.81	8.28	2.66	0.533	8 (23/64")	Cleveland
APS164-07700	11.90	9.35	2.41	0.520	9 (5/16”)	Cleveland
APS164-07800	7.50	5.50	2.36	0.484	6 (21/64”)	Cleveland
APS164-07906	11.63	9.36	2.58	0.500	9 (1/4”)	Cleveland
APS164-08300	7.49	5.49	2.62	0.371	6 (5/16”)	Cleveland
APS164-08500	6.38	4.48	2.23	0.371	3 (1/4”)	Cleveland
APS164-09100	11.85	9.35	2.53	0.535	9 (21/64”)	Cleveland
APS164-20306	11.63	9.34	2.50	0.504	9 (5/16”)	Cleveland
APS164-21600	7.50	5.48	2.24	0.431	6 (5/16”)	Cleveland
APS164-22000	11.85	8.00	2.55	0.417	6 (3/8”)	Cleveland
APS164-22202	11.62	9.34	2.78	0.567	9 (21/64”)	Cleveland
APS164-22400	13.90	10.02	3.50	0.430	9 (3/8”)	Cleveland
APS164-24200	6.38	4.50	2.16	0.190	3 (1/4”)	Cleveland
APS164-24400	7.53	5.48	2.26	0.320	3 (5/16”)	Cleveland
APS164-24500	7.50	5.50	2.44	0.371	6 (5/16”)	Cleveland
APS164-30007	7.49	5.49	1.97	0.221	6 (1/4”)	McCauley
APS164-30195	7.50	5.49	2.07	0.225	6 (5/16”)	McCauley
APS164-30388	7.50	5.49	2.34	0.355	6 (5/16”)	McCauley
APS164-30398	7.50	5.49	2.10	0.355	6 (5/16”)	McCauley
APS164-30414	7.50	5.49	2.16	0.355	6 (5/16”)	McCauley
APS164-30440	7.50	5.49	1.97	0.215	6 (5/16”)	McCauley
APS164-30615-2	7.50	5.50	1.52	0.215	3 (5/16”)	McCauley
APS164-30615-3	7.50	5.50	1.89	0.355	3 (5/16”)	McCauley
APS164-30615-4	7.50	5.50	1.66	0.355	3 (5/16”)	McCauley

This is not a complete list of all brake discs offered. Please visit www.mcfarlaneaviation.com for additional dimensions.

APS Brake Discs, Linings, and Rivets for Aircraft with Cleveland Conversion Kits Installed

(Includes Experimental Aircraft)

Aircraft Model	Cleveland Kit P/N	Wheel P/N	Brake P/N	Brake Disc P/N	Lining Per Wheel		Rivet or Pin P/N
					P/N	Qty	
Aero Commander							
100 - 180 Lark	199-188	40-86A	30-56F	APS164-02000	APS66-10500	2	APS105-00200
American Homebuilts							
STOL	199-105C	40-113X	30-75X	APS164-04000	APS66-10500	2	APS105-00200
Ayres							
S-2R Thrush	199-68A	40-33	30-98A	APS164-05806	APS66-10800	12	APS105-00200
Beechcraft							
A23-19,19A,M19A, B19, 23,A23,A23A,B23,C23,A23-24,A24R	199-125	40-113C	30-75B	APS164-04300	APS66-10500	2	APS105-00200
D18C,S; E18S,E18S-9700, G18S,H18,C45G,	199-127	40-170	30-144B	APS164-20900		8	APS177-01600
TC-45G, RC-45J, TC-45H, 45J, UC-45J, JRB-6	199-141	40-21101	30-170	APS164-22400	APS66-10000	8	APS177-01600
35,A35,B35,C35,D35,E35,F35,G35,35R, 35-33, 35-A33,B33, C33, C33A,E33A,F33,F33A,C,G33, H35,J35, K35,M35,N35,P35,S35,V35, V35A,B, A36	199-49	40-83	30-54	APS164-02504	APS66-10500	4	APS105-00200
35,A35,B35,C35,D35,E35,F35,G35,35R,H35, J35,K35,M35, N35, P35,S35,45 (Ty-34), A45 (T34A), B45,D45 (T-34B),D55,D55A,E55, E55A,95,B95A, D95A, E95, 95-55, A55,B55,B55A,B55B,C55,C55A	199-50	40-98	30-66	APS164-02706	APS66-04400	4	APS177-00300
50,B50,C50,D50,D50A,B,C,E,E50,F50,G50,H50,J50	199-88	40-134A	30-99	APS164-06306	APS66-06600	8	APS177-00300
D55,D55A,E55,E55A,58,58A, 95, B95,B95A,D95A,E95, 95-55, A55, B55,B55A,B55B,C55,C55A	199-38	40-128D	30-93C	APS164-06106	APS66-09700	6	APS177-00300
58P,58TC,60,A60,B60	199-73	40-128	30-93	APS164-06106	APS66-04400	6	APS177-00300
65,A65,70,65-80,A80,B80,88	199-123	40-170B	30-144A	APS164-22900		8	APS177-01600
A90,B90,C90,90A,E90,H90,65-A90-1,2,3,4	199-90	40-170A	30-144	APS164-20900		8	APS177-01600
F90,99,99A,A99A,B99,C99,100,A100,B100,200,200C, CT,T, A200,A200C,CT, B200,B200C,CT,T	199-110	40-289	30-146	APS164-21000	APS66-09100	2	N/A
Cessna							
120, 140,140A	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
150, A150, F150, FA150, A152, F152, FA152	199-84	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200
170,A,B	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
172, F172, FR172, R172	199-84A	40-113	30-75A	APS164-04000	APS66-10500	2	APS105-00200
172, A,B,C,D,E, P172D	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
175,A,B,C	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
177	199-84	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200
177RG	199-84	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200
180, 180A,B,C,D,E,F	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
180, 180A,B,C,D,E,F,H,J	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
180, 180A,B,C,D,E,F,H,J,K	199-62	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200
	199-155	40-75J	30-52Y	APS164-03601	APS66-10500	4	APS105-00200
182, A182J,K,L,N, F182P,Q	199-84	40-113	30-75	APS164-04000	APS66-10500	2	APS105-00200
182, 182A,B,C,D,E,F,G	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
185, 185A,B,E	199-62	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200
	199-155	40-75J	30-52Y	APS164-03601	APS66-10500	4	APS105-00200
185,A,B	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
A185E,F1	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
	199-155	40-75J	30-52Y	APS164-03601	APS66-10500	4	APS105-00200
A185F1	199-62	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200
190, 195, 195A,B	199-61	40-40C	30-28C	APS164-00806	APS66-03300	6	APS177-00400
U206E,F, TU206E,F	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
	199-155	40-75J	30-52Y	APS164-03601	APS66-10500	4	APS105-00200
TU206E,F,G	199-62A	40-75T	30-52N	APS164-08300	APS66-10500	4	APS105-00200
U206E,F, TU206E,F	199-155	40-75J	30-52Y	APS164-03601	APS66-10500	4	APS105-00200
U206E,F, TU206E,F	199-62	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200
210,A,B,C,K,L,M, T210,K,L,M,N	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
P210N3	199-60A	40-75B	30-52U	APS164-01501	APS66-10500	4	APS105-00200
310,310A,B,C,D,E,F,G,H,I,J,K,L,N,P,Q,R 310J-1, E310H,J, T310P,Q,R	199-64	40-40B	30-1	APS164-01406	APS66-03300	2	APS177-00400
340, 340A	199-76	40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600
340, 340A	199-72	N/A	30-100	APS164-06406	APS66-06600	8	APS177-01600
401,401A,B, 402,402A,B	199-76	40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600
	199-72	N/A	30-100	APS164-06406	APS66-06600	8	APS177-01600
402,402A,B,C	199-76	40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600
404	199-78	40-132	30-97	APS164-09100	APS66-06400	8	APS177-01600
411,411A, 414	199-72	N/A	30-100	APS164-06406	APS66-06600	8	APS177-01600
441	199-115	40-169	30-143	APS164-20700	APS066-07300	6	APS177-01600
De Havilland							
Chipmunk DHC-1-21,22,22A, DHC-1B,-2, -S3,-S5	199-79	40-97D	30-63P	APS164-02601	APS66-10500	2	APS105-00200
Beaver DHC-2 MK 1,2,3	199-95	40-134	30-99	APS164-06306	APS66-06600	8	APS177-01600
Twin Otter DHC-6-1,100,200,300	199-92	40-21101	30-170	APS164-22400	APS66-10000	8	APS177-01600

Eligibility continued on next page

APS Brake Discs, Linings, and Rivets for Aircraft with Cleveland Conversion Kits Installed cont.

(Includes Experimental Aircraft)

Aircraft Model	Cleveland Kit P/N	Wheel P/N	Brake P/N	Brake Disc P/N	Lining Per Wheel P/N	Lining Per Wheel Qty	Rivet or Pin P/N
D.L.F. Holdings							
Tango	199-152	40-151	30-133	164-09900 2	APS66-10500	2	APS105-00200
414,414A, 421,421A,B,C	199-76	40-135A	30-100	APS164-20306	APS66-06600	8	APS177-01600
Ercoupe							
415-C, CD, D, E, F-1, F-1A 5, G	199-69	40-41	30-30	APS164-00300	APS66-10500	2	APS105-00200
Explorer Aeronautique							
Private Explorer Std	199-62	40-75D	30-52N	APS164-03601	APS66-10500	4	APS105-00200
Private Explorer Float	N/A	40-101	30-67B	APS164-03006	APS66-10800	4	APS105-00200
Express Aircraft							
Express 2000/2000RG	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
Four Winds Aircraft							
192/210/250T	199-60	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
Globe Swift							
GC1A, GC1B	199-48	40-113C	30-79B	APS164-04300	APS66-10500	2	APS105-00200
Gulfstream Aerospace							
500,A,B,S,U	199-122	40-198	30-159B	APS164-22000	N/A	8	APS177-01600
500,A,B,S,U	199-122A	40-198	30-159C	APS164-22000	N/A	8	APS177-01600
560F,680F, FL.FLP,T,V,W,681, 685, 690, 690A,B,C,D, 695,A,B	199-80	40-107A	30-107E	APS164-07200	N/A	8	APS177-01600
Hensely Aircraft							
F-19 Wolf Aerobatic	199-46	40-97A	30-63A	APS164-02601	APS66-10500	2	APS105-00200
F-19 Wolf Utility	199-62	40-75B	30-52	APS164-01501	APS66-10500	4	APS105-00200
Lancair							
IV High Energy, Energy Upgrade	199-224, 224A	40-406	30-233	APS164-02504	APS66-06200	4	APS177-00300
IV Standard	199-208	40-963	30-61E	APS164-02504	APS66-10500	4	APS105-00200
Legacy FG/RG	199-152	40-151	30-133	164-09900 2	APS66-10500	2	APS105-00200
Murphy Manufacturing							
Rebel	199-71	40-60A	30-60A	APS164-06700	APS66-10600	4	APS105-00200
Navion							
A,B,D,E,F,G,H	199-52/ 199-52A	40-98D	30-66B	APS164-02707	APS66-11000	4	APS105-00200
Piper							
J3, PA-11,12,13,14,15,16,17,18,20	199-71A	40-97D	30-60A	APS164-02601	APS66-10600	4	APS105-00200
	199-71	40-60	30-60A	APS164-06700	APS66-10600	4	APS105-00200
PA-18A-150	199-71A	40-97D	30-60A	APS164-02601	APS66-10600	4	APS105-00200
	199-71	40-60	30-60A	APS164-06700	APS66-10600	4	APS105-00200
PA-31, -300,325,350	199-100	40-162	30-138	APS164-07700	APS66-06800	12	APS177-01600
PA-31-310,325,350	199-66	N/A	30-95A	APS164-07906	APS66-06600	8	APS177-01600
PA-31P (425 HP), PA31-350	199-83	40-141	30-123	APS164-07700	APS66-06800	12	APS177-01600
PA-31-350 4	199-119	40-198	30-158	APS164-21900	APS66-06800	12	APS177-01600
PA-31T, PA-3T1	199-89	40-106	30-106	APS164-03906	APS66-06800	16	APS177-01600
PA-31T2	199-111	40-167	30-142	APS164-20600	APS066-07300	8	APS177-01600
PA-42, PA-42-720	199-112	40-166	30-141	APS164-07400	APS066-07300	8	APS177-01600
Pitts							
Pitts Special	199-103	40-78J	30-9C	APS164-01700	APS66-10600	2	APS105-00200
S1-S	199-102	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200
RANS							
S-16	199-102	40-78B	30-9	APS164-01700	APS66-10600	2	APS105-00200
S-7C	199-104	40-59A	30-59A	APS164-07500 3	APS66-11200	2	APS105-00200
Kit Fox	199-215	40-281	30-224	164-23400 2	APS66-10500	2	N/A
Pulsar	199-102	40-78B	30-9	N/A	APS66-10600	2	APS105-00200
Steen Aero Lab							
Skybolt	199-104	40-59A	30-59A	APS164-07500 3	APS66-11200	2	APS105-00200
	199-105	40-113X	30-75X	APS164-04000	APS66-10500	2	APS105-00200
Swift							
GC-1A, GC-1B	199-98	40-113C	30-79B	APS164-04300	APS66-10500	2	APS105-00200
Univair							
108 Series	188-87	40-97D	30-63Q	APS164-02601	APS66-10500	2	APS105-00200
Van's Aircraft							
RV-3, RV-9	199-102	40-75B	30-9	APS164-01700	APS66-10600	2	APS105-00200
RV-10	199-104	40-59A	30-59A	APS164-07500 3	APS66-11200	2	APS105-00200
Velocity Aircraft							
SE/XL	199-60	40-75B	30-52	APS164-01501	APS66-10600	4	APS105-00200

1 Partial model eligibility
2 OEM brake disc or lining must be used, this part is not FAA-PMA approved.
3 This part is not FAA-PMA approved
4 Modified by Schaefer STC SA678SW
5 S/N 813 and on

APS *BlackSteel*® Brakes for Pilatus PC-12

Cost effective replacements for Cleveland Brakes

- All parts are FAA-PMA approved
- Longer wear life
- Offered individually or as a convenient brake overhaul kit



Brake Overhaul Kit P/N APS199-575A			
P/N	Description	Qty	Idx
APS095-01100	Washer-seal	1	1
APS101-00700	O-ring	2	2
APS101-02500	O-ring	6	3
APS105-02401	Rivet	48	4
APS105-08701	Rivet	48	5
APS107-03700	Scraper	6	6
APS109-03000	Wear Pad	72	7
APS159-07400	Rotor Assembly	3	8
APS88-03800	Insulator	6	N/A

APS Blacksteel Brakes for Caravan Aircraft

Improve braking performance!

- One piece forged disc eliminates weld failure
- Heat treated to reduce corrosion and rust
- FAA-PMA Approved

APS Extended Life Brake Lining

Reduce cost per landing

- Lining is .035" thicker
- 35% longer life!
- FAA-PMA Approved



APS164-22201-1 Kit Components		
P/N	Description	Qty
APS164-22201	Brake Discs	2
APS66-15300	Brake Linings	16
APS177-00300	Pins	32



Wheel Assemblies, Brake Assemblies, and Complete Kits

Complete kits and replacement components for Cleveland wheels

NEW AIRFRAMES ALASKA

After mastering the go-to bush tire, Alaskan Bushwheels turned to improving the standard Cleveland wheel and brake design. The FAA-PMA result of that design process is this line of ABI wheel and brake kits. Parts are made of aluminum, not magnesium. The material improves corrosion resistance and part longevity, particularly in wet/salty environments. The ABI Wheel and Brake Kits contain all the components required to replace the existing wheels and brakes for one aircraft.

- FAA-PMA approved
- Anodized using MIL SPEC A-8625, Type 2, Class 2, black
- More resistant to corrosion
- Longer lasting
- Complete kits and subassembly parts available



See following pages for Wheel Assemblies, Brake Assemblies, and their individual components

Complete Wheel and Brake Kits			
Aircraft Model	**Cleveland P/N**	**Initial STC Install**	**Complete Kit P/N**
Cessna			
180	199-62A	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62		ABI-199-62 (3-bolt, 1 1/2" axle) 3
185	199-62A	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62		ABI-199-62 (3-bolt, 1 1/2" axle) 3
206	199-62A	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62		ABI-199-62 (3-bolt, 1 1/2" axle) 3
Piper			
J3, J5C, PA-11,12,14,15,16,17, PA-18-150, PA-18A-150, PA-20	199-71	N/A	ABI-199-71 (6-bolt, 1 1/4" axle) 2
Maule			
M-4, M-9	199-62	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3 4
American Champion			
7 and 8 series	199-62	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3 4

Notes:

1 Kit includes (qty 2) ABI 40-75T 6"-wheel assemblies and (qty 2) ABI 30-52N brake assemblies (including bearings, races, bolts, etc). This kit is incompatible and has fitment issues with all C172 tubular gear airplanes.

2 Kit comes with (qty 2) ABI 40-60 6"-wheel assemblies and (qty 2) ABI 30-60A brake assemblies (including bearings, races, bolts, etc).

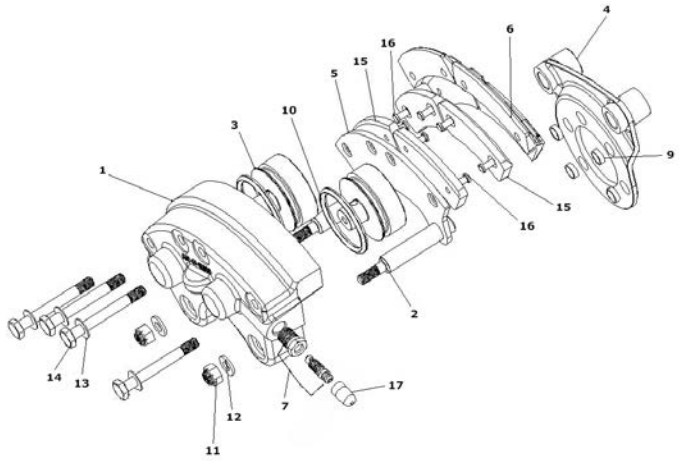
3 Kit comes with (qty 2) ABI 40-75D 6"-wheel assemblies and (qty 2) ABI 30-52N brake assemblies (including bearings, races, bolts, etc). This kit is incompatible and has fitment issues with all C172 tubular gear airplanes.

4 You will need an OEM drawing and your mechanic to sign off on the installation for these aircraft. These drawings can be obtained from Maule or American Champion.

Wheel Assemblies, Brake Assemblies, and Complete Kits
continued from previous page

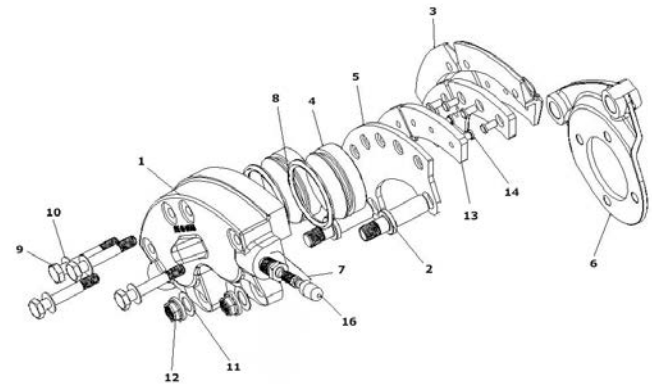
NEW AIRFRAMES ALASKA

Brake Assembly P/N 30-52N (Used in ABI-199-62 and ABI-199-62A)		
Description	**Part Number**	**Figure**
Brake Cylinder	ABI-61-01800	1
Brake Anchor bolt	ABI-69-01900	2
Brake Piston	ABI-62-00500	3
Brake Anchor (torque) plate	ABI-75-13600	4
Brake Pressue Plate	ABI-63-01100	5
Brake Backing Plate	ABI-64-01500	6
Brake Bleeder Set	ABI- 220-0627	7
Bushing (for anchor plate)	ABI-145-01000	9
O-Ring	MS28775-222	10
Locknut	MS21046C4	11
Flat Washer	NAS1149F0463P	12
Washer	NAS1149F0432P	13
Bolt	AN4-21A	14
Brake Pad	APS66-10500	15
Rivet	APS105-00200	16
Cap	VC-234-8	17
Brake Pressure Plate Assembly	ABI-63-01100K	Additional Option

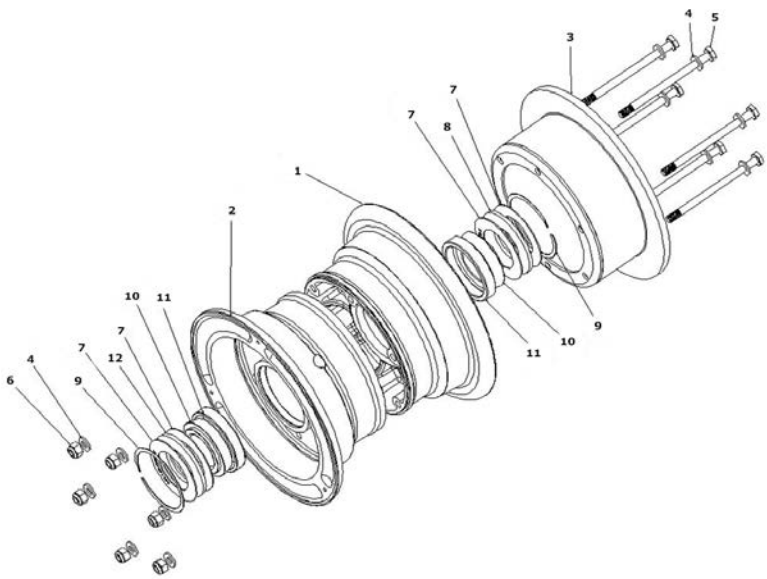


Complete Kits available on previous pages!

Brake Assembly P/N 30-60A (Used in ABI-199-71)		
Description	**Part Number**	**Figure**
Brake Cylinder	ABI-61-06701	1
Brake Anchor bolt	ABI-69-02600	2
Brake Backing Plate	ABI-64-00500	3
Brake Piston	92-00600	4
Brake Pressure Plate	ABI-63-00600	5
Brake Anchor Plate	ABI-75-12500	6
Brake Bleeder Set	ABI-220-0627	7
O-Ring	MS28775-222	8
Washer	NAS1149F0432P	9
Washer	NAS1149F0632P	10
Nut	MS21043-6	11
Bolt	AN4-15A	12
Brake Pad	APS66-10600	13
Rivet	APS105-00200	14
Cap	VC-234-8	16
Brake Caliper	ABI-1.25BC	Additional Option



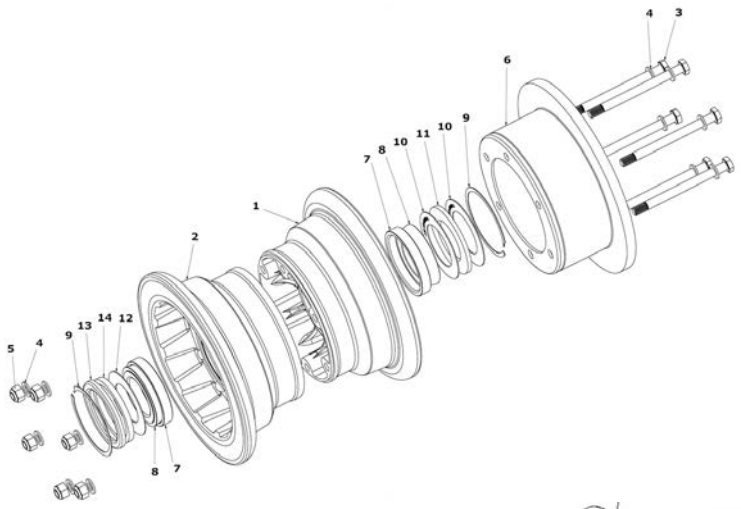
Wheel Assembly P/N 40-60 (Used in ABI-199-71)		
Description	**Part Number**	**Figure**
Bolt Inner Wheel Half	ABI-161-07000	1
Bolt Outer Wheel Half	ABI-162-06500	2
Brake Disc	APS164-06700	3
Washer	NAS1149F0463P	4
Wheel Bolt	AN4-36A	5
Locknut	MS21044N4	6
Seal Ring	MC153-00200	7
Inner Felt Grease Seal	MC154-02800	8
Retaining Snap Ring	MC155-00200	9
Bearing Cone	08125-20629	10
Bearing Race	ABI-08231	11
Outer Felt Grease Seal	MC154-00200	12



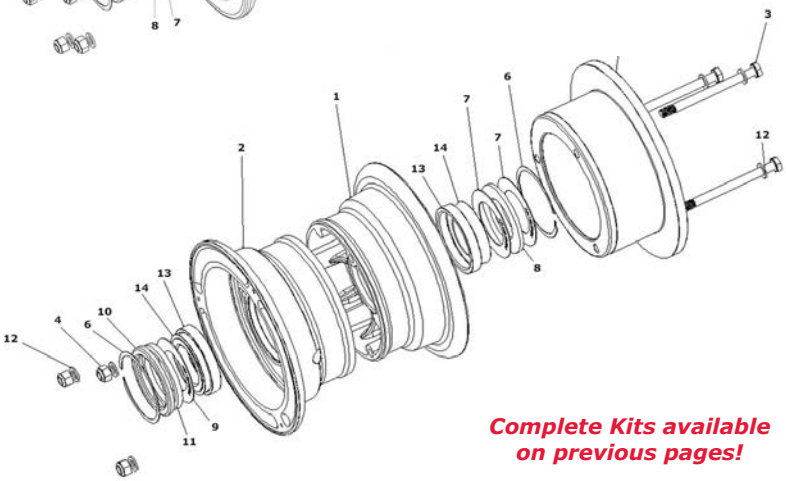
Wheel Assemblies, Brake Assemblies, and Complete Kits continued from previous page

NEW AIRFRAMES ALASKA

Wheel Assembly P/N 40-75T (Used in ABI-199-62A)		
Description	**Part Number**	**Figure**
Bolt Inner Wheel Half	ABI-161-08700	1
Bolt Outer Wheel Half	ABI-162-08100	2
Wheel Bolt	AN5-36A	3
Washer	AN960-516	4
Locknut	MS21044N5	5
Brake Disc	APS164-08300	6
Bearing Race	13836-20629	7
1.5" Bearing Cone	13889-20629	8
Retaining Snap Ring	MC155-00100	9
Seal Ring	MC153-00400	10
Innter Felt Grease Seal	MC154-00300	11
Seal Ring	MC153-00300	12
Seal Cup	MC153-01500	13
Outer Felt Grease Seal	MC154-01300	14



Wheel Assembly P/N 40-75D (Used in ABI-199-62A)		
Description	**Part Number**	**Figure**
Bolt Inner Wheel Half	ABI-161-03000	1
Bolt Outer Wheel Half	ABI-162-02700	2
Wheel Bolt	AN5-36A	3
Locknut	MS21044N5	4
Brake Disc	APS164-03601	5
Retaining Snap Ring	MC155-00100	6
Seal Ring	MC153-00400	7
Innter Felt Grease Seal	MC154-00300	8
Seal Ring	MC153-00300	9
Seal Cup	MC153-01500	10
Outer Felt Grease Seal	MC154-01300	11
Washer	AN960-516	12
Bearing Race	13836-20629	13
1.5" Bearing Cone	13889-20629	14

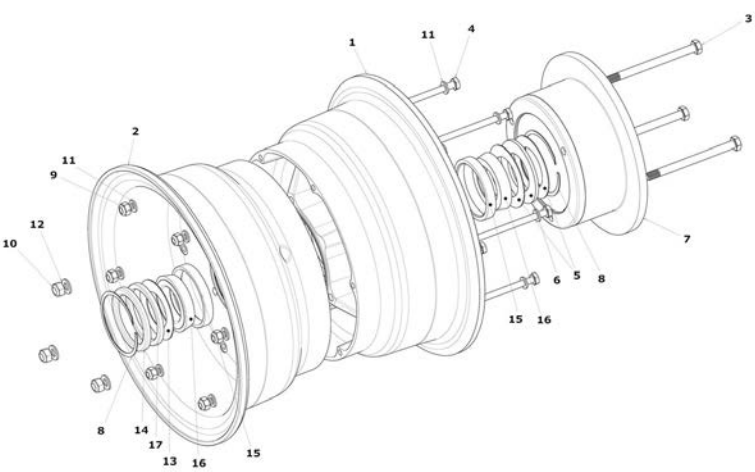


Complete Kits available on previous pages!

Wheel Assembly P/N 1010 (for both axle sizes 1.25" and 1.50")		
Description	**Part Number**	**Figure**
Inner Wheel Half	ABI-1010-01	1
Outer Wheel Half	ABI-1010-02	2
Wheel Bolt	AN5-36A	3
Bolt	AN4-35A	4
Seal Ring	MC153-00400	5
Inner Felt Seal	MC154-00300	6
Brake Disc (1.5" axle)	APS164-03601	7
Brake Disc (1.25" axle)	164-06700AB	7
Retaining Snap Ring	MC155-00100	8
Locknut	MS21044N4	9
Locknut	MS21044N5	10
Washer	NAS1149F0432P	11
Washer	NAS1149F0532P	12
Seal Ring	MC153-00300	13
Seal Cup	MC153-01500	14
Bearing Race	13836-20629	15
Bearing Cone (1.25" axle)	ABI-13889-1.25	16
Bearing Cone (1.5" axle)	13889-20629	16
Felt Grease Seal	MC154-01300	17

Note: These are FAA TSO and STC approved. 10" x 10" wheel is 16 pounds and made out of aluminum. Each wheel is sold individually.

STC requires Piper and Husky aircraft with 1.25" axles to use ABI-WBCK-P/H (Axle Spacer Kit)



Wheel Assembly P/N 1010: This wheel is most often purchased with or for 4-ply 29" Airhawk tires or 6-ply 8.50 x 10s. This is a modern, significantly advanced version of the older glued adapter assembly available from "Alaska Tundra Tire," formerly known as "Gar Aero." Ask yourself whether you would feel comfortable gluing something critical onto your car tire. If the answer is no, then the 10x10 is your wheel.

AIRFRAMES ALASKA

Tail Wheel Shimmy Dampener

Lightweight replacement for Scott and ABI 3200 and 3400 Tailwheel Assemblies



APS Brake Shims

New! FAA-PMA approved

NEW



P/N APS68-01600



P/N APS68-02800



P/N APS68-04100

Aicraft Model	Part Number												
	APS68-01100	APS68-01600	APS68-01700	APS68-02700	APS68-02800	APS68-02900	APS68-03000	APS68-03100	APS68-03300	APS68-03900	APS68-04000	APS68-04100	APS68-04600
Aero Commander (Rockwell/Gulfstream)													
500, 500-A,B,S,U, 560-F, 680-F,FL,FL(P),T,V,W, 681, 685, 690, 690A,B,C,D, 695, 695B									•				
Air Tractor													
AT-602		•											
Beechcraft													
100, B100, 200, 200C,CT,T, B200, B200C, B200C (C-12F,C-12R,UC-12F,UC-12M),B200CGT,CT,GT,T												•	
35, 35R, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35			•										
18-3N,NM,TM, D18C,S, E18S, E18S-9700, G18S, H18, C-45G,H, TC-45G,H,J, JRB-6, RC-45J (SNB-5P)				•									
58, 58A			•	•									
58P, 58TC, 60, A60, B60				•									
65 (L-23F), 65-80,A80,B80,88,90,A90,A90-1(U-21A,D; JU-21A; RU-21A,D),A90-4(RU-21E,H), A65, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90										•			
F90												•	
95-55,A55,A55,B55,B55,B55A,B55A,B55B,C55,C55,C55A,C55A, D55, D55A, E55, E55A			•	•									
95, B95, B95A, D95A, E95			•	•									
99, 99A, A99A, B99, C99, A100, A200(C-12A,C-12A,C-12C), A200C(UC-12B), A200CT(C-12DF, FWC-12D, RC-12D,H,G,K,N,P,Q)												•	
45 (TY-34), A45 (T-34A,B-45), D45 (T-34B), 56TC, A56TC			•										
Britten-Norman (Pilatus)													
BN-2, BN-2A	•												
BN-2A MK. III, BN-2A MK. III-2, BN-2A MK. III-3			•										
BN-2A-2,3,6,8,9,20,21,27	•		•										
BN-2B-20, BN-2T			•										
BN-2B-21, BN-2B-26, BN-2B-27	•		•										
Cessna													
188, 188A,B, A188, A188A,B, T188C			•										
190, 195, 195A,B		•											
208, 208B					•								
210-5A (205A), P210N,R	•												
T303	•		•										
310, 310A (USAF U-3A or L-27A),B,C,D,E (USAF U-3B),F,G,H,I,J,J-1,K,L,N,P,Q,R, E310H,J, T310P,Q,R, 320, 320-1, 320A,B,C,D,E,F, 335		•											
336, 337B,C,D	•												
337E			•										
340, 340A		•						•					
401, 401A,B, 402, 402A,B,C								•					
404						•							
411, 411A		•						•					
414		•											

Continued on next page

APS Brake Shims

New! FAA-PMA approved

NEW



P/N APS68-01600



P/N APS68-02800



P/N APS68-04100

Aicraft Model	Part Number APS68-01100	APS68-01600	APS68-01700	APS68-02700	APS68-02800	APS68-02900	APS68-03000	APS68-03100	APS68-03300	APS68-03900	APS68-04000	APS68-04100	APS68-04600
Cessna continued													
414A, 421, 421A,B,C								•					
425						•							
441											•		
LC40-550FG, LC41-550FG, LC42-550FG	•												
Champion/Aeronca													
8GCBC	•												
Cirrus													
SR22	•												
De Havilland (Viking Air)													
DHC-2 Mk I, DHC-2 Mk II, DHC-2 Mk III					•								
DHC-6-1,100,200,300													•
Fairchild (M7 Aerospace)													
SA26-AT, SA26-T										•			
GAF (Nomad)													
N24A	•												
Grumman													
G-164	•												
GA-7					•								
Helio Aircraft													
H-250, H-391 (USAF UL-24), H-395 (USAF L-28A), H-395 (USAF U-10B)			•										
Mitsubishi													
MU-2B-25,26,26A,35,36,36A,40,60									•				
Navion (Sierra Hotel Aero)													
Navion (Army L-17A), Navion A,B,D,E,F,G,H			•										
Partenavia													
P.68, P.68B,C,C-TC					•								
Piper													
PA-23, PA-23-160,235,250	•												
PA-24-400					•								
PA-30	•												
PA-31, PA-31-300,325		•					•		•				
PA-31-350, PA-31-350 (T1020)		•			•		•	•	•				
PA-31P									•				
PA-31T, PA31T1								•					
PA-31T2, PA31T3 (T1040)										•			
PA-32-260,300,301,301T, PA-32R-300, PA-32RT-300,300T, PA-34-200,220T, PA-39	•												
PA-42-720R										•			
PA-44-180, PA-44-180T, PA-46-310P, PA-46-350P, PA-46-500TP	•												
PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA-60-700P			•										
PA-E23-250	•												
Quest Kodiak													
100					•								
Thrush (Ayres)													
S2R-T660		•											

Brake Bleeder Valves for Cleveland and McCauley Wheels

Improved - No more rust, no more rounded wrench flats

Bleeder Screws

- Strong heat treated 17-4 stainless steel prevents corrosion and rounding of the hex
- Increased hex size further resists rounding of the wrench hex

Bleeder Seats

- Stainless steel for corrosion resistance
- Type III class 3 cadmium plating is the best protection against galvanic corrosion with the magnesium housing.

Even the Rubber Cap is Improved!

- Improved material prevents cracking
- Shorter design results in a more secure fit

Convenient Kits

- Two kits required per aircraft
- Components also available separately



Eligibility on the following pages

Save $$$

FAA-PMA Direct Replacements

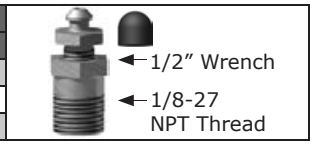
Currently approved for most Cessna

Description	McFarlane P/N	Cleveland P/N	Cessna P/N	McCauley P/N
Bleeder Seat	MC081-00100	081-00100	37-206	A30030
Bleeder Screw	MC079-00300	079-00300	FC6446	A30085
Bleeder Seat	MC081-30169	081-30169		A30169
Needle Cap	MC183-00100	183-00100		A30040
Needle Cap	MC183-00100	183-1		A30040
Needle Cap	MC183-00100	183-0100		A30040

Brake Bleeder Valves for Cleveland and McCauley Wheels continued from previous page

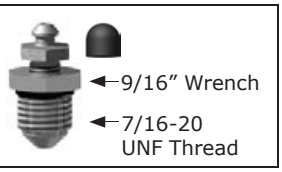
MCBB-KT-1

Qty	Part Number	Description
1	MC081-00100	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap



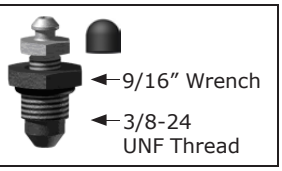
MCBB-KT-2

Qty	Part Number	Description
1	MC081-00200	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap
1	MS28775-012	O-ring



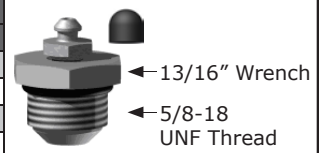
MCBB-KT-3

Qty	Part Number	Description
1	MC081-00500	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap
1	MS28775-011	O-ring



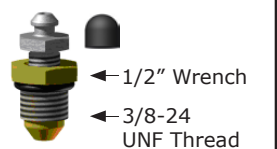
MCBB-KT-4

Qty	Part Number	Description
1	MC081-00600	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap
1	NAS1612-4A	O-ring



MCBB-KT-5

Qty	Part Number	Description
1	MC081-30169	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap
1	MS28775-011	O-ring



Aircraft	Serial Number	When equipped with brake number or Cleveland conversion kit:	P/N
120, 140, 140A	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1
150A,B,C,D,E,F,G,H,J,K,L,M, A150K,L,M, F150F,G,H,J,K,L,M, FA150K,L,M	All		MCBB-KT-1
152	15279406 thru 15285161	C163032-0110 or C163030-0113 (30-75)	MCBB-KT-1
	15285162 thru 15286033	C163033-0101 (C30018)	MCBB-KT-5
A152	All	C163032-0110 or C163030-0113 (30-75)	MCBB-KT-1
	A1520984 thru A1521049	C163033-0101 (C30018)	MCBB-KT-5
F152, FA152	All		MCBB-KT-1
170, 170A,B	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
172, 172A,B,C,D,E	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
172F,G,H,I,K,L,M,N	All		MCBB-KT-1
172P	17274010 thru 17275034	C163030-0111 (30-75A), C163032-0105, C163032-0113 (C30018-6) or equipped with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
	17275035 thru 17275868	C163033-0102 (C30764-6)	MCBB-KT-5
172Q	All	Only for use with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
			MCBB-KT-5
172R,S	All		MCBB-KT-1
172RG	172RG0001 thru 172RG0890		MCBB-KT-1
	172RG0891 thru 172RG1191		MCBB-KT-5
F172D,E,F,G,H,K,L,M,N,P, FR172E,F,G,H,J,K, R172E,F,G,H,K	All		MCBB-KT-1
P172D	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1
175, 175A,B,C	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
177, 177A,B, 177RG, F177RG	All		MCBB-KT-1
180	All	Only for use with Cleveland conversion kit 199-46, 199-60, 199-62 or 199-62A	MCBB-KT-1
180A,B,C,D,E,F	All	Only for use with Cleveland conversion kit 199-46, 199-60, or 199-62	MCBB-KT-1
180G,H	All		MCBB-KT-1
180J	18052285 thru 18052384	1241157-1, C163030-0303 (30-52), C163030-0305 (30-52D), or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	18052385 thru 18052770	C163030-0303 (30-52) or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-62	MCBB-KT-1
	All	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
180K	All	C163030-0303 (30-52) or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-62	MCBB-KT-1
		C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
182	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1

Continued on next page

Brake Bleeder Valves for Cleveland and McCauley Wheels continued from previous page


MCBB-KT-1


MCBB-KT-2


MCBB-KT-3


MCBB-KT-4


MCBB-KT-5

Aircraft	Serial Number	When equipped with brake number or Cleveland conversion kit:	P/N
182A,B,C,D,E,F,G	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
182H,J,K,L,M,N,P,Q	All		MCBB-KT-1
182R	All		MCBB-KT-5
182S	All	Only for use with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
			MCBB-KT-3
182T, T182T	All		MCBB-KT-3
A182J,K,L,N, F182P,Q	All		MCBB-KT-1
FR182, R182, T182, TR182	All		MCBB-KT-5
185, 185A,B,C,D,E, A185E	All		MCBB-KT-1
A185F	18502091 thru 18502300	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
	18502091 thru 18502310	1241157-1, C163030-0303 (30-52), C163030-0305 (30-52D), or C163030-0113 (30-75) or when equipped with Cleveland conversion kit 199-60 or 199-62	MCBB-KT-1
	18502311 thru 18504448	C163030-0303 (30-52) or C163030-0113 (30-75)	MCBB-KT-1
188, 188A,B, A188, A188A,B, A188B	18800001 thru 18802348	C163030-0301 (30-52B) or C163030-0302 (30-52B)	MCBB-KT-1
188, 188A,B, A188, A188A,B	18800001 thru 18802348	30-67A, C163030-0601 (30-67C), C163030-0503 (30-66A), or C163030-504 (30-66A)	MCBB-KT-2
A188B	18802349 thru 18803973		MCBB-KT-2
A188B (w/large hopper)	18800833T thru 18802348T	C163030-0301 (30-52B) or C163030-0302 (30-52B)	MCBB-KT-1
	18800833T thru 18802348T	30-67A, C163030-0601 (30-67C), C163030-0503 (30-66A), or C163030-504 (30-66A)	MCBB-KT-2
	18802349T thru 18803973T		MCBB-KT-2
T188C	All		MCBB-KT-2
190, 195, 195A,B	All	Only for use with Cleveland conversion kit 199-61	MCBB-KT-2
210-5 (205), 210-5A (205A)	All		MCBB-KT-1
206, 206H	All		MCBB-KT-1
P206, P206A,B,C,D,E	All		MCBB-KT-1
T206H	All		MCBB-KT-1
TP206A,B,C,D,E, TU206A,B,C,D,E	All		MCBB-KT-1
TU206F, U206F	U20601701 thru U20602199		MCBB-KT-1
TU206F,G, U206F,G	U20602200 thru U20607020	C163030-0303 (30-52) or C163030-0313 (30-52N) or when equipped with Cleveland conversion kit 199-62	MCBB-KT-1
	All	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
U206, U206A,B,C,D,E	All		MCBB-KT-1
207, 207A, T207, T207A	All		MCBB-KT-1
208, 208A,B	All		MCBB-KT-3
210, 210A,B	All	Only for use with Cleveland conversion kit 199-60	MCBB-KT-1
210C,D,E,F,G,H,J,K	All		MCBB-KT-1
210L,M	All	C163030-0303 (30-52) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	21060090 thru 21062954	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5
210N	21062955 thru 21063114	121494-3 or 121494-4	MCBB-KT-2
	21063115 thru 21064135	C163030-0315 (30-52V), C163030-0316 (30-52V), 30-05220,or 30-05270	MCBB-KT-3
	21064136 thru 21065009		MCBB-KT-3
	All	C163032-209 or C163032-210	MCBB-KT-5
210R, T210R	All		MCBB-KT-3
P210N	P21000001 thru P21000150	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5
	P21000151 thru P21000191	121494-3 or 121494-4	MCBB-KT-2

Continued on next page

Brake Bleeder Valves for Cleveland and McCauley Wheels continued from previous page


MCBB-KT-1


MCBB-KT-2


MCBB-KT-3


MCBB-KT-4


MCBB-KT-5

Aircraft	Serial Number	When equipped with brake number or Cleveland conversion kit:	P/N
P210N *continued*	All	Only for use with Cleveland conversion kit 199-60	MCBB-KT-1
		C163030-0315 (30-52V) or C163030-0316 (30-52V) or when equipped with Cleveland conversion kit 199-60A	MCBB-KT-3
P210R	All	C163030-0901 (30-127) or C163030-0902 (30-127)	MCBB-KT-3
T210F,G,H,J,K	All		MCBB-KT-1
T210L,M	All	C163030-0303 (30-52) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	21060090 thru 21062954	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5
T210N	21062955 thru 21063114	121494-3 or 121494-4	MCBB-KT-2
	21063115 thru 21064135	C163030-0315 (30-52V), C163030-0316 (30-52V), 30-05220,or 30-05270	MCBB-KT-3
	21064136 thru 21065009		MCBB-KT-3
	All	C163032-209 or C163032-210	MCBB-KT-5
310, 310B,C,D,F,G,H,I,J,J-1, K,L,N,P,Q	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
E310H,J	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
T310P,Q	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
320, 320-1, 320A,B,C,D,E,F	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
336	All		MCBB-KT-1
337E,F, F337E,F, FT337E,F, T337E,F	All		MCBB-KT-1
310R, T310R	All		MCBB-KT-2
335	All		MCBB-KT-2
340, 340A	All		MCBB-KT-2
401, 401A,B	All	Only for use with Cleveland conversion kit 199-72 or 199-76	MCBB-KT-2
402, 402A,B	All	Only for use with Cleveland conversion kit 199-72 or 199-76	MCBB-KT-2
402C	All		MCBB-KT-2
404	All	Only for use with Cleveland conversion kit 199-78	MCBB-KT-2
411, 411A	All		MCBB-KT-2
414, 414A	All		MCBB-KT-2
421	All	Only for use with Cleveland conversion kit 199-76	MCBB-KT-2
421C	All		MCBB-KT-2
441	All	Only for use with Cleveland conversion kit 199-115	MCBB-KT-2
500, 501	All	91891-003 (030-18902 formerly 30-189B) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-4
550, 551	All	030-18902 formerly 30-189B or when equipped with Cleveland conversion kit 199-60	MCBB-KT-4
S550	All	Only for use with Cleveland conversion kit 199-177	MCBB-KT-4

Brake Assembly and Master Cylinder Seal Kits for Cessna Aircraft

Kits contain the parts you need for a wide range of Cessna models

McFarlane has done the research so you don't have to. Now buy one kit per brake assembly or master cylinder and get the right seals for the job without wasting money on expensive parts you don't need.

All parts are standard industry spec hardware with full traceability or Cessna original parts with 8130-3 tags

Expanded eligibility! Cessna 188 thru 210, 337, and Caravan models

- One kit per two brake calipers or one master cylinder
- McFarlane original kit
- Approved parts

Save time and $$$

Eligibility on the following page



Note: Master cylinder kit does not include Lock-o-Seal.

Kit P/N	Kit Type	Qty	Description
CBS-KT-2	Master Cylinder Seal Kit	1	O-ring
		1	Backup Ring
CBS-KT-3	Master Cylinder Seal Kit	3	O-rings
		1	Backup Ring
		1	Stat-O-Seal
CBS-KT-4	Master Cylinder Seal Kit	1	O-ring
CBS-KT-5	Brake Assembly Seal Kit	8	O-rings
CBS-KT-6	Brake Assembly Seal Kit	4	O-rings

Brake Assembly and Master Cylinder Seal Kits continued from previous page

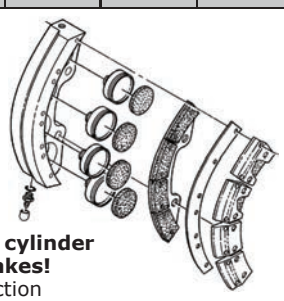
CBS-KT-6
Brake Caliper Seal Kit



		Master Cylinder Seal Kits			Brake Caliper Seal Kits	
Aircraft Model	**Serial Number**	**CBS-KT-2**	**CBS-KT-3**	**CBS-KT-4**	**CBS-KT-5** [4]	**CBS-KT-6**
120, 140	All			•	•	
150, 150A,B,C,D,E,F,G,H,J,K,L,M	All				•	
F150F,G,H,J,K,L,M, FA150K,L,M, FRA150L,M	All				•	
A-150L, A-A150L, A150K,L,M	All				•	
152, A152, F152,FA152	All				•	
170, 170A	All			•	•	
170B	All				•	
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N[1]	28000 thru 17271034				•	
172N[1],P,Q	17271035 and On	•			•	
F172D,E,F,G,H,K,L,M,N[1]	F172-0001 thru F17201749				•	
F172N[1],P	F17201750 thru F17202254	•			•	
R172K	R1722000 thru R1722929				•	
	R1722930 thru R1723454	•			•	
FR172E,F,G,H,J	All				•	
FR172K	FR17200591 thru FR17200630				•	
	FR17200631 thru FR17200675	•			•	
R172E,F,G,H	All				•	
175, 175A,B,C	All				•	
177, 177A,B	All				•	
177RG	All	• [3]			•	
180, 180A,B,C,D,E,F,G,H,J,K[1]	30000 thru 18053000				•	
180K[1]	18053001 and On	•			•	
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q[1]	33000 thru 18266590				•	
182Q[1],R,S,T	18266591 and On	•			•	
F182P,Q[1]	F18200001 thru F18200094				•	
F182Q[1]	F18200095 and On	•			•	
FR182	FR18200001 thru FR18200020				•	
	FR18200021 thru FR18000070	•			•	
T182, T182T, TR182	All	•			•	
185, 185A,B,C,D,E, A185E,F[1]	185-0001 thru 18503683				•	
A185F[1]	18503684 and On	•			•	
188, 188A,B, A188, A188A,B[1]	188-0001 thru 18803296				•	
A188B[1]	18803297 and On	•			•	
A188B (with large hopper)	18800833T thru 18803296T				•	
	18803297T and On	•			•	
206, U206, U206A,B,C,D,E,F,G, TU206A,B,C,D,E,F,G	All				•	
P206, P206A,B,C,D,E, TP206A,B,C,D,E	All				•	
206H, T2006H	All	•			•	
208, 208B	All		•		•	
210, 210A,B	All					•
210C,D,E,F,G,H,J,K,L,M, T210F,G,H,J,K,L,M	All				•	
210N,R, T210N,R	All	•			•	
337, 337A,B,C,D,E,F,G,H[1]	337-0002 thru 33701874				•	
337H[1]	33701875 and On	•			•	
T337B,C,D	All				•	

[1] Partial model eligibility
[2] Use this kit when NOT equipped with master cylinder assembly P/N 9882010-1
[3] Use this kit when equipped with master cylinder assembly P/N 9882010-1
[4] CBS-KT-5 contains eight O-rings that replace the O-rings in both brake calipers





Brake assembly and master cylinder seal kits for Caravan brakes!
See complete Caravan section

Brake Master Cylinder Upgrade Repair Kits for Beechcraft

Rebuild your brake master cylinder — no need to purchase a new replacement!

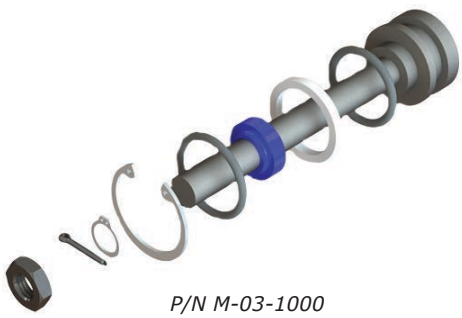
Note: these kits do not fit brake master cylinders manufactured by Gerdes or Paramount. The piston is not included in the kits. Thorseal® is made from Marsh Brothers' proprietary material known as AeroLAS™ -Flex, which is not compatible with phosphate ester hydraulic fluid, commercially known as Skydrol. Exposure to this fluid contamination will damage the seals

- Improved lip seal eliminates main O-rings
- Better sealing performance at any temperature
- Easy to install — tooling included

Kit Components
Nut Rod End Jam
Internal Retaining Ring
Piston Rod Gland Seal
O-Ring (Static Gland)
O-Ring (Piston Head)
Back-Up Ring (Piston Head)
Cotter Pin
External Retaining Ring



P/N M-00-1003-1



P/N M-03-1000
Note: piston not included in the kit

Aircraft Model	OEM P/N	Repair Kit P/N
Beechcraft King Air		
65-90, 65-A90, C90, C90A, E90, F90, C90GT, H90, 100, A100, B100, 200, 200C, 200CT, 200T, B200, B200C, B200CT, B200T, B200CGT, B200GT, 300, 300LW, B300, B300C	90-380001-23	M-03-1000-1
	90-380001-29	M-03-1000-3
	90-380001-33	
Beechcraft 1900		
1900, 1900C, 1900D	90-380001-23	M-03-1000-1
	90-380001-29	M-03-1000-3
	90-380001-33	
Beechcraft 99		
99, 99A, A99, A99A, B99, C99	90-380001-23	M-03-1000-1
	90-380001-29	M-03-1000-3
	90-380001-33	
Beechcraft Baron		
E55, E55A, D55, D55A, 56TC, 58, 58A, 58P, 58PA, 58TC, 58TCA, G58, 95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, A56TC, B95, B95A, D95A, E95	96-380034-25	M-03-1001-1
	96-380034-23	M-03-1001-3
Beechcraft Bonanza		
35, A35, B35, C35, D35, E35, F35, G35, 35R, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC, B36TC, E33, E33A, E33C, F33, F33A, F33C, G33, G36, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B	96-380034-25	M-03-1001-1
	96-380034-23	M-03-1001-3
Mooney		
M20, M20A,B,C,D,E,F,G,J,K,L,M,R,S,TN,U,V	10-24D	M-00-1003
Cirrus		
SR20, SR22, SR22T	121269-001	M-00-1003
	10-24C	M-00-1003
Piper Aerostar		
PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA-60-700P	121269-001	M-00-1003
	10-24C	M-00-1003

APS Insulators

New! FAA-PMA approved



P/N APS88-01500

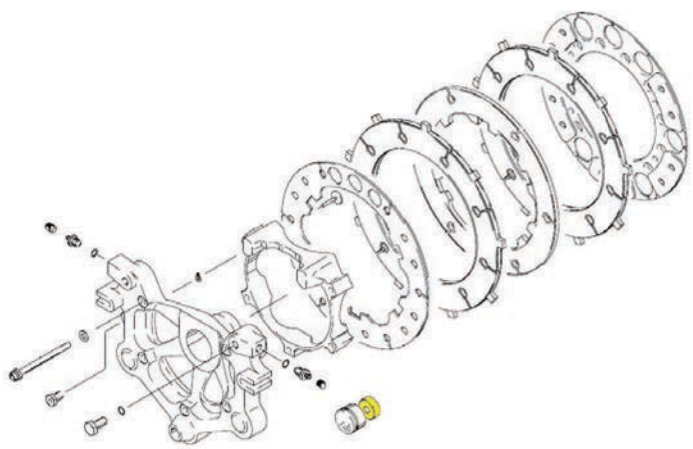


P/N APS88-01800



P/N APS88-03800

Aircraft Model	Part Number
Beechcraft	
99, 99A, A99A, B99, C99, 100, A100, B100, 200, 200C, 200CT, 200T, B200, B200C, B200C (C-12F), B200C (C-12R), B200C (UC-12F), B200C (UC-12M), B200T, B200CT, B200GT, B200CGT, F90, 1900C, 1900C, 1900C (C-12J), 1900D	APS88-01500
Piper	
PA-42-1000	APS88-01500
SOCATA	
TBM 700	APS88-01800
Pilatus	
PC-12, PC-12/45, PC-12/47, PC-12/47E	APS88-03800



McFarlane Aircraft Tire Balancers

Tire balance is now fast, accurate and affordable!

Aircraft tires spin 1.6x faster than car tires.
Out-of-balance tires cause a long list of maintenance problems:

- Uneven tire wear
- Premature bearing wear
- Shimmy and resulting torque link damage
- Destructive and distracting airframe vibration



McFarlane's tire balancer is a suspension tire balancer with a patented design featuring a pivot point that is easily adjustable on-the-fly for maximum balance sensitivity. It is small enough to fit in a tool box and doesn't require a bulky stand. The McFarlane design is more precise than other static balancing methods, and allows the wheel and tire to be balanced with the bearings and seals installed.

It's fast and easy. Due to the horizontal balancing orientation, test weights can be temporarily set in place and easily adjusted while balancing. This eliminates the need to tape the test weights. The McFarlane tire balancers are precision machined with a black, hard anodized finish, and comes in an oiled wooden case. This is a ***lifetime tool*** that fits almost all light aircraft wheel/tire assemblies.

- On-the-fly adjustable pivot point for maximum sensitivity (U.S. Patent No.9,032,793 B1)
- Portable – small enough to fit in your toolbox
- Does not require removal of bearings or seals
- Complete instructions included
- Multiple models and add-on bushing kits to accommodate ¾", 1", 1¼", 1½", 1⅝", and 2" axles
- Conveniently packaged in a durable wooden box
- Doubles as a propeller balancer when used with our optional bushings



Costs less and is more accurate than axle style balancers.



P/N TOOL129

Now available to accommodate standard and taper axle sizes ranging from 3/4" to 2".



P/N TOOL129 LA-KT

Part Number	Description
TOOL128	Tire balancer for ¾" diameter axles (common on experimental aircraft)
TOOL129 (Supersedes TOOL108)	Tire balancer for 1", 1¼", and 1½" axles, including Cessna 300 and 400 Series tapered axles with 1½" and 1" bearing bores.
TOOL129 LA-KT	Large Axle Bushing Kit for 1⅝" and 2" axles (compatible with TOOL129 only)
TOOL108 LA-KT	Large Axle Bushing Kit for 1⅝" and 2" axles (compatible with TOOL108 only)



Seat Rail Extrusion

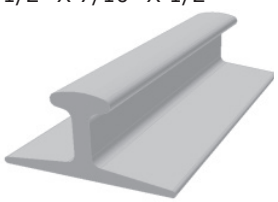
Ideal for homebuilt aircraft!

For custom projects, McFarlane offers eight design types. Blank extrusion can be cut to most any length and is sold by the inch. We can also custom machine to your specifications. Our rails have superior corrosion resistance and added strength.

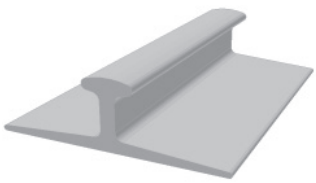
Custom seat rails are not FAA-PMA approved. The user must obtain proper FAA approvals to use our custom rails on certified aircraft. Fill out our design form online and email to our customs team. For additional information and questions, contact our customs department 866-920-2741, ext. 289 or email customparts@mcfarlaneaviation.com.



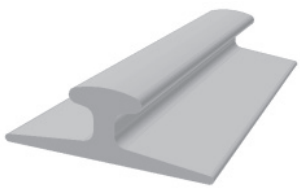
P/N STE101
1 1/2" X 7/10" X 1/2"



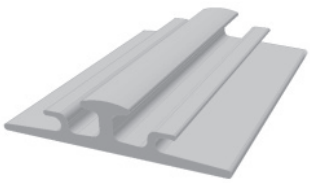
P/N STE102
2 3/10" X 7/10" X 1/2"



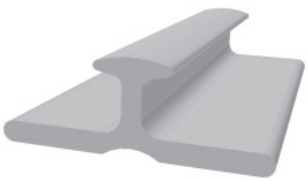
P/N STE103
1 1/2" X 1/2" X 1/2"



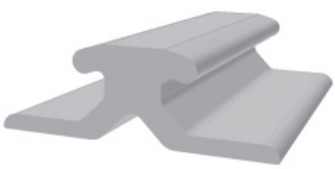
P/N STE104
2 3/10" X 1/2" X 1/2"



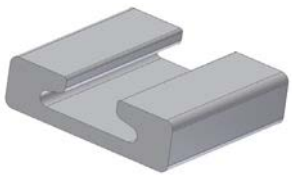
P/N STE108
1 3/4" X 5/8" X 1/2"



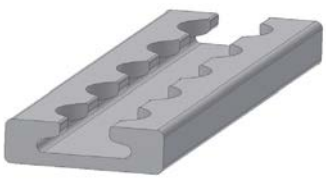
P/N STE109
2 3/10" X 3/4" X 1"



P/N STE105
1.34" X 0.37"



P/N 6656
1.34" X 0.37"

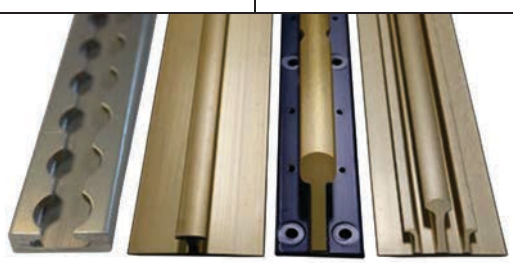


P/N STES2343-1
1 1/2" X 15/16" X 5/8"



P/N STES2617-1
2 5/8" X 1 1/8" X 1 1/4"





Seat Rails for Cessna Aircraft

- Carefully engineered with many improvements
- Increased strength and longer life
- Anodized for corrosion and wear resistance
- Easier installation
- Full interchangeability with the original Cessna parts



Seat Rails for 205-207 aircraft!

***New!* Seat Rails for 205, 206 and 207 Aircraft**

- 34 new part numbers for the center and rear locations
- Includes rails for aircraft with cameras and club seating
- With many seat configurations, McFarlane has the rails!



McFarlane Seat Rail



Cessna Seat Rail

No Pre-Drilled Rivet Holes for Precise Installation

McFarlane seat rails do not have pre-drilled rivet holes in the rail base allowing the installer to exactly match the aircraft floor rivet pattern. McFarlane discovered while installing and developing our replacement seat rails that the seat rail attachment hole pattern was not consistent from aircraft to aircraft. Even small inconsistencies in the hole locations in the aircraft floor make installation of new seat rails very difficult. For this reason, McFarlane does not pre-drill rivet holes at the factory. (Existing stock may have a few pilot attachment holes drilled at the factory.) This allows the installer to precisely locate the attachment holes to match the holes in the aircraft floor. All special sized or machined attachment holes are machined to finish dimensions. It is necessary to replace all fasteners when the seat rails are installed.

Installation Tip:
The aircraft floor is subject to corrosion from moisture under the seat rails. Be sure to remove and treat any corrosion before installing the new seat rails.

More Material in the Right Places

After studying countless worn and failed seat rails McFarlane's rails were designed with 15% more metal in critical areas. The result is more crack resistance, durability, strength and longer life.

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
150A,B,C,D,E,F[1]	15059019 thru 15063059	MC0411545-2	MC0411545-1 [2]	MC0411545-1 [2]	MC0411545-2	
150F[1]	15063060 thru 15063735	MC0411545-4	MC0411545-3 [2]	MC0411545-3 [2]	MC0411545-4	
150F[1],G,H,J,K,L[1]	15063736 thru 15072628	MC0410219-2	MC0410219-1 [2]	MC0410219-1 [2]	MC0410219-2	
150L[1]	15072629 thru 15073658	MC0410230-2	MC0410230-3 [2]	MC0410230-2	MC0410230-3	
150L[1],150M	15073659 thru 15079405	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
A150K,L[1]	A1500001 thru A1500276	MC0410219-2	MC0410219-1 [2]	MC0410219-1 [2]	MC0410219-2	
A150L[1]	A1500277 thru A1500342	MC0410230-2	MC0410230-3 [2]	MC0410230-2	MC0410230-3	
A150L[1],M	A1500343 thru A1500734	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
F150F[1]	F1500001 thru F1500029	MC0411545-2	MC0411545-1 [2]	MC0411545-1 [2]	MC0411545-2	
F150F[1]	F1500030 thru F1500067	MC0411545-4	MC0411545-3 [2]	MC0411545-3 [2]	MC0411545-4	
F150G,H,J,K,L[1]	F1500068 thru F15000738	MC0410219-2	MC0410219-1 [2]	MC0410219-1 [2]	MC0410219-2	
F150L[1]	F15000739 thru F15000863	MC0410230-2	MC0410230-3 [2]	MC0410230-2	MC0410230-3	
F150L[1],M	F15000864 thru F15001428	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
FA150K,L[1]	FA1500001 thru FA1500120	MC0410219-2	MC0410219-1 [2]	MC0410219-1 [2]	MC0410219-2	
FRA150L[1]	FRA1500121 thru FRA1500166	MC0410219-2	MC0410219-1 [2]	MC0410219-1 [2]	MC0410219-2	
FRA150L[1],M	FRA1500167 thru FRA1500336	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
152	15279406 thru 15286033	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
A152	A1520735 thru A1521049	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
F152	F15201429 thru F15201980	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
FA152	FA1520337 thru FA1520425	MC0410235-6 [2]	MC0410235-1	MC0410235-2	MC0410235-6 [2]	
170, 170A,B	18000 thru 27169	MC0511000-14	MC0511000-15 [2]	MC0511000-14	MC0511000-15 [2]	SRTEM1
172, 172A,B,C	28000 thru 17249544	MC0511293-1	MC0511293-3 [2]	MC0511293-4	MC0511293-2 [2]	SRTEM1
172D,E	17249545 thru 17251822	MC0511240-4	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
172F,G,H,I,K[1]	17251823 thru 17258656	MC0511240-5	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
172K[1]	17258657 thru 17259223	MC0511240-9	MC0511240-7 [2]	MC0511240-8	MC0511240-10 [2]	SRTEM2
172L	17259224 thru 17260758	MC0511240-15	MC0511240-11 [2]	MC0511240-12	MC0511240-14 [2]	SRTEM2
172M,N[1]	17260759 thru 17272884	MC0511243-4 [2]	MC0511243-5 [2]	MC0511243-6 [2]	MC0511243-4 [2]	SRTEM2
172N[1],P[1],Q	17272885 thru 17276516	MC2414002-2 [2]	MC2414002-1 [2]	MC2414002-2 [2]	MC2414002-1 [2]	SRTEM2
172P[1]	17276517 thru 17276654	MC0514209-4 [2]	MC0514209-1 [2]	MC0514209-2 [2]	MC0514209-3 [2]	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
172RG	172RG0001 thru 172RG1191	MC2414002-2 [2]	MC2414002-1 [2]	MC2414002-2 [2]	MC2414002-1 [2]	SRTEM2
F172D,E	F1720001 thru F1720085	MC0511240-4	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
F172F,G,H[1]	F17200086 thru F17200739	MC0511240-5	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
F172H[1]	F17200740 thru F17200754	MC0511240-9	MC0511240-7 [2]	MC0511240-8	MC0511240-10 [2]	SRTEM2
F172K,L	F17200755 thru F17200904	MC0511240-15	MC0511240-11 [2]	MC0511240-12	MC0511240-14 [2]	SRTEM2

Continued on next page

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Seat Rails for Cessna Aircraft continued from previous page

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
F172M,N[1]	F17200905 thru F17201909	MC0511243-4 [2]	MC0511243-5 [2]	MC0511243-6 [2]	MC0511243-4 [2]	SRTEM2
F172N[1],P[1]	F17201910 thru F17202238	MC2414002-2 [2]	MC2414002-1 [2]	MC2414002-2 [2]	MC2414002-1 [2]	SRTEM2
F172P[1]	F17202239 thru F17202254	MC0514209-4 [2]	MC0514209-1 [2]	MC0514209-2 [2]	MC0514209-3 [2]	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
FP172	FP1720001 thru FP1720003	MC0511240-4	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
FR172E,F,G[1]	FR17200001 thru FR17200190	MC0511240-5	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
FR172G[1]	FR17200191 thru FR17200225	MC0511240-9	MC0511240-7 [2]	MC0511240-8	MC0511240-10 [2]	SRTEM2
FR172H	FR17200226 thru FR17200350	MC0511240-15	MC0511240-11 [2]	MC0511240-12	MC0511240-14 [2]	SRTEM2
FR172J,K[1]	FR17200351 thru FR17200655	MC0511243-4 [2]	MC0511243-5 [2]	MC0511243-6 [2]	MC0511243-4 [2]	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The info contained here has been verified as correct.						
FR172K[1]	FR17200656 thru FR17200675	MC2414002-2 [2]	MC2414002-1 [2]	MC2414002-2 [2]	MC2414002-1 [2]	SRTEM2
P172	P17257120 thru P17257188	MC0511240-4	MC0511240-2 [2]	MC0511240-3	MC0511240-6 [2]	SRTEM2
R172K[1]	R1722000 thru R1723199	MC0511243-4 [2]	MC0511243-5 [2]	MC0511243-6 [2]	MC0511243-4 [2]	SRTEM2
R172K[1]	R1723200 thru R1723454	MC2414002-2 [2]	MC2414002-1 [2]	MC2414002-2 [2]	MC2414002-1 [2]	SRTEM2
175	55001 thru 56777	MC0511293-1	MC0511293-3 [2]	MC0511293-4	MC0511293-2 [2]	SRTEM1
175A,B,C	17556778 thru 17557119	MC0511293-1	MC0511293-3 [2]	MC0511293-4	MC0511293-2 [2]	SRTEM1
177,A,B[1]	17700001 thru 17701636	MC1711015-3	MC1711015-1 [2]	MC1711015-2	MC1711015-4 [2]	SRTEM3
177B[1]	17701637 thru 17702752	MC1711015-9 [2]	MC1711015-7 [2]	MC1711015-8 [2]	MC1711015-10 [2]	SRTEM3
177RG[1]	177RG0105 thru 177RG01366	MC2011015-9 [2]	MC2011015-5 [2]	MC2011015-10 [2]	MC2011015-8 [2]	SRTEM3
F177RG	F177RG0007 thru F177RG0177	MC2011015-9 [2]	MC2011015-5 [2]	MC2011015-10 [2]	MC2011015-8 [2]	SRTEM3
180, 180A,B,C,D,E,F	30000 thru 18051312	MC0511000-14	MC0511000-15 [2]	MC0511000-14	MC0511000-64 [2]	SRTEM1
180G,H[1]	18051313 thru 18051490	MC0511000-68	MC0511000-69 [2]	MC0511000-68	MC0511000-70 [2]	SRTEM1
180H[1]	18051491 thru 18052103	MC0711693-1	MC0711693-2 [2]	MC0711693-1	MC0711693-2 [2]	SRTEM1
180H[1]	18052104 thru 18052215	MC0711693-1	MC0711693-4 [2]	MC0711693-1	MC0711693-4 [2]	SRTEM1
180H[1],J[1]	18052216 thru 18052500	MC0711693-8	MC0711693-6 [2]	MC0711693-8	MC0711693-6 [2]	SRTEM1
180J[1]	18052501 thru 18052620	MC0711693-8	MC0711693-7 [2]	MC0711693-8	MC0711693-7 [2]	SRTEM1
180J[1],K	18052621 thru 18053203	MC0711693-9 [2]	MC0711693-11 [2]	MC0711693-10 [2]	MC0711693-7 [2]	SRTEM1
182, 182A,B,C,D	33000 thru 18253598	MC0511293-1	MC0511293-3 [2]	MC0511293-4	MC0511293-2 [2]	SRTEM1
182E,F,G,H, J,K,L,M,N[1]	18253599 thru 18260445	MC0710618-1	MC0710618-5 [2]	MC0710618-4	MC0710618-6 [2]	SRTEM1
182N[1],P,Q,R/T182	18260446 thru 18268615	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	SRTEM1
A182J,K,L,M,N	A1820001 thru A1820148	MC0710618-1	MC0710618-5 [2]	MC0710618-4	MC0710618-6 [2]	SRTEM1
F182P,Q	F18200001 thru F18200169	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	SRTEM1
F182RG	FR18200001 thru FR18200070	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	SRTEM1
R182/TR182	R18200001 thru R18202041	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	MC0710658-2 [2]	SRTEM1
185,A,B,C,D[1]	1850001 thru 1850806	MC0511000-68	MC0511000-69 [2]	MC0511000-68	MC0511000-70 [2]	SRTEM1
185D[1],E, A185E[1]	1850807 thru 18501599	MC0711693-1	MC0711693-2 [2]	MC0711693-1	MC0711693-2 [2]	SRTEM1
A185E[1]	18501600 thru 18501954	MC0711693-1	MC0711693-4 [2]	MC0711693-1	MC0711693-4 [2]	SRTEM1
A185E[1], A185F[1]	18501955 thru 18502565	MC0711693-8	MC0711693-6 [2]	MC0711693-8	MC0711693-6 [2]	SRTEM1
A185F[1]	18502566 thru 18502838	MC0711693-8	MC0711693-7 [2]	MC0711693-8	MC0711693-7 [2]	SRTEM1
A185F[1]	18502839 thru 18504448	MC0711693-9 [2]	MC0711693-11 [2]	MC0711693-10 [2]	MC0711693-7 [2]	SRTEM1
A188B	18800944 thru 18803968T	Left- MC1613423-3 [2]		Right- MC1613423-3 [2]		SRTEM1
T188C	T18803307T thru T18803968T	Left- MC1613423-3 [2]		Right- MC1613423-3 [2]		SRTEM1
190, 195	7001 thru 7999	MC0311715-4 [2]	MC0311715-3 [2]	MC0311715-3 [2]	MC0311715-4 [2]	SRTEM1
190, 195	16000 thru 16183	MC0311715-4 [2]	MC0311715-3 [2]	MC0311715-3 [2]	MC0311715-4 [2]	SRTEM1
210-5 (205), 210-5A (205A)	All	MC1210408-1 (Center) MC1211642-5	MC1210408-5 [2] (Center) MC1211642-3	MC1210408-4 (Center) MC1211642-4	MC1210408-6 [2] (Center) MC1211642-8	SRTEM1 SRTEM1
206	2060001 thru 2060275	MC1210408-1 (Center) MC1211642-5	MC1210408-5 [2] (Center) MC1211642-3	MC1210408-8 (Center) MC1211657-1	MC1210408-6 [2] (Center) MC1211642-8 (Rear Fwd Aft) MC1211671-1	SRTEM1 SRTEM1 SRTEM1

Continued on next page

Seat Rails for Cessna Aircraft continued from previous page

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
U206, U206A,B,C,D TU206A,B,C,D	U206-0276 thru U206-1444	MC1210408-1	MC1210408-5 [2]	MC1210408-8	MC1210408-6 [2]	SRTEM1
		(Center) MC1211642-5	(Center) MC1211642-3	(Center) MC1211657-1 (Rear Fwd Aft) MC1211671-1	(Center) MC1211642-8	SRTEM1
P206A,B,C,D TP206A,B,C,D	All	MC1210408-1	MC1210408-5 [2]	MC1210408-4	MC1210408-6 [2]	SRTEM1
		(Center) MC1211642-5	(Center) MC1211642-3	(Center) MC1211642-4	(Center) MC1211642-8	SRTEM1
U206E[1], TU206E[1]	U20601445 thru U20601587	MC1210408-1	MC1210408-5 [2]	MC1210408-8	MC1210408-6 [2]	SRTEM1
		(Center) MC1211642-5	Not available	(Center) MC1211657-1	(Center) MC1211642-8	SRTEM1
	U20601588 thru U20601604	Not available	MC1210408-21 [2]	MC1210408-14	MC1210408-12 [2]	SRTEM1
		(Center) MC1211642-5	Not available	(Center) MC1211657-1	(Center) MC1211642-8	SRTEM1
	U20601605 thru U20601618 and U2061633	Not available	MC1210408-21 [2]	MC1210408-14	MC1210408-12 [2]	SRTEM1
		(Center) MC1211642-11	(Center) MC1211642-13	(Center) MC1211657-2	(Center) MC1211642-12	SRTEM1
		(Rear) MC1211782-7	(Rear) MC1211783-3	(Rear) MC1211785-2	(Rear) MC1211782-8	SRTEM1
	U20601619 thru U20601632	Not available	MC1210408-21 [2]	MC1210408-14	MC1210408-12 [2]	SRTEM1
		(Center) MC1211642-5	Not available	(Center) MC1211657-1	(Center) MC1211642-8	SRTEM1
	U20601634 thru U20601700	Not available	MC1210408-21 [2]	MC1210408-14	MC1210408-12 [2]	SRTEM1
		Not available	(Center) MC1211642-13	Not available	Not available	SRTEM1
P206E, TP206E	All	MC1210408-1	MC1210408-5 [2]	MC1210408-4	MC1210408-6 [2]	SRTEM1
		(Center) MC1211642-5	Not available	Not available	(Center) MC1211642-8	SRTEM1
U206F, TU206F	U20601701 thru U2063521	Not available	MC1210408-21 [2]	MC1210408-14	MC1210408-12 [2]	SRTEM1
		(Center) MC1211642-11	(Center, w/ camera) MC1211642-13	(Center) MC1211657-2	(Center) MC1211642-12	SRTEM1
		(Rear) MC1211782-7	(Rear, w/ camera) MC1211783-3	(Rear, w/ camera) MC1211785-2	(Rear) MC1211782-8	SRTEM1
U206G[1], TU206G[1]	U20603522 thru U20604120, U20604122 thru U20604133, U20604135 thru U20604137, U20604139 thru U20604146, U20604149 thru U20604151, U20604155 thru U20604157, U20604159 thru U20604160, U20604162 thru U20604171, U20604173 thru U20604176, U20604178 thru U20604179, U20604181 thru U20604183, U20604185	MC1210408-18 [2]	MC1210408-21 [2]	MC1210408-17 [2]	MC1210408-12 [2]	SRTEM1
		(Center) MC1211642-11	(Center, w/ camera) MC1211642-13	(Center) MC1211657-2	(Center) MC1211642-12	SRTEM1
		(Rear) MC1211782-7	(Rear, w/ camera) MC1211783-3	(Rear, w/ camera) MC1211785-2	(Rear) MC1211782-8	SRTEM1
	U20604186 thru U20604188 U20604191 thru U20604199	MC1210408-18 [2]	MC1210408-21 [2]	MC1210408-17 [2]	MC1210408-12 [2]	SRTEM1
		Not available	(Center, w/ camera) MC1211642-13	Not available	Not available	SRTEM1
		Not available	(Rear, w/ camera) MC1211783-3	(Rear, w/ camera) MC1211785-2	Not available	SRTEM1
	U20604121, U20604134, U20604138 U20604147 thru U20604148, U20604152 thru U20604154, U20604158, U20604161, U20604184 U20604189 thru U20604190, U20604200 thru U20605309	MC1210408-18 [2]	MC1210408-21 [2]	MC1210408-17 [2]	MC1210408-12 [2]	SRTEM1
		(Center) MC1211871-3	(Center, w/ camera) MC1211871-1	(Center, w/ camera) MC1211871-2	(Center) MC1211871-4	SRTEM1
		(Rear, w/ Club) MC1211875-3	(Rear, w/ camera) MC1211875-1	(Rear, w/ camera) MC1211875-2	(Rear, w/ Club) MC1211875-4	SRTEM1

Continued on next page

Seat Rails for Cessna Aircraft continued from previous page

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
U206G[1], TU206G[1]	U20604172, U20604177, U20604180	MC1210408-18 [2]	MC1210408-21 [2]	MC1210408-17 [2]	MC1210408-12 [2]	SRTEM1
		Not available	(Center, w/ camera) MC1211871-1	(Center, w/ camera) MC1211871-2	Not available	SRTEM1
		(Rear, w/ Club) MC1211875-3	(Rear, w/ camera) MC1211875-1	(Rear, w/ camera) MC1211875-2	(Rear, w/ Club) MC1211875-4	SRTEM1
	U20605310 thru U20607020	MC1210408-24 [2]	MC1210408-21 [2]	MC1210408-23 [2]	MC1210408-12 [2]	SRTEM1
		(Center) MC1211871-3	(Center, w/ camera) MC1211871-1	(Center, w/ camera) MC1211871-2	(Center) MC1211871-4	SRTEM1
		(Rear, w/ Club) MC1211875-13	(Rear, w/ camera) MC1211875-11	(Rear, w/ camera) MC1211875-12	(Rear, w/ Club) MC1211875-14	SRTEM1
207[1], T207[1]	20700001 thru 20700215	MC1210408-1	MC1210408-9 [2]	Not Available	MC1210408-6 [2]	SRTEM1
207[1], T207, 207A[1], T207A[1]	20700216 thru 20700562	MC1210408-18 [2]	MC1210408-15 [2]	MC1210408-16 [2]	MC1210408-12 [2]	SRTEM1
		(Center) MC1212863-7	(Center, w/ camera) MC1212863-9	(Center w/ camera) MC1212,863-6	(Center) MC1212863-8	SRTEM4
		(Rear Inboard) MC1211782-7	(Rear Outboard, w/ camera) MC1211783-3		(Rear Inboard) MC1211782-7	
207A[1], T207A[1]	20700563 thru 20700788	MC1210408-24 [2]	MC1210408-15 [2]	MC1210408-22 [2]	MC1210408-12 [2]	SRTEM1
		(Center) MC1212863-13	(Center, w/ camera) MC1212863-11	(Center, w/ camera) MC1212863-10	(Center) MC1212863-12	SRTEM4
		(Rear) MC1211875-13	(Rear) MC1211875-11	(Rear) MC1211875-12	(Rear) MC1211875-14	SRTEM1
210, 210A	21057001 thru 21057840	Not Available	MC1210025-3 [2]	Not Available	MC1210025-2 [2]	SRTEM1
210B,C,D,E,F,G,H,J	21057841 thru 21059199	MC1210408-1	MC1210408-5 [2]	MC1210408-4	MC1210408-6 [2]	SRTEM1
210K,L[1]/ T210K,L[1]	21059200 thru 21060539	Fwd MC1210520-11 [2] Removable MC1210520-3	Fwd MC1210520-9 [2]	Fwd MC1210520-12 [2]	Fwd MC1210520-2 [2] Removable MC1210520-4 [2]	SRTEM1
210L[1], M/T210L[1],M	21060540 thru 21062954	Fwd MC1210520-11 [2] Removable MC1210520-3	Fwd MC1211514-1 [2]	Fwd MC1211514-1 [2]	Fwd MC1210520-2 [2] Removable MC1210520-4 [2]	SRTEM1
210N, R/T210N,R	21062955 thru 21065009	Fwd MC1210520-15 [2]	Fwd MC1211514-2 [2]	Fwd MC1211514-2 [2]	Fwd MC1210520-16 [2]	SRTEM1/3
P210N[1]	P21000001 thru P21000150	Fwd MC1210520-11 [2] Removable MC1210520-3	Fwd MC1211514-1 [2]	Fwd MC1211514-1 [2]	Fwd MC1210520-2 [2] Removable MC1210520-4 [2]	SRTEM1
P210N[1],R	P21000151 thru P21000874	Fwd MC1210520-15 [2]	Fwd MC1211514-2 [2]	Fwd MC1211514-2 [2]	Fwd MC1210520-16 [2]	SRTEM1/3
T210F,G,H,J	T2100001 thru T2100454	MC1210408-1	MC1210408-5 [2]	MC1210408-4	MC1210408-6 [2]	SRTEM1
305A,B,C,D,E,F	All	Front Seat Left- MC0611134-3 [2]		Front Seat Right- MC0611134-2 [2]		SRTEM1
Most 310 and 320	Cessna Manufactured	Left- 0812200-125		Right- 0812200-126		SRTEM1

[1] Partial model eligibility
[2] These rails have seat adjust holes

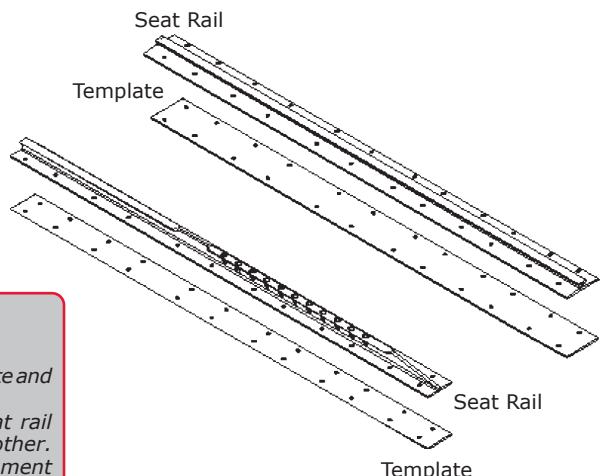
Templates for Cessna Seat Rails

Templates make the job of transferring the original rivet hole pattern from the old seat rail to the new seat rail easy!

- Inexpensive
- Achieve a precise fit every time

P/N	Dimensions
SRTEM1	1.5" X 38" X .025"
SRTEM2	2.25" X 30" X .025"
SRTEM3	1.5" X 58.63" X .025"

One template per seat rail is required



To use the templates:

1. Clamp the template to your old seat rail.
2. Drill holes through the holes in the old seat rail into the template.
3. Clamp the template to the new seat rail and drill several holes through the template and new seat rail.
4. Set the new seat rail in position in the aircraft and check for proper seat rail alignment. The seat rails must be properly aligned and parallel with each other.
5. Clamp the templates again to the new seat rail and make any required alignment adjustments discovered during the aircraft test installation.
6. Drill all of the required holes through the template and the new seat rail.

Models 150-152 and 190-195 do not require templates as the screw holes are pre-drilled.
See seat rail eligibility for the template for your seat rails.

Seat Rail Wear Gauge for Cessna Aircraft

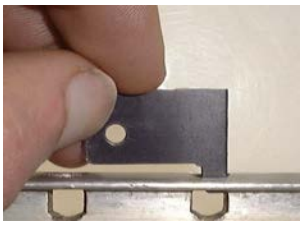
Checks seat rail wear limits as per FAA AD 2011-10-09 Seat Rail Directive

- Precision machined heat treated steel
- Best way to check seat rails for the limits defined by FAA AD 2011-10-09
- Save time and $$$

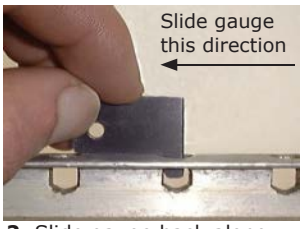
The McFarlane Seat Rail Wear Gauge is designed to check for seat rail pin engagement hole wear on Cessna aircraft, as required by FAA AD 2011-10-09.

This gauge is designed to measure the actual radius wear near the seat stop holes and allows for the 0.020" upper surface wear permitted by the AD.

Fast and positive!
No more guessing



1. Place the gauge into each hole location showing wear.



2. Slide gauge back along **top center** of the rail until it contacts the hole edge. Make sure to keep the gauge parallel and square to the unworn rail surface.



3. If the step touches the rail, lifting the gauge up, the wear is less than 0.42.
If the step **does not** touch the rail, the wear is more than 0.42 and the seat rail must be replaced.





Seat Rail Rivet and Screw Kits

We offer either rivets or screws as convenient kits containing AN and MS hardware. Many of the rivets required to attach the seat rail are difficult to install, so it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi with lock nuts provided. The holes are ream fit and spotfaced. Each kit contains enough rivets or screws to install four seat rails. They do not contain all required hardware for Cessna model 177 seat rails (one kit will install two rails). **Installation hardware items are also available separately.**



FAA General Aviation Airworthiness Information Bulletin CE-90-03R2, 08/26/2002 Original Issue 01/16/1991

This alert gives direction for replacement of seat rails on most Cessna airplanes as required by AD 87-20-03R2. It advises all specified owners and operators to install all required fasteners when seat rails are being replaced.

Many seat rails are manufactured with pilot holes only and do not contain all holes required for installation in the airplane. Therefore, the installer must assure there are sufficient holes to accommodate all required fasteners.

Note these recommendations:

1. When replacing a seat rail, note the number and location of all fastener holes on the seat rail being removed.
2. Match these holes against the holes in the replacement seat rail. If the replacement seat rail does not have all of the same holes at the same locations, they must be drilled.
3. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi.

Example of such screws are AN515, AN520, AN525, MS35206, MS35207, MS35214, MS35215, MS35218, MS35219, MS51957 or MS51958 with lock nuts, provided the holes are ream fit and spotfaced.

For further information contact your local FAA office.

Screw Kit eligibility on next page!

P/N RIVET KIT 1 **Assortment of MS20470 1/8" and 5/32" universal head rivets**	
Cessna Model	**Serial Number**
FRA150L,M	All
170, 170A,B	All
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,RG	All
F172D,E,F,G,H,K,L,M,N	All
F172P	F17202040 thru F17202238
FP172	All
FR172E,F,G,H	All
FR172J	FR17200351 thru FR17200559, FR17200562 and on
FR172K	All
P172D	All
R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K	All
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q	All
182R	18267716 thru 18268441, 18268542 thru 18268615
F182P	All
F182Q	F18200026 thru F18200129
FR182	All
R182	All
T182	18267716 thru 18268333, 18268384 thru 18268615
TR182	All
185, 185A,B,C,D,E	All
A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195 (LC-126A,B,C)	All
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207, T207A	All
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, P210N,R, T210F,G,H,J,K,L,M,N,R	All

Seat Rail Rivet and Screw Kits continued from previous page

Each kit contains enough rivets or screws to install four seat rails. They do not contain all required hardware for Cessna model 177 seat rails (one kit will install two rails). **Installation hardware items are also available separately.**



P/N SR150-SCREW-KT Contains #10 screws and hardware
Cessna Model
150, 150A,B,C,D,E,F,G,H,J,K,L,M
A150K,L,M, A-150L
F150F,G,H,J,K,L,M
FA150K,L
FA150L,M (when equipped with FKA150-2311 & FKA150-2316)
FRA150L,M
152, A152, F152, FA152

How do I know which screw kit to use? SR6 or SR8?
The screw kit depends on whether the holes in the floor of your airplane have been carefully removed and are close to new size, or if they have been enlarged by unskilled rivet removal or the rails have been changed before. It will make a difference if the previous rails installed were Cessna rails with predrilled holes in the rail. (They do not normally line up well and the floor has been slightly mis-drilled to force alignment). If the holes are good, use SR6-SCREW-KT kit. If the holes are enlarged, use SR8-SCREW-KT kit.

P/N SR6-SCREW-KT Contains #6 and #8 screws and hardware	
Cessna Model	**Serial Number**
170, 170A,B	All
172, 172A,B,C,D,E,F,G, H,I,K,L,M,N,P,Q,RG, F172D,E,F,G,H,K,L,M,N,P	All
FP172	F17202040 thru F17202238
FR172E,F,G,H	All
FR172J	F17202040 thru F17202238
FR172K	All
P172D, R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K,	All
182, 182A,B,C,D,E,G,H, J,K,L,M,N,P,Q	All
182R	18267716 thru 18268368, 18268334 thru 18268441, 18268542 thru 18268615
F182P,Q, FR182, R182	All
T182	18267716 thru 18268333, 18268384 and on
TR182	All
185, 185A,B,C,D,E, A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195	16000 thru 161683
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207	All
T207A	20700363 thru 20700767, 20700769 and on
210, 210A,B,C,D,E,F,G,H, J,K,L,M,N,R, T210F,G,J,K,L,M,N,R	All

P/N SR8-SCREW-KT Contains #8 screws and hardware	
Cessna Model	**Serial Number**
170, 170A,B	All
172, 172A,B,C,D,E,F,G, H,I,K,L,M,N,P,Q,RG, F172D,E,F,G,H,K,L,M,N,P	All
FP172	F17202040 thru F17202238
FR172E,F,G,H	All
FR172J	F17202040 thru F17202238
FR172K	All
P172D, R172K	All
175, 175A,B,C	All
180, 180A,B,C,D,E,F,G,H,J,K,	All
182, 182A,B,C,D,E,G,H, J,K,L,M,N,P,Q	All
182R	18267716 thru 18268441, 18268542 thru 18268615
F182P,Q, FR182, R182	All
T182	18267716 thru 18268333, 18268384 and on
TR182	All
185, 185A,B,C,D,E, A185E,F	All
A188B	18800944 and on
A188B (w/ large hopper)	18800944T and on
T188C	T18803307T thru T18803968T
190	7001 thru 7999
195	16000 thru 161683
210-5 (205), 210-5A (205A)	All
206, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	All
207, 207A, T207, T207A	All
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, T210F,G,J,K,L,M,N,R	All



Spotface Kit

Kit P/N SPOTFACE KIT

Contains a tool used with an electric drill to make a flat spot for screws. Cutter comes with three pilots.

Components sold as a kit or separately by part number.

Spotface Kit Components:	
Description	**Part Number**
Cutter	6080
1/8" Pilot	6078
5/32" Pilot	6076
3/16" Pilot	6077
Pouch	6090

Now modified for rail cap clearance!





Pilot/Copilot Seat Rail Repair Kit for Cessna Citation Aircraft

P/N MCSK101

Save time and money!

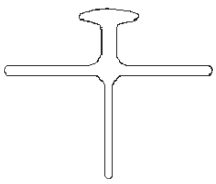
McFarlane has created a patented solution, using input from Citation mechanics and our extensive experience with Cessna seat rails. Eligible for installation on all Cessna 500 and 501 series aircraft.

- FAA-PMA/STC approved
- Stronger than the Cessna splice repair
- No splice kit needed
- Makes future replacements bolt-in only
- Complete installation tool kit may be purchased or rented
- No cutting or riveting below the floor level

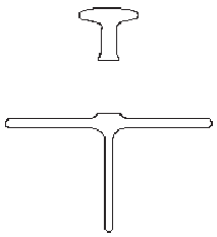
Patent Number 7,168,674 B2



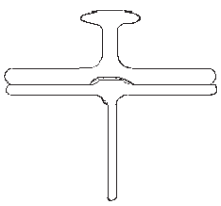
Original Cessna Seat Rail Extrusion



Cut the rail cap off using the McFarlane tool kit



Bolt the McFarlane replacement seat rail to the Cessna extrusion



Crew Rails and Cargo Tracks for Cessna Caravan

The leading manufacturer of seat rails now has PMA approval on rails and tracks for 208 series!

- FAA-PMA direct replacements
- Improved thickness and stability
- Fits all Cessna 208/208B aircraft
- Anodized for superior wear and corrosion resistance
- Polyurethane undercoating for optimal corrosion resistance

See eligibility in the Caravan section of our catalog!



With two versions available, drilled or undrilled, McFarlane seat rails will meet your needs.
McFarlane offers the Seat Rails with the rivet holes drilled in the bottom flange, and in an "S" suffix part number which has the rivet holes in the flange omitted. This undrilled version allows for easier installation in a replacement part situation as it allows the installer to match drill the original holes from the frame/aircraft to the seat rail.
Example P/N MC2601088-1 (drilled) and P/N MC2601088-1S (undrilled).

Seat Rail for Piper Aircraft

P/N MC62557-004 (seat rail - used in all positions)

Save $$$

- Direct replacement - used in all positions
- Precision machined
- Gold anodized for corrosion resistance
- Dry lubricant applied for long service life
- They are prettier too!



Eligibility on the following page!

Seat Rollers and Bushings for Piper Aircraft

Newly added P/N CA65003-047 and P/N CA95061-106 Bushings!

- Direct replacement
- Save $$$



P/N CA18968-000



P/N CA87332-002



Bushing



P/N MS24462-4 also available!

Seat Rail, Rollers, and Bushings for Piper Aircraft
continued from previous page



P/N CA18968-000



P/N CA87332-002



Bushing

Model	Serial Number	Seat Rail MC62557-004	Seat Roller CA18968-000 Small roller: 0.42" OD	Seat Roller CA87332-002 Large roller — 0.62" OD	Seat Bushing CA41413-038 Bushing — 0.3060" OD	Seat Bushing CA65003-047 Bushing — 0.3052" OD	Seat Bushing CA95061-106 Bushing — 0.3049" OD
PA-23, PA-23-160	All		•				
PA-23-235	All		•		•		
PA-23-250	27-1 thru 27-3836, 27-3838 thru 27-3943				•		
	27-3837, 27-3944 thru 27-7554168, 27-7654001 and on		•		•		
PA-24-250, 400	All		•				
PA-24-260	24-3462 thru 24-4246, 24-4248 thru 24-4299		•				
	24-4247, 24-4300 and on		•		•		
PA25, PA25-235	25-1 thru 25-4171				•		
PA-28-140	28-20002 thru 28-26400[2], 28-26401 thru 28-26956[2][3] 28-26957 thru 28-7125000[3]	•	[1]	[1]		•	
	28-7125001 thru 28-7325684[3]	•	[1]	[1]		•	•
	28-7325685 thru 28-7625235	•	[1]	[1]			•
	28-7625236 and on	•	[1]	[1]			
PA-28-150, PA-28-160	All[2]	•	[1]	[1]		•	
PA-28-151, 161	All	•	[1]	[1]			•
PA-28-180	28-671 thru 28-5600[2], 28-5601 thru 28-5869[2][3], 28-5870 thru 28-7105000	•	[1]	[1]		•	
	28-7105001 thru 28-7305611[3]	•	[1]	[1]		•	•
	28-7305612 and On	•	[1]	[1]			•
PA-28R-180	28R-30005 thru 28R-31250[2] (except 28R-30482), 28R-31251 thru 28R-31279[2][3], 28R-31280 thru 28R-7130000[3]	•	[1]	[1]		•	
	28R-7130001 thru 28R-7130019[3]	•	[1]	[1]		•	•
	28R-7130020 and On	•	[1]	[1]			•
PA-28-181	28-7690001 to 28-7690385[2][3], 28-7690386 thru 28-8290188[3], 28-8390001 and on[3], 2890206 and on[3], 2843001 and on[3], 2881001 and on[3]	•	[1]	[1]			•
PA-28R-200	28R-30482[2], 28R-35001 thru 28R-35600[2], 28R-35601 thru 28R-35830[2][3], 28R-35831 thru 28R-7135000[3]	•	[1]	[1]		•	
	28R-7135001 thru 28R-7335455[3], 28R-7335456 thru 28R-7635328	•	[1]	[1]		•	•
	28R-7635329 and on	•	[1]	[1]			•
PA-28-201T	All	•	•				•
PA-28R-201, 201T	All	•	•			•	•
PA-28RT-201, 201T	All	•	[1]	[1]		•	•
PA-28-235	28-10003 thru 28-11300[2], 28-11301 thru 28-11393[2][3], 28-11394 thru 28-7110000[3]	•	[1]	[1]		•	
	28-7110001 thru 28-7310187[3]	•	[1]	[1]		•	•
	28-7310188 thru 28-7610138	•	[1]	[1]			•
	28-7610139 and on	•	[1]	[1]			
PA-28-236	All	•	[1]	[1]			•
PA-30	30-1 thru 30-852, 30-854 thru 30-901		•				
	30-853, 30-902 and on		•		•		
PA-31-300, 325	All		•		•		
PA-31-350, PA-31P, PA-31P-350, PA-31T, 31T1, 31T2, 31T3	All		•		•		
PA-32-260	32-1251 thru 32-7300076[3]	•	[1]	[1]		•	•
	32-7300077 and On	•	[1]	[1]			•
PA-32-300	32-40851 thru 32-7340201[3]	•	[1]	[1]		•	•
	32-7340202 and on	•	[1]	[1]			•
PA-32-301,301T	All	•	[1]	[1]			•
PA-32R-300,301,301T, PA-32RT-300, 300T	All	•	[1]	[1]		•	•
PA-34-200[4],200T,220T	All	•	[1]	[1]		•	•
PA-39, PA-42, PA-42-720, PA-42-1000	All		•		•		
PA-44-180 180T	All	•	•			•	•
PA-46-310P, PA-46-350P (w/ G1000)	All			•			•
PA-46-500TP	4697001, 4697003 thru 4697339 and 4697341 thru 4697398						•
PA-46R-350T	All						•

[1] To determine your roller, verify the outer diameter at the center of the roller: 0.42" use P/N CA18968-000, 0.62" use P/N CA87332-002.
[2] Standard seats
[3] Vertically adjustable front seats
[4] Used if the seat assembly incorporates a "U" shaped handle for the seat track release mechanism.

Seat Roller Kits for Cessna Aircraft

Now also approved for 300-400 series aircraft!

McFarlane seat parts were developed to assist in complying with the parts replacement requirements of FAA Airworthiness Directive 87-20-03. This AD requires the periodic inspection and replacement of seat components of the entire Cessna light aircraft fleet. Our parts are direct replacements for the wear related seat components. All parts are available individually or as convenient kits.

Rollers

- Fabricated from molydisulfide filled nylon for improved strength and self-lubrication
- Fully machined from extruded stock for a finer surface finish and higher strength



Bushings

- Machined from alloy steel
- Longer life
- Greater wear resistance



Washers

- Super tough acetyl plastic
- Resists wear and aging
- MC1714000-41 full round washer also available



Choose the Correct Kit

The seat related replacement parts are not serial number specific, as the type of seat installed in the aircraft was optional when the aircraft was ordered from the factory. A common seat configuration is the pilot seat being "articulating" or "infinitely adjustable" while the co-pilot seat is the "standard" or "vertically adjustable" style. ***One kit per seat is required.***

The most positive way to ensure that you are choosing the proper seat kit for your aircraft is to measure the rollers.

SEAT-KT-1

Roller diameter approximately 1 3/8" This kit is used with the "infinitely adjustable" or "articulating" seats installed in Cessna single engine aircraft from 1963 thru 1986. Two adjustment crank handles identify this seat. The backrest angle is adjusted with a crank. It is also used with some 336-337 series aircraft. The SEAT-KT-1 contains the same components as four of the Cessna 1714000K200 kits.

All seats in the 177 Cardinal will use the large seat roller and require this kit. These parts are not used on models 150-152.

(8) MC1714000-22 Washer
(4) MCS1704-1 Roller
(4) MC1414104-54 Bushing



SEAT-KT-2

Roller diameter approximately 5/8"

This kit is used with the "Standard" or "Vertically adjustable" seat installed in Cessna single engine aircraft from 1963 through 1986. This seat is identified by one or no adjustment crank handles. The seat back angle is adjusted with a lever on the side of the seat back. It is also used with some 336-337 series aircraft. The SEAT-KT-2 contains the same components as four of the Cessna 1414100-212 kits.

These parts are not used on C150-152.

(8) MCS1554-1 Washer
(4) MCS1551-1 Roller
(4) MC1414104-54 Bushing



SEAT-KT-3

Roller diameter approximately 7/8" with no wear washers

This kit is used with all Cessna 150-152 seats and all Cessna single engine aircraft built before 1963. *A welded steel tubing seat frame easily identifies these seats.* It is also used with some Cessna twin engine aircraft.

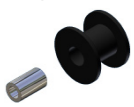
(4) MC0311310 Roller
(4) MC0311586 Bushing



Obsolete Roller 1964-1965

Cessna aircraft manufactured in 1964 and 1965 had a spool shape roller with a smaller bushing. Use SEAT-KT-2 to replace this style roller.

The complete kit must be used, as the bushing size is different.



Seat Roller Housings

FAA-PMA approved for Cessna aircraft **Save $$$**

- Anodized for improved wear and corrosion resistance
- Precision machined with perfected dimensions for smooth installation and operation
- FAA-PMA direct replacement
- Seat roller housings for most single engine Cessna and Skymaster
- Replace out of spec housings as required by FAA AD 2011-10-09
- Convenient flowchart to determine correct housings for your aircraft



P/N MC1200603-42



P/N MC1414104-61B

Housing/Bracket Assembly: P/N's with B suffix

Save time and $$$ with housing/bracket assemblies. Most housings with a locking pin hole are available with or without the MC1414104-8 bracket. Just add a "B" suffix to the housing part number to buy the complete assembly.

We highly recommend buying complete assemblies. The bracket rivet spacing is very close making riveting difficult without special tooling. Bracket also available separately.

Typical seat roller housing



Typical seat roller housing-bracket assembly





Bracket P/N MC1414104-8



P/N MC0700645-4



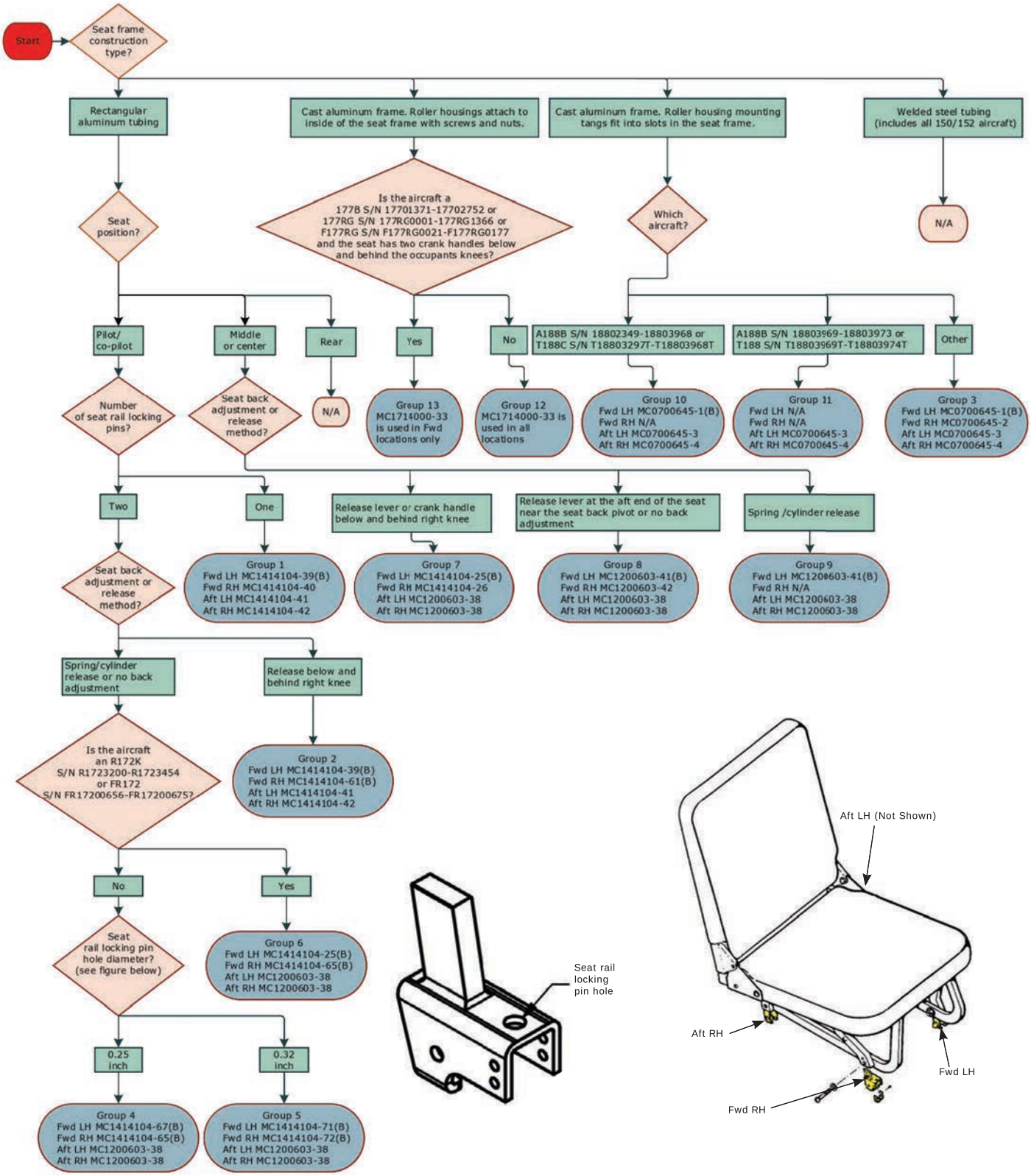
P/N MC1714000-33

Full assemblies save time! The old bracket does not have to be removed and reinstalled.

Flowchart to determine correct housings on the following page

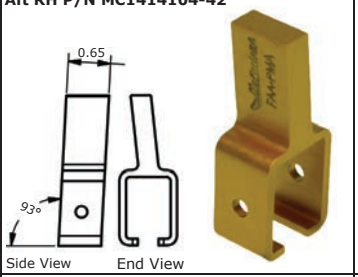
Need help selecting the correct housing for your seat?

With over two dozen part numbers and many different seat options, this can be very challenging.
Only McFarlane has a convenient flowchart to make it easy!

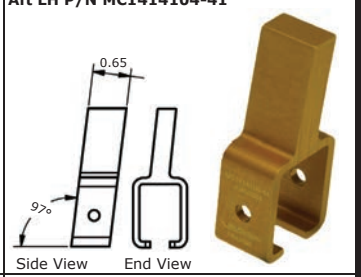


Group 1

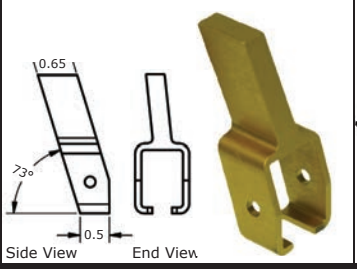
Aft RH P/N MC1414104-42



Aft LH P/N MC1414104-41

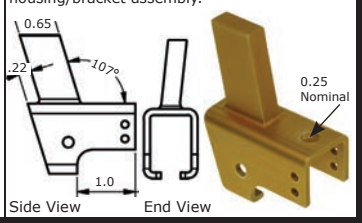


Fwd RH P/N MC1414104-40



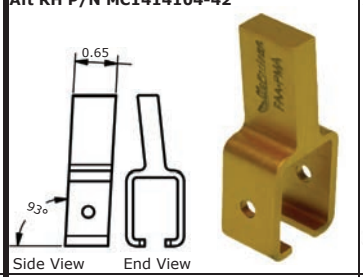
Fwd LH P/N MC1414104-39

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

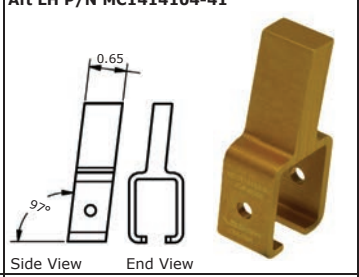


Group 2

Aft RH P/N MC1414104-42

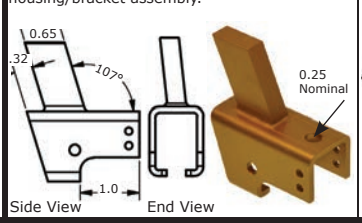


Aft LH P/N MC1414104-41



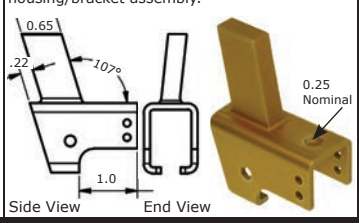
Fwd RH P/N MC1414104-61

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.



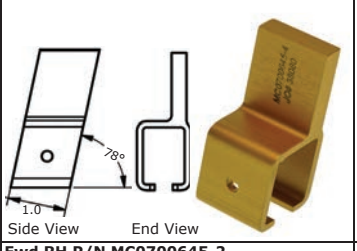
Fwd LH P/N MC1414104-39

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

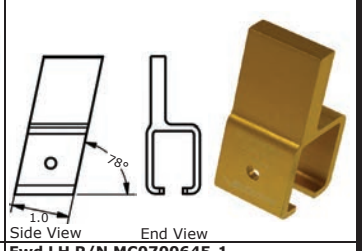


Group 3

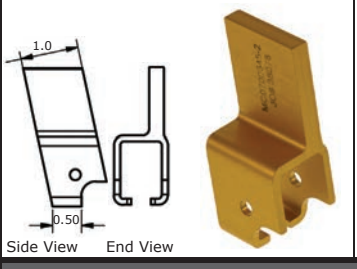
Aft RH P/N MC0700645-4



Aft LH P/N MC0700645-3

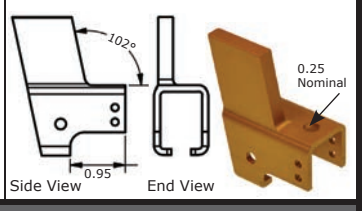


Fwd RH P/N MC0700645-2



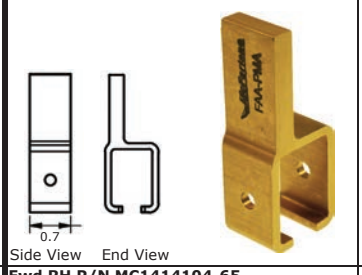
Fwd LH P/N MC0700645-1

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

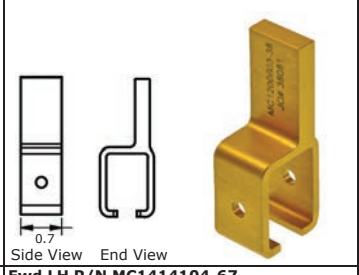


Group 4

Aft RH P/N MC1200603-38

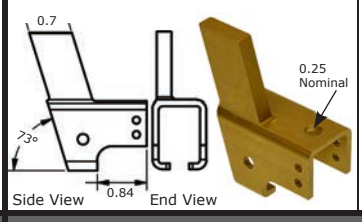


Aft LH P/N MC1200603-38



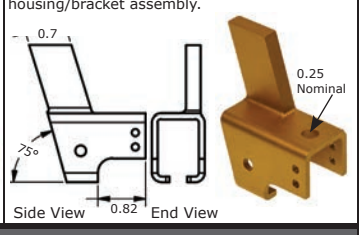
Fwd RH P/N MC1414104-65

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.



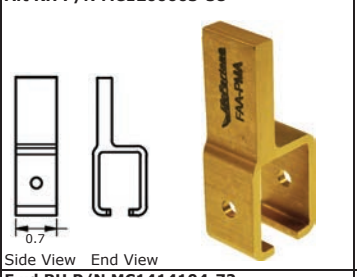
Fwd LH P/N MC1414104-67

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

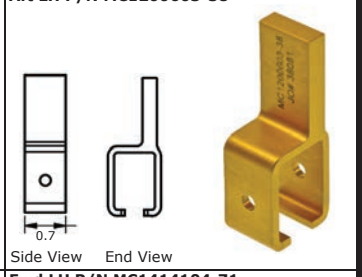


Group 5

Aft RH P/N MC1200603-38

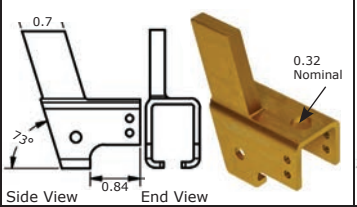


Aft LH P/N MC1200603-38



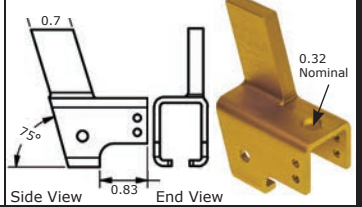
Fwd RH P/N MC1414104-72

P/N 2514044-2 bracket used with this housing is not available from McFarlane at this time.



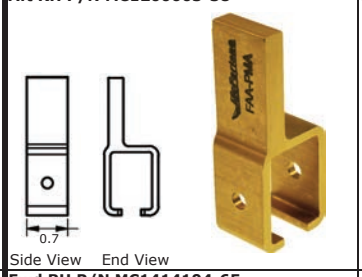
Fwd LH P/N MC1414104-71

P/N 2514044-2 bracket used with this housing is not available from McFarlane at this time.

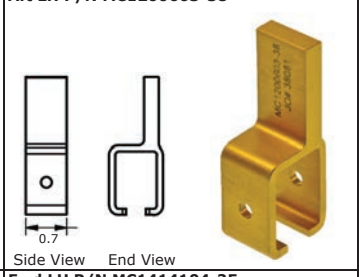


Group 6

Aft RH P/N MC1200603-38

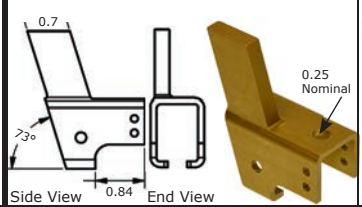


Aft LH P/N MC1200603-38



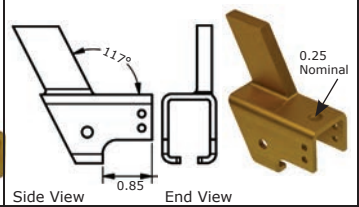
Fwd RH P/N MC1414104-65

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.



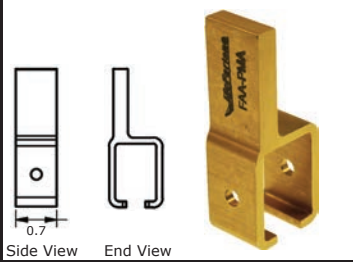
Fwd LH P/N MC1414104-25

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

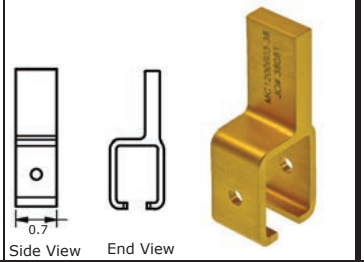


Group 7

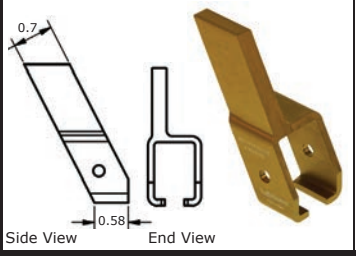
Aft RH P/N MC1200603-38



Aft LH P/N MC1200603-38

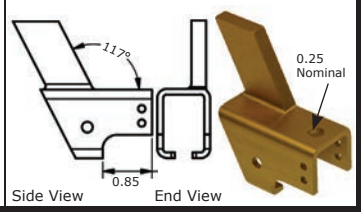


Fwd RH P/N MC1414104-26



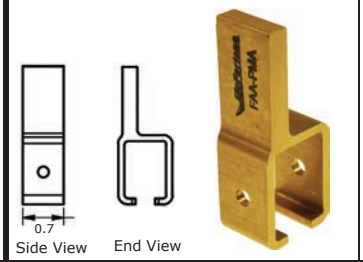
Fwd LH P/N MC1414104-25

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

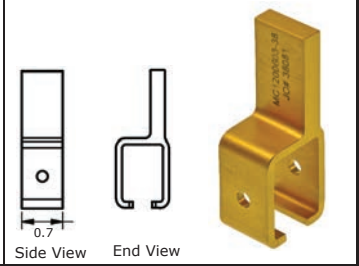


Group 8

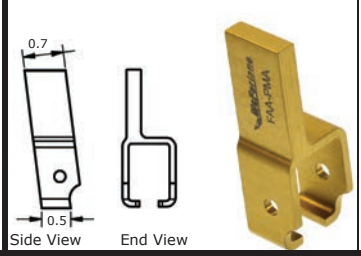
Aft RH P/N MC1200603-38



Aft LH P/N MC1200603-38

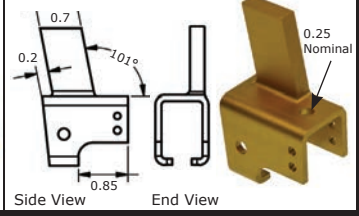


Fwd RH P/N MC1200603-42



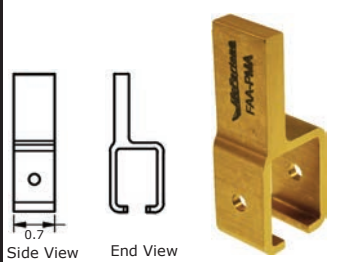
Fwd LH P/N MC1200603-41

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

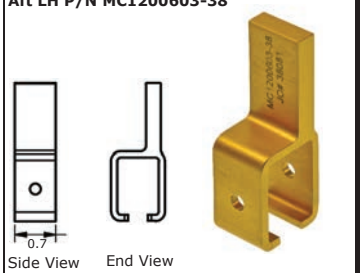


Group 9

Aft RH P/N MC1200603-38



Aft LH P/N MC1200603-38

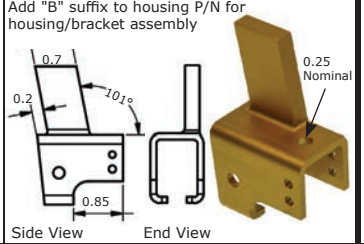


Fwd RH

N/A

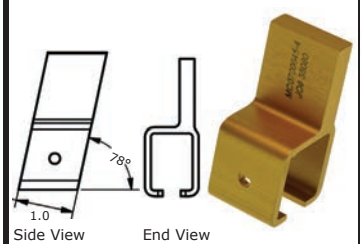
Fwd LH P/N MC1200603-41

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly

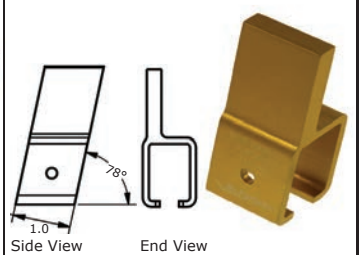


Group 10

Aft RH P/N MC0700645-4



Aft LH P/N MC0700645-3

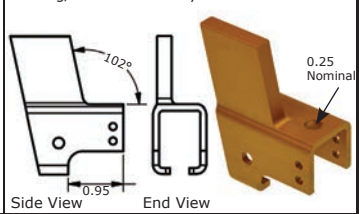


Fwd RH

N/A

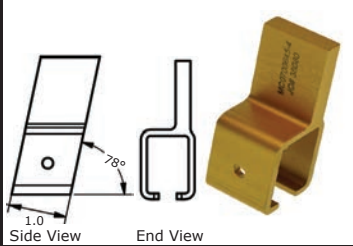
Fwd LH P/N MC0700645-1

P/N MC1414104-8 bracket available.
Add "B" suffix to housing P/N for housing/bracket assembly.

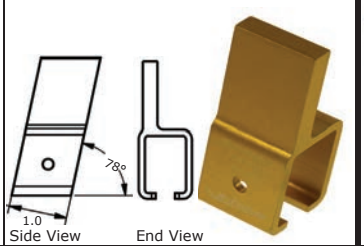


Group 11

Aft RH P/N MC0700645-4



Aft LH P/N MC0700645-3



Fwd RH

N/A

Fwd LH

N/A

Group 12

Aft RH P/N MC1714000-33



Aft LH P/N MC1714000-33



Fwd RH P/N MC1714000-33



Fwd LH P/N MC1714000-33



Group 13

Aft RH

N/A

Aft LH

N/A

Fwd RH P/N MC1714000-33



Fwd LH P/N MC1714000-33



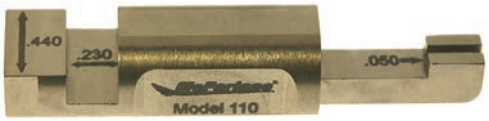
Seat Roller Housing Gauge for Cessna Aircraft

Checks Cessna seat roller housing limits as per FAA AD 2011-10-09

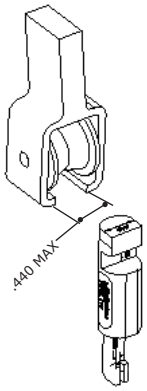
Our Seat Roller Housing Gauge is designed to inspect seat roller housing wear in Cessnas, as required by mandatory FAA AD 2011-10-09. This gauge simplifies determining if the housing is in or out of tolerance by allowing the areas of concern to be gauged, as opposed to measuring individual attributes on each seat roller housing with calipers. Do not use on welded/non-replaceable seat roller housings.

P/N TOOL110

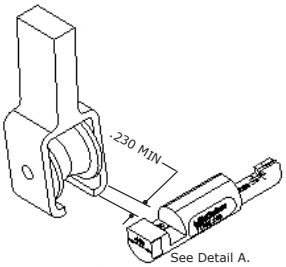
- Hardened Stainless Steel
- Save time! 10x faster than calipers
- Step by step instructions
- Measures all three dimensions without removing rollers

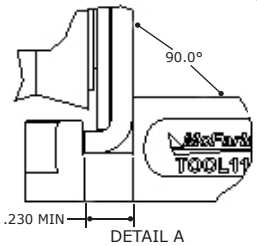


Step 1.
.440 gauge surfaces must not enter space between housing tangs.



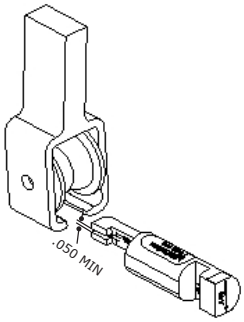
Step 2.
The bend area of the tang must not enter the space on the gauge marked .230. See Detail A.

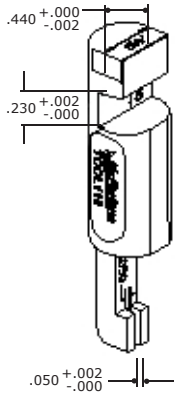




DETAIL A

Step 3.
The .050 space on the gauge must not fit on the worn area of the tang.





To calibrate; ensure gauge dimensions are within the tolerances shown above.

Seat Stops for Cessna Aircraft

McFarlane Seat stops are stronger than the originals!

Kits contain FAA-PMA and industry standard components


SSC-01
AeroTwin Seat Stop


SEAT STOP KIT 1


SEAT STOP KIT 2


SEAT STOP KIT 3

McFarlane Seat Stop Kits

McFarlane Seat Stop Kit Components		
SEAT STOP KIT 1		
Qty	**P/N**	**Description**
1	MC0713074-1	Seat Stop "U" Design
1	MS24665-132	Cotter Pin, 1/16" X 1/2"
1	MS20392-1C21	Clevis Pin
SEAT STOP KIT 2		
Qty	**P/N**	**Description**
1	MC0511242-1	Seat Stop "Bar Design"
1	MS35265-41	Screw
SEAT STOP KIT 3		
Qty	**P/N**	**Description**
1	MC0713074-1	Seat Stop "U" Design
1	MS24665-132	Cotter Pin, 1/16" X 1/2"
1	MS20392-1C21	Clevis Pin
2	NAS43DD1-9FC	Spacer

Model	Serial Number	Part Number	Mfg
150E[1],F[1]	15061273 thru 15063762	SSC-01	A
150F[1],G,H,J,K,L[1]	15063763 thru 15073658	Seat Stop Kit 3	M
		SSC-01	A
150L[1],M	15073659 thru 15079405	SSC-01	A
A150K,L[1]	A1500001 thru A1500342	Seat Stop Kit 3	M
A150L[1]	A1500343 thru A1500523	SSC-01	A
F150G,H,J,K,L[1]	F1500068 thru F15000863	Seat Stop Kit 3	M
FA150K,L[1]	FA1500001 thru FA1500166	Seat Stop Kit 3	M
172, 172A,B,C	28000 thru 17249544	Seat Stop Kit 1	M
		SSC-01	A
172D,E,F,G,H,I,K,L,M,N,P[1],Q	17249545 thru 17276516	Seat Stop Kit 2	M
F172M,N,P	F17200905 thru F17202238	Seat Stop Kit 2	M
FR172E,F,J,K	FR17200001 thru FR17200675	Seat Stop Kit 2	M
P172	P17257120 thru P17257188	Seat Stop Kit 2	M

Continued on next page

Seat Stops for Cessna Aircraft continued from previous page

Model	Serial Number	Part Number	Mfg
172P[1]	17276517 thru 17276673	Seat Stop Kit 1	M
F172P	F17202239 thru F17202254	Seat Stop Kit 1	M
R172K	R1722000 thru R1723454	Seat Stop Kit 2	M
172RG	172RG0001 thru 172RG1191	Seat Stop Kit 2	M
175, 175A,B,C	55001 thru 17557119	Seat Stop Kit 1	M
		SSC-01	A
177,A,B	17700001 thru 17702752	Seat Stop Kit 2	M
177RG	177RG0001 thru 177RG1366	Seat Stop Kit 2	M
180,A,B,C,D,E,F,G,H,J,K	30000 thru 18053203	Seat Stop Kit 1	M
		SSC-01	A
182,A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R	33000 thru 18268586	Seat Stop Kit 1	M
		SSC-01	A
F182P,Q	F18200001 thru F18200169	Seat Stop Kit 1	M
FR182	FR18200001 thru FR18200070	Seat Stop Kit 1	M
T182	18267716 thru 18268541	Seat Stop Kit 1	M
		SSC-01	A
R182/ TR182	R18200001 thru R18202041	Seat Stop Kit 1	M
		SSC-01	A
185,A,B,C,D,E	185-0001 thru 185-1149	Seat Stop Kit 1	M
		SSC-01	A
A185E,F	18501600 thru 18504448	Seat Stop Kit 1	M
188, 188A, A188, A188A	1880001 thru 18800832	Seat Stop Kit 1	M
		SSC-01	A
188B[1]	188002349 thru 18803846 188002349T thru 18803968T	Seat Stop Kit 1	M
		SSC-01	A
T188C	T18803297T thru T18803968T	Seat Stop Kit 1	
		SSC-01	A
Standard Seats			
188B	18800833 thru 18802348	Seat Stop Kit 1	M
		SSC-01	A
A188B[1]	18800967T thru 18802348T	Seat Stop Kit 1	M
		SSC-01	A
Infinitely Adjustable Seats			
188B	18800833 thru 18802348	Seat Stop Kit 2	M
		SSC-01	A
A188B[1]	18800967T thru 18802348T	Seat Stop Kit 2	M
		SSC-01	A
Pilot/Copilot & Middle Seats			
210-5 (205), 210-5A (205A)	205-0001 thru 205-0577	Seat Stop Kit 1	M
		SSC-01	A
Pilot/Copilot Seats			
206	206-0001 thru 206-0275	Seat Stop Kit 1	M
		SSC-01	A
U206,A,B,C,D, TU206A,B,C,D	U206-0276 thru U206-1444	Seat Stop Kit 1	M
		SSC-01	A
P206,A,B,C,D, TP206A,B,C,D	P206-0001 thru P206-0603	Seat Stop Kit 1	M
		SSC-01	A
U206E[1],F,G, TU206E[1] F,G	U20601588 thru U20607020	Seat Stop Kit 1	M
		SSC-01	A
Standard Pilot/Copilot Seats			
U206E[1], TU206E[1]	U20601445 thru U20601587	Seat Stop Kit 1	M
		SSC-01	A
P206E, TP206E	P20600604 thru P20600647	Seat Stop Kit 1	M
		SSC-01	A
Infinitely Adjustable Pilot/Copilot Seats			
U206E[1], TU206E[1]	U20601445 thru U20601587	Seat Stop Kit 2	M
		SSC-01	A
P206E, TP206E	P206-0604 thru P206-0647	Seat Stop Kit 2	M
		SSC-01	A
Middle Seats			
206, U206,A,B,C,D,E,F,G	206-0001 thru 206-0275	Seat Stop Kit 1	M
TU206A,B,C,D,E,F,G	U206-0276 thru U20607020	Seat Stop Kit 1	M
P206,A,B,C,D,E	P206-0001 thru P206-0647	Seat Stop Kit 1	M
TP206A,B,C,D,E	P206-0001 thru P206-0647	Seat Stop Kit 1	M

Continued on next page

Seat Stops for Cessna Aircraft continued from previous page

Model	Serial Number	Part Number	Mfg
Standard Pilot/Copilot Seats			
207[1], T207[1]	20700001 thru 20700215	Seat Stop Kit 1	M
		SSC-01	A
Infinitely Adjustable Pilot/Copilot Seats			
207[1], T207[1]	20700149 thru 20700215	Seat Stop Kit 2	M
		SSC-01	A
Pilot/Copilot Seats			
207A[1], T207A	20700216 thru 20700788	Seat Stop Kit 1	M
		SSC-01	A
Middle Seats			
207[1],A, T207[1],A	20700001 thru 20700788	Seat Stop Kit 1	M
		SSC-01	A
Pilot/Copilot Seats			
210,A,B,C,D,E,F, G,H,J,K,L,M,N	57001 thru 21064897	Seat Stop Kit 1	M
		SSC-01	A
210R	21064898 thru 21065009	Seat Stop Kit 1	M
T210	T210-0001 thru T210-0454	Seat Stop Kit 1	M
Middle Seats			
210K,L,M,N,R	21059200 thru 21065009	Seat Stop Kit 1	M
T210K,L,M,N,R	21059200 thru 21065009	Seat Stop Kit 1	M
P210N,R	P21000001 thru P210000867	Seat Stop Kit 1	M
Rear Seats			
210D,E,F,G,H,J	21058221 thru 21059199	Seat Stop Kit 1	M
T210	T210-0001 thru T210-0454	Seat Stop Kit 1	M
Pilot/Copilot Seats			
T210F,G,H,J	T2100001 thru T2100454	Seat Stop Kit 1	M
P210N	P2100001 thru P21000834	Seat Stop Kit 1	M
		SSC-01	A
P210R	P210000835 thru P210000867	Seat Stop Kit 1	M

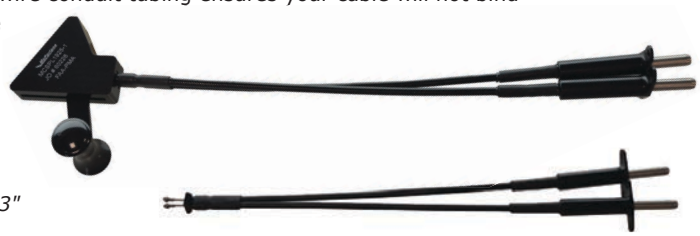
[1] Partial model eligibility

Manufacturer:
[A] Aero Twin, Inc.
[M] McFarlane Aviation Products

Seat Release Cable Assembly for Cessna Aircraft

FAA-PMA approved, improved design for long life!
P/N MCSPL1925-1 is used to lock the pilot and co-pilot seat into place on Cessnas produced after 1998

- Lifetime anodized aluminum housing — not cheapy plastic
- Cable terminal provides a minimum capacity increase of over 115% from OEM cable
- Nylon-lined wire conduit tubing ensures your cable will not bind
- Larger cable
- Repairable
- Save $$$

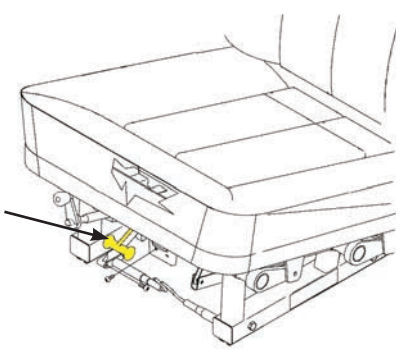


Thicker cable!
McFarlane: 0.063"
OEM: 0.047"





Repair assemblies available! Save $$$
P/N 7354



(2) required per aircraft

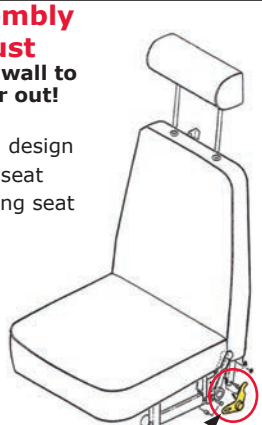
Model
172R,S
182S,T,T182T
206H
T206H

Bellcrank Assembly Seat Back Adjust

Heavy duty thicker wall to prevent roll pin tear out!
P/N AD0514030-4HD

- Robust, improved design
- Two required per seat
- For fully articulating seat
- FAA-PMA





P/N AD0514030-4HD

Model
172K,L,M,N,P,Q, R172K, 172RG
F172H,K,L,M,N, FR172G,H,J,K
177RG, 177B, F177RG
180H,J,K
182N,P,Q,R, R182, T182, TR182
F182P,Q, FR182
A185E,F
188B, A188B, T188C
U206E,F,G, TU206E,F,G, P206E, TP206E
207, 207A, T207, T207A
210K,L,M,N,R, T210K,L,M,N,R, P210N,R
337E,F, F337E,F,G,H, FT337E, FT337GP, FT337HP
T337F,G, P337H

Seat Adjustment Springs for Piper Aircraft

Replacement springs just got more affordable!

- Direct replacement — no conversion kit required
- One required per bucket seat
- Avoid downtime and expense of repeated overhauls

Replacements for both styles now available



Spring P/N MC587-404

Gas Spring Style
P/N MC587-404

- Replaces Piper P/N 587-404 or 89178-010 [3]
- Originals were manufactured by Stabilus Bloc-O-Lift or Gas Springs Corp Easy Lift
- M10x1 metric thread (~0.39 inch diameter)
- Adapter P/N MC37902-06 also available (threads onto the end of the Gas Spring Style MC587-404; see figure)



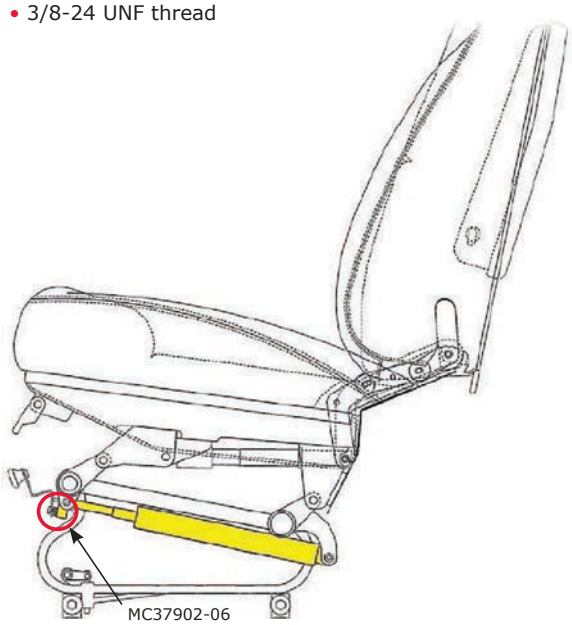
Adapter P/N MC37902-06



Spring P/N MC555-692

Coil Spring/Hydraulic Style P/N MC555-692

- McFarlane replaces the old coil spring/hydraulic style with a gas spring
- Replaces Piper P/N 76445-000 or 555-692
- Originals were manufactured by P. L. Porter Hydrolok
- 3/8-24 UNF thread



Save $$$

Model	Serial Number	Qty per A/C	Spring MC555-692 (3/8-24 thread)	Spring MC587-404 (M10x1 thread)	Adapter P/N MC37902-06
PA-28-140 [1]	28-7425061 and On	2	4	2	2
PA-28-151	All	2	4	2 3	2 3
PA-28-161	2816001 thru 2816119	2	4	2	2
	2841001 thru 2842999	2		2	2
	28-7716001 thru 28-7716073	2	4	2 3	2 3
	28-7716074 thru 28-8616057	2	4		
PA-28-180 [1]	28-7405035 and On	2	4	2	2
PA-28-181	2843001 thru 2843999	2		2	2
	2890001 thru 2890205	2	4		
	2890206 thru 28-7790358	2	4	2	2
	28-7790359 thru 28-8690062	2	4		
PA-28-201T	All	2		•	•
PA-28-235 [1]	28-7410027 thru 28-7710089	2	4	2	2
PA-28-236	All	2		•	•
PA-28R-200 [1]	28R-7435035 thru 28R-7635545	2	4	2	2
PA-28R-201	2837001 thru 2837061	2	4	2	2
	2844001 thru 2844999	2		2	2
	28R-7737002 thru 28R-7837317	2	4	2	2
PA-28R-201T	All	2	4	2	2
PA-28RT-201T	All	2		•	•
PA-32-260 [1]	32-7400001 thru 32-7800008	2	4	2	2
PA-32-300 [1]	32-7440001 thru 32-7940290	2	4	2	2
PA-32-301, 301T	All	2		•	•
PA-32R-300	All	2	4	2	2
PA-32R-301, 301T	All	2		•	•
PA-32RT-300, 300T	All	2		•	•
PA-34-200 [1]	34-7450033 thru 34-7450220	2	4	2	2
PA-34-200T	All	2	4	2	2
PA-34-220T	All	2		•	•
PA-44-180, 180T	All	2		•	•
PA-46-310P	All	4		•	•
PA-46-350P	4622001 thru 4622200	4		•	•
	4636001 thru 4636999	6		•	•
PA-46-500TP	All	4		•	•
PA-46R-350T	All	4		•	•

[1] Partial model eligibility
[2] When equipped with Piper P/N 587-404 or 89178-010. This includes seats converted per Piper Service Letter 813 using Piper kit number 761 103V, 761 104V or 761 105V.
[3] Some Piper parts catalogs do not list part number 587-404 separately, but list an assembly part number of 89178-010 instead. McFarlane P/N MC587-404 replaces the spring component of this assembly and adapter P/N MC37902-06 replaces the block.
[4] When equipped with Piper P/N 76445-000 or 555-692.

Maintenance Tip:
Aircraft make, model and serial number are not sufficient to ensure the correct replacement spring as many aircraft may have been originally equipped with either one or retrofitted with a conversion kit.

If the spring you are replacing is marked with a brand name (e.g. P.L. Porter or Stabilus) the correct replacement is readily identified. The coil spring/hydraulic style are also identifiable by a 1¼" diameter visible coil spring. The thread may also be measured to verify the correct identification.



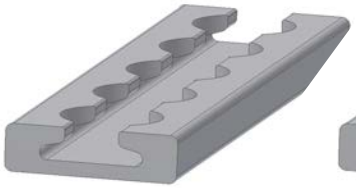
Original Gas Spring Style



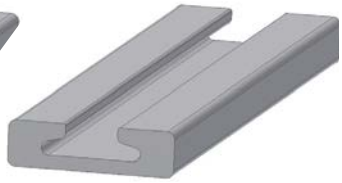
Original Coil Spring/Hydraulic Style

Brownline Style Seat Tracks/Cargo Tracks

- Perfect for homebuilt or experimental projects
- Slotted extrusion with 0.785" diameter openings every one inch
- Precision machined and quality controlled
- Aerospace grade 7075-T6511 aluminum with full traceability
- Compatible with common MS33601 cargo tie down and seat stud fittings (see below)



P/N 6656 Series

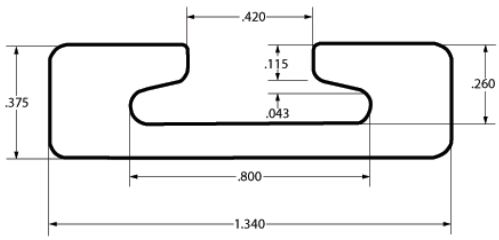


P/N STE105

Standard Lengths
P/N 6656-L (L = the minimum length in inches)
Anodized for corrosion protection.
Available in 6, 12, 18, 24, 36, 48, 72, 96, 120, 144, 160, and 179 inch lengths.

P/N STE105
Slotted extrusion without machined 0.785" diameter openings. Non-anodized. Available by the inch.

Custom Tracks
Custom lengths and machining available.
Call for details.



Filler Strip for Brownline Style Track

P/N FE200751

- Provides a finished look
- Keeps debris out of the track
- May be cut to length, sold in 25 ft. roll





Brownline Style Anchor Plate

P/N 40000-11

- For use with single stud fittings
- Small and low profile, providing damage protection to cargo and baggage
- An ideal way to support single location fastening of nets, straps, or other equipment
- NSN Number 1560-01-286-1030
- Aluminum alloy, anodized



Working load limit:
4000 lbs @ 0° vertical pull
2000 lbs @ 90° horizontal pull

Manufactured by Ancra International

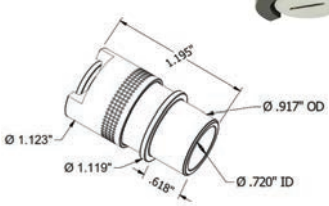
Chair Leg Stud Quick Release Anchor

P/N MC41528-14

- Use with Brownline style track
- Spring loaded fitting snaps securely into place and can be easily moved to different positions
- Designed to mate with 1" O.D. 0.035" wall tube or a 0.720" O.D. stud
- 7075 Aluminum



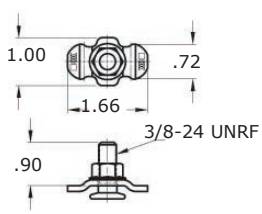




Threaded Single Stud Fitting with Nut for Brownline Style Track

P/N FE200744
Material: Carbon Steel
Finish: Zinc Plated
Working Load Limit:
5000 lbs @ 0° vertical pull
2000 lbs @ 90° horizontal pull





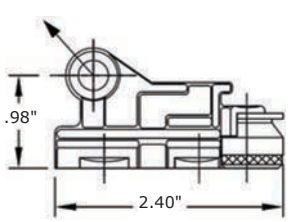
Manufactured by Kinedyne Corporation

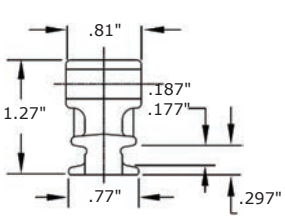
Rear Leg Seat Fitting

P/N 42854-11

- Compatible with Brownline style track
- 8000 lb load capacity at 48° angle from horizontal
- Cad plated with teflon coating
- Weight .24 lb







Cargo Tie Down Fittings for Brownline Style Track

- Use with Brownline style track (McFarlane P/N series 6656) or other MS33601 compatible track - sometimes called L-track
- Perfect for net or strap restraint applications
- Spring loaded fitting snaps securely into place and can be easily moved to different positions


P/N 32401


P/N 40340-20


P/N 40340-21


P/N 47981-10


P/N 47981-11


P/N 32505


P/N 32507

P/N	Description	Fig	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	0° Vertical Working Load Limit lbs.	90° Horizontal Pull Angle Working Load Limit lbs.
32401	Single Stud Fitting w/ Ring	1	1.990	0.930	1.180	0.190	0.630	1.230	1333	1000
40340-20 1	Single Stud Fitting w/ Ring	1	1.870	0.870	1.120	0.190	0.710	1.430	1000	500
40340-21 1	Single Stud Fitting w/ D-Ring	2	2.000	1.090		0.190	0.710	1.430	1000	500
47981-10	Double Stud Fitting w/ Round Ring	3	1.750	2.320	2.340	0.310	0.760		10000	5000
47981-11	Double Stud Fitting w/ Twisted Ring	4	1.560	2.320	3.760	0.270	0.760		5000	5000
32505 3	Triple Stud Fitting w/o Ring	5	1.120	0.900	2.600				2167	1670
32507 3	Triple Stud Fitting w/ Pear Shaped Ring	6	1.120	0.900	1.160	0.250	4.900		2000	1670

1 NSN Number 1670-01-243-8877

2 NSN Number 1670-01-261-0567

3 60° Pull angle working load limit = 2000 lbs.

Manufactured by Ancra International

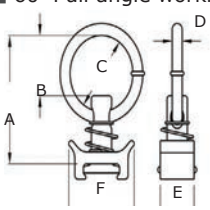


Figure 1

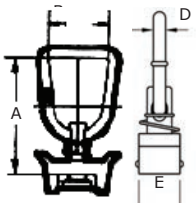


Figure 2

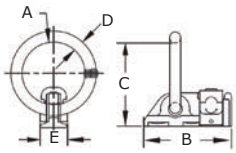


Figure 3

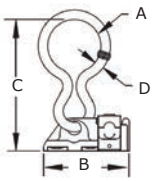


Figure 4

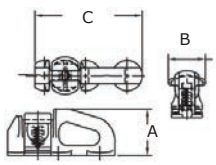


Figure 5

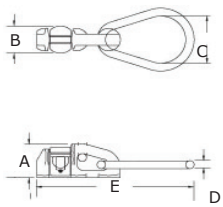


Figure 6

12-Jaw Seat/Cargo Tie Down Quick Disconnect Adapters and Studs

- Spring loaded ring locks jaws around stud, and spring loaded lock pin prevents accidental release
- Use with seat cargo studs shown below. Also works with any MS21234, MS21235 and AM7516 style seat/cargo attach fittings


P/N 4015C08B


P/N 33115


P/N 33116


P/N 32334


P/N 32367


P/N 32336


P/N 32340


P/N 32343


P/N 32326


P/N 4015C08A

P/N	Description	Fig	A (in.)	B (in.)	C (in.)	D (in.)	0° Vertical Breaking Strength lbs.	90° Pull Angle Breaking Strength lbs.
33115	12-Jaw, Threaded Stud, 1" x 3/8-24UNF Threaded Stud	1	2.260	1.000			5475	2300
33116	12-Jaw, Threaded Stud, 3/4" x 3/8-24UNF Threaded Stud	1	2.010	0.750			5475	2300
32326	12-Jaw, Ring	2	2.850	1.130	0.250	1.310	5475	2300
32334 1	12-Jaw, Chair Leg Stud, 0.85"	3	2.160	0.900	0.850		N/A	2300
32336 2	12-Jaw, Chair Leg Stud, 0.88" with 1/4" Hole	4	2.160	0.900	0.880	0.250	5475	2300
32340 3	12-Jaw, Chair Leg Stud, 0.85" with 1/4" Hole	4	2.160	0.900	0.850	0.250	5475	2300
32343	12-Jaw, D-Ring	5	2.820	1.100	2.010	0.250	5475	2300
32367 4	12-Jaw, Chair Leg Stud, 0.75" with 1/4" Hole	4	2.320	1.060	0.750	0.250	5475	2300
4015C08A	Stud, Quick Disconnect, SS, 1/4-20, Hex Drive	6	0.628	0.600	0.625			
4015C08B	Stud, Quick Disconnect, SS, 1/4-20, Slot Drive	7	0.628	0.600				
4015C12A	Stud, Quick Disconnect, SS, 3/8-24, Hex Drive	6	0.628	0.600	0.625			
4015C12B	Stud, Quick Disconnect, SS, 3/8-24, Slot Drive	7	0.628	0.600				

1 Replaces MS22034-1B 2 Replaces MS22034-2 3 Replaces MS22034-1 4 Replaces MS22034-3

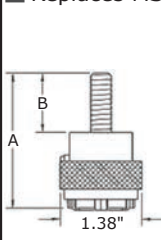


Figure 1

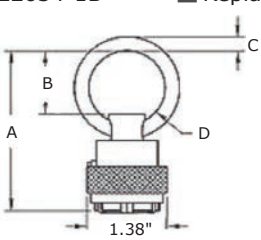


Figure 2

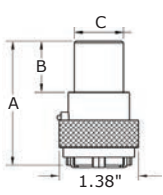


Figure 3

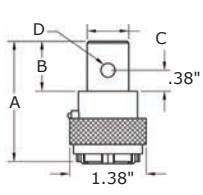


Figure 4

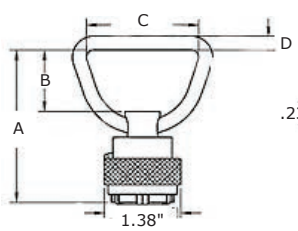


Figure 5

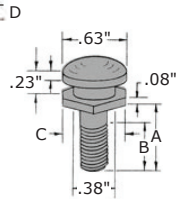


Figure 6

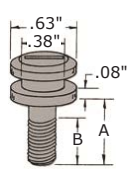
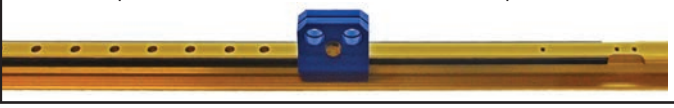


Figure 7

Cargo Tie Downs

- Clamps to seat rails to provide tie down points to secure cargo
- 4 required per every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC

Note: This product is not to be used as a seat stop





Manufactured by F Atlee Dodge

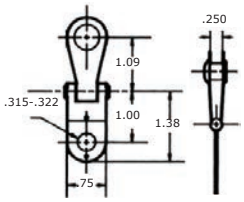
Aircraft Make	Model	Color	P/N
Cessna	208, 208A, and 208B	Green	TDC-208
Piper	PA31, PA31-300,-325,-350, PA31P, PA31P-350, PA31-T, PA31-T1,T2,T3	Blue	TDP-31

Seat Belt Shackles

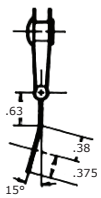
P/N 41713-10 and 41713-11

- High strength, low profile design
- Made especially for today's lightweight seats
- Stainless steel, cad plated
- Meets the load requirements of NAS 809 Paragraph 4.1.3





P/N 41713-10



P/N 41713-11

Folding Front Seat Kit for PA-18, PA-19 Series

Makes entry and loading much easier

P/N 3186

FAA-PMA/STC





Manufactured by F Atlee Dodge

Seat Feet for Beechcraft Queen Air, King Air and Airline

Part Number	Aircraft Model
CA100-530448-5	C90,C90A,C90(SE),E90,F90,A100,B100,200, 200T, 200C,200CT,B200,B200C,B200CT
CA100-530448-7	C90,C90A,E90,F90,A100,B100,200,200T, 200C, 200CT,B200,B200C,B200CT
CA50-534436-5	65,80,A80,88,90,A90,99,99A,A99A,B90, B99,C99, 100,A100,B100



P/N CA100-530448-5



P/N CA100-530448-7



P/N CA50-534436-5

Save up to 70%

Manufactured by PMA Products

Heavy Duty Seat Back Frame

Less tendency to wear out!

P/N 3226

206 Series aircraft
Replaces P/Ns 1214012-1 and 1214012-4



Manufactured by F Atlee Dodge

Safari Seat for PA-18 and PA-19

P/N 6151

Easily installed and removed

Clamps in and designed for easy removal with quick release pins.

Weight saver

Lightweight folding rear seat saves 10 pounds over existing seat.
STC-PMA

Saves 10 lbs!



Manufactured by F Atlee Dodge

Folding Rear Seats

Convert from people to cargo quickly!

Left P/N 3187L, right P/N 3187R

FAA-PMA/STC replaces the existing bench seat and increases the flexibility and utility of your airplane. Seats can be independently folded forward, stowed to the side, or removed in minutes to allow cargo and passenger configurations.

- Easy access to baggage
- Easier access to the tail cone for maintenance
- Increased payload! About 20 lbs lighter than the original bench seat

20 Pounds Lighter!



Frees wasted space

The original bulky seats take 2x the floor space compared to the compact and comfortable folding seats.

- 50% more baggage space
- More leg room

Convenient installation kit

Seats are sold in pairs (left and right) with all required installation hardware, including mounting tracks that attach to the floor and side door frame. (Seat belts, upholstery, cushioning, and stowage straps/bungees not included).

Upholster to match your interior

This is not a "jump seat" or "utility seat". You don't have to sacrifice comfort and style. Seats provide room for a cushion and upholstery up to 2 inches thick. Match your interior for an attractive and comfortable finish.

Manufactured by F Atlee Dodge

Aircraft Model	P/N
170, 170A,B	3187
172, 172A,B,C,D,E,F, G,H,I,K,L,M,N,P,Q,R,S	3187
175, 175A,B,C	3187
180, 180A,B,C,D,E, F,G,H,J,K	3187
182, 182A,B,C,D	3187
182E,F,G,H,J,K,L, M,N,P,Q,R,S,T	3187-182E
185, 185A,B,C,D,E, A185E,A185F	3187-182E

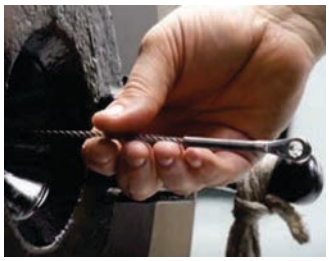


Door Cables

FAA-PMA approved for certified aircraft, or we have custom options available! Our approved cables fit many aircraft, including Cessna, Piper, and Beechcraft. For custom projects, McFarlane offers a variety of color options and hardware configurations. Our pre-formed, stainless steel aicraft cables are sealed with silicone rubber that is easy to clean, will not crack due to wear or climate changes, does not separate from the cable, and remains pliable for easy opening and closing of aircraft doors.

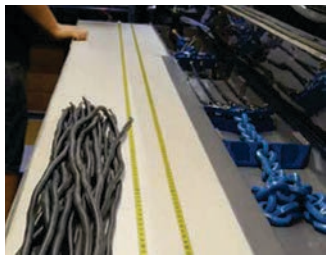


Custom door cables are not FAA-PMA approved. The user must obtain proper FAA approvals to use our custom cables on certified aircraft. Fill out our design form online and email to our customs team. For additional information and questions, contact our customs department 866-920-2741, ext. 289 or email customparts@mcfarlaneaviation.com









Our Door Cables are hand-crafted in-house. We cut aircraft cable to length, swage hardware, apply the silicone covering, and inspect each cable for strength. Our leading-edge inspection benches ensure that each cable is tested to follow MIL-spec standards for proof loading. You can find our McFarlane Door Cables installed on new Textron aircraft from the factory! We stock FAA-PMA approved Door Cables for Cessna, Piper, Beechcraft, and Learjet. We also offer custom Door Cables to your specified length, color, and hardware requirements.

Choose a color to match your interior!



Silicone Covering Color Chart		
Description	**Color Suffix**	
Dark Black (matte) Fed Spec 17038		**-DKBK2**
Dark Black (semi-gloss) Fed Spec 17038		**-DKBK1**
Black Fed Spec 27038		**-DKBK0**
Dark Gray Fed Spec 26008		**-DKGY0**
Dark Gray Fed Spec 36173		**-DKGY1**
Light Gray Vendor Color #K76169		**-LTGY1**
White Fed Spec 37150		**-LTWT0**
Gray Pantone 409C		**-LTGY0**
Butternut/Brown Fed Spec 30145		**-MDBN0**
Green Pantone 5783U		**-LTGN0**
Translucent (no color)		**-LTTL0**

Door Cables for Cessna, Piper, and Beechcraft

Save $$$

Pre-stretched, silicone covered aircraft cables are easy to clean, will not crack due to wear or climate changes, does not separate from the cable and remains pliable for easy opening and closing of aircraft doors.

- Hand-crafted with the highest quality standards.
- FAA-PMA Approved
- New color options

See color chart on previous page for color reference



Cable Specs		
P/N	Length	End Type
31-25	31.25"	Eye/Stud
32-75	32.75"	Eye/Stud
47-625	47.625"	Eye/Stud
48-75	48.75"	Stud/Stud
49-75	49.75"	Eye/Stud
50-00	50.00"	Stud/Stud
51-00	51.00"	Eye/Stud
51-00(303)	51.00"	Eye/Fork
56-00	56.00"	Eye/Stud

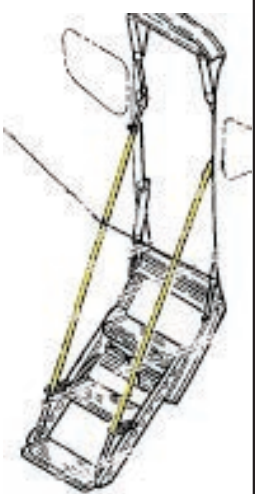
Cessna Caravan			
Model	P/N	Location	Color
208, 208B	S2837-1EH	Passenger Door Step, Lower	LTGN0
	S2837-2EH	Passenger Door Step, Lower, (Float Plane)	LTGN0
	S2814-1EH	Cargo Door Pull, Upper	LTGN0
	S2814-2EH	Passenger Door Pull, Upper	LTGN0

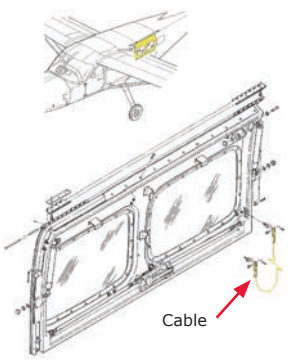
Cessna Twins				
Model	Serial Number	Lower Cabin Door Forward	Lower Cabin Door Aft	Cargo Door Fwd & Aft
T303	T30300001 thru T30300247	51-00(303)		
340A	340A0201 thru 340A0600	32-75	31-25	
	340A0601 thru 340A1800	32-75 1, 51-00 2	31-25 1, 49-75 2	
	340A1801 and on	48-75	50-00	
402C	402C0001 thru 402C0200	32-75 1, 48-75 2	32-75 1, 50-00 2	31-25 7
	402C0201 thru 402C0800	51-00 1 3, 32-75 1 4, 48-75 2	49-75 1 3, 32-75 4, 50-00 2	31-25 7
	402C0801 and on	48-75	50-00	31-25 7
404	404-0401 thru 404-0600	32-75	32-75	32-75 7
	404-0601 and on	49-75	49-75	32-75 7
414	414-0001 thru 414-0900	56-00	47-625	
	414-0901 and On		47-625	
414A	414A0201 thru 414A0400	31-25 1, 48-75 2	31-25 1, 48-75 2	
421A	All		47-625	
421B	421B0001 thru 421B0970		47-625	
421C	421C0001 thru 421C0200		47-625	
	421C0601 thru 421C1000	31-25 1, 48-75 2	31-25 1, 48-75 2	
	421C1001 thru 421C1400	51-00 1, 48-75 2	51-00 1, 48-75 2	
	421C1401 and on	48-75	48-75	
425	425-0002 thru 425-0176	49-75 5, 50-00 6	49-75 5, 50-00 6	
	425-0177 and on	50-00	50-00	
441	441-0071 thru 441-0224	32-75	31-25	
	441-0225 thru 441-0311	49-75 5, 50-00 6	49-75 5, 50-00 6	
	441-0312 and on	50-00	50-00	

1 For aircraft incorporating SK421-117.
2 For aircraft NOT incorporating SK421-117.
3 Used with pneumatic extender.
4 Used without pneumatic extender.
5 For aircraft incorporating SK441-71.
6 For aircraft NOT incorporating SK441-71.
7 This cable is used at both the forward and aft location.

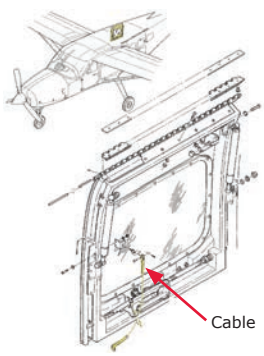
Don't settle for the factory color!
Choose a color to match your interior
Standard color is indicated for each P/N.
Add the appropriate color suffix to the P/N to order a different color.

Superseded P/Ns	
Cessna	Aero-Cables
10888	51-00 (T303)
5111508-59	47-625
5111561-22	56-00
71540-1	32-75
71540-10	50-00
71540-2	31-25
71540-3	51-00
71540-4	49-75
71540-6	49-75
71540-7	51-00
71540-8	49-75
71540-9	48-75

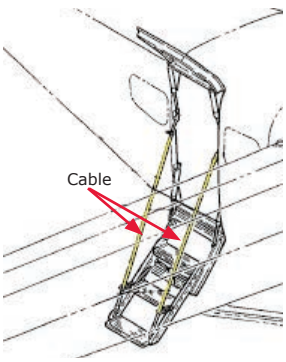


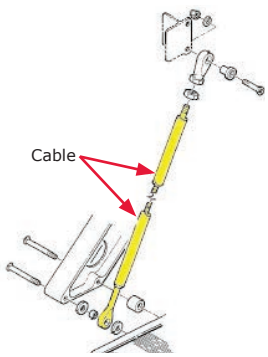


S2814-1EH Installation



S2814-2EH Installation





S2837-1EH or S2837-2EH Installation

Door Cables for Cessna, Piper, and Beechcraft

Save $$$

Pre-stretched, silicone covered aircraft cables are easy to clean, will not crack due to wear or climate changes, does not separate from the cable and remains pliable for easy opening and closing of aircraft doors.

- Hand-crafted with the highest quality standards.
- FAA-PMA Approved
- New color options



P/N 50000-MDBN0



P/N 48500-LTTL0



See color chart on previous pages for color reference

Cable Specs		
P/N	**Length**	**End Type**
227	22.70"	Fork/Stud
236	23.60"	Stud/Stud
30250	30.25"	Eye/Stud
31125	31.125"	Eye/Fork
31750	31.75"	Eye/Fork
40250	40.25"	Fork/Stud
41250	41.25"	Fork/Stud
48500	48.50"	Eye/Stud
50000	50.00"	Eye/Stud
70000	70.00"	Stud/Stud
73000	73.00"	Stud/Stud
SP31125	31.125"	Eye/Fork
SP31750	31.75"	Eye/Fork

Superseded P/Ns	
Piper	**A/C**
01679-003	41250
01679-004	30250
250039-001	SP31125
250039-501	SP31750
250039-503	31125
250039-505	31750
44523-003	48500
44523-004	50000
44562-000	227
44563-000	236
44563-000	330
47716-004	70000
47716-005	73000
72930-009	40250

Piper Twins

Model	Serial Number	Cabin Door Step Support	Cabin Entrance Door	Cargo Door		Other Locations
				Upper	Lower	
PA-31-300	31-228 thru 31-511		48500 (rear)	227	236 1	
PA-31-310	31-5 thru 31-104			227	236 1	
PA-31-310	31-105 thru 31-900, 31-7300901 and on		48500 (rear)	227	236 1	
PA-31-310	31-8312001 to 31-8312019		50000 (front), 48500 (rear)	227	236 1	
PA-31-325	31-7400990 thru 31-8212036		48500 (rear)	227	236 1	
PA-31-325	31-8312001 thru 31-8312019		50000 (front), 48500 (rear)	227	236 1	
PA-31-350	31-5001 thru 31-8252085		48500 (rear)	227	236 1	
PA-31-350	31-8352001 and on		50000 (front), 48500 (rear)	227	236 1	
PA-31T	31T-7400002 thru 31T-8120061	73000 (fwd), 70000 (aft) 3				40250
PA-31T	31T-8120062 and on	73000 (fwd), 70000 (aft) 3	41250 (lower) 4, 30250 (upper) 4			40250
PA-31T1	31T-1104004 thru 31T-8304003	73000 (fwd), 70000 (aft) 3	41250 (lower) 4, 30250 (upper) 4			40250
PA-31T2	31T-1166001 thru 31T-8166076	73000 (fwd), 70000 (aft) 3	41250 (lower) 4, 30250 (upper) 4			40250
PA-42	48-7800001 thru 48-8001035	73000 (fwd)				40250
PA-60-600	All					SP31125 6, SP31750 6
PA-60-601P, 602P, 700P	All					31125 5, 31750 5, SP31125 6, SP31750 6

1 Cable with link
2 Cable without link
3 Used if cargo door is NOT installed
4 Used if cargo door is installed
5 Used on pressurized aircraft
6 Used on non-pressurized aircraft

Don't settle for the factory color!

Choose a color to match your interior

Standard color is indicated for each part number. Add the appropriate color suffix to the P/N to order a different color.

Door Cables for Cessna, Piper, and Beechcraft

Save $$$

Pre-stretched, silicone covered aircraft cables are easy to clean, will not crack due to wear or climate changes, does not separate from the cable and remains pliable for easy opening and closing of aircraft doors.

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- FAA-PMA Approved
- New color options



Don't settle for the factory color!

Choose a color to match your interior

Standard color is indicated for each part number. Add the appropriate color suffix to the P/N to order a different color.

Cable Specs		
P/N	**Length**	**End Type**
1528	15.37"	Fork/Stud
1790	17.90"	Fork/Fork
2100	21.00"	Fork/Fork
2170	21.70"	Eye/Stud
2275	22.70"	Eye/Fork
2300	22.60"	Fork/Stud
2375	23.60"	Fork/Fork
3437	34.40"	Fork/Fork
3636	36.36"	Fork/Fork
3904	39.04"	Fork/Fork
6800	68.00"	Eye/Fork
6900	68.80"	Fork/Fork
7225	72.39"	Fork/Short Stud
7310	73.10"	Fork/Fork
7405	74.05"	Fork/Stud
7525	75.27"	Fork/Short Stud
7600	76.00"	Fork/Fork
7618	76.18"	Fork/Stud
3750 (CABLE)	37.62"	Fork/Fork
6300 (CABLE)	63.00"	Eye/Fork

Superseded P/Ns	
Beech	**Aero-Cables**
132427-A40	7525
132538-A13	6300 (CABLE)
132538-A18	2170
132538-A19	2375
132538-A20	6900
132538-A21	2300
132538-A28	7600
132538-A29	7310
132538-A3	6800
132538-A30	2100
132538-A32	1790
132538-A34	1528
132538-A37	3904
132538-A4	2275
132538-A41	3750 (CABLE)
132538-A42	7225
132538-A43	3437
1440-13	6300 (CABLE)
1440-18	2170
1440-19	2375
1440-20	6900
1440-21	2300
1440-28	7600
1440-29	7310
1440-3	6800
1440-30	2100
1440-32	1790
1440-34	1528
1440-35	7618
1440-36	7405
1440-37	3904
1440-38	3636
1440-4	2275
1440-40	7525
1440-41	3750 (CABLE)
1440-42	7225
1440-43	3437



P/N 2375-LTTL0



P/N 2300-MDBN0



P/N 27600-DKGR0

Beechcraft: Handrail and Door Support Cables

Model	Serial Number	Cabin Door		Handrail			Airstair Door	Other Locations
		Upper	Lower	Fwd Lower	Aft Upper	Aft Lower		
65	LC-15 and on	6800	2275					
65-80,-A80,-B80,-88, -90,-A90,-B90	All	6800	2275					
C90	LJ-685 thru LJ-1010	6900	2375					
C90, C90A	LJ-1011 thru LJ-1287				6900	2375		
C90A	LJ-1288 thru LJ-1755			2300 [1]	6900	2375		
E90	LW-179 and on	6900	2375					
F90	All				6900	2375		
100	B-2 thru B-51	6800	2275					
100, A100, B100	B-52 and on	6900	2375					
B200, B200T	All			2300	6900	2375		7618, 7405, 3904, 3636
B200C, B200CT							6300 [7], 2375 [2]	
300, 300LW					6900	2375		
B300	All			2300	6900	2375		
B300C	All						6300 [7], 2375 [2]	
1900, 1900C	All						7600 [3], 7310 [4], 2100 [5], 1790 [6], 1528 [6]	7525, 3750, 7225, 3437

[1] Except for S/Ns LJ-1289 thru LJ-1294, and LJ-1296 thru LJ-1299
[2] Lower
[3] Fwd Door, Fwd and Aft
[4] Aft Door, Fwd and Aft
[5] Fwd and Aft Door, Aft
[6] Fwd and Aft Door, Fwd
[7] Upper

See color chart on previous pages for color reference

Cabin Door Hinges for Cessna 170, 172, 175

- FAA-PMA approved welded design
- Thicker alloy steel
- Heat-treated for extra strength and wear resistance
- Precision pin holes for longer life
- Straight or bent hinges available
- Pre-drilled and epoxy primed

Cabin Door Hinge Pin

Don't trust those old brass pins!

- Fast door removal — makes cabin maintenance easier!
- FAA-PMA approved design 5x stronger with stainless steel
- Easy to inspect secure safety pin design

Now available! Complete Hinge Kit

Hinge Kit Components P/N CDHP-KT-1	
P/N	**Qty**
7205-1.63D	1
7205-1.63U	1
7205-2.00U	2

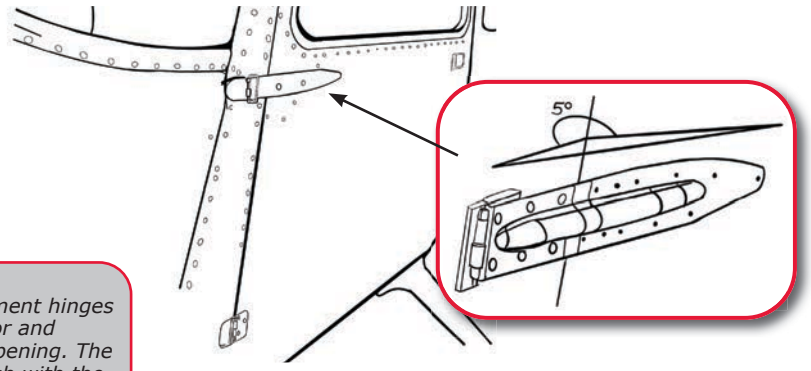


Bent or Straight?

Ensure the right fit for your Cessna!

Cessna legacy airplanes, built prior to 1979, feature a door post skin that angles inward (toward the front edge of the door, as seen in the figure). Aircraft with this bend require a hinge with a 5° bend for correct installation. Later models and new production aircraft do not have this inward angle and use a straight hinge.

McFarlane manufactures both bent and straight hinges. **We HIGHLY recommend verifying your door hinges before ordering.** When in the field, replicating the 5° bend from a straight hinge is very difficult and rarely correct. Let us take away the worry and provide you with the correct hinges today!



Maintenance Tip for Door Hinge Replacement:
To install new hinges, temporarily attach the replacement hinges to the door using temporary fasteners. Install the door and hinge pins. Verify the door alignment with the door opening. The leading edge of the door should be approximately flush with the adjacent door post skin. Minor bends can be made to the upper hinges to perfect the door fit.
ICA www.mcfarlaneaviation.com/media/documents/doc-7089.pdf

180 and 200 series on next page!



		Hinge Pin			Door Hinge Half																Door Hinge Assembly									
		Upper		Lower	Upper Fwd		Upper Aft							Lower Fwd						Lower Aft			Upper			Lower				
		LH	RH		LH	RH	LH				RH			LH			RH			LH	RH		LH			L/R	RH		
Aircraft	**Serial Number**	7205-1.63U [2]	7205-1.63D [2]	7205-2.00U [2]	MC0511237-1 [3]	MC0511237-2 [3]	MC0511238-7 [4]	MC0511238-3 [5]	MC0511238-9 [4][6]	MC0511238-8 [4]	MC0511238-4 [5]	MC0511238-10 [4][6]	MC0511239-1	MC0517019-5 [3]	MC2417002-1 [3]	MC0511239-2	MC0517019-6 [3]	MC2417002-2 [3]	MC0511239-3	MC0517019-3	MC0511239-4	MC0517019-4	MC0511280-5 [4]	MC0511106-106 [4]	MC0511280-6 [4]	MC0511106-107 [4]	MC0511280-3	MC0517019-1	MC2417003-1	MC0411579-4	MC0511280-4	MC0517019-2	MC2417003-2
170, 170A,B[1]	18000 thru 26995	•	•	•																				•		•				•			
170B[1]	26996 and on	•	•	•	•	•	•	•	•	•	•	•	•			•							•		•		•				•		
172, 172A,B,C,D, E,F,G,H,I,K,L,M[1]	28000 thru 17265684	•	•	•	•	•	•			•			•			•			•		•		•		•		•				•		
172M[1],N	17265685 and on	•	•	•	•	•	•			•				•			•			•		•	•		•			•				•	
172P,Q,R,S, 172RG	All	•	•	•	•	•	•			•					•			•			•		•		•				•					•
F172D,E,F,G, H,K,L,M[1]	F172-0001 thru F17201384	•	•	•	•	•	•			•			•			•			•		•		•		•		•				•		
F172M[1],N	F17201385 thru F17202039	•	•	•	•	•	•			•				•			•			•		•	•		•			•				•	
F172P	All	•	•	•	•	•	•			•					•			•			•		•		•				•					•
FR172E,F,G,H,J[1]	FR17200001 thru FR17200559	•	•	•	•	•	•			•			•			•			•		•		•		•		•				•		
FR172J[1],K[1]	FR17200562 thru FR17200665	•	•	•	•	•	•			•				•			•			•		•	•		•			•				•	
FR172K[1]	FR17200666 thru FR17200675	•	•	•	•	•	•			•					•			•			•		•		•				•					•
P172D	All	•	•	•	•	•	•			•			•			•			•		•		•		•		•				•		
R172E,F,G,H	All				•	•	•			•			•			•			•		•						•				•		
R172K	R1722000 thru R1723399	•	•	•	•	•	•			•				•			•			•		•	•		•			•				•	
	R1723400 thru R1723454	•	•	•	•	•	•			•					•			•			•		•		•				•					•
175, 175A,B,C	All	•	•	•	•	•	•			•			•			•			•		•		•		•		•				•		

Notes:

[1] Partial model eligibility
[2] Hinge pins are not compatible with emergency door release systems.
[3] To order the hinge undrilled add "S" to the suffix, i.e. MC0511237-1S.
[4] To order the hinge bent add "B" to the suffix, i.e. MC0511238-7B.
[5] Hinge Half Plate
[6] Hinge Half Stiffener

Maintenance Tip:
*Cessna doors have tremendous leverage on the forward door seals. Door hinge and hinge pins can easily over stress and fail if incorrect door seals are installed. Always use **APPROVED** door seals designed for **YOUR** aircraft. Door Seals on following pages.*

Cabin and Cargo Door Hinges for Cessna 180, 182, 185, 205, 206, 207 and 210 Series

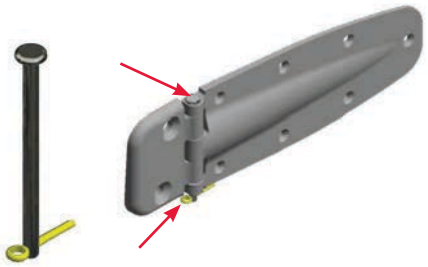
- FAA-PMA approved with improved machined design
- Better fit and form than competitor's forged hinges!
- Available drilled or un-drilled
- Save $$$



Quick Removal Clevis Pin and Cotter Key

New and improved design replaces staked-in hinge pin!

- FAA-PMA approved design replaces staked-in Cessna hinge pin
- Easy door removal for maintenance
- Corrosion resistant



Aircraft [1]	Hinge Pin		Cabin Door Hinge Half								Cargo Door Hinge Half							
			Upper LH		Upper RH		Lower LH		Lower RH		Fwd Upper		Fwd Lower		Aft Upper		Aft Lower	
	Cabin Door	Baggage Door	Fwd	Aft	Fwd	Aft	Fwd	Aft	Fwd	Aft	Aft	Fwd	Aft	Fwd	Aft	Fwd	Aft	Fwd
	MC0711038-1 [2]	MC0711038-1 [2]	MC0711037-15 [3]	MC0711037-23 [3]	MC0711037-14 [3]	MC0711037-22 [3]	MC0711037-10 [3]	MC0711037-3 [3]	MC0711037-11 [3]	MC0711037-4 [3]	MC1211661-4 [3]	MC1211661-9 [3]	MC1211661-1 [3]	MC1211661-2 [3]	MC1211661-6 [3]	MC1211661-8 [3]	MC1211661-5 [3]	MC1211661-7 [3]
180B,C,D,E	4						•	•		•								
180F,G,H,J,K	4						•	•	•	•								
182B,C,D	2						•	•		•								
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T	2		•	•	•	•	•	•	•	•								
F182P,Q, FR182, R182, T182, TR182, T182T	2		•	•	•	•	•	•	•	•								
185, 185A,B,C,D,E, A185E,F	4						•	•	•	•								
210-5 (205), 210-5A (205A)	4	2	•	•	•	•	•	•	•	•								
206	2	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
206H, T206H	2			•			•	•	•		•	•	•	•	•	•	•	•
U206, U206A,B,C, D,E,F,G	2			•			•	•	•		•	•	•	•	•	•	•	•
P206, P206A,B,C,D,E, TP206A,B,C,D,E	2	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TU206A,B,C,D,E,F,G	2			•			•	•	•		•	•	•	•	•	•	•	•
207, 207A, T207, T207A	2		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
210, 210A	4						•	•	•	•								
210B,C,D,E,F,G,H,J,K,L,M,N,R	4		•	•	•	•	•	•	•	•								
P210N,R	2																	
T210F,G,H,J,K,L,M,N,R	4		•	•	•	•	•	•	•	•								

Notes:

[1] All serials for all aircraft models are eligible for the indicated part numbers.
[2] The hinge pins are not compatible with emergency door release systems.
[3] To order the hinge undrilled add "S" to the suffix, example MC0711037-15S

Early Cessna Door Hinges
120, 140, and 150 series coming soon!



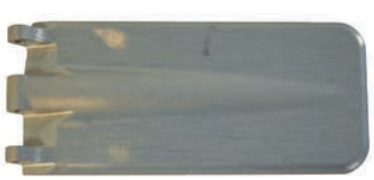
P/N MC1211661-2



P/N MC1211661-2S



P/N MC1211661-7



P/N MC1211661-7S

Door and Window Seals

Beechcraft, Cessna, Mooney, and Piper aircraft

Nearly a year of development and testing went into creating these new seals for general aviation aircraft. As a result of a space age material developed for NASA, these seals are superior to any on the market! The hybrid rubber compound sealing material compresses under pressure from the door. When the door stops applying pressure against the seal, an impression of the surface is made in the seal, so you can actually see a perfect imprint in the seal of every rivet and seam when opening the door!

- FAA-PMA approved and made in the USA
- Conforms to sealing surfaces to create a perfect sealing bond
- Custom extruded from a special hybrid rubber compound
- Seal compresses from its full thickness to as small as 1/32".
- Available at a fraction of the cost of OEM seals
- Airtight and watertight fit
- Greatly reduces cabin noise



P/N ADS-500-1002



P/N ADS-500-1003

Seal Lube P/N ADS-SL101

- Apply yearly to keep door seal looking like new!
- Doors and windows close easier without sticking!
- It only takes minutes to apply
- Assures maximum life for your door and window seals
- One 1/4 oz. tube will last about a year

Weatherstrip Adhesive
McFarlane recommends using 3M products from your local auto parts store. Most weatherstrip adhesives are contact type adhesives that bond quickly when two coated surfaces are allowed to become tacky and then pressed together.



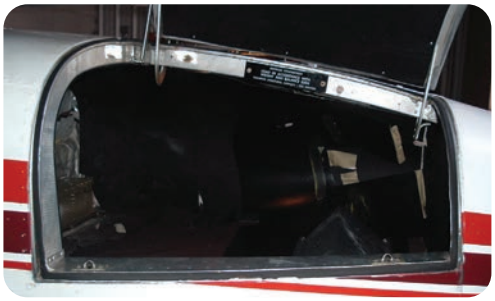
P/N ADS-500602



Location	Main Cabin Door, Hinge Block (2pk)	Front Entry Door	Emergency Exit Window thru 1979	Emergency Exit Window 1980 and on	Cabin Baggage Door (includes large door)	Storm Window, Frameless	Storm Window, Framed	Nose Baggage Door Kit	Aft Utility Door	Aft Entry Cargo Door, Fuselage Mount	Forward Baggage Door	Window Seal	Entry Door, Front	Baggage Door, Aft	Entry Door, Front	Baggage Door, Aft	Baggage Door, Aft	Vent Window	Entry Door	Entry Door, Front, thru 1975	Entry Door, Front, 1976 and On	Vent Window	Baggage, Aft	Entry Door, Aft No Cargo Door	Entry Door, Aft With Cargo Door
Part Number	**ADS-B115** [1]	**ADS-B127** [4] [6]	**ADS-B131** [3]	**ADS-B132** [3]	**ADS-B133** [4]	**ADS-B137** [3]	**ADS-B139** [3]	**ADS-B250** [2]	**ADS-B270** [4] [7]	**ADS-500602** [2] [8]	**ADS-500-700** [2]	**ADS-900900** [3]	**ADS-C1401** [4]	**ADS-C1402** [4]	**ADS-C1420** [4]	**ADS-C1422** [4]	**ADS-500-1002** [2]	**ADS-500-1003** [3]	**ADS-M1201** [4]	**ADS-P301-1** [4]	**ADS-P301-23** [4]	**ADS-P302** [3]	**ADS-P303** [4] [9]	**ADS-P304** [4]	**ADS-P305** [5]
Aircraft Model																									
Beechcraft																									
35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, F33C, G33	•	•	•		•	•	•																		
E33A	•				•																				
E33C, F33, F33A	•		•		•																				
35, A35	•	•	•			•																			
B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35R	•	•	•		•	•	•																		
36, A36, A36TC, B36TC	•	•	•	•	•	•	•	•	•																
G36	•			•	•																				
50(L-23A), B50(L-23B), C50, D50(L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50(L-23D, RL-23D), F50, G50, H50, J50	•	•	•		•	•	•																		
19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	•	•				•	•																		
95-B55, 95-B55A, 95-B55B(T-42A), 95-C55, 95-C55A, G58, D55, E55, E55A, 56TC, 95, B95, B95A, D95A, E95, 95-55, 95-A55	•	•	•		•	•	•	•																	
58, 58A, 58TC, 58TCA	•	•	•	•	•	•	•	•	•																
D55A, A56TC	•	•			•	•	•	•																	
76, 77	•	•				•	•																		

Notes and eligibility continues on next page

Continued from previous page





ADS-P301-1



ADS-500-1002

Aircraft Model	Location	Main Cabin Door, Hinge Block (2pk)	Front Entry Door	Emergency Exit Window thru 1979	Emergency Exit Window 1980 and On	Cabin Baggage Door (includes large door)	Storm Window, Frameless	Storm Window, Framed	Nose Baggage Door Kit	Aft Utility Door	Aft Entry Cargo Door, Fuselage Mount	Forward Baggage Door	Window Seal	Entry Door, Front	Baggage Door, Aft	Entry Door, Front	Baggage Door, Aft	Baggage Door, Aft	Vent Window	Entry Door	Entry Door, Front, thru 1975	Entry Door, Front, 1976 and On	Vent Window	Baggage, Aft	Entry Door, Aft No Cargo Door	Entry Door, Aft With Cargo Door
	Part Number	ADS-B115 [1]	ADS-B127 [4][6]	ADS-B131 [3]	ADS-B132 [3]	ADS-B133 [4]	ADS-B137 [3]	ADS-B139 [3]	ADS-B250 [2]	ADS-B270 [4][7]	ADS-500602 [2][8]	ADS-500-700 [2]	ADS-900900 [3]	ADS-C1401 [4]	ADS-C1402 [4]	ADS-C1420 [4]	ADS-C1422 [4]	ADS-500-1002 [2]	ADS-500-1003 [3]	ADS-M1201 [4]	ADS-P301-1 [4]	ADS-P301-23 [4]	ADS-P302 [3]	ADS-P303 [4][9]	ADS-P304 [4]	ADS-P305 [5]
Cessna																										
120, 140, 140A													•	•												
150, 150A,B,C,D,E,F,G,H,J,K,L,M													•	•												
152, A152													•	•												
170, 170A,B													•	•												
172, 172A,B													•	•												
172C,D,E,F,G,H,I,K,L,M,N,P,Q,S, 172RG, P172D, R172K													•	•	•											
175, 175A,B,C													•	•	•											
177, 177A,B, 177RG													•			•	•									
180, 180A,B,C,D,E,F,G,H,J,K													•	•	•											
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T													•	•	•											
A182J,K,L,N, R182, T182, T182T, TR182													•	•	•											
185, 185A,B,C,D,E													•	•	•											
190, 195, 195A,B													•	•	•											
210-5 (205), 210-5A (205A)											•		•	•	•											
206H, T206H, U206, U206A,B,C,D,E,F,G, TU206A,B,C,D,E,F,G											•		•	•	•											
P206, P206A,B,C,D,E, TP206A,B,C,D,E											•		•	•	•											
207, 207A, T207, T207A											•	•	•	•	•											
210A,B,C,D,E,F,G,H,J,K,L,M,N,R, T210F,G,H,J,K,L,M,N,R													•	•	•											
336, 337, 337A,B,C,D,E,F,G,H													•	•	•											
F337E,F,G,H, T337B,C,D,E,F,G,H													•	•	•											
Mooney																										
M20, M20A,B,C,D,E,F,G,J,K,L,M,R,S																		•	•	•						
Piper																										
PA-28-140																					•	•	•			
PA-28-150, PA-28-160, PA-28-180, PA-28R-180																					•	•	•	•		
PA-28-151, PA-28-161, PA-28-181																						•	•	•		
PA-28S-160, PA-28S-180																							•			
PA-28R-200																					•	•	•			
PA-28R-201																						•	•			
PA-28-201T, PA-28R-201T, PA-28RT-201, PA-28RT-201T																							•	•		
PA-28-235																					•	•	•	•		
PA-28-236																						•	•	•		
PA-32-260, PA-32-300, PA-32R-300																					•	•	•		•	•
PA-32-301, PA-32-301T, PA-32R-301(HP), PA-32R-30l(SP), PA-32R-301T, PA-32RT-300, PA-32RT-300T																						•	•		•	•
PA-34-200																					•		•		•	•
PA-34-200T, PA-34-220T																						•	•		•	•

[1] Contains (2) hinge seals, instructions and a packet of seal lube.
[2] Includes seals for one door, install instructions, and seal lube. Seal has an adhesive backing and does not require additional adhesive.
[3] Includes seal for one window, install instructions, and seal lube. Seal has an adhesive backing and does not require additional adhesive.
[4] Includes seal for one door, installation instructions and seal lube.
[5] Contains seals for one passenger door, one cargo door, instructions and seal lube.
[6] Contains P/Ns ADS1200-7 (1 ea), ADS1200-11 (1 ea), ADS1200-15 (2 ea).
[7] Contains (1) each of P/Ns ADS1200-3-1, ADS1200-3-2, ADS1200-3-3, ADS1200-3-4, ADS1200-3-5, ADS1200-3-6, ADS1200-3-7, ADS1200-3-8, ADS1200-3-9.
[8] Contains one each of the following P/Ns 500-602, 500-602-3.
[9] Contains one each of the following P/Ns ADS1200-303-1, ADS1200-303-2, ADS1200-303-3, ADS1200-303-4.

Inboard Landing Gear Door Hinges for PA-31 Series Aircraft

Stronger and more durable than the originals
P/N DH31-100-1

- Made of stainless steel, rather than aluminum
- New bearings and hardware included
- Addresses AD2000-25-01 which requires repetitive inspections of the inboard landing gear door hinge

Piper Aircraft with STC SA02142AD-D Installed
PA-31-300, PA-31-310, PA-31-325, PA-31-350, PA-31P, PA-31P-350, PA-31T, PA-31T1, PA-31T2, PA-31T3

Mfg by AeroTwin

Door Latch for Piper Navajo PA-31

P/N AF472-004 approved for PA-31-310,325,350 models with and without extended cargo door

- Improved wear resistance
- Precision wire EDM machined solid stainless steel
- Precision fit - drop in direct replacement
- Will not deform after extended use!



Cessna Door Latch Springs

P/N 0417016-1
P/N 0417016-2
P/N 0417016-KT

No more buying more than you need!
Kit includes (1) each P/Ns 0417016-1 and 0417016-2

- Save $$$
- Convenient kit for one full door latch assembly
- Fits many Cessna aircraft
- Also replaces OEM P/N 0511261-4 and 0511261-5 from earlier Cessna models



P/N 0417016-2



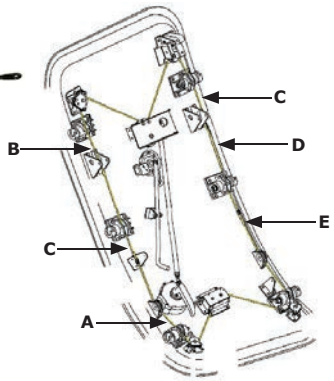
P/N 0417016-1

Mfg by Textron

Beechcraft Airstair Door Latch Cables

FAA-PMA approved
Save $$$





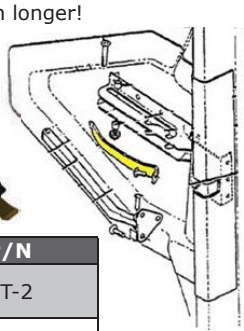
Beechcraft Airstair Door Latch Cables		
Model	**Airstair Door Latch**	**Idx**
1900, 1900C, 1900C (C-12J)	114-514030-1AC	A
	114-514030-9AC	B
	114-514030-13AC	C
	114-514030-17AC	D
	114-514030-21AC	E
1900D	129-514059-1AC	
	129-514059-13AC	
	129-514059-25AC	
	129-514059-33AC	

Cessna Door Springs

Direct replacement for Cessna 182, 206, 210, and 337

NEW

- Added support for stronger springs
- Steel coated with black oxide and oil — will last much longer!
- Bolstered hardware design prevents cracking
- Better lubrication





Won't crack like the old OEM springs!

Aircraft Models	Spring P/N	Kit P/N
182P[1],Q,R,S,T, F182P,Q, T182,T	MC1411207-1	DS-KT-2
	MC1411207-2	
206H, T206H, TU206F[2],G, U206F[3],G	MC1411207-1	DS-KT-2
	MC1411207-2	
210J,K,L, T210J,K,L	MC1411207-1	DS-KT-2
	MC1411207-2	
337,A,B,C,D,E,F, F337E,F, FT337E,F, M337B, T337B,C,D,E,F	MC1411207-1	DS-KT-2
	MC1411207-2	

[1] Partial model eligibility 182P S/N 18261426 thru 18265175
[2] Partial model eligibility TU206F S/N U20601875 thru U20603521
[3] Partial model eligibility U206F S/N U20601875 thru U20603521

Nosecone Baggage Door Latch/Lock Kits for Piper Aircraft

Save $$$ Satisfying AD2009-13-06R1 Requirements for PA-23, PA-31, and PA-42 Series Aircraft

Improved FAA-PMA direct replacement lock, placard kits, and convenient kits for all hardware required by Piper Service Bulletin 1194B to comply with AD2009-13-06R1. This AD requires a placard on the baggage door, lubricant, and inspection of all door latch components every 100 hrs and replacement of some components every 1000 hrs.

Lock Assembly Kit P/N MC88409-002

- Pre-assembled lock and offset cam helps prevent installation mistakes
- Includes clear instructions
- FAA-PMA direct replacement



Placard Kit P/N MC88451-002

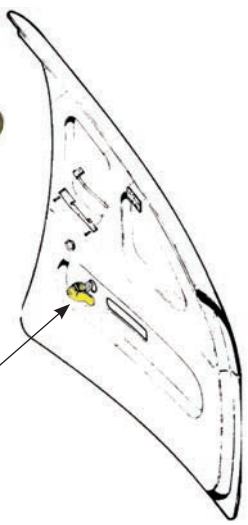
- Kit contains both a black and white version to contrast with any paint scheme
- FAA-PMA direct replacement



Complete Kits

Contains all 1000 hour mandatory replacement hardware:
MC88409-002, standard hardware, Piper original springs.

Model	Complete Hardware Kit	Lock Assembly Kit	Placard Kit
PA-23-250, PA-E23-250	PBDL-KT-1	MC88409-002	MC88451-002
PA-31, PA-31-300, PA-31-325	PBDL-KT-2	MC88409-002	MC88451-002
PA-31-350 and T-1020	PBDL-KT-2	MC88409-002	MC88451-002
PA-31P, PA-31P-350	PBDL-KT-3	MC88409-002	MC88451-002
PA-31T, PA-31T1, PA-31T2, PA-31T3	PBDL-KT-3	MC88409-002	MC88451-002
PA-42, PA-42-720	PBDL-KT-3	MC88409-002	MC88451-002
PA-42-1000	PBDL-KT-3 (Fwd) PBDL-KT-4 (Aft)	MC88409-002	MC88451-002



Lock Assembly Kit
P/N MC88409-002

Beechcraft Double Ball End Cable

1900,1900C, 1900C (C-12J)
P/N 2R59573001-1AC

- Direct replacement for OEM cable assembly
- FAA-PMA approved
- In stock!

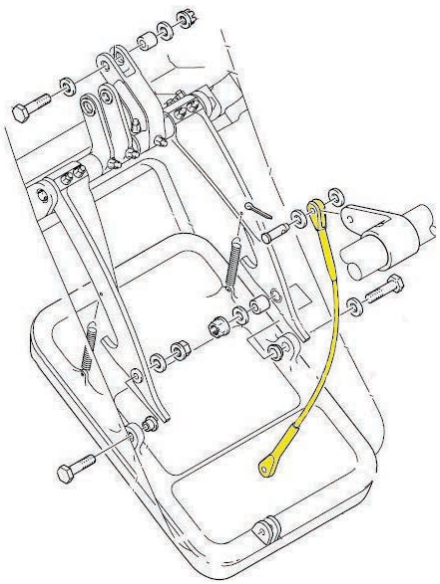


Ice-Break Cable Assembly for Bombardier Aircraft

CL-600 2C10, 2C11, 2D15, 2D24
P/N 601R318127-3AC

- FAA-PMA approved
- Save $$$
- In stock!





Nose Baggage Compartment Cargo Door Up Latch for Cessna 207

No more holding up the door while loading!
P/N AF1213922-1

- Improved strength
- Nickel plated for corrosion resistance



Manufactured by Airforms, Inc.

Boot Cowl Handle

Slightly larger to accommodate gloves!
P/N 3354H

180H,J, A185E,F, U206/TI206A,B,C,D,E,F,G, P206/TP206A

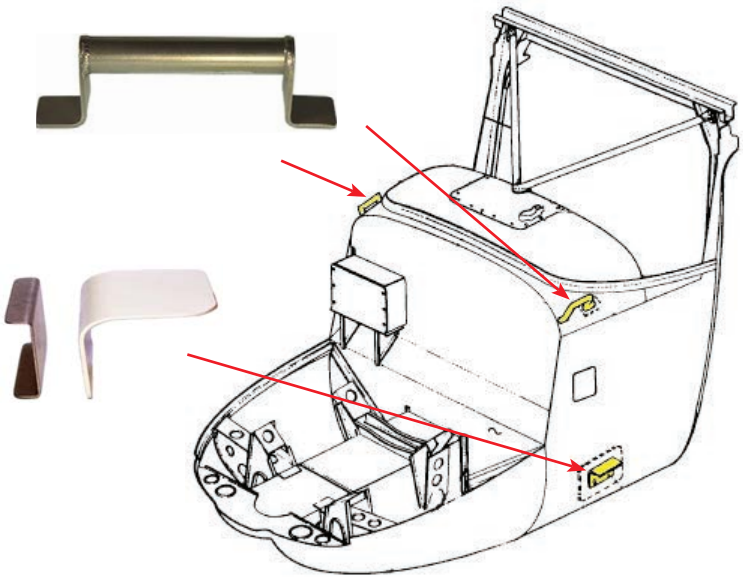
- Includes doubler
- Undrilled
- May not match up with existing bolt pattern due to alternate styles used by OEM
- Replacement for P/N 0713191-1

Boot Cowl Step

Slightly larger to accommodate hunting and fishing footwear!
P/N 3354S

U206/TU206A,B,C,D,E,F,G,
P206/TP206A

- Includes doubler
- Undrilled
- White powder coating
- Direct replacement for P/N 124022-5
- 2 per aircraft



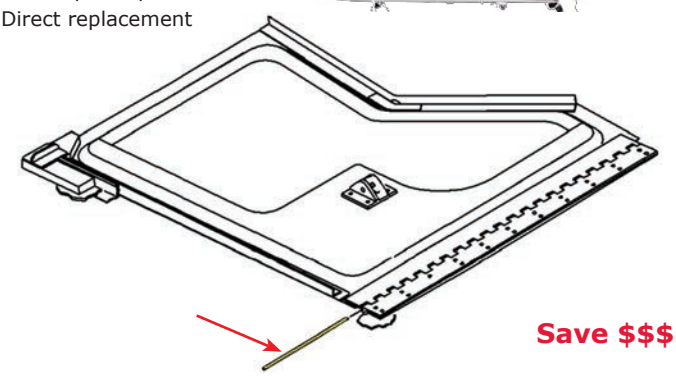
Manufactured by F Atlee Dodge

Main Gear Door Hinge Pin for Cessna Citation 550/560 Aircraft

P/N MS20253-2-2050

- Corrosion resistant
- Two required per aircraft
- Direct replacement





Manufactured by PMA Products, Inc.

Cabin Entry Step for Cessna Aircraft

P/Ns WAC711006-1 (left), -2 (right)

- Direct replacement for original
- Streamline tubing
- Internally oiled and sealed to prevent corrosion
- Includes anti-slip tape P/N WAC711006-8
- Step coated with white epoxy primer only



Maintenance Tip:
To paint, clean with pre-paint cleaner and scuff lightly with a Scotch-Brite pad or fine sand paper.

Stronger than the original!

Model	Serial Number
170, 170A,B	18000 thru 27169
180, 180A,B,C,D,E,F,G,H 1	30000 thru 18051875
185, 185A,B,C,D,E, A185E 1	1850001 thru 1851300
1 Partial model eligibility	

Refueling Step

No more step ladders

P/Ns 3190/-10, 3190/-11, 3190/-12

J3C-65, J3F-50, J3F-60, J3F-65, J-3L, J3L-65, J-4, J-4A, J-4B, J-5A, J5C, PA-11, 12, 14, 15, 16, PA18-105, 125, 135, A-135, 150, A-150, PA-19, PA-20, PA-20-115, PA-20-135, PA-22-108, 135, 150, 160

Clamps onto the main gear leg for easier refueling.

- Select part number by landing gear front tube OD:
  - 1.25" OD use P/N 3190/-10
  - 1.375" OD use P/N 3190/-11
  - 1.5" OD use P/N 3190/-12
- Powder coated white (available in "Wolf Hunter" Black for an additional charge)

Manufactured by F Atlee Dodge



FAA-PMA/STC

Main Gear Long Step

FAA-PMA/STC

Much easier cabin entry!

Easy clamp-on modification

P/N 3195

AE-1, HE-1, J3, J4, J5, PA11, PA12, PA14, PA18, PA19 Series

The Main Gear Long Step is usable on both sides of the aircraft as an entry step or refueling step. Heavy tube with three sizes of clamps.

- A must for bush gear and tires
- Alaska tested
- Durable non-skid surface stays on
- Powder coated white for durable corrosion resistance
- Available in "Wolf Hunter" Black for an additional charge



Manufactured by F Atlee Dodge

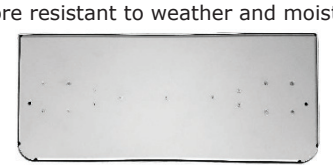
Passenger Door Step for Cessna Caravan

Durable Aluminum Step with STC!

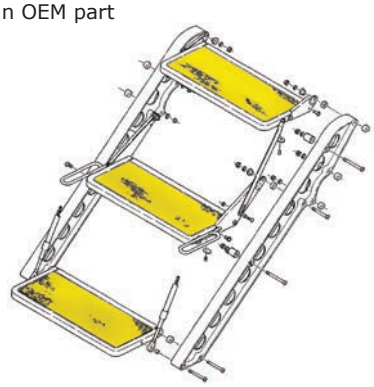
P/N AF2617076-1 or P/N KIT-AF2617076-1 (contains three steps)

Engineered for increased longevity and constructed solely from aluminum to eliminate the incidence of delaminating. Direct replacement for Cessna P/Ns 2617076-1 (lower), 2617076-10 (upper) and 2617076-11 (middle).

- Fits all Cessna 208/208B Aircraft
- Slip resistant tape
- Withstands significantly more weight than OEM part
- Longer service life
- More resistant to weather and moisture







Manufactured by Airforms Inc.

Kodiak Extended Crew Door Steps

Add a second step for the crew door, below the level of the original step

P/N AT-QK-ST

- Easier access for the crew to the cockpit
- Can be powder coated to match aircraft color
- Top step can be monogrammed with lettering (additional cost)



Manufactured by Aero Twin, Inc.



Aircraft Lighting

Now offering AeroLEDs and Whelen Lights

We now have a full product line of taxi, landing, navigation, position, and beacon lighting from AeroLEDs and Whelen (WAT). These leading manufacturers offer high-quality light solutions for many major aircraft models including Aero Commander, American Champion, Beechcraft, Cessna, Cirrus, Grumman, Mooney, Piper, and Rockwell.

- FAA-PMA, STC, and TSO approvals
- Many solutions for experimental aircraft
- Replacement bulbs and accessories also available
- Save money with lighting kits!

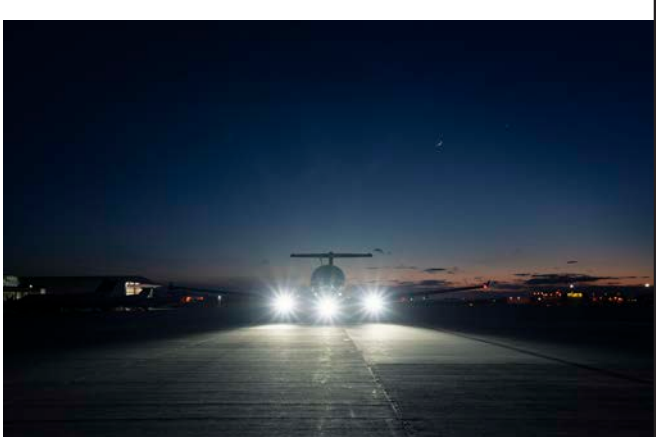
AeroLEDs

AeroLEDs offer high efficiency, direct LED replacements and retrofit solutions for virtually any aircraft. AeroLEDs are low-weight, low-drag, shock & vibration resistant, and rated for over 30,000 hours of continuous operation. They are also unaffected by on/off cycles and offer up to 80% less power consumption than incandescent. AeroLEDs unique built-in Pulse feature and synchronization is what sets them apart from other aerospace LED solutions. When power is applied to the Pulse wire, AeroLEDs wig-wag at a rate of 1Hz. Higher color temperature provides superior visibility and clarity.

Whelen Aerospace Technologies (WAT)

Whelen Aerospace Technologies is the global leader in high-end lighting products for the aerospace industry. Experienced staff designs, engineers, and manufactures high-quality products that provide safety, visibility, and recognition for aircraft across all platforms. Design engineers work closely with OEM and service provider networks to design high-performance products that enhance the pilot experience, as well as provide safety of flight.

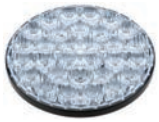




Landing, Taxi, and Recognition Lights

AeroLEDs and Whelen have many series for certified, experimental, commercial, and more





AeroLEDs SunSpot Series
Available as a drop-in replacement for PAR36, PAR46, and PAR64 Landing and Taxi Lights

- Consumes less power and produces more lumens than incandescent bulbs
- Unaffected by vibration
- Available with built-in pulse for increased recognition in daylight and night





AeroLEDs SunBeam
Fits experimental aircraft and LSAs

- Over 65% more light output than competition
- Built-in pulse mode



AeroLEDs AeroSun Series
Landing and Taxi lights fit various certified and experimental applications, including Vans RV and Cessna

- Integral thermal protection
- Built-in pulse mode

For PMA approved aircraft eligibility, visit our website
Scan this code



AeroLEDs MicroSun
Taxi and Recognition lights for lighter-weight experimental or kit planes

- Ability to mount to almost anywhere on the aircraft
- Built-in pulse mode



AeroLEDs SunRay
Fits experimental aircraft Landing and Recognition Lights

- High-powered and compact
- Small enough to fit in the wingtip cutout on Van's RV kits
- Built-in pulse mode





Whelen Parmetheus G3
STC approved drop-in replacement Landing and Taxi Lights for PAR36

- 2.5x brighter than Parmetheus Plus
- Minimum reduction in output time due to thermal overload
- Now with sealed lens





Whelen Parmetheus PRO
STC replacement Landing Lights for piston and turboprop aircraft

- Easy installation and maintenance
- Power wiring attaches to brass screw terminals



Whelen Parmetheus PLUS
FAA-PMA and STC approved drop-in replacement Landing and Taxi Lights

- Weight is virtually identical to previous lamps
- Assembly design includes clocking notch



Whelen 71685 Series
Non-certified white recognition and landing light assembly

- Designed to be a direct replacement for 70329 Halogen recognition lights
- Comes with a 30-degree optic lens



Whelen 71125 Series
Non-certified white recognition light designed to provide supplemental lighting for many applications

- Perfect for vibration prone areas
- Several different beam spreads available



Whelen 71898 Series
FAA-PMA approved recognition light, designed to be a direct replacement for A775EXP and 7042900 assemblies

- 71898P0 is the spare part for the legacy 7045301 recognition light used in the 90029 assembly
- 7189801 is the replacement for Beechcraft King Air B300's P/N 7042900



Whelen 71876 Series
Non-certified direct replacement Recognition Lights for legacy Whelen A775 and A775EXP series

See following pages for details!

Landing Lights

FAA-PMA, STC, TSO, and experimental options

AEROLEDS™

SUNSPOT SERIES
The Sunspot Series LED Landing and Taxi lights are available as a drop-in replacement for PAR36, PAR46, and PAR64 configurations with several options that are FAA/PMA/STC certified.



AEROSUN SERIES
The AeroSun Series product line has expanded to include an array of landing and taxi lights, both certified and experimental (including Vans RV) which are widely used in various custom applications.



SUNRAY
The SunRay LED landing and recognition light is commonly used with wing-mounted landing lights for most airplane types. This light is small enough to fit in the wingtip cutout on Van's RV kits.



SUNBEAM
The Sunbeam LED landing light is FAA-PMA approved for many experimental aircraft and LSAs, including Diamond DA-40, Cessna Columbia, Liberty XL, some Cirrus models, and some Grumman models.



WAT
WHELEN AEROSPACE TECHNOLOGIES

PARMETHEUS G3
Keeping the tradition of industry leading performance and value, the new PAR 46 G3 Series is 2.5 times brighter than the Parmetheus™ Plus all while maintaining the same form, fit and functionality of a drop-in LED replacement for legacy landing lights. Available in PAR-36 & 46 size, the G3 is now available in variable voltage 14-28 VDC.



PARMETHEUS PLUS
Parmetheus Plus™, an LED landing and taxi light 40% brighter than the Parmetheus™. The Parmetheus Plus™ is external flasher friendly, lightweight, low current, and moisture resistant.



Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	36	01-1030-L-A	SunSpot 36 LX	45	5,000	140,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
9-40	White	36	01-1030-L-A-P	SunSpot 36 LX with ProTech Lens	45	5,000	140,000	4.40" x 4.40" x 2.00"	A	FAA-PMA
9-40	White	46	01-2130-LX	SunSpot 46 LX	85	9,250	150,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
9-40	White	46	01-2130-HX	SunSpot 46 HX (with Pulse)	85	9,250	150,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-2500	AeroSun VX (for Vans RV)	120 (per pair)	13,300 (per pair)	120,000 (per pair)	6.30" x 5.70" x 3.40"	A	Experimental
9-40	White	N/A	01-1150	SunRay (with Pulse)	10	1,000	25,000	2.65" x 2.65" x 1.10"	A	Experimental
12	White	N/A	90-1000-12	SunBeam (with Recognition and Pulse)	38	3,300	90,000	4.00" x 2.80" x 2.00"	A	FAA-PMA,STC
12	White	36	01-1030-4313	SunSpot 36-4313	95	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	36	01-1030-LT-12	SunSpot 36 Equinox ***New!***	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	46	01-2230-LT-12	SunSpot 46 Equinox ***New!***	145	15,000	230,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
12	White	36	01-1030-4509	SunSpot 36 75W ***New!***	75	6,500	200,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
12	White	36	01-1030-4509-H	SunSpot 36 75W (with Pulse) ***New!***	75	6,500	200,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
12	White	36	01-1030-4313-H	SunSpot 36-4313-H (with Pulse)	95	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	46	01-0790906-00	Parmetheus G3			240,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
12	White	36	01-0771833-10	Parmetheus Plus			60,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
12-24	White	36	01-0772102-10	Parmetheus G3			136,273	4.38" x 4.38" x 2.05"	W	FAA-PMA,STC
24	White	N/A	90-1000-24	SunBeam (with Recognition and Pulse)	38	3,300	90,000	4.00" x 2.80" x 2.00"	A	FAA-PMA,STC
24	White	36	01-1030-LT-24	SunSpot 36 Equinox ***New!***	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4591	SunSpot 36 75W ***New!***	75	6,500	200,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
24	White	36	01-1030-4591-H	SunSpot 36 75W (with Pulse) ***New!***	75	6,500	200,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
24	White	36	900-01-100-A	SunSpot 36 PCX (for Pilatus)	100	11,000	150,000	4.40" x 4.40" x 2.25"	A	FAA-PMA,STC
24	White	36	01-1030-4596	SunSpot 36-4596	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4596-H	SunSpot 36-4596-H (with Pulse)	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-0771833-20	Parmetheus Plus			60,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
24	White	46	01-2230-4580	SunSpot 46-4580	175	19,250	250,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	46	01-2230-4580-H	SunSpot 46-4580-H (with Pulse)	175	19,250	250,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	64	01-2250-4559	SunSpot 64-4000	200	22,000	420,000	8.00" x 8.00" x 2.00"	A	FAA-PMA,STC

Taxi Lights

FAA-PMA, STC, TSO, and experimental options

AEROLEDS™

SUNSPOT SERIES
The Sunspot Series LED taxi lights consume less power, output more lumens, and aren't affected by vibrations compared to incandescent bulbs. This series is ideal for experimental, certified, commercial, and military aircraft.



AEROSUN SERIES
Serving as the launch product for AeroLEDs in 2006, the AeroSun Series product line has expanded to include an array of products, both certified and experimental (including Vans RV) which are widely used in various custom applications.



MICROSUN
MicroSun LED taxi and aircraft recognition lighting is very versatile, with the ability to be mounted almost anywhere on an aircraft. Their compact profile makes them the perfect option for lighter-weight Experimental or Kit planes.



WAT
WHELEN AEROSPACE TECHNOLOGIES

PARMETHEUS G3
Keeping the tradition of industry leading performance and value, the new PAR 46 G3 Series is 2.5 times brighter than the Parmetheus™ Plus all while maintaining the same form, fit and functionality of a drop-in LED replacement for legacy landing lights. Available in PAR-36 & 46 size, the G3 is now available in variable voltage 14-28 VDC.



PARMETHEUS PLUS
Parmetheus Plus™, an LED landing and taxi light 40% brighter than the Parmetheus™. The Parmetheus Plus™ is external flasher friendly, lightweight, low current, and moisture resistant.



Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	36	01-1030-L-B	SunSpot 36 LX	45	5,000	40,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
9-40	White	36	01-1030-H-B	SunSpot 36 (with Pulse)	45	4,950	15,000	4.40" x 4.40" x 1.90"	A	FAA-PMA,STC
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-2500	AeroSun VX (for Vans RV)	120 (per pair)	13,300 (per pair)	120,000 (per pair)	6.30" x 5.70" x 3.40"	A	Experimental
9-40	White	N/A	01-1170	MicroSun (with Pulse)	24	2,640	15,000	3.10" x 1.90" x 2.00"	A	Experimental
9-40	White	N/A	01-1170-A	MicroSun External Mount (with Pulse)	24	2,640	15,000	3.10" x 0.90" x 2.00"	A	Experimental
12	White	36	01-0771833-15	Parmetheus Plus			15,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
12	White	36	01-1030-4519	SunSpot 36-4519 ***New!***	75	8,250	60,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
12	White	36	01-1030-4519-H	SunSpot 36-4519 (with Pulse) ***New!***	75	8,250	60,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
12	White	36	01-1030-LT-12	SunSpot 36 Equinox ***New!***	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	46	01-2230-LT-12	SunSpot 46 Equinox ***New!***	135	15,000	50,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
12	White	36	01-1030-4314	SunSpot 36-4314	95	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	36	01-1030-4314-H	SunSpot 36-4314-H (with Pulse)	95	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12-24	White	36	01-0772102-15	Parmetheus G3			35,000	4.38" x 4.38" x 2.05"	W	FAA-PMA,STC
24	White	36	01-1030-LT-24	SunSpot 36 Equinox ***New!***	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4626	SunSpot 36-4626 ***New!***	75	8,250	60,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
24	White	36	01-1030-4626-H	SunSpot 36-4626 (with Pulse) ***New!***	75	8,250	60,000	4.40" x 4.40" x 2.00"	A	FAA-PMA,STC
24	White	36	01-0771833-25	Parmetheus Plus			15,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
24	White	36	01-1030-4587	SunSpot 36-4587	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4587-H	SunSpot 36-4587 (with Pulse)	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	900-01-100-C	SunSpot 36 PCX	100	11,000	50,000	4.40" x 4.40" x 2.25"	A	FAA-PMA,STC
24	White	46	01-2230-4554	SunSpot 46-4554	175	19,250	100,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	46	01-2230-4554-H	SunSpot 46-4554-H (with Pulse)	175	19,250	100,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC

Recognition Lights

FAA-PMA, STC, TSO, and experimental options

AEROLEDS™

SUNRAY
The SunRay LED landing and recognition Light is commonly used with wing-mounted landing lights and is available for most airplane types. This light is small enough to fit in the wingtip cutout found in Van's RV kits.



AEROSUN
Serving as the launch product for AeroLEDs in 2006, the AeroSun Series product line has expanded to include an of array products, both certified and experimental which are widely used in various custom applications.



MICROSUN
MicroSun LED taxi and aircraft recognition lighting is very versatile, with the ability to be mounted almost anywhere on an aircraft. Their compact profile makes them the perfect option for lighter-weight Experimental or Kit planes.



WHELEN AEROSPACE TECHNOLOGIES



71125 Series
Designed to provide supplemental lighting for a wide variety of aircraft applications. Provides all of the advantages of LED's as a light source, no EMI/RFI, low current draw, low heat, long life. Perfect for vibration prone areas. Several different beam spreads available.



71685 Series
71685 Series LED Recognition and Landing light assembly comes standard with a 30 Degree optic lens. These assemblies are designed to be a direct replacement for the 70329 Halogen recognition lights.



71888 Series
LED form, fit, and function replacement to A775 and A775EXP series.



71898 Series
Designed to be direct replacement for A775EXP and 7042900 assemblies. Model 71898P0 is painted White and is the spare part for the legacy 7045301 recognition light used in the 90029 assembly. 7189801 is the replacement for 7042900 (King Air B300's).

Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	N/A	01-1170	MicroSun with Pulse	24	2,640	15,000	3.10" x 1.90" x 2.00"	A	Experimental
9-40	White	N/A	01-1170-A	MicroSun External Mount (with Pulse)	24	2,640	15,000	3.10" x 0.90" x 2.00"	A	Experimental
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-1150	SunRay with Pulse	10	1,000	25,000	2.65" x 2.65" x 1.1"	A	Experimental
12	White	N/A	01-0771888-00	71888 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
12	White	N/A	01-0771125-10	71125 Series, 10° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771125-11	71125 Series, 20° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771125-12	71125 Series, 90° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771685-01	71685 Series			12,000	2.07" x 3.64" x 0.98"	W	Experimental
24	White	N/A	01-0771685-00	71685 Series			12,000	2.07" x 3.64" x 0.98"	W	Experimental
24	White	N/A	01-0771888-01	71888 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-00	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-01	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-P0	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771125-20	71125 Series, 10° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-21	71125 Series, 20° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-23	71125 Series, 30° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-22	71125 Series, 90° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental

Navigation, Strobe, and Position Lights

AeroLEDs and Whelen have a variety of certified and experimental options







AeroLEDs Pulsar Series

FAA-TSO approved fits certified or experimental aircraft

- Several options include anti-collision, strobe, and/or position features
- Can be used for both fixed wing and rotorcraft



AeroLEDs SunTail

FAA-TSO approved direct replacement fits certified or experimental aircraft

- Strobe synchronization available
- Simple drop-in replacement



AeroLEDs Polaris

LED replacement navigation bulb for installation behind existing green or red forward-facing navigation lenses

- Light output meets and exceeds its replacement
- Simple drop-in replacement

For PMA approved aircraft eligibility, visit our website
Scan this code



Whelen Orion

FAA-TSO and STC red and green direct replacement position lights with built-in white anti-collision tail light feature

- Built-in tail light feature to eliminate the need for separate flasher boxes
- Synchronizable capabilities
- Easy installation and maintenance





Whelen BLAZE

Non-certified position, anti-collision, and tail lights for LSA and experimental

- Designed to replace AVEO Powerburst light assemblies
- Light-weight and low drag
- Aerodynamic with vibration and moisture resistance





Whelen Microburst

Non-certified navigation lights for LSA and experimental aircraft

- Low current, long life, lightweight
- Aerodynamic with vibration and moisture resistance
- Replaceable lenses



Whelen Chroma

FAA-TSO and STC direct replacement for W129028, 129028, A7512-24, W628, 628 incandescent bulbs

- Nickel-plated hard contact eliminates premature wear
- O-ring allows for a more secure connection to lamp socket, reducing wear over time
- Unique reflector design allows for full FAR coverage compliance



Whelen 71554 Series

FAA-TSO and STC approved direct replacement for A555A and 71011 tail lights

- Available in horizontal or vertical mount
- Models -01 and -02 come with flying leads
- Model -03 has a pin and ring terminal for connections

See following pages for details!



Whelen 90613 Series

FAA-TSO and STC position white anti-collision light for Cessna Caravan aircraft

- Same hole pattern as original Cessna Caravan light
- Interconnect with standard Amp Mate-N-Lock connectors



Whelen 71105 Series

FAA-TSO approved direct replacement for Whelen W1285 position lights

- Available in green or red
- Significant reduction in electrical current draw over conventional bulbs



Whelen 71379 Series

FAA-TSO approved wingtip forward position red or green light

- Designed to be located under a fairing, but suitable for external mounting
- Replaces GRIMES A1815A and Whelen W1250

Navigation, Strobe, and Position Lights

FAA-STC, TSO, and experimental options

AEROLEDS™

PULSAR SERIES
This series is ideal for experimental, certified, commercial, ARFF, and military aircraft both new and retrofit designs. All lights meet and exceed the TSO requirement for navigation/ position and anti-collision strobe.



POLARIS
Polaris Position Light Bulb serves as an LED replacement for traditional incandescent position lighting. They are to be installed behind a green or red forward-facing navigation lens.





SUNTAIL
LED anti-collision strobe and position light designed for the tail of the aircraft. SunTail can synchronize its strobe with any of AeroLEDs LED lighting products. SunTail does not require an external power supply and will retrofit the mounting footprint of legacy lighting.

WAT
WHELEN AEROSPACE TECHNOLOGIES

ORION
Whelen offers multiple Orion series, including Orion 500, 600, 650, 650E, and 660. These different series navigation and anti-collision lights are the same footprint and mounting as the legacy Whelen part for easy installation and retrofit.



MICROBURST PLUS
These assemblies provide navigation and anti-collision functions, just like the original assemblies but with an updated internal optic reflector design. The new reflector improves the aesthetics and provides greater light output performance.



BLAZE
The BLAZE series is an all LED wingtip position, anti-collision, and tail light assembly for the LSA and experimental market. Low drag and light weight without compromising safety and visibility.





71554 SERIES
This series is an exact footprint for Whelen A555A and 71011 tail lights. Available in horizontal or vertical mount. Models -01 and -02 come with flying leads. Model -03 has a pin and a ring terminal for connections.



71105 SERIES
These FAA-TSO approved forward position lights provide a significant reduction in electrical current draw over conventional bulbs. Direct replacement for Whelen W1285 series (Version STC on Learjet Aircraft).



71379 SERIES
These LED wingtip forward position lights are designed to go under a fairing, but they are also suitable for external mounting. Replaces GRIMES A1815A and Whelen W1250.



CHROMA
Chroma series position lamps provide consistent light output, compared to filament lamps and LED resistor type designs. Its robust-machined base provides significant vibration resistance.

Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Type	Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
N	12	Green	Pulsar N (Right)	11-1280-A-12-R	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	12	Green	71105 Series	01-0771105-01		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	12	Green	71379 Series	01-0771379-11		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	12	Green	Chroma	01-0771900G14		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	12	Red	Pulsar N (Left)	11-1280-A-12-L	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	12	Red	71105 Series	01-0771105-02		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	12	Red	71379 Series	01-0771379-12		4.50" x 3.25" x 3.50"	W	FAA-TSO
N	12	Red	Chroma	01-0771900R14		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	24	Green	Pulsar N (Right)	11-1280-A-24-R	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	24	Green	71105 Series	01-0771105-03		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	24	Green	71379 Series	01-0771379-01		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	24	Green	Chroma	01-0771900G28		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	24	Red	Pulsar N (Left)	11-1280-A-24-L	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	24	Red	71105 Series	01-0771105-04		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	24	Red	71379 Series	01-0771379-02		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	24	Red	Chroma	01-0771900R28		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC

Continued on next page

Navigation, Strobe, and Position Lights continued from previous page

FAA-STC, TSO, and experimental options







Continued from previous page

Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Type	Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
NS	12	Green	Pulsar NS (Right)	11-1280-B-12-R	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	12	Green	Pulsar NS	01-1280-B-12-R	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NS	12	Green	Orion 650	01-0790725-01		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	12	Green	Orion 650E	01-0790701-01		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	12	Red	Pulsar NS (Left)	11-1280-B-12-L	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	12	Red	Pulsar NS (Left)	01-1280-B-12-L	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NS	12	Red	Orion 650	01-0790725-02		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	12	Red	Orion 650E	01-0790701-02		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0471507-00		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0471519-01		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0471519-00		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	White	Microburst Plus	01-0771490-00		2.16" x 1.71" x 2.23"	W	Experimental
NS	24	Red	Pulsar NS (Left)	11-1280-B-24-L	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	24	Red	Pulsar NS (Left)	01-1280-B-24-L	22	4.00" x 1.90" x 1.50"	A	Experimental
NS	24	Red	Orion 650	01-0790725-12		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	24	Red	Orion 650E	01-0790701-12		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	24	Green	Pulsar NS (Right)	11-1280-B-24-R	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	24	Green	Pulsar NS (Right)	01-1280-B-24-R	22	4.00" x 1.90" x 1.50"	A	Experimental
NS	24	Green	Orion 650	01-0790725-11		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	24	Green	Orion 650E	01-0790701-11		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NSP	12	Green	Pulsar NSP (Right)	11-1280-C-12-R	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	12	Green	Pulsar NSP (Right)	01-1280-C-12-R	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NSP	12	Green	Orion 600	01-0771733-01		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	12	Green	Orion 660	01-0790877-01		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	12	Red	Pulsar NSP (Left)	11-1280-C-12-L	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	12	Red	Pulsar NSP (Left)	01-1280-C-12-L	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NSP	12	Red	Orion 600	01-0771733-02		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	12	Red	Orion 660	01-0790877-02		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	12	Red and Green Pair	Pulsar (Pair)	11-1100-12	39	5.60" x 1.90" x 1.40"	A	FAA-TSO
NSP	12	Red and Green Pair	Blaze (Pair)	01-95001-03		4.57" x 1.33" x 1.12"	W	Experimental
NSP	24	Green	Pulsar NSP (Right)	11-1280-C-24-R	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	24	Green	Pulsar NSP (Right)	01-1280-C-24-R	22	4.00" x 1.90" x 1.50"	A	Experimental
NSP	24	Green	Orion 600	01-0771733-11		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	24	Green	Orion 660	01-0790877-11		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	24	Green	90613 Series	01-0790613-91		5.61" x 1.77" x 5.82"	W	FAA-TSO,STC
NSP	24	Red	Pulsar NSP (Left)	11-1280-C-24-L	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	24	Red	Pulsar NSP (Left)	01-1280-C-24-L	22	4.00" x 1.90" x 1.50"	A	Experimental
NSP	24	Red	Orion 600	01-0771733-12		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	24	Red	Orion 660	01-0790877-12		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	24	Red	90613 Series (Caravan)	01-0790613-92		5.61" x 1.77" x 5.82"	W	FAA-TSO,STC
NSP	24	Red and Green Pair	Pulsar (Pair)	11-1100-24	45	5.60" x 1.90" x 1.40"	A	FAA-TSO
P	12	White	71554 Series Horizontal Aft	01-0771554-11		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	12	White	71554 Series Vertical Aft	01-0771554-12		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	12	White	Orion 500 Tail Position	01-0771774V01		2.17" x 1.71" x 3.72"	W	FAA-TSO,STC
P	24	White	71554 Series Horizontal Aft	01-0771554-01		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	24	White	71554 Series Vertical Aft	01-0771554-02		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	24	White	Orion 500 Tail Position	01-0771774V02		2.17" x 1.71" x 3.72"	W	FAA-TSO,STC
PS	12	White	SunTail	11-1260-12	12	2.20" x 1.70" x 1.40"	A	FAA-TSO
PS	12	White	SunTail	01-1260-12	12	2.20" x 1.70" x 1.40"	A	Experimental
PS	12	White	Polaris Position Bulb	11-7512-12	7	2.00" x 1.30" x 1.10"	A	FAA-PMA
PS	12	White	Orion 550	01-0772070V01	12	1.87" x 1.75" x 2.17"	W	FAA-TSO
PS	24	White	SunTail	11-1260-24	12	2.20" x 1.70" x 1.40"	A	FAA-TSO
PS	24	White	SunTail	01-1260-24	12	2.20" x 1.70" x 1.40"	A	Experimental
PS	24	White	Polaris Position Bulb	11-7512-24	7	2.00" x 1.30" x 1.10"	A	FAA-PMA

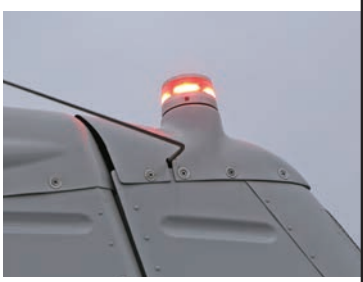
Beacon Lights

AeroLEDs and Whelen have a variety of TSO certified beacon options











AeroLEDs SunBeacon II
FAA-TSO approved red or white beacon
- Direct replacement for standard rotating aircraft beacons and flashing beacons
- Extremely low profile for reduced drag
- Requires zero maintenance



Whelen 90520
FAA-TSO and STC approved flashing red/white split beacon
- Designed to replace strobe light heads as small as the A470A
- Mounting plate included



Whelen 90724
FAA-TSO approved red beacon
- Obsolete the "old style" mechanical oscillating beacons
- No moving parts, no EMI/RFI, and no inrush spikes
- Crisp on-off cycles



Whelen 71080
FAA-TSO and STC approved red beacon
- Designed to replace exisiting beacons utilizing a 2½" diameter footprint
- Can also replace remote mounted strobe lights
- Internal mounting plate is provided with the choice of mounting holes to retrofit most existing mounting patterns



Whelen 71410
FAA-TSO approved white beacon
- Designed to replace 3¾" opening found with Whelen's HRCFA/SACF style strobe units
- Also designed to replace rotating beacons



Whelen Orion 360
FAA-TSO and STC approved red, white, or red/white split beacons
- Designed to replace legacy 90520, 71410, and 71055 series beacons
- Lower profile than legacy product by 60%

For PMA approved aircraft eligibility, visit our website
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Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
12	Red	71080 Series, A470A Mount, Mate-N-Lock	01-0771080-51		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
12	Red	71080 Series, 3.75” Adapt, Flying Leads	01-0771080-55		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
12	Red and White Split	90520 Series, A470A Mount, Mate-N-Lock	01-0790520-51		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
12	Red and White Split	90520 Series, 3.75” Adapt, Flying Leads	01-0790520-55		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
12	Red and White Split	Orion 360, 2.6” Base	01-0772010-70		2.60" x 2.60" x 1.60"	W	FAA-STC
12	Red and White Split	Orion 360, 3.75” Base	01-0772010-72		3.67" x 3.67" x 2.83"	W	FAA-STC
12	Red	Orion 360, 2.6” Base	01-0772010-50		2.60" x 2.60" x 1.60"	W	FAA-STC
12	Red	Orion 360, 3.75” Base	01-0772010-52		3.67" x 3.67" x 2.83"	W	FAA-STC
12	Red	SunBeacon II	11-2200-A-12	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
12	White	SunBeacon II	11-2200-B-12	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	Red	71080 Series, A470A mount	01-0771080-01		2.60" x 2.60" x 3.64	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, Flying Leads	01-0771080-04		5.14" x 5.14" x 3.64	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75” Adapt, Flying Leads	01-0771080-05		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC

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Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
24	Red	71080 Series, 1.750” mount pattern	01-0771080-06		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75” Adapt, MSConn, Lower	01-0771080-07		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, MSConn	01-0771080-08		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, Flying Leads, Lower	01-0771080-14		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75” Adapt, Flying Leads, Lower	01-0771080-15		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75” Adapt, MSConn, Lower	01-0771080-17		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, MSConn, Lower	01-0771080-18		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, Airbus Helicopter	01-0771080-30		2.70" x 5.95" x 5.79"	W	EASA-STC, FAA-PMA,STC
24	Red	Orion 360, 2.6” Base	01-0772010-10		2.60" x 2.60" x 1.60"	W	FAA-STC
24	Red	Orion 360, 3.75” Base	01-0772010-12		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red	Orion 360, 3.75” Base Lower Mount	01-0772010-13		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red	SunBeacon II	11-2200-A-24	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	Red	90724 Series, Upper 5-mount, Cable Pigtail	01-0790724-12		9.88" x 2.38" x 2.70"	W	FAA-TSO
24	Red	90724 Series, 5-hole Rudder Mount, Cable Pigtail	01-0790724-14		9.88" x 2.38" x 2.70"	W	FAA-TSO
24	Red	90724 Series, Lower 8-hole Mount, Cable Pigtail	01-0790724-19		11.43" x 3.87" x 2.84"	W	FAA-TSO
24	Red and White Split	90520 Series, A470A Mount, Flying Leads	01-0790520-01		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, Flying Leads	01-0790520-04		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75” Adapt, Flying Leads	01-0790520-05		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75” Adapt, MSConn	01-0790520-07		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, MSConn	01-0790520-08		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, Flying Leads, Lower	01-0790520-14		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75” Adapt, Flying Leads, Lower	01-0790520-15		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75” Adapt, MSConn, Lower	01-0790520-17		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, MSConn, Lower	01-0790520-18		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	Orion 360, 2.6” Base	01-0772010-30		2.60" x 2.60" x 1.60"	W	FAA-STC
24	Red and White Split	Orion 360, 3.75” Base	01-0772010-32		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red and White Split	Orion 360, 3.75” Base Lower Mount	01-0772010-33		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	Orion 360	01-0772010-20		2.60" x 2.60" x 1.60"	W	FAA-STC
24	White	Orion 360	01-0772010-22		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	Orion 360	01-0772010-23		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	SunBeacon II	11-2200-B-24	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	White	71410 Series, 2.75” Base	01-0771410-01		2.60" x 2.60" x 3.64"	W	FAA-TSO
24	White	71410 Series, 3.66” Base Upper Mount	01-0771410-05		3.66" x 3.66" x 3.92"	W	FAA-TSO
24	White	71410 Series, 5.14” Base Upper Mount	01-0771410-08		5.14" x 5.14" x 5.43"	W	FAA-TSO
24	White	71410 Series, 3.66” Base Lower Mount	01-0771410-15		3.66" x 3.66" x 3.92"	W	FAA-TSO
24	White	71410 Series, 5.14” Base Lower Mount	01-0771410-18		5.14" x 5.14" x 5.43"	W	FAA-TSO

Manufacturer: A AeroLEDs W Whelen Aerospace Technologies (WAT)








Lighting Kits, Accessories, and Replacement Lenses

We offer a variety of replacement lighting components and aircraft specific kits!

AeroLEDs Landing and Taxi Light Kits

FAA-PMA/STC approved for Beechcraft, Cessna, and Pilatus Aircraft

- 5-year warranty
- Thermal protection
- Consumes less power, outputs more light
- Unaffected by vibration, compared to incandescent bulbs



P/N 900-01-100-C
SunSpot Pilatus Taxi



P/N 900-01-100-A
SunSpot Pilatus Landing

Models	Kit P/N	Figure	Kit Contents
Beechcraft			
65-90, 65-A90, 65-A90-1, 65-A90-2, 65-A90-3,65-A90-4, B90, C90, C90A, C90GT, E90, H90,100, A100, A100A, A100C, B100,200, A200, 200T, A200C, 200C, A200CT, 200CT,B200, B200C, B200T, B200CT, 300, B300,B300C, B200GT, B200CGT	KIT-0041	18	(2) SunSpot 36 LX Landing Lights (01-1030-L-A) (1) SunSpot 36 LX Taxi Light (01-1030-L-B)
Cessna			
208, 208B	KIT-0042	19	(1) SunSpot 36-4587 Taxi Light (01-1030-4587) (1) SunSpot 46-4580 Landing Light (01-2230-4580)
Pilatus			
Pilatus, PC12	KIT-0034	15	(2) Pilatus Landing Lights (900-01-100-A) (1) Pilatus Taxi Light, (900-01-100-C) (2) Pilatus Spec Landing and Taxi Connectors

AeroLEDs and Whelen Lighting Accessories

Mounting kits, connectors, flashers, and more!

- FAA-PMA/STC approved
- 5-year warranty
- Thermal protection
- Consumes less power, outputs more light
- Unaffected by vibration, compared to incandescent bulbs

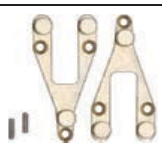
Lighting Accessories		
Description	**Figure**	**P/N**
Connector pin crimpers	1	02-1000
20 AGW, 4 C Tefzel Shielded Wire (25 ft spools)	2	00-8677
18 AGW, 4 C Tefzel Shielded Wire (25 ft spools)	3	00-8678
NS Mount Kit (Single kit)	4	KIT-0008
SunBeacon II Twist Mount Kit	5	01-1096
Synchronizer	6	00-8120
ProTech Lens Cover Sunspot 36	7	KIT-0003
Mount Kit, Aerosun	8	KIT-0012
ProTech Lens Cover Sunspot 46	9	KIT-0013
RV KIT Pulsar NS, SunTail	10	KIT-0016
RV KIT Pulsar NS, SunTail, 2 AeroSun	11	KIT-0017
RV KIT Pulsar NS, SunTail, 2 SunRay Plus	12	KIT-0018
RV KIT Pulsar ExP, 2 AeroSuns	13	KIT-0019
Mount Kit, Sunray Plus	16	KIT-0035
CONNECTOR KIT, TYCO	17	KIT-0037
MOUNT CUP, 3.75" Adapter, SunBeacon II	20	KIT-0049
ADAPTER PLATE, Pulsar/Pulsar NS, Aeroflash Conversion	21	KIT-0053
Fairing Adapter	22	KIT-01-1091
Eco Flasher Box 5A 10-28V DC	23	01-0771700-00
Flasher Assembly (fits with Anti-Collision Light P/N 01-0771987-00 for Restart Cessnas)	14	01-0771985-17
LED Flasher Module 14V (upgrades Landing and Taxi lights to have the "wig-wag" function, such as Parmetheus G3) ***New!***	24	01-0771700-01

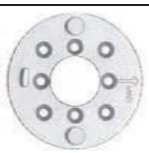


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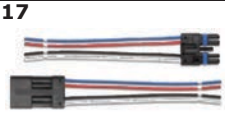

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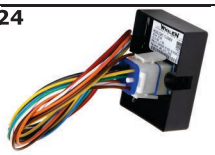

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Lighting Kits, Accessories, and Replacement Lenses continued from previous page

We offer a variety of replacement lighting components and aircraft specific kits!

Replacement Lenses and Bulbs		
Description	**Figure**	**Part Number**
Light Bulb, Replacement Starlight 28V	1	01-7079-24
A469B Flash Tube Assembly	2	01-0770044-02
A610 Flash Tube Assembly	3	02-0250276-00
ERC Halogen Tail Lamp 14V	4	34-0412070-63
Reflector Lamp	5	34-0428020-65
Red Lens Assembly[1]	6	68-2170504-50
Red and White Split Lens Assembly[1]	7	68-2170504-60
A612 Standard Clear Lens	8	68-2290005-30
Green Glass Dome (Position Light Lens)[2]	9	68-4230020-40
Red Glass Dome (Position Light Lens)[2]	10	68-4230020-50
Parmetheus Plus PAR36 Series Lens		68-3971486A30
Strobe Light Mounting Bracket for PA-18 and PA-19	11	2087

Notes:

[1] Used in Whelen A470A, 7509, 70285, and HRCFA series Anti-Collision Assemblies

[2] Used with the A650 PG/PR Anti-Collision Assembly as well as Legacy A429, A600 PG/PR, 90029, 90159, 90193, 90209, W1250 PG/PR, and W1285 Whelen model assemblies























AEROLEDS™

WHELEN AEROSPACE TECHNOLOGIES



Wing Tip Bracket

FAA-STC for Beech Bonanzas and Barons with wrap-around style wing tip lenses
P/N GAL01-5720-001
Easily install Whelen lighting without the hassle of major modifications!

- Avoid expensive flashtubes for your strobes or obsolete replacements by having the option to install upgraded lights!
- Save time and $$$
- 5 year warranty

Updated lights will give you better recognition for safety and visibility!

Can be equipped with WAT lights:

- Orion 500 tail LED nav and strobe (white)
- Orion 650E nav (red or green) and white LED strobe (14V or 28V)
- 71125 forward facing LED recognition/landing

Manufactured by Gallagher Aviation





STC Approved Beech Models with Wrap-around Wing Tips Lenses
35, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35R, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC, B36TC, G36, E33, E33A, E33C, F33, F33A, F33C, D55, D55A, E55, E55A, 56TC, A56TC, 58

Note: early models must be modified with wrap-around wing tip lenses

Wing Tips for AeroLEDs Lights

Optimized for use with AeroLEDs Pulsar LED nav/strobe
The wing tips are built by Stene Aviation using the latest resins and aviation grade E-glass weaves to insure the highest quality of part.

	LH		RH	
Aircraft	SA-0523565-29LED	SA-0723200-5LED	SA-0523565-30LED	SA-0723200-6LED
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150L,M	•		•	
152, A152	•		•	
170, 170A,B	•		•	
172, 172A,B,C,D,E,F,G,H,I,K,L	•		•	
172M,N,P,Q,R,S, 172RG, R172K		•		•
175, 175A,B,C	•		•	
180, 180A,B,C,D,E,F,G,H	•		•	
180J,K		•		•
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N	•		•	
182P,Q,R,S, R182, TR182, T182		•		•
185, 185A,B,C,D,E, A185E	•		•	
A185F		•		•
210-5 (205), 210-5A (205A)	•		•	
206, U206, U206A,B,C,D,E, TU206A,B,C,D,E	•		•	
U206F,G, TU206F,G, 206H, T206H		•		•
P206, P206A,B,C,D, TP2006A,B,C,D	•		•	
207, 207A, T207, T207A	•		•	
210, 210A,B,C,D,E,F, T210F	•		•	



For our full line of Exterior and Interior Plastic and Fiberglass parts see pages 439-496!

Quasar Cx LED Lighted Wing Tips

FAA-PMA/STC approved integrated LED landing lights with pulse recognition mode

- Brighter than any other product on the market
- Works with existing cowl mounted lights
- Recognition mode integrated into the light assembly
- No additional light controllers required
- Enhanced in flight recognition of the aircraft
- Accommodates legacy nav/strobe lights but optimized for use with AeroLEDs navigation/strobe lighting





This all new wing tip lighting package brings the latest technology to the GA market with integrated landing, taxi, and recognition modes. These Wing Tips are brighter than any other product on the market including other PAR36 LED and HID lighting solutions.

Recognition mode is integrated into the light assembly and does not require additional light controllers to flash the LED lights. This feature dramatically enhances in-flight recognition of the aircraft, which reduces the possibility of collisions.

The built-in mounting location for the nav/strobe assembly is designed to accommodate legacy nav/strobes, but optimized for use with the AeroLEDs Pulsar NSP LED nav/strobes.

Wing Tip Types	Integrated Operational Modes	Multi-Voltage Operation	Power (watts)	Lumens	Candela	Recog. Wig-Wag Mode
Quasar Cx LED lighted wing tips	Landing	Yes, 14/28v	190	17,000+	300,000+	Built-in
	Taxi		38	3,500	26,000+	
	Recognition		95	8,500+	150,000+	
Whelen PAR36 LED lighted wing tips	None		38	3496	120,000	No
HID lighted wing tips	None		70	6440	250,000	No

Kit P/N SA-0523565-2930LL
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150L,M
152, A152
170, 170A,B
172, 172A,B,C,D,E,F,G,H,I,K,L
F172D,E,F,G,H,K,L
FP172D, P172D
175, 175A,B,C
180, 180A,B,C,D,E,F,G,H
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N
185, 185A,B,C,D,E, A185E
210-5 (205), 210-5A (205A)
206, U206, U206A,B,C,D,E, TU206A,B,C,D,E
P206, P206A,B,C,D, TP2006A,B,C,D, P206E, TP206E
207, 207A, T207, T207A
210, 210A,B,C,D,E,F, T210F
Kit SA-0723200-56LL-14V or SA-0723200-56LL-28V
172M,N,P,Q,R,S, 172RG, R172K
F172,M,N,P
180J,K
182P,Q,R,S, R182, TR182, T182
182T, T182T, F182P,Q, FR182
A185F
U206F,G, TU206F,G, 206H, T206H

Exterior Plastic & Fiberglass Trim

Wing Tips, Fairings, Fin Caps, Rudder Caps, Elevator Tips, and more!

Large variety of exterior trim – all together, in one place!

McFarlane offers a huge selection of plastic and fiberglass trim and fairings!

Plastic and fiberglass exterior parts from Aircraft Development, Knots2U, Stene Aviation, and Texas Aeroplastics

Aircraft Development
Aircraft Development replacement wing tips and landing gear fairings are extra light-weight, made from an epoxy fiberglass construction, and are six times stronger and twelve times stiffer than original plastic. They are weather and UV resistant, won't become brittle and are easily repairable.

Knots 2U
Knots 2U replacement parts are made from the highest quality hand laid fiberglass. This provides for superior strength, reduced weight, and long life. The latest technology resins are used to prevent warping and shrinkage that can happen with other fiberglass. Advanced tooling and pattern techniques assure a superior fit.

Stene Aviation
Stene Aviation fiberglass replacement parts are five times stronger than the original plastic parts offered by Cessna. They are exact replacements of the originals and come primed and ready for paint. The product line includes Cessna wing tips, strut cuffs, fin caps, rudder caps/bottoms, stabilizer tips, wheel pants, and much more.

Texas Aeroplastics
Texas Aeroplastics replacement parts are made from top grade ABS plastic with an average service life of 15-20 years when properly fitted and professionally painted. ABS plastic parts are repairable and most have been trimmed for easy installation. All exterior ABS plastic parts are white.





Wing Tips

- Available in plastic and fiberglass
- Conical wing tips accommodate both a strobe and nav light
- Symmetrical wing tips accommodate a strobe light



Main Wheel Fairings (Wheel Pants)

Easy tire valve access!

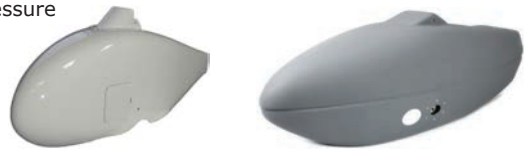
- Available in fiberglass
- Knots 2U main wheel fairings feature an access door to easily check tire pressure
- Stene Aviation main wheel fairings feature a removable plastic plug to easily check tire pressure



Nose Wheel Fairings (Wheel Pants)

Easy tire valve access!

- Available in ABS plastic and fiberglass
- Knots 2U nose gear fairings feature an access door to easily check tire pressure
- Feature a removable plastic plug to easily check tire pressure



Strut Fairings

Strut to Wing and Strut to Fuselage Fairings

Plastic un-split (FAA-PMA) fairings by Texas Aeroplastics



Fiberglass split fairings (FAA-PMA/STC) for easy installation, and un-split (FAA-PMA) by Stene Aviation



Plastic PRO split fairings (FAA-PMA) for easy installation by Knots 2U



Fiberglass split fairings (FAA-PMA) for easy installation by Aircraft Development.



Cowl Fairings

Available in fiberglass



Air Scoop



Upper Cowl Nose Cap



Lower Cowl Nose Cap



Lower Cowl Lip

Main Landing Gear Fairings

Split for easy installation. Available in plastic from Texas Aeroplastics...



...and in fiberglass from Aircraft Development and Stene Aviation.



Lower Rear Wing Fairings

Available in fiberglass



Tailcone Fairings

Available in plastic and fiberglass





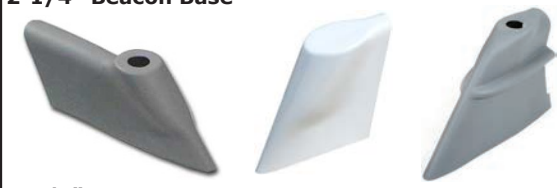


Vertical Fin Caps
Available in plastic and fiberglass

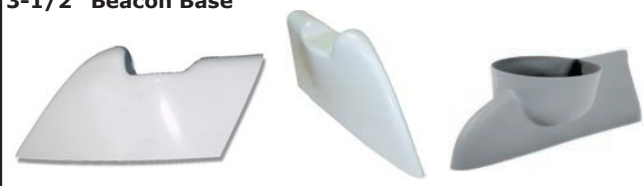
No flashing beacon



2-1/4" Beacon Base



3-1/2" Beacon Base



Brake Cover Fairings
Split for easy installation!
Available in plastic and fiberglass



Fuel Strainer Cover
Available in fiberglass



Tailwheel Steering Cable Fairings
Available in fiberglass

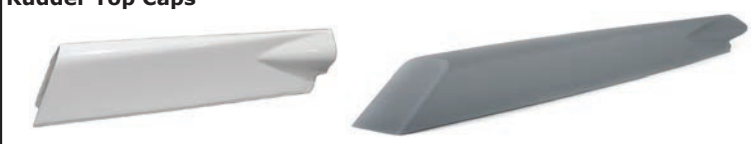


Trailing Edge Wing Root Fairing
Available in fiberglass



Rudder Caps
Available in plastic and fiberglass

Rudder Top Caps



Rudder Butts



Dorsal Fin Tips
Available in plastic and fiberglass

Forward Dorsal Fin Tips
Small triangle at the front of the dorsal fin



Aft Dorsal Fin Tips
Dorsal fin transition into the vertical fin



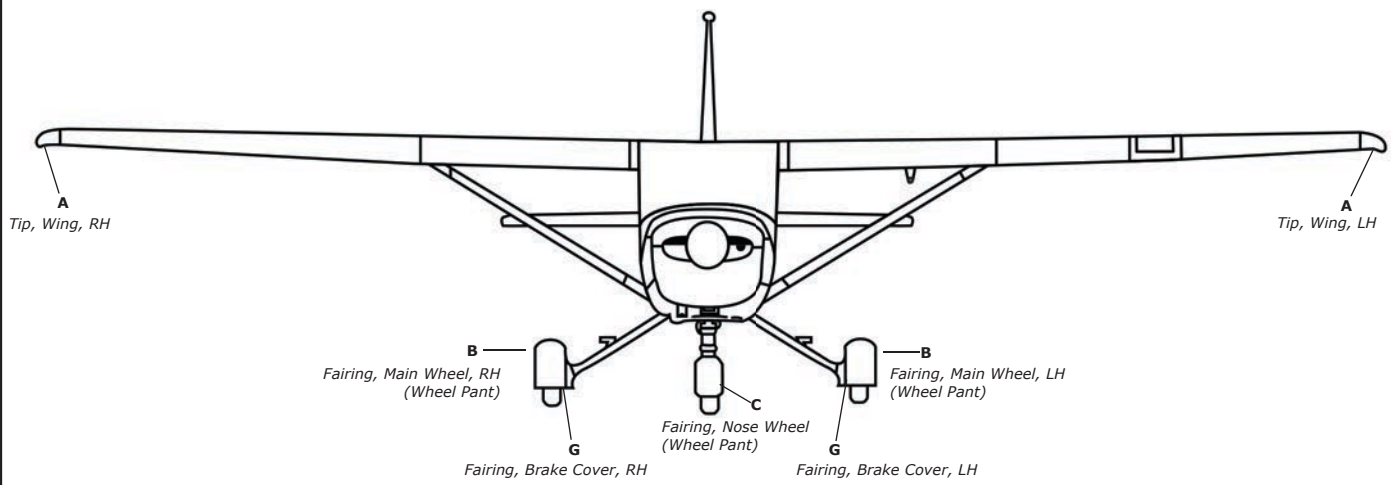
Horizontal Stabilizer Tips
Available in plastic and fiberglass

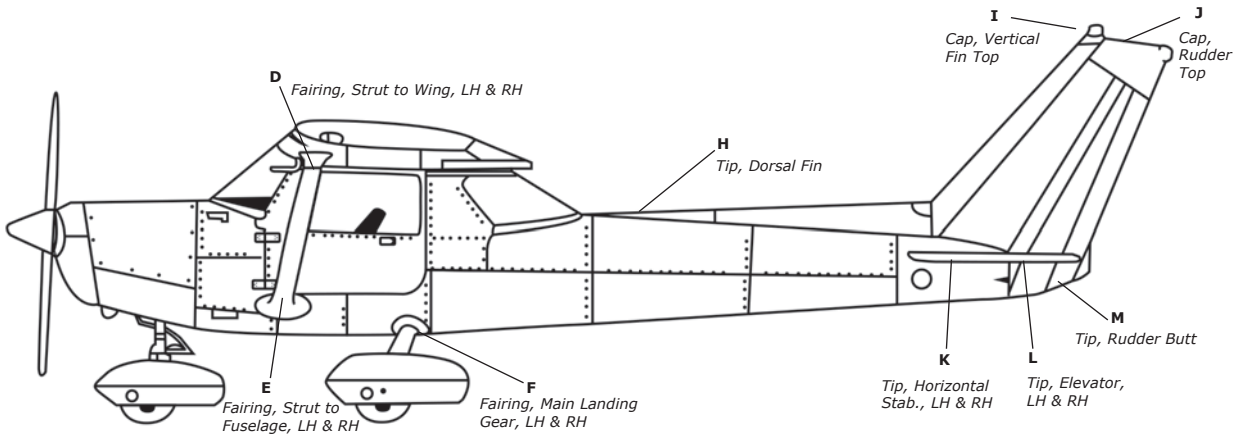


Elevator Tips
Available in plastic and fiberglass



Cessna 150 thru 152 Series





150, 150A,B,C,D,E
S/N 17001 thru 15061532

Description	Idx	Part Number
Fairing, Main Lndg Gear LH	F	FS-150-LG T
Fairing, Main Lndg Gear RH	F	FS-150-RG T
Fairing, Strut to Fuslg LH	E	SA-0421002-1SP 3 S
Fairing, Strut to Fuslg RH	E	SA-0421002-2SP 3 S
Fairing, Strut to Wing, LH	D	SA-0522150-3SP 3 S
Fairing, Strut to Wing, RH	D	SA-0522150-4SP 3 S
Rudder Bottom	M	K0430004-1-791 K
		SA-0430004-1 S
Rudder Top	J	GF0430004-2-791 1 K
		SA-0430004-2 1 S
		SA-0430004-8 2 S
Tip, Dorsal Fin, Vertical	H	GF0430004-00 1 K
		GF0430004-7-791 2 K
		SA-0430004-4 1 S
		SA-0430004-7 2 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 2 K
		GF0430004-5-791 1 K
		SA-0430004-10 2 S
		SA-0430004-5 1 S
Tip, Horiz., Stab., LH or RH	K	26-08 T
		GF0430004-11791 K
		SA-0430004-11 2 S

Continued in the next column

Continued from previous column

150, 150A,B,C,D,E continued
S/N 17001 thru 15061532

Description	Idx	Part Number
Tip, Vertical & Horizontal Stab	I	GF0430004-6-791 1 K
		SA-0430004-6 1 S
Tip, Vertical, No Beacon	I	SA-0430004-9 2 S
Tip, Wing, Conical, LH	A	SA-0523565-29 5 6 S
Tip, Wing, Conical, RH	A	SA-0523565-30 5 6 S
Tip, Wing, Std., LH or RH	A	K0723615-200 K
		SA-0723615-200 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K

Notes:
1 S/N 17001 thru 15060087 only
2 S/N 15060088 and on
3 FAA-PMA/STC approved split Fairing for easy install and removal
4 For wings with a conical wing tip
5 For kits including LH and RH, see Lighting section of catalog
6 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

Continued on next page

Manufacturer/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

Cessna 150 thru 152 Series
continued from previous page

150F,G,H,J,K
S/N 15061533 thru 15072003

Description	Idx	Part Number
Cap, Rudder Top	J	26-0431013-1-80A T
		SA-0431013-1 S
Cap, Vertical Fin Top No Beacon Base	I	K0431013-3-791 K
		SA-0431013-3 S
Cap, Vertical Fin Top 2 ¼" Beacon Base	I	26-0431017-1-80A T
		SA-0431017-1 S
Fairing, Main Landing Gear LH	F	FS-150-LG T
Fairing, Main Landing Gear RH	F	FS-150-RG T
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 9 K
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 9 K
Fairing, Nose Wheel (Wheel Pant)	C	K0743625-14 9 K
Fairing, Strut to Fuselage, LH	E	150-LFS 7 T
		K0421002-1 8 12 T
		SA-0421002-1 11 8 S
Fairing, Strut to Fuselage, RH	E	150-RFS 7 T
		K0421002-2 8 12 T
		SA-0421002-2 11 8 S
Fairing, Strut to Wing, LH	D	150-LWS 7 T
		K0522150-3 8 12 K
		SA-0522150-3 11 8 S
Fairing, Strut to Wing, RH	D	150-RWS 7 T
		K0522150-4 8 12 K
		SA-0522150-4 11 8 S
Tip, Dorsal Fin	H	SA-0431024-1 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 K
		SA-0430004-10 S
Tip, Horizontal Stab., LH or RH	K	26-08 T
		GF0430004-11791 K
		SA-0430004-11 S
Tip, Rudder Butt	M	26-11 T
		GF0431005-1-791 K
		SA-0431005-1 S
Tip, Wing, Conical, LH	A	20-51L-80A 10 T
		SA-0523565-29 14 6 S
Tip, Wing, Conical, RH	A	20-51R-80A 10 T
		SA-0523565-30 14 6 S
Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A T
		SA-0423008-3 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K

150L,M
S/N 15072004 thru 15079405

Description	Idx	Part Number
Cap, Rudder Top	J	26-0431013-1-80A 16 T
		26-15-80A 19 T
		GF0430011-2 19 K
		SA-0430011-2 19 S
		SA-0431013-1 16 S
Cap, Vertical Fin Top No Beacon Base	I	K0431013-3-791 K
		SA-0431013-3 S

Continued in the next column

Continued from previous column

150L,M continued
S/N 15072004 thru 15079405

Description	Idx	Part Number
Cap, Vertical Fin Top 2 ¼" Beacon Base	I	26-0431017-1-80A 16 T
		26-12 19 T
		GF0430011-1 19 K
		SA-0430011-1 19 S
		SA-0431017-1 16 S
Fairing, Brake Cover, LH	G	26-07-LBC 19 T
		SA-0441227-1 S
Fairing, Brake Cover, RH	G	26-07-RBC 19 T
		SA-0441227-2 S
Fairing, Main Landing Gear, LH	F	26-06L T
		SA-0441217-15 S
Fairing, Main Landing Gear, RH	F	26-06R T
		SA-0441217-14 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 18 K
		SA-0541203-1 15 S
		SA-0541223-17 17 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 18 K
		SA-0541203-2 15 S
		SA-0541223-16 17 S
Fairing, Nose Wheel (Wheel Pant)	C	20-40N-80A T
		GF0543079-00 20 17 K
		SA-0543065-1 15 S
		SA-0543079-3 17 S
Fairing, Strut to Fuselage, LH	E	150-LFS T
		K0421002-1 12 T
		SA-0421002-1 11 S
Fairing, Strut to Fuselage, RH	E	150-RFS T
		K0421002-2 12 T
		SA-0421002-2 11 S
Fairing, Strut to Wing, LH	D	150-LWS T
		K0522150-3 12 K
		SA-0522150-3 11 S

Notes:
6 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
7 S/N 15064533 and on
8 S/N 15067199 and on
9 S/N 15069309 and on
10 S/N 15071129 and on
11 Also available as a FAA-PMA/STC approved split Fairing for easy installation and removal; add an "SP" suffix to the P/N
12 This is an ABS plastic part, split for easy installation
13 For wings with a conical wing tip
14 For kits including LH and RH see page 446
15 S/N 15072004 thru 15074850 only
16 S/N 15072004 thru 15075781 only
17 S/N 15074851 and on
18 S/N 15074851 thru 15077005 only
19 S/N 15075782 and on
20 Not for aircraft with heavy duty nose gear

Continued on next page

Cessna 150 thru 152 Series
continued from previous page

150L,M continued
S/N 15072004 thru 15079405

Description	Idx	Part Number
Fairing, Strut to Wing, RH	D	150-RWS T
		K0522150-4 12 K
		SA-0522150-4 11 S
Tip, Dorsal Fin	H	26-10 T
		SA-0431024-1 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 K
		SA-0430004-10 S
Tip, Horizontal Stab., LH or RH	K	26-08 T
		GF0430004-11791 K
		SA-0430004-11 S
Tip, Rudder Butt	M	26-11 T
		GF0431005-1-791 K
		SA-0431005-1 S
Tip, Wing, Conical, LH	A	20-51L-80A T
		GF0523565-29791 T
		SA-0523565-29 14 6 S
Tip, Wing, Conical, RH	A	20-51R-80A T
		GF0523565-30791 T
		SA-0523565-30 14 6 S
Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A T
		SA-0423008-3 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K

A150K,L,M
S/N A1500001 thru A1500734

Description	Idx	Part Number
Cap, Rudder Top	J	26-0431013-1-80A 22 T
		26-15-80A 27 T
		GF0430011-2 27 K
		SA-0430011-2 27 S
		SA-0431013-1 22 S
Cap, Vertical Fin Top No Beacon Base	I	K0431013-3-791 22 K
Cap, Vertical Fin 2 ¼" Beacon Base	I	26-12 27 T
		GF0430011-1 27 K
		SA-0430011-1 27 S
		SA-0431017-1 22 S
Fairing, Brake Cover, LH	G	SA-0441227-1 27 S
Fairing, Brake Cover, RH	G	SA-0441227-2 27 S
Fairing, Main Landing Gear, LH	F	26-06L T
		SA-0441217-15 24 S
Fairing, Main Landing Gear, RH	F	26-06R T
		SA-0441217-14 24 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 25 K
		K0741046-203 21 K
		SA-0541203-1 23 S
		SA-0541223-17 26 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 25 K
		K0741046-202 21 K
		SA-0541203-2 23 S
		SA-0541223-16 26 S
Fairing, Nose Wheel (Wheel Pant)	C	20-40N-80A 24 T
		GF0543079-00 26 K
		K0743625-14 21 K
		SA-0543065-1 23 S
		SA-0543079-3 26 S

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A150K,L,M continued
S/N A1500001 thru A1500734

Description	Idx	Part Number
Fairing, Strut to Fuslg, LH	E	SA-0522150-7 S
Fairing, Strut to Fuslg, RH	E	SA-0522150-6 S
Fairing, Strut to Wing, LH	D	SA-0421002-3 S
Fairing, Strut to Wing, RH	D	SA-0421002-4 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 K
		SA-0430004-10 S
Tip, Horizontal Stab., LH or RH	K	26-08 T
		GF0430004-11791 K
		SA-0430004-11 S
Tip, Rudder Butt	M	26-11 T
		GF0431005-1-791 K
		SA-0431005-1 27 S
Tip, Wing, Conical Camber, LH	A	20-51L-80A T
		GF0523565-29791 24 K
		SA-0523565-29 14 6 S
Tip, Wing, Conical Camber, RH	A	20-51R-80A T
		GF0523565-30791 24 K
		SA-0523565-30 14 6 S
Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A T
		SA-0423008-3 S

Notes:

6 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
13 For wings with a conical wing tip
14 For kits including LH and RH see Lighting section of catalog
21 S/N A1500001 thru A1500226
22 S/N A1500001 thru A1500523 only
23 S/N A1500227 thru A1500429 only
24 S/N A1500227 and on
25 S/N A1500430 thru A1500523 only
26 S/N A1500430 and on
27 S/N A1500524 and on
28 S/N F150-0001 thru F15000523, FA1500001 thru FA1500261 only
29 S/N F150-0001 thru F15000658
30 S/N F150-0001 thru F15001143 FA1500001 thru FA1500261 only
31 S/N F150-0001 thru F15001428, FA1500001 thru FA1500336 only
33 S/N F150-0001 thru F15001428, FA1500001 thru FA1500261 only
34 S/N F150-0220 thru F15001428 only
35 S/N F15000530 thru F15001428 only
36 S/N F15000530 thru F15001428, FA1500001 thru FA1500336 only
37 S/N F15000659 thru F15001143, and FA1500082 thru FRA1500120 only
38 S/N F15000659 thru F15001428, FA1500082 thru FRA1500261 only
39 S/N F15000659 thru F15001428, FA1500082 thru FRA1500336 only
40 S/N F15001014 thru F15001428 only
41 S/N F15001144 thru F15001428, FA1500082 thru FA1500336 only
42 S/N F15001144 thru F15001428, FA1500262 thru FA1500336 only
43 S/N F15001144 thru F15001428, FA1500262 thru FA1500336, FRA1500262 thru FRA1500336 only

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F150F,G,H,J,K,L,M, FA150K,L,M, FRA150L,M
S/N F150-0001 thru F15001428, FA1500001 thru FA1500336, FRA1500121 thru FRA1500261

Description	Idx	Part Number
Cap, Rudder Top	J	26-0431013-1-80A 30 T
		26-15-80A 43 T
		GF0430011-2 42 K
		SA-0431013-1 30 S
Cap, Vertical Fin Top No Beacon Base	I	K0431013-3-791 28 K
Cap, Vertical Fin 2 ¼" Beacon Base	I	SA-0430011-1 42 S
Fairing, Brake Cover, LH	G	SA-0441227-1 42 S
Fairing, Brake Cover, RH	G	SA-0441227-2 42 S
Fairing, Main Landing Gear LH	F	26-06L 39 T
		SA-0441217-15 39 S
Fairing, Main Landing Gear RH	F	26-06R 39 T
		SA-0441217-14 39 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 40 K
		K0741046-203 45 K
		SA-0541203-1 37 S
		SA-0541223-17 39 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 39 K
		K0741046-202 45 K
		SA-0541203-2 37 S
		SA-0541223-16 39 S
Fairing, Nose Wheel, Wheel Pant	C	20-40N-80A 39 T
		GF0543079-00 40 K
		K0743625-14 44 K
		SA-0543065-1 37 S
		SA-0543079-3 41 S
Fairing, Strut to Fuslg, LH	E	150-LFS 48 T
		K0421002-1 34 12 T
		SA-0421002-1 34 S
		SA-0522150-7 47 S
Fairing, Strut to Fuslg, RH	E	150-RFS 48 T
		K0421002-2 34 12 T
		SA-0421002-2 34 S
		SA-0522150-6 47 S
Fairing, Strut to Wing, LH	D	150-LWS 48 T
		K0522150-3 34 12 K
		SA-0421002-3 46 S
Fairing, Strut to Wing, RH	D	150-RWS 48 T
		K0522150-4 34 12 K
		SA-0421002-4 46 S
Tip, Dorsal Fin	H	SA-0431024-1 42 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 31 K
		SA-0430004-10 33 S
Tip, Rudder Butt	M	26-11 35 T
		GF0431005-1-791 31 K
		SA-0431005-1 33 S
Tip, Horizontal Stab., LH or RH	K	26-08 T
		GF0430004-11791 31 K
		SA-0430004-11 33 S
Tip, Wing, Con. Camber LH	A	GF0523565-29791 K
		SA-0523565-29 38 14 S
Tip, Wing, Con. Camber RH	A	GF0523565-30791 K
		SA-0523565-30 38 14 S
Tip, Wing, LH	A	20-51L-80A 36 T
Tip, Wing, RH	A	20-51R-80A 36 T
Tip, Wing, Symmetrical	A	26-0423008-3-80A T
		SA-0423008-3 29 S

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152, A152, F152, FA152
S/N 15279406 thru 15286033, A1520735 thru A1521049, F15201429 thru F15201980, FA1520337 thru FA1520425

Description	Idx	Part Number
Cap, Rudder Top	J	26-15-80A T
		GF0430011-2 53 K
		SA-0430011-2 S
Cap, Vertical Fin Top 2 ¼" Beacon Base	I	26-12 50 T
		GF0430011-1 50 K
		SA-0430011-1 S
Fairing, Brake Cover, LH	G	26-07-LBC 49 T
		SA-0441227-1 S
Fairing, Brake Cover, RH	G	26-07-RBC 49 T
		SA-0441227-2 S
Fairing, Main Lndg Gear LH	F	26-06L T
		SA-0441217-15 S
Fairing, Main Lndg Gear RH	F	26-06R T
		SA-0441217-14 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 K
		SA-0541223-17 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 K
		SA-0541223-16 S
Fairing, Nose Wheel (Wheel Pant)	C	20-40N-80A T
		GF0543079-00 K
		SA-0543079-3 S

Notes:
12 This is an ABS plastic part, split for easy installation
14 For kits including LH and RH see Lighting section of catalog
28 S/N F150-0001 thru F15000523, FA1500001 thru FA1500261 only
29 S/N F150-0001 thru F15000658
30 S/N F150-0001 thru F15001143 FA1500001 thru FA1500261 only
31 S/N F150-0001 thru F15001428, FA1500001 thru FA1500336 only
33 S/N F150-0001 thru F15001428, FA1500001 thru FA1500261 only
34 S/N F150-0220 thru F15001428 only
35 S/N F15000530 thru F15001428 only
36 S/N F15000530 thru F15001428, FA1500001 thru FA1500336 only
37 S/N F15000659 thru F15001143, FA1500082 thru FRA1500120 only
38 S/N F15000659 thru F15001428, FA1500082 thru FRA1500261 only
39 S/N F15000659 thru F15001428, FA1500082 thru FRA1500336 only
40 S/N F15001014 thru F15001428 only
41 S/N F15001144 thru F15001428, FA1500082 thru FA1500336 only
42 S/N F15001144 thru F15001428, FA1500262 thru FA1500336 only
43 S/N F15001144 thru F15001428, FA1500262 thru FA1500336, FRA1500262 thru FRA1500336 only
43 S/N F15001144 thru F15001428, FA1500262 thru FA1500336, FRA1500262 thru FRA1500336 only
44 S/N F150-0390 thru F15000658, FA1500001 thru FA1500081 only
45 S/N F15000530 thru F15000658, FA1500001 thru FA1500081 only
46 S/N FA1500001 thru FA1500120 only
47 S/N FA1500001 thru FA1500261 only
48 S/N F150-0001 thru F15001428 only
49 Model 152 only
50 Models 152, A152 only
51 Models 152, A152, F152 only
52 Models 152 and F152 only
53 S/N 15279406 thru 15286033, F15201429 thru F15201952, FA1520337 thru FA1520387 only
54 S/N A1520735 thru A1521049 only

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Cessna 150 thru 152 Series
continued from previous page

152, A152, F152, FA152 continued
S/N 15279406 thru 15286033, A1520735 thru A1521049, F15201429 thru F15201980, FA1520337 thru FA1520425

Description	Idx	Part Number
Fairing, Strut to Fuslg, LH	E	150-LFS 52 T
		K0421002-1 49 13 T
		SA-0421002-1 49 11 S
		SA-0421002-3 54 S
Fairing, Strut to Fuslg, RH	E	150-RFS 52 T
		K0421002-2 49 12 T
		SA-0421002-2 49 11 S
		SA-0421002-4 54 S
Fairing, Strut to Wing, LH	D	150-LWS 52 T
		K0522150-3 52 12 K
		SA-0522150-3 49 11 S
		SA-0522150-7 54 S
Fairing, Strut to Wing, RH	D	150-RWS 52 T
		K0522150-4 52 12 K
		SA-0522150-4 49 11 S
		SA-0522150-6 54 S
Tip, Dorsal Fin	H	26-10 49 T
		SA-0431024-1 49 S
Tip, Elevator, LH or RH	L	26-09 T
		GF0430004-10791 K
		SA-0430004-10 49 S
Tip, Horizontal Stab., LH or RH	K	26-08 T
		GF0430004-11791 K
		SA-0430004-11 50 S

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Manufacturer/Material: S Stene Aviation/Fiberglass, K Knots 2U/Fiberglass, A Aircraft Development/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

152, A152, F152, FA152 continued
S/N 15279406 thru 15286033, A1520735 thru A1521049, F15201429 thru F15201980, FA1520337 thru FA1520425

Description	Idx	Part Number
Tip, Rudder Butt	M	26-11 51 T
		GF0431005-1-791 K
		SA-0431005-1 54 S
Tip, Wing, Conical, LH	A	20-51L-80A T
		GF0523565-29791 K
		SA-0523565-29 14 6 S
Tip, Wing, Conical, RH	A	20-51R-80A T
		GF0523565-30791 K
		SA-0523565-30 14 6 S
Tip, Wing, Symmetrical	A	26-0423008-3-80A T

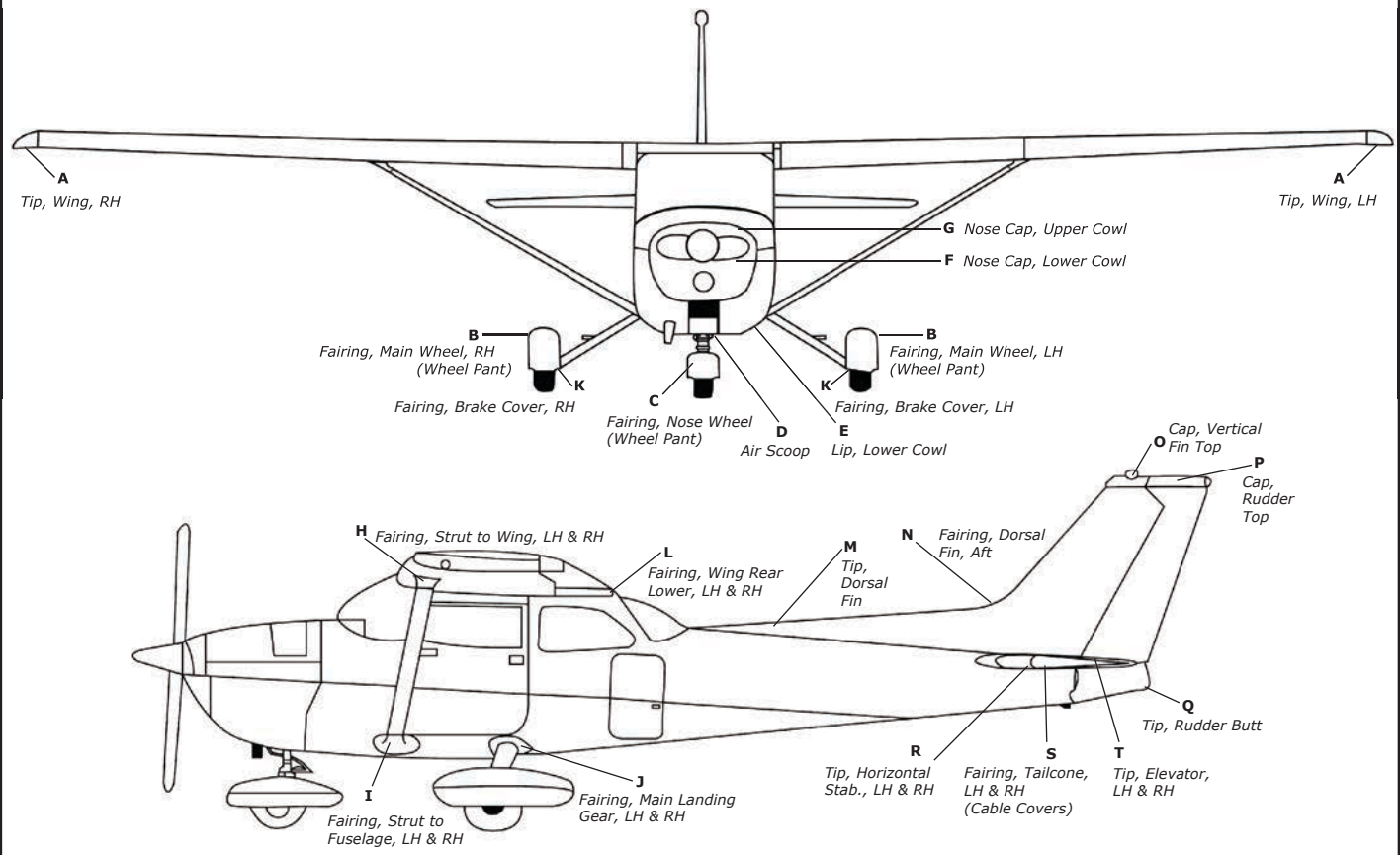
Notes:
6 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
11 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
12 This is an ABS plastic part, split for easy installation
13 For wings with a conical wing tip
14 For kits including LH and RH see Lighting section of catalog
49 Model 152 only
50 Models 152, A152 only
51 Models 152, A152, F152 only
52 Models 152 and F152 only
53 S/N 15279406 thru 15286033, F15201429 thru F15201952, FA1520337 thru FA1520387 only
54 S/N A1520735 thru A1521049 only

Kits for 150-152 aircraft

Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
26-04-80A	Strut Fairing Kit, Plastic	150-LFS	Fairing, Strut to Fuselage, LH
		150-RFS	Fairing, Strut to Fuselage, RH
		150-LWS	Fairing, Strut to Wing, LH
		150-RWS	Fairing, Strut to Wing, RH
26-05-80A	Landing Gear Fairing Kit Flat Gear Only	FS-150-LG	Fairing, Main Landing Gear, LH
		FS-150-RG	Fairing, Main Landing Gear, RH
26-06-80A	Landing Gear Fairing Kit Tube Gear Only	26-06L	Fairing, Main Landing Gear, LH
		26-06R	Fairing, Main Landing Gear, RH
26-07-80A	Brake Cover Fairing Kit	26-07-LBC	Fairing, Brake Cover, LH
		26-07-RBC	Fairing, Brake Cover, RH
KPS04	Split Strut Fairing Kit, Plastic	K0421002-1	Fairing, Strut to Fuselage, LH
		K0421002-2	Fairing, Strut to Fuselage, RH
		K0522150-3	Fairing, Strut to Wing, LH
		K0522150-4	Fairing, Strut to Wing, RH
SA-0421002-1234	Fairing Kit, Fiberglass for FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N	SA-0421002-1	Fairing, Strut to Fuselage, LH
		SA-0421002-2	Fairing, Strut to Fuselage, RH
		SA-0522150-3	Fairing, Strut to Wing, LH
		SA-0522150-4	Fairing, Strut to Wing, RH
SA-0523565-2930	Wing Tips 1 2	SA-0523565-29	Tip, Wing, Conical, LH
		SA-0523565-30	Tip, Wing, Conical, RH

Notes:
1 Add "LL-14V (14 Volt Installation) or LL-28V (28 Volt Installation)" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Installation kit including all hardware required for installation of Quasar LED lighted wing tips is included. Kits include shielded wire, all connectors, switches and breaker.
2 Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

Cessna 170, 172, 175, 177 Series



170, 170A,B S/N 18000 thru 27169		
Description	**Idx**	**Part Number**
Air Scoop	D	GF0552001-16 9 K
Fairing, Strut To Fuslg LH	I	SA-0522150-1SP 8 S
Fairing, Strut To Fuslg RH	I	SA-0522150-2SP 8 S
Lip, Lower Cowl	E	GF55200-00 10 K
Nose Cap, Lower Cowl	F	GF0552002-51 11 K
Nose Cap, Upper Cowl	G	GF0595000-3 11 K
Tip, Wing, Conical, LH	A	SA-0523565-29 8 4 1 S
Tip, Wing, Conical, RH	A	SA-0523565-30 8 4 1 S
Tip, Wing, LH or RH	A	SA-0723615-200 S
Tip, Wing, Hoerner Style	A	11004 (set of two) 10 K
172, 172A,B,C,D,E,F,G,H,I S/N 28000 thru 17257161		
Description	**Idx**	**Part Number**
Air Scoop	D	GF0552001-16 13 K
Cap, Rudder Top	P	28-0531006-34-80A 19 T
		K0531006-34 23 K
		SA-0531006-34 19 S
Cap, Vertical Fin No Beacon Base	O	28-0531006-33-80A 19 T
		SA-0531006-33 19 S
		SA-0531001-36 13 S
Cap, Vert. Fin 2 ¼" Beacon Base	O	28-0531009-1-80A 25 T
		SA-0531009-1 24 S
Cap, Vert. Fin 3 ½" Beacon Base	O	SA-0531004-3 13 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 25 K

Continued on next column

Notes:

1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 For wings with a conical wing tip
3 For kits including LH and RH see page 452
4 FAA-PMA/STC approved split fairing for easy install and removal
5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
6 For wings with a conical wing tip
7 For a wing with STOL leading edge radius
8 S/N 18730 and on
9 S/N 19200 and on
10 S/N 20267 and on
11 S/N 25373 and on
12 S/N 28000 thru 36965 only
13 S/N 28000 thru 46754 only
14 S/N 28000 thru 47746 only
17 S/N 28000 thru 17258486 only
18 S/N 46518 and on
19 S/N 46755 and on
20 S/N 17247747 thru 17249085 only
21 S/N 17247747 thru 17249544 only
22 S/N 17247747 thru 17253392 only
23 S/N 17249545 and on
24 S/N 17254425 and on
25 S/N 17254893 and on

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Manufacturer/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

Cessna 170, 172, 175, 177 Series
continued from previous page

172, 172A,B,C,D,E,F,G,H,I continued
S/N 28000 thru 17257161

Description	Idx	Part Number
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 25 K
Fairing, Nose Wheel		K0743625-14 25 K
Fairing, Strut To Fuslg LH	I	28-07-LFS T
		K0522150-1 18 T
		SA-0522150-1 5 S
Fairing, Strut To Fuslg RH	I	28-07-RFS T
		K0522150-2 18 T
		SA-0522150-2 5 S
Fairing, Strut To Wing, LH	H	28-06-LWS 18 T
		K0522150-3 18 T
		SA-0522150-3 5 S
Fairing, Strut To Wing, RH	H	28-06-RWS 18 T
		K0522150-4 18 T
		SA-0522150-4 5 S
Fairing Wing Rear Low. LH	L	GF0520006-01 23 K
Fairing Wing Rear Low. RH	L	GF0520006-02 23 K
Fairing, Tailcone (Cable Covers) LH or RH	S	28-18 23 T
		SA-0530011-2 23 S
Lip, Lower Cowl	E	GF55200-00 14 K
Nose Cap, Lower Cowl	F	GF0552002-51 12 K
Nose Cap, Upper Cowl	G	GF0595000-3 12 K
Nose Cap, Skin	N/A	K0552010-17 22 K
Tip, Dorsal Fin	M	28-15 24 T
Tip, Elevator, LH	T	28-09-L 23 T
		GF0532001-94 23 K
		SA-0532001-94 23 S
Tip, Elevator, RH	T	28-09-R 23 T
		GF0532001-100 23 K
		SA-0532001-100 23 S
Tip, Elevator, LH or RH	T	K0532001-62 20 K
		SA-0532001-62 20 S
Tip, Rudder Butt	Q	28-21-80A 19 T
		K0531006-35 19 K
		K0531104 13 K
		SA-0531104 13 S
		SA-0531006-35 19 S
Tip, Horiz Stab., LH or RH	R	K0532001-61 21 K
		SA-0532001-61 21 S
		28-10 23 T
		GF0532001-00 23 K
		SA-0532001-93 23 S
Tip, Wing, Conical, LH	A	SA-0523565-29 3 1 S
Tip, Wing, Conical, RH	A	SA-0523565-30 3 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K
Tip, Wing, Sym., LH or RH	A	K0723615-200 17 K
		SA-0723615-200 S
Cap, Rudder Top	P	28-19-80A T
		28-04-80A 36 T
		K0533009-1-791 29 K
		K0531006-112 40 K
		SA-0533009-1 29 S
		SA-0531006-112 40 S
Cap, Vertical Fin All with 2 ¼" Beacon Base	O	28-24-80A T
		28-02 39 T
		GF0531033-1 40 K
		SA-0531003-1 40 S
		SA-0531013-1 35 S

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172K,L,M
S/N 17257162 thru 17267584

Description	Idx	Part Number
Fairing, Brake Cover, LH	K	28-08-LBC 37 T
		SA-0541224-1 36 S
Fairing, Brake Cover, RH	K	28-08-RBC 37 T
		SA-0541224-2 36 S
Fairing, Dorsal Fin, Aft	N	28-17 27 T
		K0531012-2 35 K
		SA-0531012-2 34 S
Fairing, Landing Gear, LH	J	28-05-LGF 34 T
		SA-1741005-239 34 S
Fairing, Landing Gear, RH	J	28-05-RGF 34 T
		SA-1741005-240 34 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 37 K
		K0741046-203 26 K
		SA-0541203-1 31 S
		SA-0541223-17 37 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 37 K
		K0741046-202 26 K
		SA-0541203-2 31 S
		SA-0541223-16 37 S
Fairing, Nose Wheel	C	20-40N-80A 36 T
		GF0543079-00 37 K
		K0743625-14 26 K
		SA-0543065-1 33 S
		SA-0543079-3 38 S
Fairing, Strut To Fuslg, LH	I	28-07-LFS T
		K0522150-1 T
		SA-0522150-1 5 S

Notes:

1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

2 For wings with a conical wing tip

3 For kits including LH and RH see page 452

4 FAA-PMA/STC approved split fairing for easy install and removal

5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N

12 S/N 28000 thru 36965 only

13 S/N 28000 thru 46754 only

14 S/N 28000 thru 47746 only

17 S/N 28000 thru 17258486 only

18 S/N 46518 and on

19 S/N 46755 and on

20 S/N 17247747 thru 17249085 only

21 S/N 17247747 thru 17249544 only

22 S/N 17247747 thru 17253392 only

23 S/N 17249545 and on

24 S/N 17254425 and on

25 S/N 17254893 and on

26 S/N 17257162 thru 17259223 only

27 S/N 17257162 thru 17259903 only

28 S/N 17257162 thru 17260758 only

29 S/N 17257162 thru 17265684 only

30 S/N 17259224 thru 17260758 only

31 S/N 17259224 thru 17261898 only

33 S/N 17259224 thru 17263458 only

34 S/N 17259224 and on

35 S/N 17259904 and on

36 S/N 17260759 and on

37 S/N 17261899 and on

38 S/N 17263459 and on

39 S/N 17265485 and on

40 S/N 17265685 and on

Continued on next page

172K,L,M continued
S/N 17257162 thru 17267584

Description	Idx	Part Number
Fairing, Strut To Fuslg, RH	I	28-07-RFS T
		K0522150-2 T
		SA-0522150-2 5 S
Fairing, Strut To Wing, LH	H	28-06-LWS 28 T
		28-07-LWS 36 T
		K0522150-3 28 T
		SA-0522150-3 28 5 S
		SA-0523047-1 36 5 S
Fairing, Strut To Wing, RH	H	28-06-RWS 28 T
		28-07-RWS 36 T
		K0522150-4 28 T
		SA-0522150-4 28 5 S
		SA-0523047-2 36 5 S
Fairing, Tailcone (Cable Covers) LH or RH	S	28-18 T
		SA-0530011-2 S
Fairing Wing Rear Low. LH	L	GF0520006-01 K
Fairing Wing Rear Low. RH	L	GF0520006-02 K
Tip, Dorsal Fin	M	28-15 27 T
		28-16 35 T
		SA-0531020-1 34 S
Tip, Elevator, LH	T	28-09-L T
		GF0532001-94 K
		SA-0532001-94 S
Tip, Elevator, RH	T	28-09-R T
		GF0532001-100 K
		SA-0532001-100 S
Tip, Rudder Butt	Q	28-12 T
		GF0531006-80-791 K
		SA-0531006-80 S
Tip, Horiz. Stab., LH or RH	R	SA-0532001-93 S
Tip, Wing, Conical, LH	A	20-51L-80A 28 T
		20-52L-80A 36 T
		GF0523565-29-791 30 K
		GF0723200-5 36 K
		SA-0723200-5 36 3 1 S
		SA-0523565-29 28 3 1 S
Tip, Wing, Conical, RH	A	20-51R-80A 28 T
		20-52R-80A 36 T
		GF0523565-30-791 30 K
		GF0723200-6 36 K
		SA-0723200-6 36 3 1 S
		SA-0523565-30 28 3 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) 26 K
Tip, Wing, Sym., LH or RH	A	SA-0723615-200 26 S
Cap, Rudder Top	P	28-04-80A 44 T
		K0533155-2 48 K
		K0531006-112 42 K
		SA-0531006-112 44 S
		SA-0533155-2 48 S
Cap, Vertical Fin 2 ¼" Beacon Base	O	28-02 41 T
		GF0531033-1 K
		SA-0531003-1 41 48 S
		SA-0531033-6 46 S
Fairing, Brake Cover, LH	K	28-08-LBC T
		SA-0541224-1 S
Fairing, Brake Cover, RH	K	28-08-RBC T
		SA-0541224-2 S

Continued on next column

Continued from previous column

172N,P,Q,R,S
S/N 17267585 thru 172S9999

Description	Idx	Part Number
Fairing, Dorsal Fin, Aft	N	K0531012-2 K
		SA-0531012-2 S
Fairing, Landing Gear, LH	J	28-05-LGF 44 T
		SA-1741005-239 44 S
		SA-1741005-59 48 S
Fairing, Landing Gear, RH	J	28-05-RGF 44 T
		SA-1741005-240 44 S
		SA-1741005-60 48 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 K
		SA-0541223-17 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 K
		SA-0541223-16 S
Fairing, Nose Wheel	C	20-40N-80A T
		GF0543079-00 K
		SA-0543079-3 S
Fairing, Strut To Fuslg, LH	I	28-07-LFS T
		K0522150-1 T
		SA-0522150-1 5 S
Fairing, Strut To Fuslg, RH	I	28-07-RFS T
		K0522150-2 T
		SA-0522150-2 5 S
Fairing, Strut To Wing, LH	H	28-07-LWS T
		SA-0523047-1 5 S
Fairing, Strut To Wing, RH	H	28-07-RWS T
		SA-0523047-2 5 S

Notes:

1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 For wings with a conical wing tip
3 For kits including LH and RH see page 452
4 FAA-PMA/STC approved split fairing for easy install and removal
5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
6 For wings with a conical wing tip
7 For a wing with STOL leading edge radius
26 S/N 17257162 thru 17259223 only
27 S/N 17257162 thru 17259903 only
28 S/N 17257162 thru 17260758 only
29 S/N 17257162 thru 17265684 only
30 S/N 17259224 thru 17260758 only
31 S/N 17259224 thru 17261898 only
33 S/N 17259224 thru 17263458 only
34 S/N 17259224 and on
35 S/N 17259904 and on
36 S/N 17260759 and on
37 S/N 17261899 and on
38 S/N 17263459 and on
39 S/N 17265485 and on
40 S/N 17265685 and on
41 S/N 17267585 thru 17274009 only
42 S/N 17267585 thru 17275953 only
43 S/N 17267585 thru 17276260 only
44 S/N 17267585 thru 17276654 only
45 S/N 17267585 and on
46 S/N 17274010 thru 17276654 only
47 S/N 17275954 and on
48 S/N 17280001 and on

Continued on next page

172N,P,Q,R,S continued
S/N 17267585 thru 172S9999

Description	Idx	Part Number
Fairing, Tailcone (Cable Covers) LH or RH	S	28-18 45 T
		SA-0530011-2 S
Fairing Wing Rear Low. LH	L	GF0520006-01 44 K
Fairing Wing Rear Low. RH	L	GF0520006-02 44 K
Tip, Dorsal Fin	M	28-16 43 T
		SA-0531020-1 S
Tip, Elevator, LH	T	28-09-L T
		GF0532001-94 K
		SA-0532001-94 S
Tip, Elevator, RH	T	28-09-R T
		GF0532001-100 K
		SA-0532001-100 S
Tip, Rudder Butt	Q	28-11 47 T
		28-12 42 T
		GF0531006-80-791 42 K
		K0533155-1 48 K
		SA-0531006-80 44 S
		SA-0533155-1 48 S
Tip, Horiz. Stab., LH or RH	D	28-10 47 T
		GF0532001-00 47 K
		SA-0532001-93 S
Tip, Wing, LH	A	20-52L-80A T
		GF0723200-5 45 K
		SA-0723200-5 45 3 1 S
		SA-0723205-1 48 S
Tip, Wing, RH	A	20-52R-80A T
		GF0723200-6 45 K
		SA-0723200-6 45 3 1 S
		SA-0723205-2 48 S

172RG, FP172, FR172E, FR172K, P172D, R172E,F,G,H,J,K
S/N 172RG0001 thru 172RG1191
S/N FP172-0001 thru FP172-0003
S/N FR172-0001 thru FR172-0060
S/N FR17200591 thru FR17200675
S/N P17257120 thru P17257188
S/N R172-0001 thru R1723454

Description	Idx	Part Number
Cap, Rudder Top	P	28-04-80A 50 T
		K0531006-34 60 K
		K0531006-112 61 K
		SA-0531006-112 55 S
Cap, Vertical Fin All with 2 ¼" Beacon Base	O	GF0531033-1 49 58 K
		SA-0531003-1 53 S
Fairing, Brake Cover, LH	K	SA-0541224-1 51 S
Fairing, Brake Cover, RH	K	SA-0541224-2 51 S
Fairing, Dorsal Fin, Aft	N	K0531012-2 53 K
		SA-0531012-2 53 S
Fairing, Landing Gear, LH	J	SA-1741005-239 51 S
Fairing, Landing Gear, RH	J	SA-1741005-240 51 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 51 K
		SA-0541223-17 51 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 51 K
		SA-0541223-16 51 S
Fairing, Nose Wheel	C	GF0543079-00 51 K
		SA-0543079-3 51 S
Fairing, Strut To Fuslg, LH	I	K0522150-1 59 T
		SA-0522150-1 59 5 S
Fairing, Strut To Fuslg, RH	I	K0522150-2 59 T
		SA-0522150-2 59 5 S

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172RG, FP172, FR172E, FR172K, P172D, R172E,F,G,H,J,K cont.
S/N 172RG0001 thru 172RG1191
S/N FP172-0001 thru FP172-0003
S/N FR172-0001 thru FR172-0060
S/N FR17200591 thru FR17200675
S/N P17257120 thru P17257188
S/N R172-0001 thru R1723454

Description	Idx	Part Number
Fairing, Strut To Wing, LH	H	K0522150-3 56 T
		SA-0523047-1 53 S
		SA-0522150-3 56 S
Fairing, Strut To Wing, RH	H	K0522150-4 56 T
		SA-0523047-2 53 S
		SA-0522150-4 56 S
Fairing, Tailcone (Cable Covers) LH or RH	S	SA-0530011-2 53 S
Fairing Wing Rear Low. LH	L	GF0520006-01 49 K
Fairing Wing Rear Low. RH	L	GF0520006-02 49 K
Tip, Dorsal Fin	M	SA-0531020-1 53 S
Tip, Elevator, LH	T	GF0532001-94 57 K
		SA-0532001-94 54 S
Tip, Elevator, RH	T	GF0532001-100 57 K
		SA-0532001-100 54 S
Tip, Rudder Butt	Q	GF0531006-80-791 55 K
		K0531006-35 56 K
		SA-0531006-80 53 S
Tip, Horiz. Stab., LH or RH	R	GF0532001-00 57 K
		SA-0532001-93 53 S
Tip, Wing, LH	A	20-52L-80A 55 T
		GF0723200-5 49 51 K
		SA-0723200-5 55 3 1 S
Tip, Wing, RH	A	20-52R-80A 55 T
		GF0723200-6 49 51 K
		SA-0723200-6 55 3 1 S
Tip, Wing, Sym., LH or RH	A	K0723615-200 56 K

Notes:
1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 For wings with a conical wing tip
3 For kits including LH and RH see page 452
4 FAA-PMA/STC approved split fairing for easy install and removal
5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
6 For wings with a conical wing tip
7 For a wing with STOL leading edge radius
42 S/N 17267585 thru 17275953 only
43 S/N 17267585 thru 17276260 only
44 S/N 17267585 thru 17276654 only
45 S/N 17267585 and on
46 S/N 17274010 thru 17276654 only
47 S/N 17275954 and on
48 S/N 17280001 and on
49 S/N 172RG0001 thru 172RG1178 only
50 Model 172RG only
51 Model R172K only
53 Models 172RG and R172K only
54 Models 172RG, R172K and P172D only
55 Models 172RG, FR172K and R172K only
56 Models FP172 and P172D only
57 Models FP172, FR172K, P172 and R172K only
58 Models FR172K and R172K only
59 Models 172RG, FP172, R172K and P172D only
60 Models P172D, FP172, FR172E only

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Cessna 170, 172, 175, 177 Series
continued from previous page

F172D,E,F,G,H,K,L,M,N,P
S/N F172-0001 thru F17202254

Description	Idx	Part Number
Cap, Rudder Top	P	28-04-80A 79 T
		28-0531006-34-80A 63 T
		28-19-80A 73 T
		K0531006-34 63 K
		K0531006-112 79 K
		SA-0531006-34 64 S
		SA-0531006-112 78 S
		SA-0531009-1 68 S
		SA-0533009-1 70 S
Cap, Vertical Fin No Beacon Base	O	28-0531006-33-80A 63 T
		SA-0531006-33 66 S
Cap, Vertical Fin 2 ¼" Beacon Base	O	28-0531009-1-80A 67 T
		28-24-80A 72 T
		GF0531033-1 80 K
		SA-0531013-1 70 S
		SA-0531033-6 78 S
Fairing, Brake Cover, LH	K	SA-0541224-1 78 S
Fairing, Brake Cover, RH	K	SA-0541224-2 78 S
Fairing, Dorsal Fin, Aft	N	28-17 72 T
		K0531012-2 K
Fairing, Landing Gear, LH	J	GF0541223-01 78 K
		SA-1741005-239 77 S
Fairing, Landing Gear, RH	J	GF0541223-02 78 K
		SA-1741005-240 77 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 64 K
		SA-0541203-1 76 S
		SA-0541223-17 78 S
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 64 K
		SA-0541203-2 76 S
		SA-0541223-16 78 S
Fairing, Nose Wheel	C	20-40N-80A 78 T
		GF0543079-00 78 K
		SA-0543065-1 76 S
		SA-0543079-3 78 S
Fairing Wing Rear Low. LH	L	K0522150-1 T
		SA-0522150-1 S
Fairing Wing Rear Low. RH	L	K0522150-2 T
		SA-0522150-2 S
Fairing, Strut To Wing, LH	H	K0522150-3 65 T
		SA-0522150-3 65 S
		SA-0523047-1 78 S
Fairing, Strut To Wing, RH	H	K0522150-4 65 T
		SA-0522150-4 65 S
		SA-0523047-2 78 S
Fairing, Tailcone, (Cable Covers) LH or RH	S	28-18 T
		SA-0530011-2 S
Tip, Dorsal Fin	M	28-15 67 T
Tip, Elevator, LH	T	GF0532001-94 K
		SA-0532001-94 S
Tip, Elevator, RH	T	GF0532001-100 K
		SA-0532001-100 S
Tip, Rudder Butt	Q	28-21-80A 66 T
		K0531006-35 63 K
		GF0531006-80-791 74 K
		SA-0531006-35 64 S
		SA-0531006-80 71 S
Tip, Horiz. Stab., LH or RH	R	GF0532001-00 K
		SA-0532001-93 S
Tip, Wing, LH	A	20-51L-80A 69 T
		20-52L-80A 78 T
		SA-0523565-29 75 3 S
		SA-0723200-5 78 3 S
Tip, Wing, RH	A	20-51R-80A 69 T
		20-52R-80A 78 T
		SA-0523565-30 75 3 S
		SA-0723200-6 78 3 S
Tip, Wing, Sym., LH or RH	A	K0723615-200 64 K

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175, 175A,B,C
S/N 55001 thru 17557119

Description	Idx	Part Number
Cap, Rudder Top	P	SA-0531006-34 85 S
Cap, Vertical Fin No Beacon Base	O	SA-0531001-36 82 S
		SA-0531006-33 85 S
Cap, Vertical Fin 3 ½" Beacon Base	O	SA-0531004-3 82 S
Fairing, Strut To Fuslg, LH	I	28-07-LFS 83 T
		K0522150-1 83 T
		SA-0522150-1 5 S
Fairing, Strut To Fuslg, RH	I	28-07-RFS 83 T
		K0522150-2 83 T
		SA-0522150-2 5 S
Fairing, Strut To Wing, LH	H	28-06-LWS 83 T
		K0522150-3 83 T
		SA-0522150-3 5 S
Fairing, Strut To Wing, RH	H	28-06-RWS 83 T
		K0522150-4 83 T
		SA-0522150-4 5 S
Tip, Elevator, LH or RH	T	K0532001-62 84 K
		SA-0532001-62 84 S
Tip, Rudder Butt	Q	28-21-80A 85 T
		K0531104 82 K
		SA-0531104 82 S
		SA-0531006-35 85 S

Notes:

3 For kits including LH and RH see page 452
4 FAA-PMA/STC approved split fairing for easy install and removal
5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
6 For wings with a conical wing tip
7 For a wing with STOL leading edge radius
49 S/N 172RG0001 thru 172RG1178 only
50 Model 172RG only
51 Model R172K only
53 Models 172RG and R172K only
54 Models 172RG, R172K and P172D only
55 Models 172RG, FR172K and R172K only
56 Models FP172 and P172D only
57 Models FP172, FR172K, P172 and R172K only
58 Models FR172K and R172K only
59 Models 172RG, FP172, R172K and P172D only
60 Models P172D, FP172, FR172E only
61 Models R172K and 172RG S/N 172RG0001 thru 172RG1134
63 S/N F172-0001 thru F172-0559 only
64 S/N F172-0001 thru F17200754 only
65 S/N F172-0001 thru F17200904 only
66 S/N F172-0019 thru F17200754 only
67 S/N F172-0320 thru F172-0559 only
68 S/N F172-0320 thru F17200754 only
69 S/N F172-0320 thru F17200904 only
70 S/N F172-0320 thru F17201514
71 S/N F172-0320 and on
72 S/N F172-0560 thru F17201234 only
73 S/N F172-0560 thru F17201384 only
74 S/N F172-0560 and on
75 S/N F17200755 thru F17200904
76 S/N F17200755 thru F17201514
77 S/N F17200755 and on
78 S/N F17200905 and on
79 S/N F17201385 thru F17202208 only
80 S/N F17201385 and on
81 For kits including LH and RH see page 420
82 S/N 55001 thru 56238 only
83 S/N 56025 and on
84 S/N 56239 thru 17557064 only

Continued on next page

Manufacturer/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

Cessna 170, 172, 175, 177 Series
continued from previous page

175, 175A,B,C continued
S/N 55001 thru 17557119

Description	Idx	Part Number
Tip, Horiz. Stab., LH or RH	R	K0532001-61 85 K
		SA-0532001-61 85 S
Tip, Wing, Conical, LH	A	SA-0523565-29 3 1 S
Tip, Wing, Conical, RH	A	SA-0523565-30 3 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K
Tip, Wing, Sym., LH or RH	A	K0723615-200 K
		SA-0723615-200 S

177, 177A,B, 177RG, F177RG
S/N 17700001 thru 17702752
S/N 177RG0001 thru 177RG1366
S/N F177RG0001 thru F177RG0177

Description	Idx	Part Number
Cap, Rudder Top	P	K1733009-2 K
		SA-1733009-2 91 S
Cap, Vertical Fin	O	SA-1731009-4 91 S
		K1731009-4 91 K
Fairing, Brake, LH	K	SA-0741634-13 87 S
		SA-1741027-1 89 S
Fairing, Brake, RH	K	SA-0741634-14 87 S
		SA-1741027-2 89 S
Fairing, Landing Gear, LH	J	SA-1741005-43 90 S
Fairing, Landing Gear, RH	J	SA-1741005-44 90 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 89 K
		K0741046-203 90 K
		SA-0541203-1 88 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 89 K
		K0741046-202 90 K
		SA-0541203-2 88 S

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Fairing, Nose Wheel	C	20-40N-80A 88 T
		GF0543079-00 89 K
		K0743625-14 90 K
		SA-0543065-1 88 S
Tip, Horiz. Stab., LH or RH	R	GF1732024-1-791 K
		SA-1732024-1 91 S
Tip, Wing, LH	A	GF1723005-11 93 K
		SA-1723000-201 86 S
		SA-1723005-11 92 S
Tip, Wing, RH	A	GF1723005-12 93 K
		SA-1723000-200 86 S
		SA-1723005-12 92 S

Notes:
1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See Lighting section of catalog. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
3 For kits including LH and RH see below
5 Also available as a FAA-PMA/STC approved split Fairing for easy install and removal; add an "SP" suffix to the P/N
82 S/N 55001 thru 56238 only
83 S/N 56025 and on
84 S/N 56239 thru 17557064 only
85 S/N 56239 and on
86 Model 177, 177A S/N 17700001 thru 17701370 only
87 Model 177B, S/N 17701371 thru 17702123 only
88 Model 177B S/N 17701371 and on
89 Model 177B S/N 17702124 and on
90 Model 177,177A,B only
91 Model 177, 177A,B and 177RG only
92 Model 177B and 177RG only
93 Model 177B, 177RG and F177RG

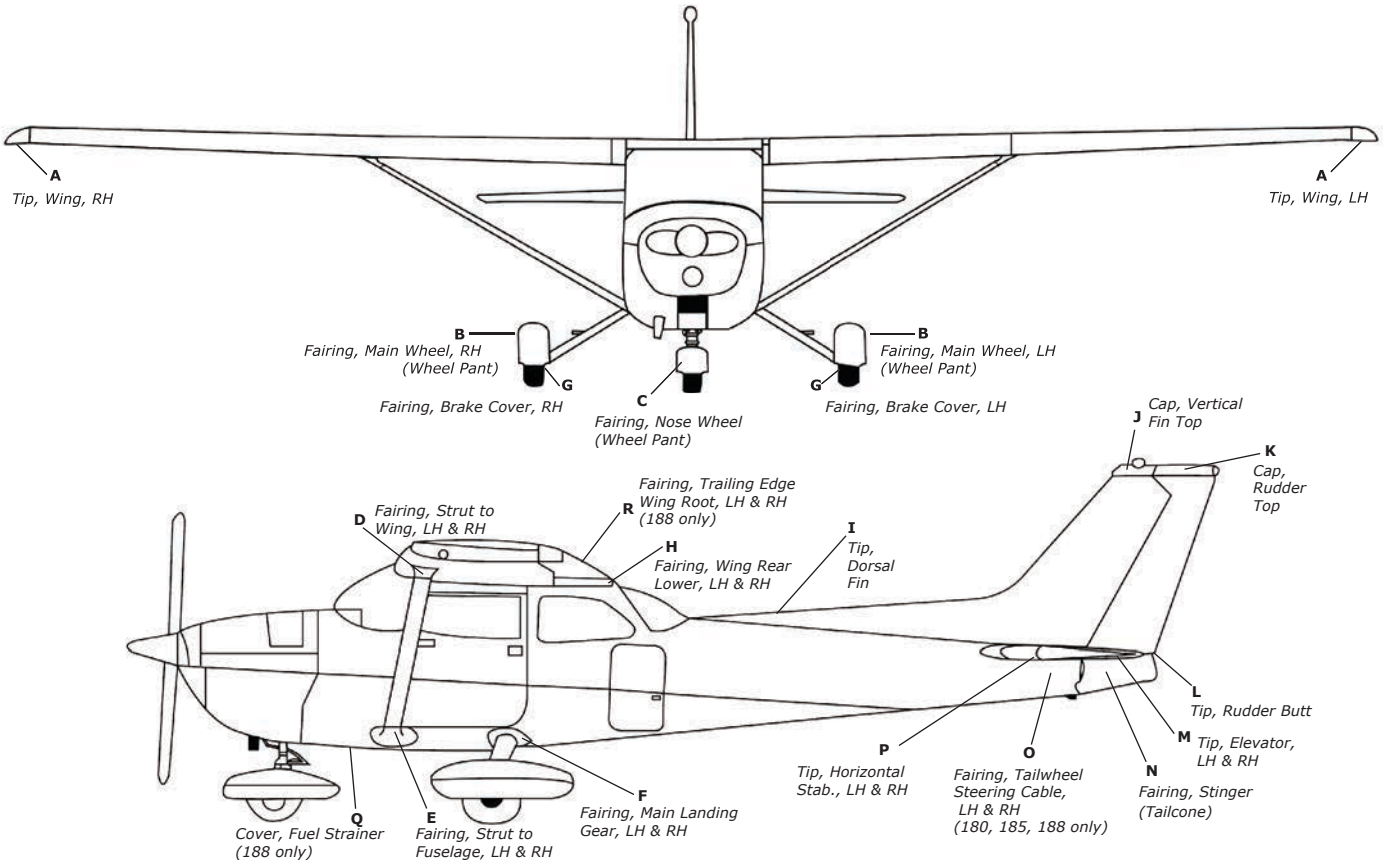
Manufacturer/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

Kits available for 170, 172, 175 and 177 aircraft

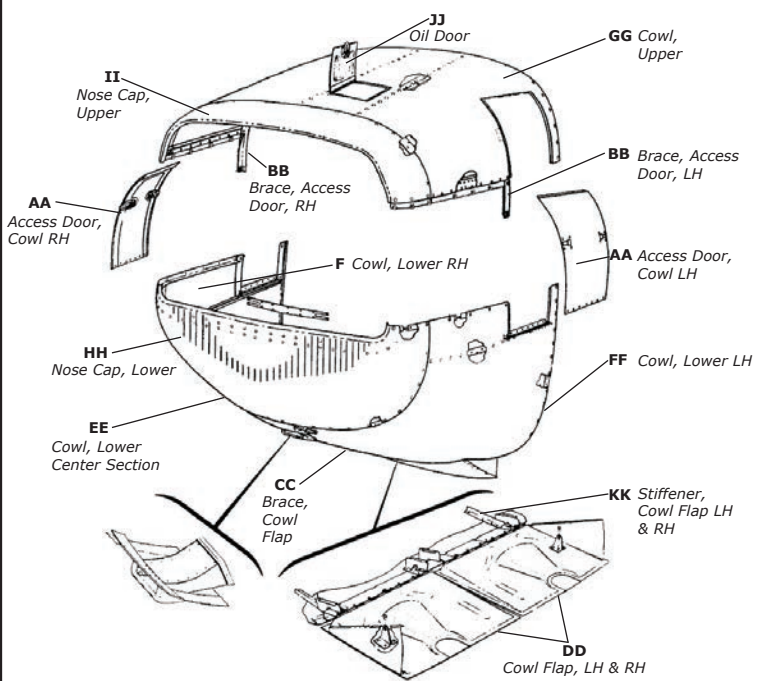
Kit P/N	Kit Description	Part Number	Item Description
28-05-80A	Landing Gear Fairing Kit	28-05-LGF	Fairing, Landing Gear, LH
		28-05-RGF	Fairing, Landing Gear, RH
28-06-80A	Strut Fairing Kit, Plastic	28-07-LFS	Fairing, Strut To Fuselage, LH
		28-07-RFS	Fairing, Strut To Fuselage, RH
		28-06-LWS	Fairing, Strut To Wing, LH
		28-06-RWS	Fairing, Strut To Wing, RH
28-07-80A	Strut Fairing Kit, Plastic	28-07-LFS	Fairing, Strut To Fuselage, LH
		28-07-RFS	Fairing, Strut To Fuselage, RH
		28-07-LWS	Fairing, Strut To Wing, LH
		28-07-RWS	Fairing, Strut To Wing, RH
28-08-80A	Brake Cover Fairing Kit	28-08-LBC	Fairing, Brake Cover, LH
		28-08-RBC	Fairing, Brake Cover, RH
KPS03	Split Strut Fairing Kit, Plastic	K0522150-1	Fairing, Strut to Fuselage, LH
		K0522150-2	Fairing, Strut to Fuselage, RH
		K0522150-3	Fairing, Strut to Wing, LH
		K0522150-4	Fairing, Strut to Wing, RH
SA-0522150-3412	Strut Fairing Kit, Fiberglass dor FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N	SA-0522150-1	Fairing, Strut to Fuselage, LH
		SA-0522150-2	Fairing, Strut to Fuselage, RH
		SA-0522150-3	Fairing, Strut to Wing, LH
		SA-0522150-4	Fairing, Strut to Wing, RH
SA-0523047-1212	Strut Fairing Kit, Fiberglass for FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N	SA-0522150-1	Fairing, Strut to Fuselage, LH
		SA-0522150-2	Fairing, Strut to Fuselage, RH
		SA-0523047-1	Fairing, Strut to Wing, LH
		SA-0523047-2	Fairing, Strut to Wing, RH
SA-0523565-2930	Wing Tips 1 2	SA-0523565-29	Tip, Wing, Conical, LH
		SA-0523565-30	Tip, Wing, Conical, RH
SA-0723200-56	Wing Tips 1 2	SA-0723200-5	Tip, Wing, Conical, LH
		SA-0723200-6	Tip, Wing, Conical, RH

Kit Notes:
1 Add "LL-14V (14 Volt Installation) or LL-28V (28 Volt Installation)" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Installation kit including all hardware required for installation of Quasar LED lighted wing tips is included. Kits include shielded wire, all connectors, switches and breaker.
2 Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

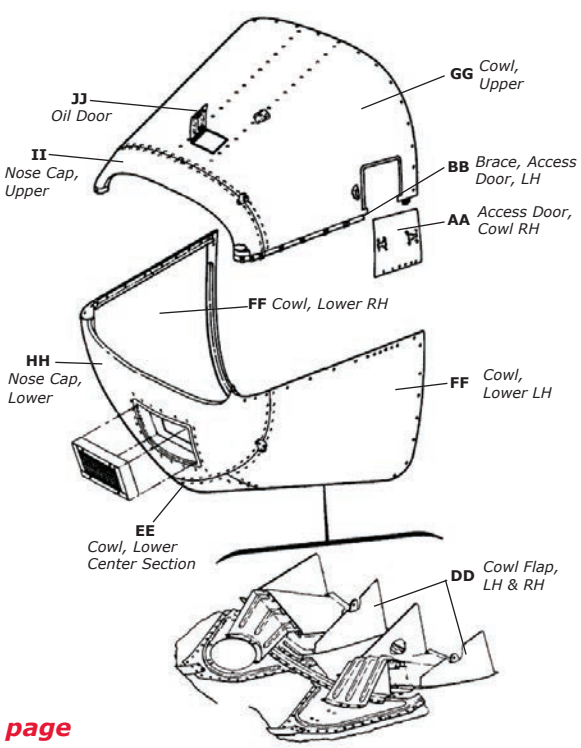
Cessna 180, 182, 185, 188 Series



Models
180, 180A,B, 182, 182A



Models
180C,D,E,F,G,H,K, 182B,C,D



Eligibility on next page

Cessna 180, 182, 185, 188 Series
continued from previous page

180, 180A,B,C,D,E,F,G,H,J,K
S/N 30000 thru 18053203

Description	Idx	Part Number
Access Door, Cowl LH	AA	SC180701-1 8 K
		SC180703-1 17 K
		SC180704-1 26 K
Access Door, Cowl RH	AA	SC180702-1 8 K
Brace Access Door, LH	BB	SC180900-1 8 K
Brace Access Door, RH	BB	SC180900-2 8 K
Brace, Cowl Flap	CC	SC180901-2 8 K
Cap, Vertical Fin No Beacon Base	J	SA-0731000-200 22 S
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731019-1 25 S
		SA-0731019-2 31 S
Cap, Vert. Fin 3 ½" Beacon Base	J	SA-0700031-2 S
Cowl Flap, LH Exhst Cutout	DD	SC180800-1 7 K
		SC180802-1 13 K
Cowl Flap, RH Exhst Cutout	DD	SC180801-1 7 K
		SC180803-1 13 K
Cowl, Lower Center Section	EE	SC180501-1 7 K
		SC180502-1 13 K
		SC180504-1 16 K
Cowl, Lower Left (Screws)	FF	SC180401-1 8 K
		SC180403-1 21 K
Cowl, Lower Right (Screws)	FF	SC180402-1 8 K
		SC180404-1 15 K
Cowl, Upper	GG	SC180200-1 8 K
		SC180201-1 15 K
		SC180202-1 19 K
		SC180203-1 24 K
		SC180204-1 26 K
Fairing, Brake Cover, LH	G	SA-0741059-1 S
Fairing, Brake Cover, RH	G	SA-0741059-2 S
Fairing, Main Wheel, LH (Wheel Pant)	B	SA-0741070-1 30 S
Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0741070-2 30 S
Fairing, Stinger (Tailcone)	N	SA-0712400-9 S
Fairing, Strut To Fuslg, LH	E	180-LFS-T T
		K0723605-1 14 T
		SA-0723605-1 2 S
Fairing, Strut To Fuslg, RH	E	180-RFS-T T
		K0723605-2 14 T
		SA-0723605-2 2 S
Fairing, Strut To Wing, LH	D	180-LWS T
		K0723605-3 14 T
		SA-0723605-3 2 S
Fairing, Strut To Wing, RH	D	180-RWS T
		K0723605-4 14 T
		SA-0723605-4 2 S
Fairing, Tailwhl Strg Cbl LH	O	SA-0712309-9 S
Fairing, Tailwhl Strg Cbl RH	O	SA-0712309-10 S
Nose Cap, Lower (Camloc Air Filter)	HH	SC180604-1 20 K
		SC180605-1 24 K
Nose Cap, Lower (Camloc Landing Light)	HH	SC180606-1 29 K
Nose Cap, Lower (Screws)	HH	SC180601-1 7 K
		SC180602-1 14 K

Continued on next column

180, 180A,B,C,D,E,F,G,H,J,K continued
S/N 30000 thru 18053203

Description	Idx	Part Number
Nose Cap, Lower (Screws Air Filter)	HH	SC180603-1 15 K
Nose Cap, Upper	II	SC180301-1 7 K
		SC180302-1 13 K
		SC180303-1 15 K
		SC180304-1 20 K
		SC180305-1 26 K
Oil Door	JJ	SC180752-1 26 K
		WAC752000 9 27
Stiffener, Cowl Flap LH	KK	SC180900-3 8 K
Stiffener, Cowl Flap RH	KK	SC180900-4 8 K
Tip, Horiz. Stab., LH or RH	P	31-11 12 T
		SA-0732613-1 S

Notes:

2 Also available as a FAA-PMA/STC approved split Fairing for easy install & removal; add "SP" suffix to the P/N
3 FAA-PMA/STC approved split Fairing for easy installation and removal
4 For kits including LH and RH, see page 459
5 For wings with a conical wing tip
6 For a wing with STOL leading edge radius
7 S/N 30000 thru 32261 only
8 S/N 30000 thru 50661 only
9 S/N 30000 thru 18051445 only
10 S/N 30000 thru 18051774 only
11 S/N 30000 thru 18052284 only
12 S/N 30000 thru 18052384 only
13 S/N 32662 thru 50661 only
14 S/N 50386 and on
15 S/N 50662 thru 50911 only
16 S/N 50662 thru 18051183 only
17 S/N 50662 thru 18051445 only
18 S/N 50662 and on
19 S/N 18050912 thru 18051445
20 S/N 18050912 thru 18052284
21 S/N 18050912 and on
22 S/N 18051184 thru 18052770 only
23 S/N 18051184 and on
24 S/N 18051446 thru 18052284 only
25 S/N 18051446 thru 18052989 only
26 S/N 18051446 and on
27 S/N 18052176 thru 18052284 only
28 S/N 18052285 and on
29 S/N 18052385 and on
30 S/N 18052771 and on
31 S/N 30000 thru 32261 that have been modified with the Kenmore gross weight increase and have the large vertical Fin
33 P/N WAC752000 is an aluminum oil door manufactured by McFarlane
34 S/N 33000 thru 51556 only
35 S/N 33000 thru 52358 only
36 S/N 33000 thru 18253598 only
37 S/N 33000 thru 18255844 only
38 S/N 33000 thru 18259305 only
39 S/N 33000 thru 18260055 only
40 S/N 51557 thru 53007 only
41 S/N 51557 thru 18253598 only
42 S/N 51557 and on
43 S/N 52359 thru 18257625 only
44 S/N 18253008 thru 18253598 only
45 S/N 18253599 thru 18257625 only
46 S/N 18253599 and on
47 S/N 18255845 and on
48 S/N 18257626 thru 18260445 only
49 S/N 18257626 and on

Continued on next page

Cessna 180, 182, 185, 188 Series
continued from previous page

180, 180A,B,C,D,E,F,G,H,J,K continued
S/N 30000 thru 18053203

Description	Idx	Part Number
Tip, Wing, LH	A	20-51L-80A 24 T
		20-52L-80A 28 T
		GF0723200-5 28 K
		SA-0723200-5 28 4 1 S
Tip, Wing, RH	A	20-51R-80A 24 T
		20-52R-80A 28 T
		GF0723200-6 28 K
		SA-0723200-6 28 4 1 S
Tip, Wing, Conical, LH	A	GF0523565-29791 27 K
		SA-0523565-29 27 4 1 S
Tip, Wing, Conical, RH	A	GF0523565-30791 27 K
		SA-0523565-30 27 4 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) 11 K
Tip, Wing, Sym., LH or RH	A	K0723615-200 10 K
		SA-0723615-200 11 S

182, 182A,B,C,D,E,F,G,H,J,K,L,M,N
S/N 33000 thru 18260825

Description	Idx	Part Number
Access Door, Cowl LH	AA	SC180701-1 34 K
		SC180703-1 41 K
Access Door, Cowl RH	AA	SC180702-1 34 K
Brace Access Door, LH	BB	SC180900-1 36 K
Brace Access Door, RH	BB	SC180900-2 36 K
Cap, Rudder Top	K	GF0731606-04 46 K
		GF0731606-01 49 K
		SA-0731606-6 49 S
		SA-1231001-2 45 S
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 45 K
		K0731606-1 49 K
		SA-0731606-1 49 S
		SA-0731000-200 35 S
Cap, Vert. Fin Small Beacon Base	J	K0731606-3 49 K
Cap, Vert. Fin 2 ¼" Beacon Base	J	SA-0731019-1 35 S
		SA-0731606-3 49 S
Cap, Vert. Fin 3 ½" Beacon Base	J	SA-0700031-2 35 S
		SA-1200039-2 43 S
Cowl, Lower Center Section	EE	SC180502-2 34 K
		SC180504-1 41 K
Cowl, Lower Left (Screws)	FF	SC180403-1 40 K
Cowl, Lower Left (Screws, No Cowl Flap)	FF	SC180401-2 34 K
Cowl, Lower Right (Screws)	FF	SC180404-1 40 K
Cowl, Lower Right (Screws, No Cowl Flap)	FF	SC180402-2 34 K
Cowl, Upper	GG	SC180200-1 34 K
		SC180201-1 40 K
		SC180202-1 44 K
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 48 K
		SA-0541203-1 51 S
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 48 K
		SA-0541203-2 51 S
Fairing, Nose Wheel	C	K0743625-14 48 K
		SA-0543065-1 51 S
Fairing, Stinger (Tailcone)	N	K1212010-19 46 K
		SA-1212010-15 S

Continued on next column

182, 182A,B,C,D,E,F,G,H,J,K,L,M,N continued
S/N 33000 thru 18260825

Description	Idx	Part Number
Fairing, Strut To Fuslg, LH	E	182-LFS T
		K0723612-3 46 T
		SA-0723605-1 36 2 S
		SA-0723612-3 46 2 S
Fairing, Strut To Fuslg, RH	E	182-RFS T
		K0723612-4 46 T
		SA-0723605-2 36 2 S
		SA-0723612-4 46 2 S
Fairing, Strut To Wing, LH	D	180-LWS T
		K0723605-3 42 T
		SA-0723605-3 2 S
Fairing, Strut To Wing, RH	D	180-RWS T
		K0723605-4 42 T
		SA-0723605-4 2 S
Nose Cap, Lower (Camloc Air Filter)	HH	SC180604-1 44 K
Nose Cap, Lower (Screws)	HH	SC180602-1 34 K

Notes:

1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See page 427. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

2 Also available as a FAA-PMA/STC approved split Fairing for easy install & removal; add "SP" suffix to the P/N

3 FAA-PMA/STC approved split Fairing for easy installation and removal

4 For kits including LH and RH, see page 459

5 For wings with a conical wing tip

6 For a wing with STOL leading edge radius

21 S/N 18050912 and on

22 S/N 18051184 thru 18052770 only

23 S/N 18051184 and on

24 S/N 18051446 thru 18052284 only

25 S/N 18051446 thru 18052989 only

26 S/N 18051446 and on

27 S/N 18052176 thru 18052284 only

28 S/N 18052285 and on

29 S/N 18052385 and on

30 S/N 18052771 and on

31 S/N 30000 thru 32261 that have been modified with the Kenmore gross weight increase and have the large vertical Fin

33 P/N WAC752000 is an aluminum oil door manufactured by McFarlane

34 S/N 33000 thru 51556 only

35 S/N 33000 thru 52358 only

36 S/N 33000 thru 18253598 only

37 S/N 33000 thru 18255844 only

38 S/N 33000 thru 18259305 only

39 S/N 33000 thru 18260055 only

40 S/N 51557 thru 53007 only

41 S/N 51557 thru 18253598 only

42 S/N 51557 and on

43 S/N 52359 thru 18257625 only

44 S/N 18253008 thru 18253598 only

45 S/N 18253599 thru 18257625 only

46 S/N 18253599 and on

47 S/N 18255845 and on

48 S/N 18257626 thru 18260445 only

49 S/N 18257626 and on

50 S/N 18258686 and on

51 S/N 18260056 thru 18260825 only

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Cessna 180, 182, 185, 188 Series
continued from previous page

182, 182A,B,C,D,E,F,G,H,J,K,L,M,N continued
S/N 33000 thru 18260825

Description	Idx	Part Number
Nose Cap, Lower (Screws Air Filter)	HH	SC180603-1 40 K
Nose Cap, Upper	II	SC180302-1 34 K
		SC180303-1 40 K
		SC180304-1 44 K
Oil Door (Aluminum)	JJ	WAC752000 37
Tip, Elevator, LH	M	31-10 LEFT 47 T
		GF1234608-01 47 K
		SA-1234608-3 47 S
Tip, Elevator, RH	M	31-10 RIGHT 47 T
		GF1234608-02 47 K
		SA-1234608-4 47 S
Tip, Horiz. Stab., LH or RH	P	31-11 37 T
		31-09 T
		SA-0732613-1 35 S
		GF1232604-1 47 K
		SA-1232604-1 47 S
Tip, Wing, LH	A	20-51L-80A 51 T
Tip, Wing, RH	A	20-51R-80A 51 T
Tip, Wing, Conical, LH	A	GF0523565-29791 52 K
		SA-0523565-29 4 1 S
Tip, Wing, Conical, RH	A	GF0523565-30791 52 K
		SA-0523565-30 4 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K
Tip, Wing, Sym., LH or RH	A	K0723615-200 39 K
		SA-0723615-200 38 S

182P,Q,R, T182
S/N 18260826 thru 18268586

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 K
		GF0731606-01 55 K
		SA-0731606-6 55 S
		SA-0731606-9 63 S
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 63 K
		K0731606-1 55 K
		SA-0731606-1 55 S
		SA-0731606-10 63 S
Cap, Vert. Fin Small Beacon Base	J	K0731606-3 55 K
		K1231064 63 K
Cap, Vert. Fin 2 ¼" Beacon Base	J	SA-0731606-3 53 S
		SA-1231059-1 58 S
		SA-1231064-1 63 S
Fairing, Brake Cover, LH	G	31-07-LBC 54 T
		31-08-LBC 60 T
		K0741641-19 61 K
		SA-0741634-11 60 S
		SA-0741634-17 54 S
		SA-0741641-15 65 S
Fairing, Brake Cover, RH	G	31-07-RBC 54 T
		31-08-RBC 60 T
		K0741641-18 61 K
		SA-0741634-10 60 S
		SA-0741634-18 54 S
		SA-0741641-14 65 S
Fairing, Gear Leg, LH	F	SA-1741005-201 56 S
Fairing, Gear Leg, RH	F	SA-1741005-200 56 S
Fairing Land. Gear Strut LH	F	31-03-LGF 63 T
		SA-0741052-201 63 S

Continued on next column

182P,Q,R, T182 continued
S/N 18260826 thru 18268586

Description	Idx	Part Number
Fairing Land. Gear Strut RH	F	31-03-RGF 63 T
		SA-0741052-200 63 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 61 K
		SA-0541223-17 61 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 61 K
		SA-0541223-16 61 S
Fairing, Nose Wheel	C	20-40N-80A T
		GF0543079-00 61 K
		SA-0543079-3 61 S
Fairing, Stinger (Tailcone)	N	K1212010-19 K
		SA-1212010-15 S
Fairing, Strut To Fuslg, LH	E	182-LFS T
		K0723612-3 T
		SA-0723612-3 2 S
Fairing, Strut To Fuslg, RH	E	182-RFS T
		K0723612-4 T
		SA-0723612-4 2 S

Notes:
1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See page 427. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 Also available as a FAA-PMA/STC approved split Fairing for easy install & removal; add "SP" suffix to the P/N
3 FAA-PMA/STC approved split Fairing for easy installation and removal
4 For kits including LH and RH, see page 459
5 For wings with a conical wing tip
6 For a wing with STOL leading edge radius
34 S/N 33000 thru 51556 only
35 S/N 33000 thru 52358 only
36 S/N 33000 thru 18253598 only
37 S/N 33000 thru 18255844 only
38 S/N 33000 thru 18259305 only
39 S/N 33000 thru 18260055 only
40 S/N 51557 thru 53007 only
41 S/N 51557 thru 18253598 only
42 S/N 51557 and on
43 S/N 52359 thru 18257625 only
44 S/N 18253008 thru 18253598 only
45 S/N 18253599 thru 18257625 only
46 S/N 18253599 and on
47 S/N 18255845 and on
48 S/N 18257626 thru 18260445 only
49 S/N 18257626 and on
50 S/N 18258686 and on
51 S/N 18260056 thru 18260825 only
52 S/N 18260446 thru 18260825 only
53 S/N 18260826 thru 18261425 only
54 S/N 18260826 thru 18263475 only
55 S/N 18260826 thru 18264295 only
56 S/N 18260826 thru 18265175 only
57 S/N 18260826 thru 18267300 only
58 S/N 18261426 thru 18264295 only
59 S/N 18262466 and on
60 S/N 18263476 thru 18265590 only
61 S/N 18263476 and on
63 S/N 18264296 and on
64 S/N 18267301 and on
65 S/N 18265176 and on

Continued on next page

182P,Q,R, T182 continued
S/N 18260826 thru 18268586

Description	Idx	Part Number
Fairing, Strut To Wing, LH	D	180-LWS T
		K0723605-3 T
		SA-0723605-3 2 S
Fairing, Strut To Wing, RH	D	180-RWS T
		K0723605-4 T
		SA-0723605-4 2 S
Tip, Dorsal Fin	I	31-12 59 T
Tip, Elevator, LH	M	31-10 LEFT T
		GF1234608-01 K
		SA-1234608-3 S
Tip, Elevator, RH	M	31-10 RIGHT T
		GF1234608-02 K
		SA-1234608-4 S
Tip, Horiz. Stab., LH or RH	P	31-09 57 T
		GF1232604-1 57 K
		GF1232604-2 64 K
		SA-1232604-1 57 S
Tip, Wing, LH	A	20-52L-80A T
		GF0723200-5 K
		SA-0723200-5 4 1 S
Tip, Wing, RH	A	20-52R-80A T
		GF0723200-6 K
		SA-0723200-6 4 1 S

182S,T, T182T
S/N 18280001 thru 18299999 and
S/N T18208001 thru T18299999

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 66 K
		SA-0731606-9 S
Cap, Vert. Fin Small Beacon Base	J	K1231064 K
Cap, Vert. Fin 2 ¼" Beacon Base	J	SA-0731606-11 66 S
		SA-1231064-10 67 S
Fairing, Brake Cover, LH	G	31-08-LBC T
		K0741641-19 K
		SA-0741641-15 66 S
Fairing, Brake Cover, RH	G	31-08-RBC T
		K0741641-18 K
		SA-0741641-14 66 S
Fairing Land. Gear Strut LH	F	SA-0741052-11 S
Fairing Land. Gear Strut RH	F	SA-0741052-12 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741648-01 67 K
		GF0541223-01 66 K
		SA-0541223-17 66 S
		SA-0741647-1 67 S
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741648-02 67 K
		GF0541223-02 66 K
		SA-0541223-16 66 S
		SA-0741647-2 67 S
Fairing, Nose Wheel	C	20-40N-80A T
		GF0543079-00 66 K
		K0743050 67 K
		SA-0543079-3 66 S
		SA-0743050-14 67 S
Fairing, Stinger (Tailcone)	N	K1212010-19 K
		SA-1212010-15 S

Continued on next column

182S,T, T182T continued
S/N 18280001 thru 18299999 and
S/N T18208001 thru T18299999

Description	Idx	Part Number
Fairing, Strut To Fuslg, LH	E	182-LFS T
		K0723612-3 66 T
		SA-0720702-9 67 S
		SA-0723612-3 66 2 S
Fairing, Strut To Fuslg, RH	E	182-RFS T
		K0723612-4 66 T
		SA-0720702-10 67 S
		SA-0723612-4 66 2 S
Fairing, Strut To Wing, LH	D	180-LWS T
		K0723605-3 66 T
		SA-0720702-1 67 S
		SA-0723605-3 66 2 S
Fairing, Strut To Wing, RH	D	180-RWS T
		K0723605-4 66 T
		SA-0720702-2 67 S
		SA-0723605-4 66 2 S
Tip, Elevator, LH	M	GF1234608-01 66 K
		SA-1234608-3 S
Tip, Elevator, RH	M	GF1234608-02 66 K
		SA-1234608-4 S
Tip, Horiz. Stab., LH or RH	P	GF1232604-2 66 K
		SA-1232604-2 S
Tip, Wing, LH	A	20-52L-80A T
		GF0723200-5 66 K
		SA-0723200-5 66 4 1 S
		SA-0723205-1 67 S
Tip, Wing, RH	A	20-52R-80A T
		GF0723200-6 66 K
		SA-0723200-6 66 4 1 S
		SA-0723205-2 67 S

Notes:
1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See page 427. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 Also available as a FAA-PMA/STC approved split Fairing for easy install & removal; add "SP" suffix to the P/N
3 FAA-PMA/STC approved split Fairing for easy installation and removal
4 For kits including LH and RH, see page 459
5 For wings with a conical wing tip
6 For a wing with STOL leading edge radius
57 S/N 18260826 thru 18267300 only
58 S/N 18261426 thru 18264295 only
59 S/N 18262466 and on
60 S/N 18263476 thru 18265590 only
61 S/N 18263476 and on
63 S/N 18264296 and on
64 S/N 18267301 and on
65 S/N 18265176 and on
66 Model 182S only
67 Models 182T, T182T only

Continued on next page

Cessna 180, 182, 185, 188 Series
continued from previous page

A182J,K,L,N, F182P,Q, FR182, R182, TR182
S/N A182-0001 thru A182-0148
F18200001 thru F18200169
FR18200001 thru FR18200070
R18200001 thru R18202041

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 74 K
		SA-0731606-9 74 S
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 72 K
		SA-0731606-10 71 S
Cap, Vert. Fin Small Beacon Base	J	K1231064 73 K
Cap, Vert. Fin 2 ¼" Beacon Base	J	SA-1231064-1 74 S
Fairing, Brake Cover, LH	G	K0741641-19 71 K
		SA-0741641-15 71 S
Fairing, Brake Cover, RH	G	K0741641-18 71 K
		SA-0741641-14 71 S
Fairing Land. Gear Strut LH	F	SA-0741052-201 71 S
Fairing Land. Gear Strut RH	F	SA-0741052-200 71 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 71 K
		K0741046-203 75 K
		SA-0541223-17 71 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 71 K
		K0741046-202 75 K
		SA-0541223-16 71 S
Fairing, Nose Wheel	C	20-40N-80A 71 T
		GF0543079-00 71 K
		K0743625-14 75 K
		SA-0543079-3 71 S
Fairing, Stinger (Tailcone)	N	K1212010-19 K
		SA-1212010-15 74 S
Fairing, Strut To Fuslg, LH	E	182-LFS T
		K0723612-3 74 T
		SA-0720702-9 77 S
		SA-0723612-3 71 S
Fairing, Strut To Fuslg, RH	E	182-RFS T
		K0723612-4 74 T
		SA-0720702-10 77 S
		SA-0723612-4 71 S
Fairing, Strut To Wing, LH	D	180-LWS T
		K0723605-3 74 T
		SA-0720702-1 77 S
		SA-0723605-3 74 2 S
Fairing, Strut To Wing, RH	D	180-RWS T
		K0723605-4 74 T
		SA-0720702-2 77 S
		SA-0723605-4 74 2 S
Tip, Elevator, LH	M	GF1234608-01 73 K
		SA-1234608-3 74 S
Tip, Elevator, RH	M	GF1234608-02 73 K
		SA-1234608-4 74 S
Tip, Horiz. Stab., LH or RH	P	GF1232604-1 69 K
		GF1232604-2 70 K
Tip, Wing, LH	A	20-52L-80A 74 T
		GF0723200-5 77 K
		SA-0723200-5 74 4 1 S
Tip, Wing, RH	A	20-52R-80A 74 T
		GF0723200-6 77 K
		SA-0723200-6 74 4 1 S
Tip, Wing, Sym., LH or RH	A	K0723615-200 68 K

Continued on next column

185, 185A,B,C,D,E, A185E,F
S/N 185-0001 thru 18504448

Description	Idx	Part Number
Cap, Vertical Fin No Beacon Base	J	SA-0742025-1 S
Cap, Vert. Fin 2 ¼" Beacon Base	J	SA-0731019-2 S
Cap, Vert. Fin 3 ½" Beacon Base	J	SA-0731015-1 S
Fairing, Brake Cover, LH	G	SA-0741059-1 S
Fairing, Brake Cover, RH	G	SA-0741059-2 S
Fairing, Main Wheel, LH (Wheel Pant)	B	SA-0741070-1 83 S
Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0741070-2 83 S
Fairing, Stinger (Tailcone)	N	SA-0712400-9 S
Fairing, Strut To Fuslg, LH	E	180-LFS-T 80 T
		SA-0723605-1 76 S
		SA-1227002-3SP 3 S
Fairing, Strut To Fuslg, RH	E	180-RFS-T 80 T
		SA-0723605-2 76 S
		SA-1227002-2SP 3 S
Fairing, Strut To Wing, LH	D	180-LWS T
		SA-0723605-3 76 S
		SA-1227002-11SP 3 S
Fairing, Strut To Wing, RH	D	180-RWS T
		SA-0723605-4 76 S
		SA-1227002-10SP 3 S
Fairing, Tailwheel Strg Cbl LH	O	SA-0712309-9 S
Fairing, Tailwheel Strg Cbl RH	O	SA-0712309-10 S
Tip, Horiz. Stab., LH or RH	P	SA-0732613-3 S
Tip, Wing, LH	A	20-51L-80A 81 T
		20-52L-80A 83 T
		GF0723200-5 K
		SA-0723200-5 83 4 1 S
Tip, Wing, RH	A	20-51R-80A 81 T
		20-52R-80A 83 T
		GF0723200-6 K
		SA-0723200-6 83 4 1 S
Tip, Wing, Conical, LH	A	GF0523565-29791 82 K
		SA-0523565-29 82 4 1 S
Tip, Wing, Conical, RH	A	GF0523565-30791 82 K
		SA-0523565-30 82 4 1 S
Tip, Wing, Hoerner Style	A	11004 (set of two) 78 K
Tip, Wing, Sym., LH or RH	A	K0723615-200 78 K
		SA-0723615-200 78 S

Notes:
1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See page 427. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
2 Also available as a FAA-PMA/STC approved split Fairing for easy install & removal; add "SP" suffix to the P/N
3 FAA-PMA/STC approved split Fairing for easy install and removal
4 For kits including LH and RH, see page 459
5 For wings with a conical wing tip
6 For a wing with STOL leading edge radius
66 Model 182S only
67 Models 182T, T182T only
68 S/N A182-0001 thru A182-0116 only
69 S/N 18200001 thru 18201313 only
70 S/Ns 18201314 and on and FR18200046 thru FR18200070
71 Models F182P,Q only
72 Models F182P,Q, FR182 and R182 only
73 Models F182P,Q, FR182, R182 and TR182 only
74 Models F182P,Q, R182 and TR182 only
75 Models A182K,L,N only
76 S/N 185-0001 thru 185-0237 only
77 S/N 185-0001 thru 185-0967 only
78 S/N 185-0001 thru 185-1149 only
79 S/N 185-0001 thru 185-1599 only
80 S/N 185-0001 thru 18502310 only

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Cessna 180, 182, 185, 188 Series
continued from previous page

188, 188A,B, A188, A188A,B, T188C
S/N 188-0001 thru 18803973

Description	Idx	Part Number
Cover, Fuel Strainer	Q	SA-1616036-1 84 S
Fairing, Gear Leg, LH	F	SA-1621410-7 85 S
		SA-1613420-11 87 S
		SA-1613220-23 86 S
Fairing, Gear Leg, RH	F	SA-1621410-8 85 S
		SA-1613420-12 87 S
		SA-1613220-24 86 S
Fairing, Stinger (Tailcone)	N	SA-0712400-9 S
Fairing, Strut Upper, LH	E	SA-1613220-11 87 S
		SA-1620024-1 87 S
Fairing, Strut Upper, RH	E	SA-1613220-12 87 S
		SA-1620024-2 87 S
Fairing, TE Wing Root, LH	R	SA-1600011-1 84 S

Continued on next column

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Fairing, TE Wing Root, RH	R	SA-1600011-2 84 S
Tip, Wing, LH	A	20-52L-80A T
		SA-0723200-5 4 1 S
Tip, Wing, RH	A	20-52R-80A T
		SA-0723200-6 4 1 S

Notes:

1 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See below. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

4 For kits including LH and RH, see below

84 Model T188C not eligible

85 Models 188B and A188B only

86 Models 188A,B and A188A,B only

87 Models 188, 188A, A188, A188A only

Manufacturer/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic Parts

Kits available for 180, 182, 185 and 188 aircraft

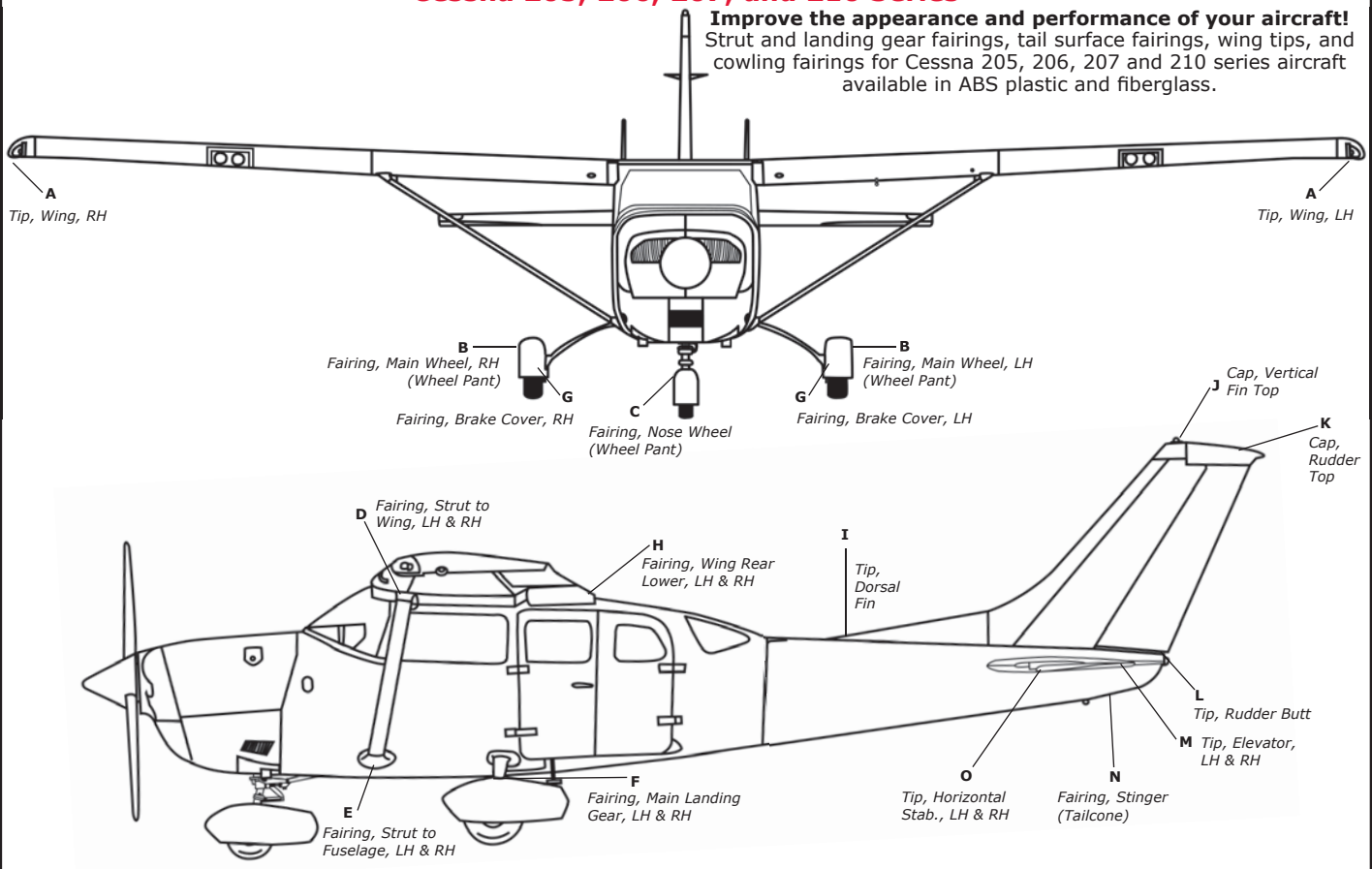
Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
20-52-80A	Conical Wing Tip Kit	20-52L-80A	Tip, Wing, LH
		20-52R-80A	Tip, Wing, RH
30-04-80A	Wing Strut Fairing Kit	180-LFS-T	Fairing, Strut To Fuselage, LH
		180-RFS-T	Fairing, Strut To Fuselage, RH
		180-LWS	Fairing, Strut to Wing, LH
		180-RWS	Fairing, Strut to Wing, RH
31-01-80A	Wing Strut Fairing Kit	182-LFS	Fairing, Strut To Fuselage, LH
		182-RFS	Fairing, Strut To Fuselage, RH
		180-LWS	Fairing, Strut to Wing, LH
		180-RWS	Fairing, Strut to Wing, RH
31-03-80A	Landing Gear Fairing Kit	31-03-LGF	Fairing, Land. Gear Strut, LH
		31-03-RGF	Fairing, Land. Gear Strut, RH
31-07-80A	Brake Cover Fairing Kit	31-07-LBC	Fairing, Brake Cover, LH
		31-07-RBC	Fairing, Brake Cover, RH
31-08-80A	Brake Cover Fairing Kit	31-08-LBC	Fairing, Brake Cover, LH
		31-08-RBC	Fairing, Brake Cover, RH
KPS01	Split Strut Fairing Kit, Plastic	K0723612-3	Fairing, Strut to Fuselage, LH
		K0723612-4	Fairing, Strut to Fuselage, RH
		K0723605-3	Fairing, Strut to Wing, LH
		K0723605-4	Fairing, Strut to Wing, RH
KPS02	Split Strut Fairing Kit, Plastic	K0723605-1	Fairing, Strut to Fuselage, LH
		K0723605-2	Fairing, Strut to Fuselage, RH
		K0723605-3	Fairing, Strut to Wing, LH
		K0723605-4	Fairing, Strut to Wing, RH
SA-0523565-2930	Wing Tips 1 2	SA-0523565-29	Tip, Wing, Conical, LH
		SA-0523565-30	Tip, Wing, Conical, RH
SA-0720702-1234	Strut Fairing Kit	SA-0720702-9	Fairing, Strut to Fuselage, LH
		SA-0720702-10	Fairing, Strut to Fuselage, RH
		SA-0720702-1	Fairing, Strut to Wing, LH
		SA-0720702-2	Fairing, Strut to Wing, RH
SA-0723200-56	Wing Tips 1 2	SA-0723200-5	Tip, Wing, Conical, LH
		SA-0723200-6	Tip, Wing, Conical, RH
SA-0723605-1234	Strut Fairing Kit, Fiberglass For FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N	SA-0723605-1	Fairing, Strut to Fuselage, LH
		SA-0723605-2	Fairing, Strut to Fuselage, RH
		SA-0723605-3	Fairing, Strut to Wing, LH
		SA-0723605-4	Fairing, Strut to Wing, RH
SA-0723612-3434	Strut Fairing Kit, Fiberglass For FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N	SA-0723612-3	Fairing, Strut to Fuselage, LH
		SA-0723612-4	Fairing, Strut to Fuselage, RH
		SA-0723605-3	Fairing, Strut to Wing, LH
		SA-0723605-4	Fairing, Strut to Wing, RH
SA-1227002-1145 SP	Split Strut Fairing Kit, Fiberglass	SA-1227002-3SP	Fairing, Strut to Fuselage, LH
		SA-1227002-2SP	Fairing, Strut to Fuselage, RH
		SA-1227002-11SP	Fairing, Strut to Wing, LH
		SA-1227002-10SP	Fairing, Strut to Wing, RH

1 Add "LL-14V (14 Volt Installation) or LL-28V (28 Volt Installation)" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Installation kit including all hardware required for installation of Quasar LED lighted wing tips is included. Kits include shielded wire, all connectors, switches and breaker.

2 Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

Cessna 205, 206, 207, and 210 Series

Improve the appearance and performance of your aircraft!
Strut and landing gear fairings, tail surface fairings, wing tips, and cowling fairings for Cessna 205, 206, 207 and 210 series aircraft available in ABS plastic and fiberglass.



210-5(205), 210-5A(205A)
S/N 205-0001 thru 205-0577

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 K
		SA-0731606-10 S
		SA-1231001-2 S
Cap, Vertical Fin	J	GF0731606-03 K
Fairing, Stinger (Tailcone)	N	SA-1212010-14 S
Fairing, Strut To Fuslg, LH	E	SA-1227401-5 1 S
Fairing, Strut To Fuslg, RH	E	SA-1227401-4 1 S
Fairing, Strut To Wing, LH	D	SA-1227002-11 1 S
Fairing, Strut To Wing, RH	D	SA-1227002-10 1 S
Tip, Horiz. Stab., LH or RH	O	SA-0732613-1 S
Tip, Wing, LH	A	SA-1223000-7 S
Tip, Wing, RH	A	SA-1223000-8 S

206, TU206A,B,C,D, U206, U206A,B,C,D
S/N 206-0001 thru 206-0275,
U206-0276 thru U206-1444

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 5 K
		GF0731606-01 10 K
		SA-0731606-6 8 S
		SA-1231001-2 3 S
		SA-1233736-1 40 S
Cap, Vertical Fin No Beacon Base	J	K0731606-1 8 K
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 8 K
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-3 8 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 10 K
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 10 K

Continued on next column

206, TU206A,B,C,D, U206, U206A,B,C,D continued
S/N 206-0001 thru 206-0275,
U206-0276 thru U206-1444

Description	Idx	Part Number
Fairing, Nose Wheel	C	K0743625-14 12 K
Fairing, Strut To Fuslg, LH	E	SA-1227402-3 1 S
Fairing, Strut To Fuslg, RH	E	SA-1227402-4 1 S
Fairing, Strut To Wing, LH	D	SA-1227002-11 1 S
Fairing, Strut To Wing, RH	D	SA-1227002-10 1 S
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
		SA-1212010-14 S
Tip, Elevator, LH	M	GF1234608-01 4 K
		K1234640-1 9 K
		SA-1234608-3 7 S
		SA-1234640-1 9 S

Notes:
1 Also available as a FAA-PMA/STC approved split Fairing for easy installation and removal; add an "SP" suffix to the P/N.
2 For wings with a conical wing tip
3 Models 206, U206 only
4 Models 206, U206, U206A,B only
5 Models 206, U206, U206A,B,C,D only
6 Models 206, TU206B, U206, U206A, only
7 Models TU206A,B, U206A,B only
8 Models TU206B,C,D, U206B,C,D only
9 Models TU206C,D, U206C,D only
10 Models U206B,C,D only
11 Models U206C only
12 S/N U206-0657 thru U206-1389 only
13 S/N U206-1161 thru U206-1444 only
40 For aircraft with factory float kit option only

Continued on next page

Mfg/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic

Cessna 205, 206, 207, and 210 Series

206, TU206A,B,C,D, U206, U206A,B,C,D continued
S/N 206-0001 thru 206-0275,
U206-0276 thru U206-1444

Description	Idx	Part Number
Tip, Elevator, RH	M	GF1234608-02 4 K
		K1234640-2 9 K
		SA-1234608-4 7 S
		SA-1234640-2 9 S
Tip, Horiz. Stab., LH or RH	O	GF1232604-1 6 K
		SA-1232604-1 7 S
		SA-1232012-1 13 S
		SA-1232616-1 11 S
Tip, Wing, LH	A	SA-1223000-7 S
Tip, Wing, RH	A	SA-1223000-8 S

P206, P206A,B,C,D,E, TP206A,B,C,D,E
S/N P206-0002 thru P206-0647

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 14 K
		GF0731606-01 18 K
		SA-0731606-6 18 S
		SA-1231001-2 14 S
Cap, Vertical Fin No Beacon Base	J	K0731606-1 18 K
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 18 K
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-3 18 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 18 K
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 18 K
Fairing, Nose Wheel	C	K0743625-14 17 K
Fairing, Strut To Fuslg, LH	E	SA-1227402-3 1 S
Fairing, Strut To Fuslg, RH	E	SA-1227402-4 1 S
Fairing, Strut To Wing, LH	D	SA-1227002-11 1 S
Fairing, Strut To Wing, RH	D	SA-1227002-10 1 S
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
		SA-1212010-14 S
Tip, Elevator, LH	M	GF1234608-01 15 K
		K1234640-1 20 K
		SA-1234608-3 16 S
		SA-1234640-1 20 S
Tip, Elevator, RH	M	GF1234608-02 15 K
		K1234640-2 20 K
		SA-1234608-4 16 S
		SA-1234640-2 20 S
Tip, Horiz. Stab., LH or RH	O	GF1232604-1 15 K
		SA-1232604-1 16 S
		SA-1232012-1 21 S
		SA-1232616-1 19 S
Tip, Wing, LH	A	20-51L-80A 21 T
		SA-1223000-7 S
Tip, Wing, RH	A	20-51R-80A 21 T
		SA-1223000-8 S

TU206E,F,G, U206E,F,G
S/N U20601445 thru U20607020

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 26 K
		GF0731606-01 30 K
		SA-0731606-6 29 S
		SA-0731606-9 39 S
		SA-1233736-1 40 S
Cap, Vertical Fin No Beacon Base	J	K0731606-1 30 K
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 30 K
		K1231064 39 K

Continued on next column

TU206E,F,G, U206E,F,G continued
S/N U20601445 thru U20607020

Description	Idx	Part Number
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-3 29 S
		SA-1231064-1 39 S
Cap, Vertical Fin 2 ½" Beacon Base	J	SA-1231059-1 35 S
Fairing, Brake, LH	G	SA-1241113-1 27 S
		SA-1241232-1 27 S
Fairing, Brake, RH	G	SA-1241113-2 27 S
		SA-1241232-2 27 S
Fairing, Main Gear, LH	B	GF0541223-01 38 K
		SA-0541203-1 31 S
		SA-0541223-17 38 S
		SA-1241229-1 24 S
Fairing, Main Gear, RH	B	GF0541223-02 38 K
		SA-0541203-2 31 S
		SA-0541223-16 38 S
		SA-1241229-2 24 S
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 28 K
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 28 K
Fairing, Nose Wheel	C	20-40N-80A 34 T
		GF0543079-00 38 K
		SA-0543065-1 31 S
		SA-0543079-3 38 S
		SA-1234045-1 24 S

Notes:

1 Also available as a FAA-PMA/STC approved split Fairing for easy installation and removal; add an "SP" suffix to the P/N.
2 For wings with a conical wing tip
3 Models 206, U206 only
4 Models 206, U206, U206A,B only
5 Models 206, U206, U206A,B,C,D only
6 Models 206, TU206B, U206, U206A, only
7 Models TU206A,B, U206A,B only
8 Models TU206B,C,D, U206B,C,D only
9 Models TU206C,D, U206C,D only
10 Models U206B,C,D only
11 Models U206C only
12 S/N U206-0657 thru U206-1389 only
13 S/N U206-1161 thru U206-1444 only
14 Models P206, P206A only
15 Models P206, P206A,B only
16 Models P206A,B, TP206A,B only
17 Models P206B,C,D only
18 Models P206B,C,D,E only
19 Models P206C,D only
20 Models P206C,D,E, TP206C,D,E only
21 Models P206D,E, TP206D,E only
22 Models TU206E,U206E only
23 Models TU206F, U206F only
24 Models TU206F,G, U206F,G only
25 Model U206E only
26 Models U206E,F,G only
27 Model U206G only
28 S/N U20601445 thru U20601587 only
29 S/N U20601445 thru U20601905 only
30 S/N U20601445 thru U20603020 only
31 S/N U20601588 thru U20602199 only
33 S/N U20601605 thru U20601700 only
34 S/N U20601701 thru U20603521 only
35 S/N U20601906 thru U20603020 only
37 S/N U20602576 and on
38 S/N U20602580 and on
39 S/N U20603021 and on
40 For aircraft with factory float kit option only

Continued on next page

Mfg/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic

TU206E,F,G, U206E,F,G continued
S/N U20601445 thru U20607020

Description	Idx	Part Number
Fairing, Strut To Fuslg, LH	E	SA-1227010-1 24 S
		SA-1227402-3 22 1 S
Fairing, Strut To Fuslg, RH	E	SA-1227010-2 24 S
		SA-1227402-4 22 1 S
Fairing, Strut To Wing, LH	D	SA-1227002-11 22 1 S
		SA-1227005-5 37 S
Fairing, Strut To Wing, RH	D	SA-1227002-10 22 1 S
		SA-1227005-6 37 S
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
		SA-1212010-14 S
Tip, Elevator, LH	M	K1234640-1 K
		SA-1234640-1 S
Tip, Elevator, RH	M	K1234640-2 K
		SA-1234640-2 S
Tip, Horiz. Stab., LH or RH	O	GF1232012-1 24 K
		SA-1232012-1 S
Tip, Wing, LH	A	20-51L-80A 25 T
		20-52L-80A 23 T
		GF0723200-5 24 K
		SA-0723200-5 24 52 54 S
Tip, Wing, RH	A	20-51R-80A 25 T
		20-52R-80A 23 T
		GF0723200-6 24 K
		SA-0723200-6 24 52 54 S
Tip, Wing, Conical, LH	A	GF0523565-29791 33 K
		SA-0523565-29 33 52 54 S
Tip, Wing, Conical, RH	A	GF0523565-30791 33 K
		SA-0523565-30 33 52 54 S

206H, T206H
S/N 20608001 thru 20699999, T20608001 thru T20699999

Description	Idx	Part Number
Cap, Rudder Top	K	SA-0731606-9 S
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-11 S
Cap, Vertical Fin 2 ½" Beacon Base	J	K1231064 K
Fairing, Main Gear, LH	B	GF0541223-01 42 K
		SA-0541223-17 S
		SA-1241229-1 S
Fairing, Main Gear, RH	B	GF0541223-02 42 K
		SA-0541223-16 S
		SA-1241229-2 S
Fairing, Nose Wheel	C	SA-0543079-3 S
		SA-1243045-12 55 S
Fairing, Strut To Fuslg, LH	E	SA-1227010-1 S
Fairing, Strut To Fuslg, RH	E	SA-1227010-2 S
Fairing, Strut To Wing, LH	D	SA-1227005-5 S
Fairing, Strut To Wing, RH	D	SA-1227005-6 S
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
Tip, Elevator, LH	M	K1234640-1 K
		SA-1234640-3 S
Tip, Elevator, RH	M	K1234640-2 K
		SA-1234640-4 S
Tip, Horiz. Stab., LH or RH	O	SA-1232012-1 S
Tip, Wing, LH	A	GF0723200-5 K
		SA-0723200-5 41 52 54 S
		SA-0723205-1 S

Continued on next column

206H, T206H continued
S/N 20608001 thru 20699999, T20608001 thru T20699999

Description	Idx	Part Number
Tip, Wing, RH	A	GF0723200-6 K
		SA-0723200-6 41 52 54 S
		SA-0723205-2 S

207, 207A, T207, T207A
S/N 20700001 thru 20700788

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 50 K
		GF0731606-01 46 K
		SA-0731606-6 46 S
		SA-0731606-9 50 S
Cap, Vertical Fin No Beacon Base	J	K0731606-1 46 K
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 46 K
		K1231064 50 K
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-3 44 S
		SA-1231064-1 50 S
Cap, Vertical Fin 2 ½" Beacon Base	J	SA-1231059-1 48 S
Fairing, Brake, LH	G	SA-1241228-1 50 S
Fairing, Brake, RH	G	SA-1241228-2 50 S
Fairing, Gear Leg, LH	F	SA-1241217-1 S
Fairing, Gear Leg, RH	F	SA-1241217-2 S
Fairing, Main Gear, LH	B	GF0541223-01 50 K
Fairing, Main Gear, RH	B	GF0541223-02 50 K
Fairing, Nose Wheel	C	GF0543079-00 50 K
		K0743625-14 47 K
		SA-0543079-3 47 S

Notes:

1 Also available as a FAA-PMA/STC approved split Fairing for easy installation and removal; add an "SP" suffix to the P/N.
2 For wings with a conical wing tip
23 Models TU206F, U206F only
24 Models TU206F,G, U206F,G only
25 Model U206E only
26 Models U206E,F,G only
27 Model U206G only
28 S/N U20601445 thru U20601587 only
29 S/N U20601445 thru U20601905 only
30 S/N U20601445 thru U20603020 only
31 S/N U20601588 thru U20602199 only
33 S/N U20601605 thru U20601700 only
34 S/N U20601701 thru U20603521 only
35 S/N U20601906 thru U20603020 only
37 S/N U20602576 and on
38 S/N U20602580 and on
39 S/N U20603021 and on
40 For aircraft with factory float kit option only
41 S/N 206-08001 thru 20608361 and T20608001 thru T20608361 only
42 Model T206H only
43 S/N 20700001 thru 20700148 only
44 S/N 20700001 thru 20700216 only
46 S/N 20700001 thru 20700314 only
47 S/N 20700001 thru 20700362 only
48 S/N 20700217 thru 20700314 only
49 S/N 20700192 and on
50 S/N 20700315 and on
51 S/N 20700363 and on
52 For kits including LH and RH, see the end of this section
53 For a wing with STOL leading edge radius
54 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See last page of this section. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

Continued on next page

207, 207A, T207, T207A continued
S/N 20700001 thru 20700788

Description	Idx	Part Number
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
		SA-1212010-14 S
Fairing, Strut To Fuslg, LH	E	SA-1227010-1 S
Fairing, Strut To Fuslg, RH	E	SA-1227010-2 S
Fairing, Strut To Wing, LH	D	SA-1227011-5 S
Fairing, Strut To Wing, RH	D	SA-1227011-6 S
Tip, Elevator, LH	M	K1234640-1 K
		SA-1234640-1 51 S
Tip, Elevator, RH	M	K1234640-2 K
		SA-1234640-2 51 S
Tip, Horiz. Stab., LH or RH	O	GF1232012-1 K
		SA-1232012-1 51 S
Tip, Wing, LH	A	20-51L-80A 47 T
		SA-1223000-7 43 S
		SA-0523565-29 49 52 54 S
Tip, Wing, RH	A	20-51R-80A 47 T
		SA-1223000-8 43 S
		SA-0523565-30 49 52 54 S
Tip, Wing, Conical, LH	A	GF0523565-29791 49 K
Tip, Wing, Conical, RH	A	GF0523565-30791 49 K

210, 210A,B,C,D,E,F
S/N 57001 thru 21058818

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 K
		SA-1231001-2 S
Cap, Vertical Fin	J	GF0731606-03 K
Fairing, Strut To Fuslg, LH	E	34-01-01-LFS 56 T
		34-01-23-LFS 59 T
		SA-1227002-3 56 S
		SA-1227401-3 59 S
		SA-1227402-1 60 S
		SA-1227402-3 63 S
Fairing, Strut To Fuslg, RH	E	34-01-01-RFS 56 T
		34-01-23-RFS 59 T
		SA-1227002-2 56 S
		SA-1227401-2 59 S
		SA-1227402-2 60 S
		SA-1227402-4 63 S
Fairing, Strut To Wing, LH	D	34-01-05-LWS 58 T
		SA-1227002-11 61 S
		SA-1227002-5 57 S
Fairing, Strut To Wing, RH	D	34-01-05-RWS 58 T
		SA-1227002-10 61 S
		SA-1227002-4 57 S
Fairing, Stinger (Tailcone)	N	SA-1212010-14 S
Tip, Elevator, LH	M	GF1234608-01 K
		SA-1234608-3 61 S
Tip, Elevator, RH	M	GF1234608-02 K
		SA-1234608-4 61 S
Tip, Horiz. Stab., LH or RH	O	SA-0732613-1 57 S
		GF1232604-1 61 K
		SA-1232604-1 61 S
Tip, Wing, Hoerner Style	A	11004 (set of two) K
Tip, Wing, LH	A	SA-1223000-7 57 S
Tip, Wing, RH	A	SA-1223000-8 57 S

Continued on next column

210G,H,J,K,L,M,N,R
S/N 21058819 thru 21065009

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 72 K
		GF0731606-01 64 K
		SA-0731606-6 68 S
		SA-0731606-9 72 S
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 74 K
		K0731606-1 64 K
		SA-0731606-1 68 S
		SA-0731606-10 73 S
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 64 K
		K1231064 74 K
Cap, Vertical Fin 2 ¼" Beacon Base	J	SA-0731606-3 67 S
		SA-1231064-1 73 S
Cap, Vertical Fin 2 ½" Beacon Base	J	SA-1231059-1 71 S
Fairing, Stinger (Tailcone)	N	GF1212010-00 70 K
		SA-1212010-14 S
Tip, Elevator, LH	M	K1234640-1 K
		SA-1234640-1 65 S
Tip, Elevator, RH	M	K1234640-2 K
		SA-1234640-2 65 S
Tip, Horiz. Stab., LH or RH	O	SA-1232012-1 65 S
		GF1232012-1 66 K
Tip, Wing, LH	A	SA-1221111-203 69 S
Tip, Wing, RH	A	SA-1221111-202 69 S

Notes:

43 S/N 20700001 thru 20700148 only
44 S/N 20700001 thru 20700216 only
46 S/N 20700001 thru 20700314 only
47 S/N 20700001 thru 20700362 only
48 S/N 20700217 thru 20700314 only
49 S/N 20700192 and on
50 S/N 20700315 and on
51 S/N 20700363 and on
52 For kits including LH and RH, see the end of this section
53 For a wing with STOL leading edge radius
54 Add "LL-14V or LL-28V" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Must purchase as a LH and RH kit. See last page of this section. Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.
55 Heavy duty
56 Models 210, 210A only
57 Models 210, 210A,B,C only
58 Models 210, 210A,B,C,D,E only
59 Models 210B,C only
60 Models 210D,E only
61 Models 210D,E,F only
63 Model 210F only
64 S/N 21058819 thru 21061573 only
65 S/N 21058819 thru 21064897 only
66 S/N 21059038 thru 21064897 only
67 S/N 21059200 thru 21059719 only
68 S/N 21059200 thru 21061039 only
69 S/N 21059200 thru 21064897 only
70 S/N 21059200 and on
71 S/N 21059503 thru 21061573 only
72 S/N 21059503 and On
73 S/N 21061040 thru 21064135 only
74 S/N 21061040 and on

Continued on next page

Cessna 205, 206, 207, and 210 Series

P210N,R
S/N P21000001 thru P21000874

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 K
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 K
Cap, Vertical Fin Small Beacon Base	J	K1231064 K
Fairing, Stinger (Tailcone)	N	GF1212010-00 K
		SA-1212010-14 S
Tip, Elevator, LH	M	K1234640-1 K
		SA-1234640-1 80 S
Tip, Elevator, RH	M	K1234640-2 K
		SA-1234640-2 80 S
Tip, Wing, LH	A	SA-1221111-203 80 S
Tip, Wing, RH	A	SA-1221111-202 80 S

T210F,G,H,J,K,L,M,N,R
S/N T210-0001 thru T210-0454

Description	Idx	Part Number
Cap, Rudder Top	K	GF0731606-04 83 K
		GF0731606-01 76 K
		SA-1231001-2 75 S
Cap, Vertical Fin No Beacon Base	J	GF0731606-03 75 K
		K0731606-1 76 K
Cap, Vertical Fin Small Beacon Base	J	K0731606-3 76 K
		K1231064 75 K
Cap, Vertical Fin 2 ½" Beacon Base	J	SA-1231059-1 84 S

Continued on next column

T210F,G,H,J,K,L,M,N,R continued
S/N T210-0001 thru T210-0454

Description	Idx	Part Number
Fairing, Stinger (Tailcone)	N	GF1212010-00 82 K
		SA-1212010-14 S
Tip, Elevator, LH	M	GF1234608-01 75 K
		K1234640-1 78 K
		SA-1234608-3 75 S
		SA-1234640-1 77 S
Tip, Elevator, RH	M	GF1234608-02 75 K
		K1234640-2 78 K
		SA-1234608-4 75 S
		SA-1234640-2 77 S
Tip, Horiz. Stab., LH or RH	O	SA-1232012-1 77 S
		GF1232012-1 79 K
		GF1232604-1 75 K
		SA-1232604-1 75 S
Tip, Wing, LH	A	SA-1221111-203 81 S
Tip, Wing, RH	A	SA-1221111-202 81 S

75 Models T210F only
76 Models T210G,H,J,K,L only
77 Models T210G,H,J,K,L,M,N only
78 Models T210G,H,J,K,L,M,N,R only
79 S/N T210-0382 thru T210-0454 only
80 Model P210N only
81 Models T210K,L,M,N only
82 Models T210K,L,M,N,R only

Mfg/Material: A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic

Kits available for 205, 206, 207 and 210 aircraft

Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
20-52-80A	Conical Wing Tip Kit	20-52L-80A	Tip, Wing, LH
		20-52R-80A	Tip, Wing, RH
SA-0523565-2930	Wing Tips 1 2	SA-0523565-29	Tip, Wing, Conical, LH
		SA-0523565-30	Tip, Wing, Conical, RH
SA-0723200-56	Wing Tips 1 2	SA-0723200-5	Tip, Wing, LH
		SA-0723200-6	Tip, Wing, RH
SA-1227010-1256	Strut Fairing Kit, Fiberglass	SA-1227010-1	Fairing, Strut to Fuselage, LH
		SA-1227010-2	Fairing, Strut to Fuselage, RH
		SA-1227005-5	Fairing, Strut to Wing, LH
		SA-1227005-6	Fairing, Strut to Wing, RH
SA-1227010-5612	Strut Fairing Kit, Fiberglass	SA-1227010-1	Fairing, Strut to Fuselage, LH
		SA-1227010-2	Fairing, Strut to Fuselage, RH
		SA-1227011-5	Fairing, Strut to Wing, LH
		SA-1227011-6	Fairing, Strut to Wing, RH
SA-1227401-2345	Strut Fairing Kit, Fiberglass For FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N.	SA-1227401-5	Fairing, Strut to Fuselage, LH
		SA-1227401-4	Fairing, Strut to Fuselage, RH
		SA-1227002-11	Fairing, Strut to Wing, LH
		SA-1227002-10	Fairing, Strut to Wing, RH
SA-1227402-3456	Strut Fairing Kit, Fiberglass For FAA-PMA/STC split Fairings add an "SP" suffix to the kit P/N.	SA-1227402-3	Fairing, Strut to Fuselage, LH
		SA-1227402-4	Fairing, Strut to Fuselage, RH
		SA-1227002-11	Fairing, Strut to Wing, LH
		SA-1227002-10	Fairing, Strut to Wing, RH

1 Add "LL-14V (14 Volt Installation) or LL-28V (28 Volt Installation)" suffix for FAA-PMA/STC wing tips including Quasar LED landing/taxi lights and optimized to accept LED nav/strobe lights. Installation kit including all hardware required for installation of Quasar LED lighted wing tips is included. Kits include shielded wire, all connectors, switches and breaker.
2 Add "LED" suffix for FAA-PMA/STC wing tips optimized to accept LED nav/strobe lights.

Cessna 310, 336, 337, 340, 401, and 402 Series

310, 310P	
Description	**Part Number**
Cap, Nose, Left	GF0851119-1 1 K
Cap, Nose, Right	GF0851119-2 1 K
Fairing, Stinger (Tailcone)	GF0831372-1 2 K
Tip, Stabilizer, Left or Right	GF0832115-1 2 K

1 Model 310P S/N 310P0001 thru 310P0094 only
2 Model 310 only

336, 337, 337A,B,C,D,E,F,G,H, F337E,F,G,H, FT337E,F, P337H, T337G	
Description	**Part Number**
Fairing, Strut to Fuselage, LH	33-06-LFS 1 T
	SA-1412251-3 5 S
	SA-1521002-1 6 S
Fairing, Strut to Fuselage, RH	33-06-RFS 1 T
	SA-1412251-4 5 S
	SA-1521002-2 6 S
Fairing, Strut to Wing, LH	33-06-LWS 1 T
	SA-1421001-5 5 S
	SA-1521002-3 6 S
Fairing, Strut to Wing, RH	33-06-RWS 1 T
	SA-1421001-6 5 S
	SA-1521002-4 6 S

Continued on next column

336, 337, 337A,B,C,D,E,F,G,H, F337E,F,G,H, FT337E,F, P337H, T337G continued	
Description	**Part Number**
Tip, Rudder	GF1431001-8 2 K
	SA-1431001-8 6 S
Tip Vertical Fin, Lower	GF1431001-11 2 K
	SA-1431001-11 6 S
Tip, Vertical Fin, Upper	GF1531003-9 3 K
	SA-1531003-9 6 S
Tip, Vertical Fin, Upper LH	GF1431001-10 4 K
Tip, Wing, LH	SA-1520008-23 6 S
Tip, Wing, RH	SA-1520008-24 6 S

340, 401, 401A,B, 402, 402A,B,C	
Description	**Part Number**
Tip, Stabilizer, Left or Right	GF0832115-1 K

1 337, 337A,B,C,D,E,F only
2 336, 337, 337A,B,C,D,F,G,H, F337E,F,G,H, FT337E,F,P337H,T337G only
3 337G,H, F337G, P337H,T337G only
4 336, 337, F337E,F,G,H, FT337E,F, P337H, T337G only
5 337E,F, T337E,F only
6 337G,H, T337H only

A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic







Commander 112/114 Series

112		
Description	**Idx**	**Part Number**
Vertical Fin Tip	1	GF44300-3 1
Dorsal Fin Tip	3	GF43650-501
Stabilator Tip	4	GF44324-400
Rudder Tip	7	GF44233-11 1
Wing Tips (LH)	5	GF142242-17
Wing Tips (RH)	5	GF142242-18
112A		
Description	**Idx**	**Part Number**
Stabilator Tip	4	GF44324-400
Wing Tips (LH)	5	GF142242-17
Wing Tips (RH)	5	GF142242-18
112B,TC,TCA		
Description	**Idx**	**Part Number**
Vertical Fin Tip	1	GF44300-3 2 3
Stabilator Tip	4	GF44324-400 4
Rudder Tip	7	GF44233-11 2
Wing Tips (LH)	6	GF175009-3
Wing Tips (RH)	6	GF175009-8

Continued on next column

114		
Description	**Idx**	**Part Number**
Vertical Fin Tip	1	GF44300-3
Tailcone Stinger	2	GF43367-210
Dorsal Fin Tip	3	GF43650-501
Stabilator Tip	4	GF44324-400 4
Rudder Tip	7	GF44233-11
Wing Tips (LH)	5	GF142242-17
Wing Tips (RH)	5	GF142242-18
114A,B		
Description	**Idx**	**Part Number**
Vertical Fin Tip	1	GF44300-3
Rudder Tip	7	GF44233-11
114TC		
Description	**Idx**	**Part Number**
Vertical Fin Tip	1	GF44300-3

Notes:
1 S/N 126 thru 499
2 112B S/N 500 and on, 112TC S/N 13000 thru 13149, 112TCA S/N 13150 and on
3 114TC S/N 14000-14624
4 Fits left or right



Photo courtesy of Lauren Sobkoviak

A Aircraft Development/Fiberglass, K Knots 2U/Fiberglass, S Stene Aviation/Fiberglass, T Texas Aeroplastics/ABS Plastic

1



Vertical Fin Tip
P/N GF44300-3

2



Tailcone Stinger
P/N GF43367-210

3



Dorsal Fin Tip
P/N GF43650-501

4



Stabilator Tip
P/N GF44324-400

5



Wing Tip
P/N GF142242-17 (Left)
P/N GF142242-18 (Right)

6



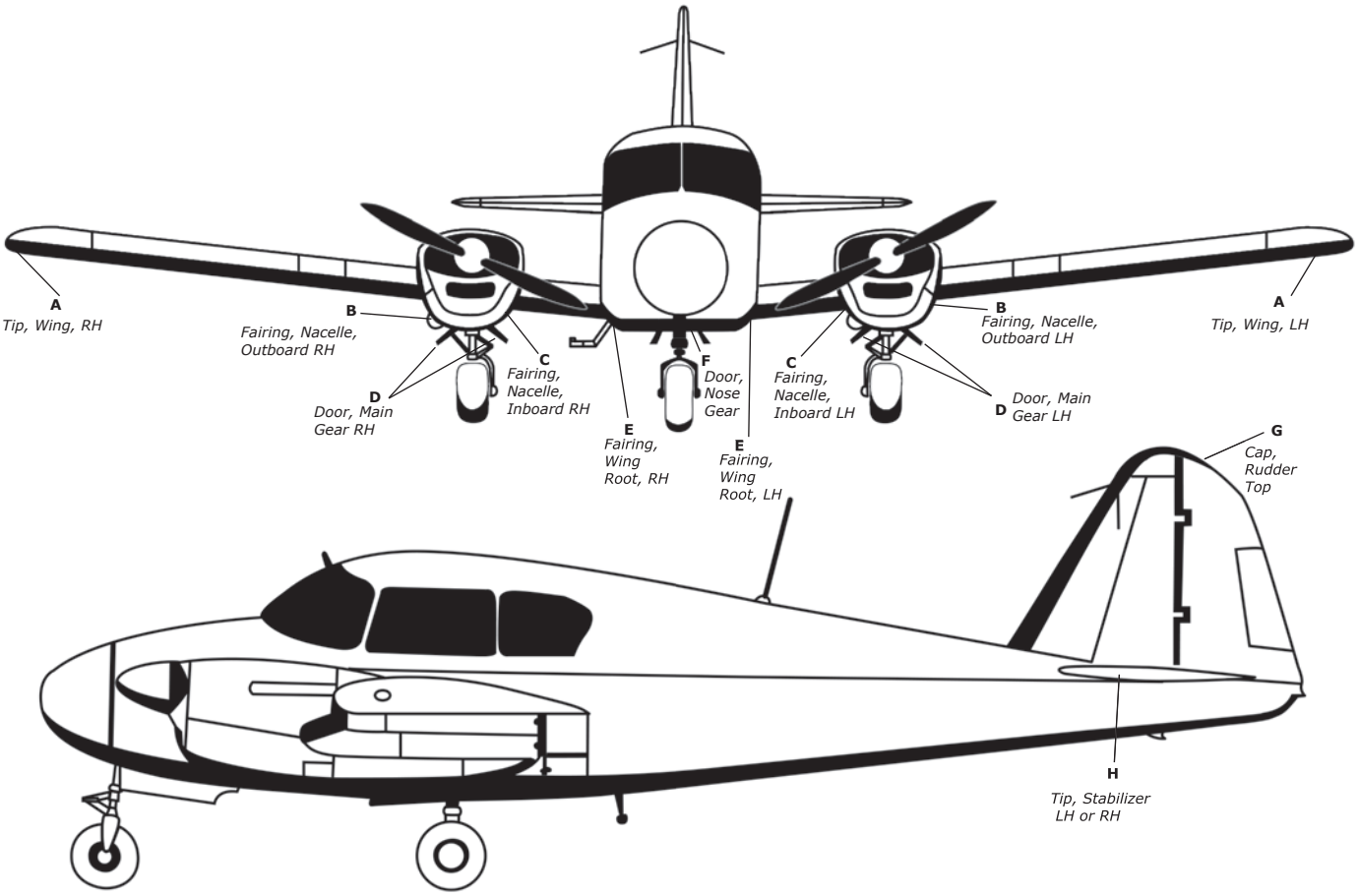
Wing Tip
P/N GF175009-3 (Left)
P/N GF175009-8 (Right)

7



Rudder Tip
P/N GF44233-11

PA-23, PA-30, PA-39 Series



PA-23-235, PA-23-250		
Description	**Idx**	**Part Number**
CAP, Rudder Top	G	33448-000K 4 K
		K16792-00 1 K
Door, Main Gear, LH	D	GF31466-00 2 6 K
Door, Main Gear, RH	D	GF31466-01 2 6 K
Door, Nose Gear, LH	F	GF31515-00 2 6 K
Door, Nose Gear, RH	F	GF31515-01 2 6 K
Fairing, Nacelle, Inboard LH	C	GF32466-00 3 K
Fairing, Nacelle, Inboard RH	C	GF32466-01 3 K
Fairing, Nacelle, Outboard LH	B	GF32471-00 3 K
Fairing, Nacelle, Outboard RH	B	GF32471-01 3 K
Fairing, Wing Root, LH	E	GF32464-00 3 K
Fairing, Wing Root, RH	E	GF32464-01 3 K
Tip, Stabilator, Set, RH & LH	H	GF28466-00 K
Tip, Stabilizer, LH or RH	H	GF16109-00 K
Tip, Wing, LH	A	GF34267-00 5 K
Tip, Wing, RH	A	GF34267-01 5 K

1 PA-23-235, PA-23-250 S/N 27-1 thru 27-3070 and 27-4445 thru 27-7305134
2 S/N 27-2505 and on
3 S/N 27-3889 and on
4 S/N 27-7305135 and on
5 S/N 27-7654001 thru 27-7954087
6 Only sold in a set containing both LH and RH

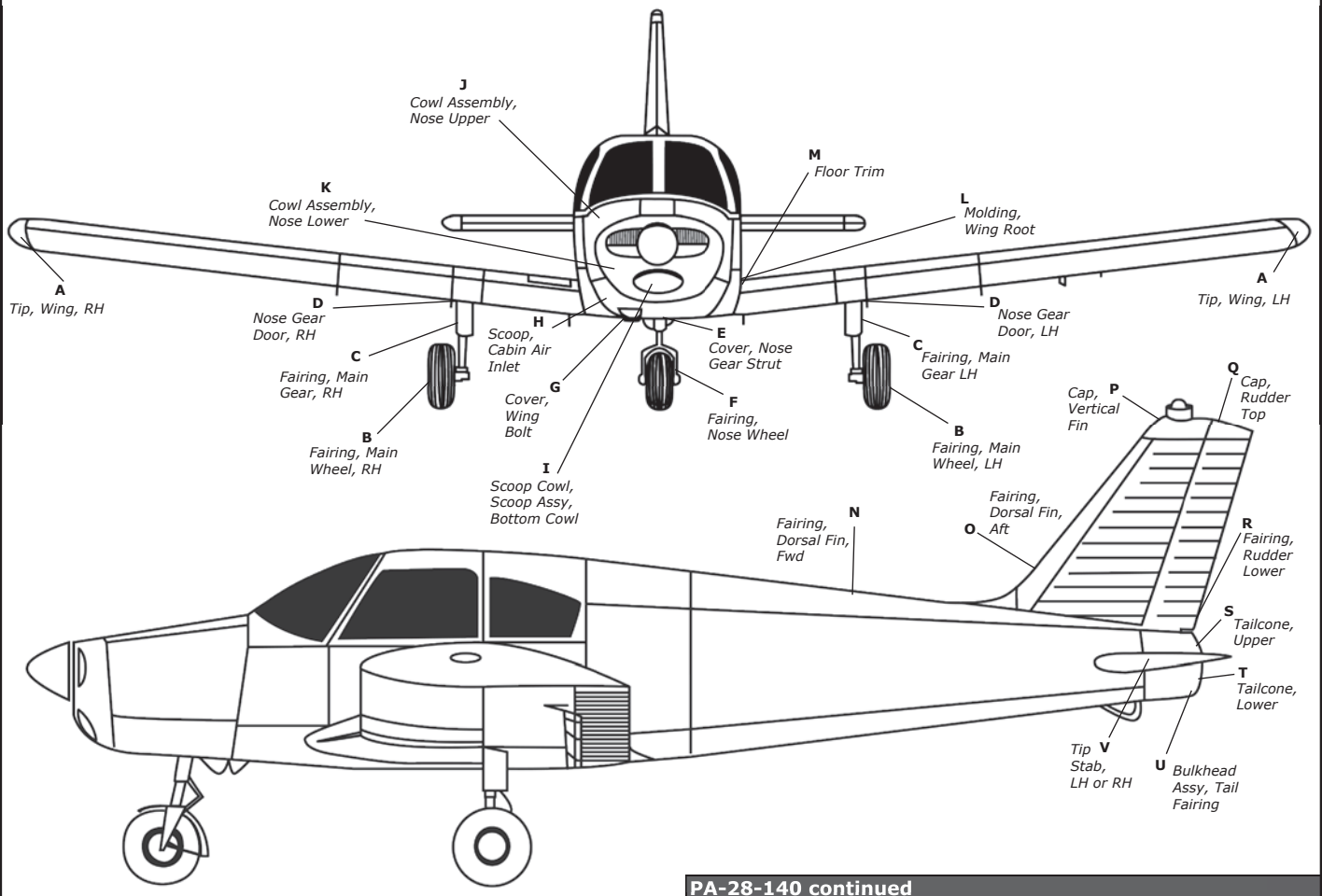
PA-30, 39		
Description	**Idx**	**Part Number**
Cap, Rudder Top	G	GF23595-00 K
Tip, Stabilizer, LH or RH	H	GF25066 2 K
		GF21556-00 1 K

1 PA-30 S/N 30-2 thru 30-1744 except 30-1717
2 PA-30 S/N 30-1717, 30-1745 and on, PA-39

Manufacturer/Material: K Knots 2U/Fiberglass



PA-24 and PA-28 Series



PA-24, PA-24-250, PA-24-260, PA-24-400		
Description	**Idx**	**Part Number**
Bulkhead Assy, Tail Fairing	U	GF20804-12 2 K
		GF21605-05 1 K
Cap, Rudder Top, w/o slot	Q	GF21555-00 K
		K23451-00 10 K
		GF24846-00 9 K
Cap, Rudder Top, with slot	Q	GF21555-02 K
Cap, Vertical Fin	P	GF21557-00 K
		GF24896-00 9 K
		SA-21557-00 3 S
Fairing, Fin		SA-20404-00 7 S
Scoop Assy, Bottom Cowl	I	GF21143 5 K
Scoop, Cabin Air Inlet	H	K21933-00 4 K
Scoop, Cowl	I	K21947-00 6 K
Tip, Stabilizer, LH or RH	V	GF16109-00 10 K
		GF21556-00 7 K
		GF28041-00 8 K
		SA-21556-00 7 S
Tip, Wing, Hoerner Style (set)	A	11050-1 K
PA-28-140		
Description	**Idx**	**Part Number**
Cap, Fin	P	SA-63514-06 S
Cap, Rudder Top	Q	SA-63541-00 S
Cap, Vertical Fin, Rotating Beacon	P	60-27 T
		60-28 15 T
		GF63514-00 12 K
		GF65345-03 15 K
		SA-65345-03 S

Continued on next column

PA-28-140 continued		
Description	**Idx**	**Part Number**
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 S
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 K
Fairing, Dorsal Fin, Aft	O	RD-0095-00 14 K
		SA-99619-00 S

Notes:

1 PA-24 S/N 24-1 thru 24-3336 only (except 24-3335), PA-24-250 S/N 24-105 thru 24-2843, PA-24-400 S/N All

2 PA-24 S/N 24-3337 thru 24-3687 only, PA-24-250 S/N 24-2844 thru 24-3687, PA-24-260 S/N All

3 Model PA-24, PA-24-250 only

4 Model PA-24 and PA-24-250 S/N 24-1330 and on

5 Model PA-24 only, not for use on PA-24 aircraft with Cowl P/Ns 21950-07/-14, 22858-02, 22857-12, 24895-02/-17, or if carburetor air filter kit 754 285 is installed

6 Model PA-24 S/N 24-1477 and on, PA-24-250 All, but can only be installed on PA-24-250, S/N 24-103 thru 24-1476 if carburetor air filter kit 754-285 has been installed

7 Model PA-24, PA-24-250, PA-24-260 only (except 24-3335)

8 Model PA-24-250, PA-24-260 only

9 Model PA-24-260 only

10 Model PA-24-400 only

11 S/N 28-20002 thru 28-7125651 and S/N 28-7225001 and on

12 S/N 28-20002 thru 28-7125651 and S/N 28-7225001 thru 28-7325684

13 S/N 28-20002 thru 28-7225612

14 S/N 28-7225001 and on

15 S/N 28-7425001 and on

Continued on next page

Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-28-140 continued

Description	Idx	Part Number
Fairing, Dorsal Fin, Fwd	N	60-19 13 T
		60-24 4 T
		GF63517-00 11 K
		RD-0096-00 14 K
		SA-99621-00 S
Fairing, Fin		SA-63517-00 S
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Main Wheel LH	B	K65203-00 K
Fairing, Main Wheel RH	B	K65203-01 K
Fairing, Nose Wheel	F	K65331-00 K
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	60-31 T
		RD-0098-00 K
Tailcone, Upper	S	60-30 T
		RD-0097-00 K
Tip, Stabilator	V	60-23 T
		SA-63584-10 S
Tip, Stabilizer, LH or RH	V	RD-0094-00 K
Tip, Wing, Hoerner Style (set)	A	11051-1 K
Tip, Wing, LH	A	RD-5010-L 16 K
		SA-62090-00 S
Tip, Wing, RH	A	RD-5010-R 16 K
		SA-62090-01 S
Tip, Wing, LH, 4” Nav Pad Only	A	GF62090-00 K
Tip, Wing, RH, 4” Nav Pad Only	A	GF62090-01 K
Tip, Wing, LH, 6” Nav Pad Std	A	GF78022-00 K
Tip, Wing, RH, 6” Nav Pad Std	A	GF78022-01 K

PA-28-150, PA-28-160

Description	Idx	Part Number
Cap, Fin	P	SA-63514-06 S
Cap, Rudder Top	Q	SA-63541-00 S
Cap, Vertical Fin, Rotating Beacon	P	GF63514-00 K
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 K
Fairing, Dorsal Fin, Fwd	N	60-19 T
		GF63517-00 K
		SA-63517-00 S
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Main Wheel LH	B	K65203-00 K
Fairing, Main Wheel RH	B	K65203-01 K
Fairing, Nose Wheel	F	K65331-00 K
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	RD-0098-00 K
Tailcone, Upper	S	RD-0097-00 K
Tip, Stabilator	V	60-23 T
		SA-63584-10 S
Tip, Stabilizer, LH or RH	V	RD-0094-00 K
Tip, Wing, Hoerner Style (set)	A	11051-1 K
Tip, Wing, LH	A	RD-5010-L 16 K
		SA-62090-00 S
Tip, Wing, RH	A	RD-5010-R 16 K
		SA-62090-01 S
Tip, Wing, LH, 4” Nav Pad Only	A	GF62090-00 K
Tip, Wing, RH, 4” Nav Pad Only	A	GF62090-01 K
Tip, Wing, LH, 6” Nav Pad Std	A	GF78022-00 K
Tip, Wing, RH, 6” Nav Pad Std	A	GF78022-01 K

Continued on next column

PA-28-151, PA-28-161

Description	Idx	Part Number
Cap, Vertical Fin, Rot. Beacon	P	60-28 T
		GF65345-03 K
		SA-65345-03 S
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 S
Cover, Nose Gear Strut, Aft	E	GF35838-10 W/Door 17 K
		GF35838-10 (No Door) 17 K
Cover, Nose Gear Fairing, Aft	E	GF36568-03 18 K
Cover, Nose Gear Fairing, Fwd	E	GF36568-02 18 K
Cover, Nose Gear Strut Fairing Aft	E	GF37893-07 19 K
		GF37928-04 20 K
Cover, Nose Gear Strut Fairing, Fwd	E	GF37893-06 19 K
		GF37928-03 20 K
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 17 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 17 K
Cowl Assy, Nose Upper	J	K35699-02 20 K
Cowl Assy, Nose Lower	K	K35699-03 20 K
Fairing, Dorsal Fin, Aft	O	RD-0095-00 K
		SA-99619-00 S
Fairing, Dorsal Fin, Fwd	N	RD-0096-00 K
		SA-99621-00 S
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Main Wheel LH	B	K65203-00 21 K
Fairing, Main Wheel RH	B	K65203-01 21 K
Fairing, Main Wheel Access Panel, LH	B	GF79890-02 17 K
Fairing, Main Wheel Access Panel, RH	B	GF79890-03 17 K
Fairing, Main Wheel Shell, LH	B	GF79890-00 17 K
Fairing, Main Wheel Shell, RH	B	GF79890-01 17 K

Notes:

1 PA-24 S/N 24-1 thru 24-3336 only (except 24-3335), PA-24-250 S/N 24-105 thru 24-2843, PA-24-400 S/N All
2 PA-24 S/N 24-3337 thru 24-3687 only, PA-24-250 S/N 24-2844 thru 24-3687, PA-24-260 S/N All
3 PA-24, PA-24-250 only
4 PA-24 and PA-24-250 S/N 24-1330 and on
5 PA-24 only, not for use on PA-24 aircraft with Cowl P/Ns 21950-07/-14, 22858-02, 22857-12, 24895-02/-17, or if carburetor air filter kit 754 285 is installed
6 PA-24 S/N 24-1477 and on, PA-24-250 All, but can only be installed on PA-24-250, S/N 24-103 thru 24-1476 if carburetor air filter kit 754-285 has been installed
7 PA-24, PA-24-250, PA-24-260 only (except 24-3335)
8 PA-24-250, PA-24-260 only
9 PA-24-260 only
10 PA-24-400 only
11 S/N 28-20002 thru 28-7125651 and S/N 28-7225001 and on
12 S/N 28-20002 thru 28-7125651 and S/N 28-7225001 thru 28-7325684
13 S/N 28-20002 thru 28-7225612
14 S/N 28-7225001 and on
15 S/N 28-7425001 and on
16 Kit P/N RMD-005010-PA contains both LH and RH
17 PA-28-161 only
18 PA-28-151 and PA-28-161 S/N 28-7816001 thru 28-8616057 only
19 PA-28-151 S/N 28-7415001 thru 28-7415713, 28-7515459, 28-7615445, 28-7715314, PA-28-161 S/N 28-7716001 thru 28-7716323, 28-7816695, 28-7916617, 28-8416131, 28-8516099, 28-8616057 only
20 PA-28-161 S/N 28-7816001 thru 28-8616057
21 PA-28-151 and PA-28-161 S/N 28-7716001 thru 28-7715323 only

Continued on next page

Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-24 and PA-28 Series continued from previous page

PA-28-151, PA-28-161 continued

Description	Idx	Part Number
Fairing, Main Wheel, Fwd Up LH	B	GF79892-04 17 K
Fairing, Main Wheel, Fwd Up RH	B	GF79892-05 17 K
Fairing, Main Wheel, Aft Up RH	B	GF79892-09 17 K
Fairing, Main Wheel, Aft Up LH	B	GF79892-10 17 K
Fairing, Nose Wheel	F	K35512-00 22 K
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	RD-0098-00 K
Tailcone, Upper	S	RD-0097-00 K
Tip, Stabilizer, LH or RH	V	60-23 T
		RD-0094-00 K
		SA-63584-10 S
Tip, Wing, LH	A	60-33L-4-80A T
		60-33L-6-80A T
		GF35115-00 K
		RD-6010-L 23 K
Tip, Wing, RH	A	60-33R-4-80A T
		60-33R-6-80A T
		GF35115-01 K
		RD-6010-R 23 K
Tip, Wing, LH, 4” Nav Pad Std	A	SA-35115-00 S
Tip, Wing, LH, 6” Nav Pad Std	A	SA-35115-10 S
Tip, Wing, RH, 4” Nav Pad Std	A	SA-35115-01 S
Tip, Wing, RH, 6” Nav Pad Std	A	SA-35115-11 S

PA-28-180

Description	Idx	Part Number
Cap, Fin	P	SA-63514-06 S
Cap, Rudder Top	Q	SA-63541-00 S
Cap, Vertical Fin, Rotating Beacon	P	60-27 T
		60-28 29 T
		GF63514-00 24 K
		GF65345-03 29 K
		SA-65345-03 S
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 S
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 K
Fairing, Fin		SA-63517-00 S
Fairing, Dorsal Fin, Aft	O	RD-0095-00 27 K
		SA-99619-00 S
Fairing, Dorsal Fin, Fwd	N	60-19 24 T
		60-24 26 T
		RD-0096-00 27 K
		SA-99621-00 S
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Main Wheel LH	B	K65203-00 K
Fairing, Main Wheel RH	B	K65203-01 K
Fairing, Nose Wheel	F	K65331-00 K
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	60-31 T
		RD-0098-00 K
Tailcone, Upper	S	60-30 T
		RD-0097-00 K
Tip, Stabilator LH or RH	V	60-23 T
		RD-0094-00 K
		SA-63584-10 S
Tip, Wing, Hoerner Style (set)	A	11051-1 K
Tip, Wing, LH	A	RD-5010-L 30 K
		SA-62090-00 S
Tip, Wing, LH, 4” Nav Pad Only	A	GF62090-00 25 K

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PA-28-180 continued

Description	Idx	Part Number
Tip, Wing, LH, 4” Nav Pad Std	A	GF78022-00 28 K
Tip, Wing, LH, 6” Nav Pad Std	A	GF78022-02 28 K
Tip, Wing, RH	A	RD-5010-R 30 K
Tip, Wing, RH, 4” Nav Pad Only	A	GF62090-01 25 K
		SA-62090-01 S
Tip, Wing, RH, 4” Nav Pad Std	A	GF78022-01 28 K
Tip, Wing, RH, 6” Nav Pad Std	A	GF78022-03 28 K

PA-28R-180

Description	Idx	Part Number
Cap, Vertical Fin, Rotating Beacon	P	60-27 T
		60-28 T
		GF65345-03 K
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 K
Door, Nose Gear, LH	D	GF67352-00 K
Door, Nose Gear, RH	D	GF67352-01 K
Fairing, Dorsal Fin, Fwd	N	60-19 31 T
		GF63517-00 32 K
		SA-63517-00 S
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	60-31 T
		RD-0098-00 K
Tailcone, Upper	T	60-30 T
		RD-0097-00 K
Tip, Stabilator, Ext. LH or RH	V	K2U65300-00 32 K
Tip, Wing, Hoerner Style (set)	A	11051-1 K
Tip, Wing, LH	A	RD-5010-L 33 K
Tip, Wing, LH, 4” Nav Pad Only	A	GF62090-00 K
		SA-62090-00 S
Tip, Wing, LH, 4” Nav Pad Std	A	GF78022-00 K
		SA-78022-00 S
Tip, Wing, LH, 6” Nav Pad Std	A	GF78022-02 K
Tip, Wing, RH	A	RD-5010-R 33 K
Tip, Wing, RH, 4” Nav Pad Only	A	GF62090-01 K
		SA-62090-01 S
Tip, Wing, RH, 4” Nav Pad Std	A	GF78022-01 K
		SA-78022-01 S
Tip, Wing, RH, 6” Nav Pad Std	A	GF78022-03 K

Notes:

17 PA-28-161 only
18 PA-28-151 and PA-28-161 S/N 28-7816001 thru 28-8616057 only
19 PA-28-151 S/N 28-7415001 thru 28-7415713, 28-7515459, 28-7615445, 28-7715314, PA-28-161 S/N 28-7716001 thru 28-7716323, 28-7816695, 28-7916617, 28-8416131, 28-8516099, 28-8616057 only
20 PA-28-161 S/N 28-7816001 thru 28-8616057
21 PA-28-151 and PA-28-161 S/N 28-7716001 thru 28-7715323 only
22 PA-28-151 and PA-28-161 S/N 28-7716001 thru 28-7716323 only
23 Kit P/N RMD-006010-PA contains both LH and RH
24 S/N 28-671 thru 28-7105244
25 S/N 28-671 thru 28-7205328
26 S/N 28-3978 thru 28-7505260
27 S/N 28-7205001 thru 28-7505260
28 S/N 28-7335001 thru 28-7505260
29 S/N 28-7405001 and on
30 Kit P/N RMD-005010-PA contains both LH and RH
31 S/N 28R-30005 thru 28R-7120019
32 S/N 28R-30005 and on
33 Kit P/N RMD-005010-PA contains both LH and RH

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Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-24 and PA-28 Series continued from previous page

PA-28-181

Description	Idx	Part Number
Cap, Fin	P	SA-63514-06 S
Cap, Vertical Fin, Rotating Beacon	P	60-28 T
		GF65345-03 37 K
		SA-65345-03 S
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 S
Cover, Nose Gear Fairing, Aft	E	GF36559-803 K
		GF37925-06 K
		GF37926-04 K
Cover, Nose Gear Fairing,Fwd	E	K36559-806 39 K
		GF37925-07 K
		GF37926-03 K
Cover, Wing Bolt, LH	G	60-63942-00-80A T
		GF63942-00 K
Cover, Wing Bolt, RH	G	60-63942-01-80A T
		GF63942-01 K
Fairing, Dorsal Fin, Aft	O	RD-0095-00 K
		SA-99619-00
Fairing, Dorsal Fin, Fwd	N	60-24 T
		RD-0096-00 K
		SA-99621-00
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Main Wheel LH	B	K65203-00 36 K
Fairing, Main Wheel RH	B	K65203-01 36 K
Fairing, Main Wheel Access Panel, LH	B	GF79890-02 40 K
Fairing, Main Wheel Access Panel, RH	B	GF79890-03 40 K
Fairing, Main Wheel Shell, LH	B	GF79890-00 40 K
Fairing, Main Wheel Shell, RH	B	GF79890-01 40 K
Fairing, Main Whl, Up, Fwd, LH	B	GF79892-04 40 K
Fairing, Main Whl, Up, Fwd, RH	B	GF79892-05 40 K
Fairing, Main Whl, Up, Aft, RH	B	GF79892-09 40 K
Fairing, Main Whl, Up, Aft, LH	B	GF79892-10 40 K
Fairing, Nose Whl 6.00 X 6 w/o Door	F	GF35944-014 41 K
Fairing, Nose Whl 6.00 X 6 w/Door	F	GF35944-15 38 K
Moulding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 K
Tailcone, Lower	T	60-31 T
		RD-0098-00 K
Tailcone, Upper	T	60-30 34 T
		RD-0097-00 K
Tip, Stabilator LH or RH	V	60-23 T
		RD-0094-00 K
		SA-63584-10 S
Tip, Wing, Left	A	60-33L-4-80A T
		60-33L-6-80A T
		GF35115-00 K
		RD-6010-L 42 K
Tip, Wing, LH, 4” Nav Pad	A	GF62090-00 35 K
Tip, Wing, LH, 4” Nav Pad Std	A	GF78022-00 35 K
		SA-35115-00 S
Tip, Wing, LH, 6” Nav Pad Std	A	GF78022-02 35 K
		SA-35115-10 S
Tip, Wing, RH	A	60-33R-4-80A T
		60-33R-6-80A T
		GF35115-01 K
		RD-6010-R 42 K
Tip, Wing, RH, 4” Nav Pad	A	GF62090-01 35 K
Tip, Wing, RH, 4” Nav Pad Std	A	GF78022-01 35 K
		SA-35115-01 S
Tip, Wing, RH, 6” Nav Pad Std	A	GF78022-03 35 K
		SA-35115-11 S

Continued on next column

PA-28R-200, PA-28-201T, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T

Description	Idx	Part Number
Cap, Fin	P	SA-38222-00 60 S
Cap, Vertical Fin, Rotating Beacon	P	60-27 43 T
		60-28 44 T
		GF65345-03 44 K
		SA-65345-03 44 S
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 44 S
Cover, Nose Gear Fairing, Aft	E	GF35832-07 53 K
Cover, Wing Bolt, LH	G	60-63942-00-80A 45 T
		GF63942-00 45 K
Cover, Wing Bolt, RH	G	60-63942-01-80A 45 T
		GF63942-01 45 K
Door, Nose Gear, LH	D	GF67352-00 46 K
Door, Nose Gear, RH	D	GF67352-01 46 K
Fairing, Dorsal Fin, Aft	O	RD-0095-00 52 K
		K78913-07 54 K
		SA-99619-00 44 S
Fairing, Dorsal Fin, Fwd	N	60-19 47 T
		60-24 51 T
		RD-0096-00 52 K
		GF78913-00 54 K
		GF63517-00 47 K
		K65773-00 K
		SA-63517-00 43 S
		SA-99621-00 44 S
Fairing, Main Gear, LH or RH	C	K63338-00 53 K
Fairing, Main Wheel Access Panel, LH	B	GF79890-02 53 K
Fairing, Main Wheel Access Panel, RH	B	GF79890-03 53 K
Fairing, Main Wheel Shell, LH	B	GF79890-00 53 K
Fairing, Main Wheel Shell, RH	B	GF79890-01 53 K
Fairing, Main Wheel, Up, Fwd LH	B	GF79892-04 53 K
Fairing, Main Wheel, Up Fwd RH	B	GF79892-05 53 K
Fairing, Main Wheel, Up, Aft LH	B	GF79892-10 53 K

Notes:

34 S/N 2843001 thru 2890231 only
35 S/N 28-7690001 thru 28-7790000
36 S/N 28-7690001 thru 28-7790607
37 S/N 28-7690001 thru 28-8690062
38 S/N 28-7790001and on
39 S/N 28-7890001 and on
40 S/N 28-7890001 thru 28-7921095 only
41 S/N 28-7890001 thru 28-8690062 only
42 Kit P/N RMD-006010-PA contains both LH and RH
43 PA-28R-200 only
44 PA-28R-200, PA-28R-201, PA-28R-201T only
45 PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, and PA-28RT-201T only
46 PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201 only
47 PA-28R-200 S/N 28R-35001 thru 28R-7135238
48 PA-28R-200 S/N 28R-35001 thru 28R-7235000
49 PA-28R-200 S/N 28R-35001 thru 28R-7135238 and PA-28-201T, PA-28R-201T
50 PA-28R-200 S/N 28R-7135239 thru 28R-7635545 and PA-28-201T, PA-28R-201, PA-28R-201T
51 PA-28R-200 S/N 28R-7235001 thru 28R-7635545 and PA-28R-201, PA-28R-201T
52 PA-28R-200 S/N 28R-7235001 thru 28R-7635545 and PA-28-201T, PA-28R-201, PA-28R-201T
53 PA-28-201T only
54 PA-28RT-201 and PA-28RT-201T only
56 PA-28R-201 and PA-28R-201T, PA-28RT-201, PA-28RT-201T only
57 PA-28-201T, PA-28R-201 and PA-28R-201T, PA-28RT-201, PA-28RT-201T only
58 Kit P/N RMD-005010-PA contains both LH and RH
59 Kit P/N RMD-006010-PA contains both LH and RH
60 PA-28R-201 and PA-28R-201T

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Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-24 and PA-28 Series continued from previous page

PA-28R-200, PA-28-201T, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T continued

Description	Idx	Part Number
Fairing, Main Wheel, Up, Aft RH	B	GF79892-09 53 K
Fairing, Nose Gear Strut, Fwd	F	GF35832-06 53 K
Fairing, Rudder, Lower, No Position Light	R	GF35885-10 50 K
Fairing, Rudder, Lower, w/ Light Receptacle	R	GF35885-03 50 K
Tailcone, Assembly	ST	RD-0099-00 44 K
Tailcone, Lower	T	60-31 43 T
		RD-0098-00 44 K
Tailcone, Upper	S	60-30 43 T
		RD-0097-00 44 K
Tip, Stabilator LH or RH	V	60-23 52 T
		RD-0094-00 50 K
		SA-63584-10 44 S
Tip, Stabilator LH or RH, Ext.	V	K2U65300-00 49 K
Tip, Wing, LH	A	60-33L-4-80A 56 T
		60-33L-6-80A 56 T
		GF35115-00 57 K
		RD-5010-L 43 58 K
		RD-6010-L 56 59 K
		SA-62090-00 43 S
		SA-78022-00 43 S
Tip, Wing, RH	A	60-33R-4-80A 56 T
		60-33R-6-80A 56 T
		GF35115-01 57 K
		RD-5010-R 43 58 K
		RD-6010-R 56 59 K
		SA-62090-01 43 S
		SA-78022-01 43 S
Tip, Wing, Hoerner Style (set)	A	11051-1 43 K
Tip, Wing, LH, 4” Nav Pad Only	A	GF62090-00 48 K
		SA-35115-00 54 S
		SA-36739-52 60 S
Tip, Wing, RH, 4” Nav Pad Only	A	GF62090-01 48 K
		SA-35115-01 54 S
		SA-36739-54 60 S
Tip, Wing, LH, 6” Nav Pad Only	A	SA-35115-10 54 S
		SA-36739-53 60 S
Tip, Wing, RH, 6” Nav Pad Only	A	SA-35115-11 54 S
		SA-36739-55 60 S

PA-28-235, PA-28-236

Description	Idx	Part Number
Cap, Vertical Fin, Rotating Beacon	P	60-27 65 T
		60-28 65 T
		GF65345-03 K
		SA-65345-03 S
Cap, Vertical Fin, Strobe Beacon	P	SA-99035-03 S
Cover, Nose Gear Fairing, Aft	E	GF35946-02 70 K
		GF37926-04 70 K
Cover, Nose Gear Fairing, Fwd	E	GF37926-03 70 K
Cover, Wing Bolt, LH	G	60-63942-01-80A 65 T
		GF63942-00 66 K
Cover, Wing Bolt, RH	G	60-63942-01-80A 65 T
		GF63942-01 66 K
Fairing, Dorsal Fin, Aft	O	RD-0095-00 67 K
		SA-99619-00 S
Fairing, Dorsal Fin, Fwd	N	60-24 67 T
		RD-0096-00 67 K
		SA-99621-00 S
Fairing, Main Wheel LH	B	K65203-00 61 K
Fairing, Main Wheel RH	B	K65203-01 61 K
Fairing, Main Wheel Access Panel, LH	B	GF79890-02 70 K
Fairing, Main Wheel Access Panel, RH	B	GF79890-03 70 K
Fairing, Main Wheel Shell, LH	B	GF79890-00 70 K

Continued on next column

K Knots 2U/Fiberglass, S Stene Aviation,
T Texas Aeroplastics/ABS Plastic Parts

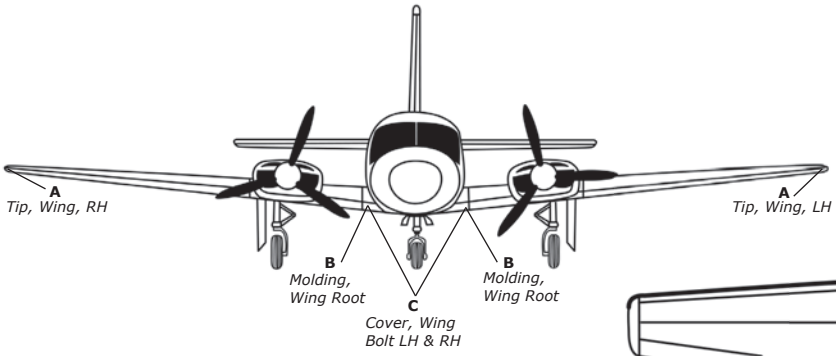
PA-28-235, PA-28-236 continued

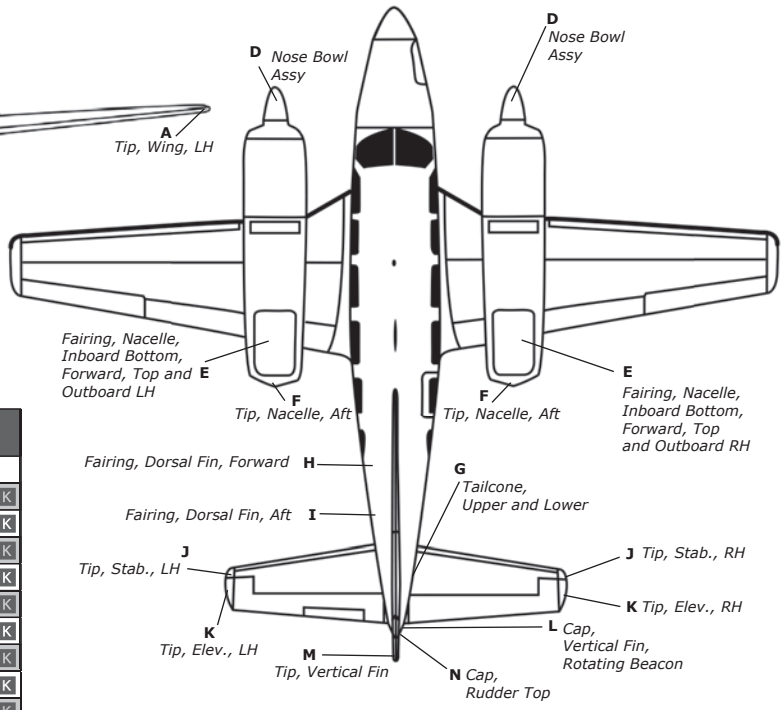
Description	Idx	Part Number
Fairing, Main Wheel Shell, RH	B	GF79890-01 70 K
Fairing, Main Wheel, Up, Fwd LH	B	GF79892-04 70 K
Fairing, Main Wheel, Up, Fwd RH	B	GF79892-05 70 K
Fairing, Main Wheel, Up, Aft RH	B	GF79892-09 70 K
Fairing, Main Wheel, Up, Aft LH	B	GF79892-10 70 K
Fairing, Main Gear, LH or RH	C	K63338-00 K
Fairing, Nose Wheel 6.00 X 6 w/o Door	F	GF35944-014 70 K
Fairing, Nose Wheel	F	K65331-00 62 K
Fairing, Nose Gear Strut, Fwd	F	GF35931-06 72 K
Fairing, Nose Gear Strut, Aft	F	GF35931-07 72 K
Floor Trim	M	60-18 63 K
Molding, Wing Root	L	K65773-00 K
Tailcone, Assembly	ST	RD-0099-00 66 K
Tailcone, Lower	T	60-31 66 T
		RD-0098-00 66 K
Tailcone, Upper	S	60-30 66 T
		RD-0097-00 66 K
Tip, Stabilator LH or RH	V	60-23 69 T
		RD-0094-00 68 K
		SA-63584-10 S
Tip, Stabilator LH or RH, Ext.	V	K2U65300-00 64 K
Tip, Wing, LH	A	60-33L-4-80A 70 T
		60-33L-6-80A 70 T
		GF35115-00 71 K
		RD-5010-L 61 58 K
		RD-6010-L 70 59 K
Tip, Wing, RH	A	60-33R-4-80A 70 T
		60-33R-6-80A 70 T
		GF35115-01 71 K
		RD-5010-R 61 58 K
		RD-6010-R 70 59 K
Tip, Wing, LH, 4” Nav Pad Only	A	SA-35115-00 70 S
Tip, Wing, RH, 4” Nav Pad Only	A	SA-35115-01 70 S
Tip, Wing, LH, 6” Nav Pad Only	A	SA-35115-10 70 S
Tip, Wing, RH, 6” Nav Pad Only	A	SA-35115-11 70 S

Notes:

43 PA-28R-200 only
44 PA-28R-200, PA-28R-201, PA-28R-201T only
45 PA-28R-200, PA-28R-201,201T, PA-28RT-201 and PA-28RT-201T only
46 PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201 only
47 PA-28R-200 S/N 28R-35001 thru 28R-7135238
48 PA-28R-200 S/N 28R-35001 thru 28R-7235000
49 PA-28R-200 S/N 28R-35001 thru 28R-7135238 and PA-28-201T, PA-28R-201T
50 PA-28R-200 S/N 28R-7135239 thru 28R-7635545 and PA-28-201T, PA-28R-201, PA-28R-201T
51 PA-28R-200 S/N 28R-7235001 thru 28R-7635545 and PA-28R-201, PA-28R-201T
52 PA-28R-200 S/N 28R-7235001 thru 28R-7635545 and PA-28-201T, PA-28R-201, PA-28R-201T
53 PA-28-201T only
54 PA-28RT-201 and PA-28RT-201T only
56 PA-28R-201 and PA-28R-201T, PA-28RT-201, PA-28RT-201T only
57 PA-28-201T, PA-28R-201,201T, PA-28RT-201, PA-28RT-201T only
58 Kit P/N RMD-005010-PA contains both LH and RH
59 Kit P/N RMD-006010-PA contains both LH and RH
60 PA-28R-201 and PA-28R-201T
61 PA-28-235 only
62 PA-28-235 S/N 28-10001 thru 28-7310187
63 PA-28-235 S/N 28-10003 thru 28-10719
64 PA-28-235 S/N 28-10003 thru 28-7210033
65 Model PA-28-235 S/N 28-10003 thru 28-7710089
66 PA-28-235 S/N 28-10003 thru 28-7710089 and PA-28-236
67 PA-28-235 S/N 28-7210001 thru 28-7710089 and PA-28-236
68 PA-28-235 S/N 28-7210034 thru 28-7710089 and PA-28-236
69 PA-28-235 S/N 28-7310001 thru 28-7710089 and PA-28-236
70 PA-28-236 only
71 PA-28-236 S/N 28-7911001 thru 28-8611008
72 PA-28-236 S/N 28-8111081 thru 28-8611008

PA-31, PA-34, PA-44, and PA-60 Series





PA-31, PA-31-300, PA-31-325, PA-31-350, PA-31P, PA31P-350, PA-31T, PA-31T1, PA-31T2, PA-31T3			
Description	**Idx**	**Part Number**	
Fairing, Nacelle, Inbrd Btm, LH	E	GF42455-04	K
Fairing, Nacelle, Inbrd Btm, RH	E	GF42455-05	K
Fairing, Nacelle, Inbrd Fwd, LH	E	GF42455-02	K
Fairing, Nacelle, Inbrd Fwd, RH	E	GF42455-03	K
Fairing, Nacelle, Inbrd Top, LH	E	GF42455-00	K
Fairing, Nacelle, Inbrd Top, RH	E	GF42455-01	K
Fairing, Nacelle, Outboard, LH	E	GF42426-00	K
Fairing, Nacelle, Outboard, RH	E	GF42426-01	K
Tip, Elevator, Leading Edge	K	GF43786-00	1 K
Tip, Elevator, LH	K	GF43741-00	1 K
Tip, Elevator, RH	K	GF43741-01	1 K
Tip, Stabilizer, LH or RH	J	GF40364-02	1 K
Tip, Vertical Fin	M	GF44943-00	2 K
Tip, Wing, LH, with Reco Light	A	GF55802-12	3 K
Tip, Wing, RH, with Reco Light	A	GF55802-13	3 K

PA-34-200, PA-34-200T, PA-34-220T			
Description	**Idx**	**Part Number**	
Cap, Rudder Top	N	GF95907-00	6 K
Cover, Wing Bolt, LH	C	60-63942-00-80A	T
		GF63942-00	K
Cover, Wing Bolt, RH	C	60-63942-01-80A	T
		GF63942-01	K
Fairing, Tailcone, Lower	G	GF96338-08	K
Fairing, Tailcone, Upper	G	GF96338-04	K
Moulding, Wing Root	B	K65773-00	K
Nose Bowl Assembly	D	GF67998	7 K
Tip, Horizontal Stab., LH or RH	J	GF95620-07	K
Tip, Wing, LH	A	RD-5010-L	9 K
Tip, Wing, RH	A	RD-5010-R	9 K
Tip, Wing, LH, 4" Nav Pad Only	A	GF62090-00	8 K
Tip, Wing, RH, 4" Nav Pad Only	A	GF62090-01	8 K
Tip, Wing, LH, 4" Nav Pad Std	A	GF78022-00	K
Tip, Wing, RH, 4" Nav Pad Std	A	GF78022-01	K
Tip, Wing, LH, 6" Nav Pad Std	A	GF78022-02	K
Tip, Wing, RH, 6" Nav Pad Std	A	GF78022-03	K

PA-44-180, PA-44-180T			
Description	**Idx**	**Part Number**	
Cover, Wing Bolt, LH	C	60-63942-00-80A	10 T
		GF63942-00	K
Cover, Wing Bolt, RH	C	60-63942-01-80A	10 T
		GF63942-01	K
Fairing, Dorsal Fin, Aft	I	K78913-07	K
Fairing, Dorsal Fin, Fwd	H	GF78913-00	K

Continued on next column

PA-44-180, PA-44-180T continued			
Description	**Idx**	**Part Number**	
Fairing, Tailcone, w/o receptacle	G	K36721-003	K
Fairing, Tailcone, w/ receptacle	G	K86597-02	11 K
Moulding, Wing Root	B	K65773-00	K
Tip, Nacelle, Aft	F	GF86298-02	K
Tip, Stabilizer, LH or RH	J	RD-0094-00	K

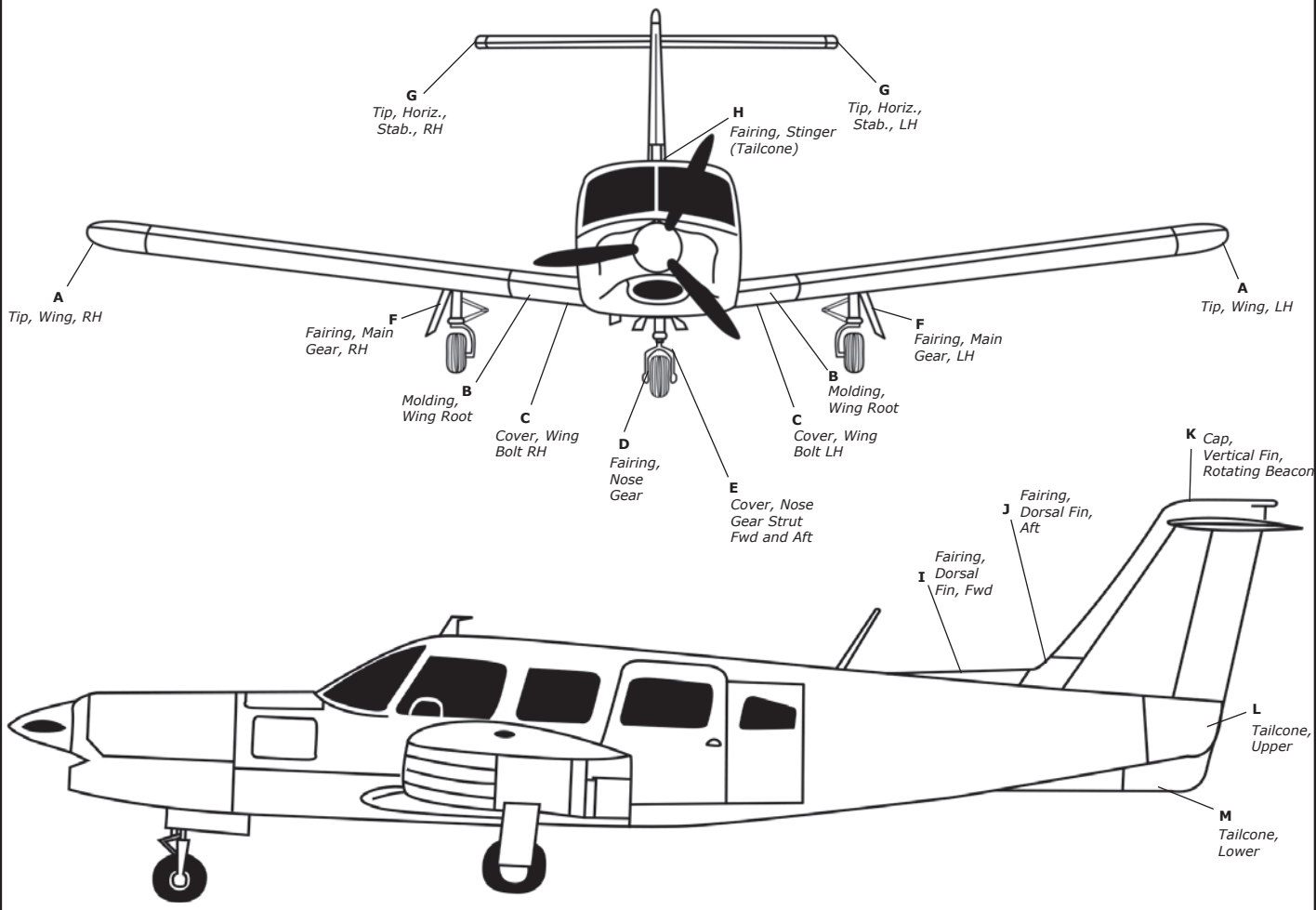
PA-60-600, PA-60-601, PA-60-601P, PA-60-602P, PA60-700P			
Description	**Idx**	**Part Number**	
Tip, Horizontal, LH or RH	K	GF220021-903	K
Tip, Vertical, w/o Beacon	M	GF220021-505	12 K
Tip, Vertical, with Beacon	M	GF220021-913	12 K
Tip Long, Wing Short, LH	A	GF200038-901	14 K
Tip Long, Wing Short, RH	A	GF200038-902	14 K
Tip Short, Wing Long, LH	A	GF200102-901	13 K
Tip Short, Wing Long, RH	A	GF200102-902	13 K

Notes:

1 PA-31, PA-31-300, PA-31-325 and PA-31-350 S/N 31-5 and on
2 PA-31-350 S/N 31-7305053 and on,
PA-31P-350 S/N 31P-8414001 and on
3 PA-31-350 S/N 31-7852001 and on
4 PA-31-300, PA-31-325, PA-31-350
5 PA-31, PA-31-300, PA-31-325 S/N 31-5 thru 31-7300961,
PA-31-350 S/N 31-5001 thru 73605052,
PA-31P S/N 31P-3 thru 31P-7300146
6 PA-34-200, PA-34-200T
7 PA-34-200, PA-34-200T and PA-34-220T, S/N 3448038 and on
8 PA-34-200 S/N 34-7250001 thru 32-7250370, PA-34-200T,
PA-34-220T
9 Sold in pairs only, Kit P/N RMD-005010-PA
10 Model PA-44-180
11 Model PA-44-180T
12 PA-60-600, PA-60-601, PA-60-601P, PA-60-602P
13 PA-60-601, PA-60-601P, PA-60-602P, PA-60-700P
14 PA-60-601 S/N 0341 and on, PA-60-601P, S/N 0213 and on

Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-32 Series



PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32-301FT, PA-32-301XTC, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300		
Description	**Idx**	**Part Number**
Cap, Fin	K	SA-38222-00 26 S
Cap, Vertical Fin, Rotating Beacon	K	GF65345-03 16 K
		SA-65345-03 S
Cap, Vertical Fin, Strobe Beacon	K	SA-99035-03 S
Cover, Nose Gear Strut, Aft	E	GF35838-10 18 K
		GF36559-803 4 23 K
		GF37891-807 11 K
		GF37926-04 1 K
		GF38700-02 19 K
Cover, Nose Gear Strut, Fwd	E	GF36559-804 4 K
		GF37891-806 11 K
		GF37926-03 1 K
		GF38682-02 14 24 K
		GF38700-04 19 K
Cover, Wing Bolt, LH	C	60-63942-00-80A 7 T
		GF63942-00 25 K
Cover, Wing Bolt, RH	C	60-63942-01-80A 7 T
		GF63942-01 25 K
Fairing, Main Gear, LH or RH	F	K63338-00 1 K
Fairing, Main Gear LH	F	K65203-00 6 K
Fairing, Main Gear RH	F	K65203-01 6 K
Continued on next column		

PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32-301FT, PA-32-301XTC, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300 continued		
Description	**Idx**	**Part Number**
Fairing, Main Gear Access Panel, LH	F	GF79890-02 12 K
Fairing, Main Gear Access Panel, RH	F	GF79890-03 12 K
Fairing, Main Gear Shell, LH	F	GF79890-00 12 K
Fairing, Main Gear Shell, RH	F	GF79890-01 12 K
Fairing, Main Gear, Up., Fwd, LH	F	GF79892-04 12 K
Fairing, Main Gear, Up., Fwd, RH	F	GF79892-05 12 K
Fairing, Main Gear, Up., Aft, RH	F	GF79892-09 12 K
Fairing, Main Gear, Up., Aft. LH	F	GF79892-10 12 K
Fairing, Nose Gear	D	K65331-00 6 K
Fairing, Nose Gear, 6.00 X 6 w/o Door	D	GF35944-014 21 K
Fairing, Nose Gear, 6.00 X 6 w/Door	D	GF35944-14 10 K
Fairing, Fin		SA-63517-00 1 S
Fairing, Dorsal Fin, Aft	J	K78913-07 22 K
		RD-0095-00 13 K
		SA-99619-00 S
Fairing, Dorsal Fin, Fwd	I	60-19 8 T
		60-24 9 T
		GF63517-00 15 K
		GF78913-00 22 K
		RD-0096-00 13 K
		SA-99621-00 S
Continued on next page (see notes on next page)		

Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

PA-32 Series continued from previous page

PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32-301FT, PA-32-301XTC, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300 continued			
Description	**Idx**	**Part Number**	
Fairing, Stinger (Tailcone)	H	K78912-11	22 K
Fairing, Tailcone, Upper	L	60-30	5 T
		RD-0097-00	3 K
Fairing, Tailcone, Lower	M	60-31	5 T
		RD-0098-00	3 K
Moulding, Wing Root	B	K65773-00	K
Tip, Horizontal Stab., LH or RH	G	60-23	2 T
		RD-0094-00	17 K
		SA-63584-10	S
Tip, Wing, LH	A	GF35115-10	20 K
Tip, Wing, RH	A	GF35115-11	20 K
TIP, Wing, LH, 4" Nav-Pad	A	SA-35115-00	27 S
TIP, Wing, RH, 4" Nav-Pad	A	SA-35115-01	27 S
TIP, Wing, LH, 6" Nav-Pad	A	SA-35115-10	27 S
TIP, Wing, RH, 6" Nav-Pad	A	SA-35115-11	27 S

Notes:

1 PA-32-260 and PA-32-300

2 PA-32-260, PA-32-300 and PA-32R-300

3 PA-32-260, PA-32-300, PA-32R-300, PA-32R-300T

4 PA-32-260, PA-32-300, PA-32-301 and PA-32-301T

5 PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32R-301, PA-32R-301T

6 PA-32-260 and PA-32-300 S/N 32-40000 thru 32-7740112

7 PA-32-260, PA-32-300, PA-32-R300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T

8 PA-32-260 S/N 32-1 thru 32-7140086, PA-32-300 S/N 32-40000 thru 32-7140086

9 PA-32-260 S/N 32-7200001 thru 32-7800008, PA-32-300 S/N 32-7240001 and on, PA-32R-300, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-300T

Continued on next column

Notes continued from previous column:

10 PA-32-260 S/N 32-7800001 and on, PA-32-300 S/N 32-7740113 and on

11 PA-32-260 S/N 32-7800001 thru 32-7800008, PA-32-300 S/N 32-7840001 thru 32-7940290 and PA-32-301

12 PA-32-260 S/N 32-7800001 and on, PA-32-300 S/N 32-7840001 and on, PA-32-301, PA-32-301T

13 PA-32-260 S/N 32-7200061 and on, PA-32-300 S/N 32-7240001 and on, PA-32R-300, PA-32R-300T, PA-32-301FT, PA-32-301XTC, PA-32R-301, PA-32R-301T, PA-32-301, PA-32-301T

14 PA-32-300, PA-32-301T

15 PA-32-300 S/N 32-40000 thru 32-7140086

16 PA-32-300, PA-32R-300, PA-32-301 S/N 32-8006002 thru 32-8106110, PA-32-301T S/N 32-8024001 thru 32-8124046, PA-32R-301 S/N 32R-8013001 thru 32R-8113133 and PA-32R-301T S/N 32R-8029001 thru 32R-8129124

17 PA-32-260, PA-32-300, PA-32-300S, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32-301FT, PA-32-301XTC, PA-32R-301, PA-32R-301T PA-32-301, PA32-301T

18 PA-32-301 and PA-32-301T

19 PA-32-301 S/N 32-8006002 thru 32-8006116, 32-8106110, 32-8206050, 32-8306032, 32-8406020, PA-32-301T S/N 32-8024001 thru 32-8024062, S/Ns 32-8124046, 32-8224024, 32-8324016, 32-8424002 32-8524001 and on

20 PA-32R-301 S/N 32R-8113071 thru 32R-8613005, 3213001 thru 3213041, 3213098 excluding 3213029, PA-32R-301T S/N 32R-8129073 and up, PA-32-301FT, PA-32-301XTC, PA-32-301, PA-32-301T, PA-32R-301 S/N 3213029, 3213042 thru 3246999, 32R-8013001 thru 32R-8113070, PA-32R-301T S/N 32R-8029001 thru 32R-8129072,

21 PA-32-260 S/N 32-7800001 and on, PA-32-300 S/N 32-7840001 and on, PA-32-301, PA-32-301T, PA-32-301FT and PA-32-301XTC

22 PA-32RT-300 and PA-32RT-300T

23 W/o Door 6.00 X 6 Tire, 1978 and up

24 With 5.00 X 5 Tire

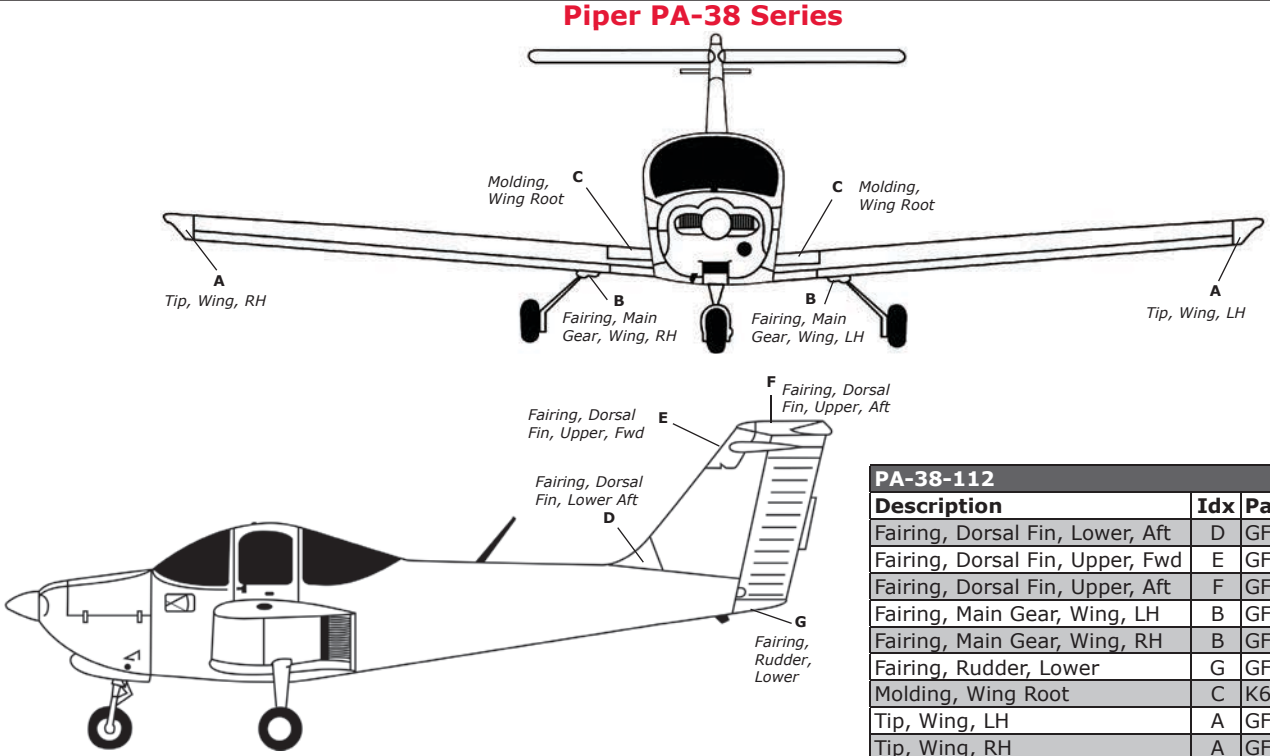
25 All Models except PA-32-301FT, PA-32-301XTC and PA-32S-300

26 PA-32-301, PA-32-301T, PA-32R-300, PA32R-301, PA-32R-301T

27 PA-32-301, PA-32-301T, PA32R-301, PA-32R-301T

Manufacturer/Material: K Knots 2U/Fiberglass, S Stene Aviation, T Texas Aeroplastics/ABS Plastic Parts

Piper PA-38 Series



PA-38-112		
Description	**Idx**	**Part Number**
Fairing, Dorsal Fin, Lower, Aft	D	GF77607-00 K
Fairing, Dorsal Fin, Upper, Fwd	E	GF77606-03 K
Fairing, Dorsal Fin, Upper, Aft	F	GF77606-08 K
Fairing, Main Gear, Wing, LH	B	GF77328-02 K
Fairing, Main Gear, Wing, RH	B	GF77328-03 K
Fairing, Rudder, Lower	G	GF77613-00 K
Molding, Wing Root	C	K65773-00 K
Tip, Wing, LH	A	GF77327-02 K
Tip, Wing, RH	A	GF77327-04 K

Cirrus SR20 thru SR22 Series



Cirrus SR20-SR22 Series Aircraft		
Fairing, Nose Gear Wheel Pant	K15312-001	1 K
	K26873-001	2 K

1 Models SR20 S/N 1005 thru 1430, 1476 thru 1885 and SR22 S/N 0528 thru 2437
2 Models SR20 S/N 1886 and on, SR22 S/N 2438 and on, and SR22T

Manufacturer/Material: K Knots 2U/Fiberglass

Beechcraft 19 thru 95 Series

19A, A23-19, B19, M19A, 23, A23, A23A, B23, C23, A23-24, A24R, B24R, C24R	
Description	**Part Number**
Drain Cover, Fuel Sump	GF169-420028-11 1 K
Fairing, Dorsal	GF169-440013-11 K
Fairing, Lower Cowl	GF169-910013-157 2 K
Seal (Storm Window)	ADS-B137 K
Tail Cone	GF169-4411-S 3 K
Tip, Stabilizer Left	GF169-620001-27 4 K
	GF169-620000-113 5 K
Tip, Stabilizer Right	GF169-620001-28 4 K
	GF169-620000-114 5 K
Tip, Vertical Stabilizer	K169-640000-97 K
Tip, Wing, Left	GF169-1100-00 K
Tip, Wing, Right	GF169-1100-01 K

35-33, 35-A33, 35-B33 , 35-C33, 35-C33A, C33, C33A, E33, E33A, E33C, F33, F33A, F33C, G33	
Description	**Part Number**
Fairing, Dorsal	K33-440011-27 K
	K33-600011-1 6 K
Fairing, Dorsal Fin	K33-600012-3 7 K
Seal (Storm Window)	ADS-B137 K
Tip, Wing, Hoerner Style	11052-1 8 K

35, 35R, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, R35, S35, V35, V35A, V35B	
Description	**Part Number**
Seal (Storm Window)	ADS-B137 K
Tip, Wing, Hoerner Style	11052-1 9 K

36, A36, A36TC, B36TC, G36	
Description	**Part Number**
Seal (Storm Window)	ADS-B137 K
Fairing, Dorsal	K33-440011-27 K

50, B50, C50, D50, D50A, D50B, D50C, D50E, E50, F50, G50, H50, J50	
Description	**Part Number**
Seal (Storm Window)	ADS-B137 K
Tip, Wing, Hoerner Style	11052-1 10 K

95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58TC, 58P, G58, 76, 77, 95, B95, B95A, D95A, E95	
Description	**Part Number**
Fairing, Dorsal Fin	95-440015-17K 11 K
Fairing, Engine Nacelle, Outbrd, LH	GF96110010-17 12 K
Fairing, Engine Nacelle, Outbrd, RH	GF96110010-19 12 K
Fairing, Engine Nacelle, Inboard LH	GF96110010-21 12 K
Fairing, Engine Nacelle, Inboard, RH	GF96110010-23 12 K
Saddle, Dorsal	GF96-4415-00 16 K
Seal (Storm Window)	ADS-B137 13 K
Tip, Wing, Left	GF105-1010-00 14 K
	GF108-1700-00 15 K
Tip, Wing, Right	GF105-1010-01 14 K
	GF108-1700-01 15 K





Notes:
1 Models B19, C23, C24R
2 Models A23-19, B19, 23, A23, A23A, B23, C23, A24
3 19A, A23-19, B19, M19A, 23, A23, A23A, A23-24, A24R, B24R, C24R
4 All Models and S/Ns except Model 23, S/N M-2, M-4 thru M-554
5 Model 23 S/N M-2, M-4 thru M554
6 Model 35-B33
7 Models 35-C33, 35-C33A
8 Model 35-C33 S/N CD-814 thru CD-1026 (Set of two)
9 Models A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35
10 Models B50, C50, D50, D50A, D50B, E50, F50, G50 (Set of two)
11 Models B95, B95A, D95A, E95
12 Model 95-A55 S/N TC-191 thru TC-349, TC-351 thru TC-370, TC-372 thru TC-379, Models 95-B55 and 95-B55A S/N TC-371, TC-502 thru TC-1392, TC-1397 thru TC-2456, and Models 95-B55B, 95-C55,95-C55A (Except S/N TE-50), D55,D55A, E55, E55A, 56TC, A56TC, 58, 58TC, 58P
13 All models except 58P, 76 and 77
14 Model 76
15 Model 77
16 Model 95-B55 S/N TC-371, TC-502 thru TC-1392, TC-1397 thru TC-2456, and Models E55 and 58

Manufacturer/Material: K Knots 2U/Fiberglass

Interior Plastic Trim for Cessna, Piper, Beechcraft, and Mooney Aircraft

Improve the appearance and performance of your aircraft! We offer interior plastic trim for hundreds of aircraft models. Eligibility, figure references, and part numbers can be found on the following pages. Visit our website for the most updated details and images.

Texas Aeroplastics

Texas Aeroplastics replacement parts are made from top grade ABS plastic with an average service life of 15-20 years when properly fitted and professionally painted. ABS plastic parts are repairable and most have been trimmed for easy installation. All interior parts are fire rated, top-grade Royalite with an ivory or off-white haircell finish.

Premier Aerospace Services and Technology, Inc.

Premier Aerospace Services and Technology, Inc. is a state of the art plastic components manufacturer providing high quality FAA-PMA replacement parts manufactured using PVC/Acrylic.

Cessna Interior Plastic Trim





150, 150A,B,C,D,E
S/N 17001 thru 15061532

Description	Fig	Part Number
Cover Assembly	N/A	P0511482-1 2 P
Cover, Window Trim, Rear	132	P0400118-50 4 P
Mirror Front Cover and Backing	N/A	P0500312-2 P
Shield	N/A	P0511482-2 3 P
Shield	162	P0511482-4 4 P
Shield, LH	N/A	P0411974-1 1 P
Shield, RH	N/A	P0411974-2 1 P

150F,G,H,J,K,L,M
S/N 15061533 thru 15079405

Description	Fig	Part Number
Center Console	21	26-23 15 T
Cover Assy.	163	P0511482-9 1 6 P
	153	P0415010-1 1 13 P
Cover Assy., Overhead Console	159	P0470114-1 1 13 P
Cover, Center Strip	155	P0415021-16 1 12 P
Cover, Control	144	P0413463-1 10 P
Cover, Window Trim Rear	132	P0400118-50 1 7 P
	150	P0414030-2 1 12 P
Door, Glove Box	143	P0413458-1 10
	145	P0413525-10 13
Door, Map Case	146	P0413546-14 14
Mirror Front Cover and Backing	N/A	P0500312-2 16 P
Panel, Baggage Cmpt.	12	26-26 11 T
Panel, Baggage Cmpt. Aft	135	P0400129-15 1 5 P
Panel, Baggage Cmpt. LH	134	P0400129-13 1 5 P
Panel, Baggage Cmpt. Lower	N/A	P0400121-15 1 14 P
Panel, Baggage Cmpt. RH	133	P0400129-12 1 5 P
Panel, Baggage Cmpt. Upper	139	P0400129-58 1 8 P
	154	P0415021-13 1 13 P
Panel, Baggage Shelf	136	P0400129-19 1 5 P
Panel, Cowl LH	157	P0415021-5 1 14 P
Panel, Cowl RH	156	P0415021-34 1 13 P

Continued on next column

150F,G,H,J,K,L,M continued
S/N 15061533 thru 15079405

Description	Fig	Part Number
Panel, Door, LH	45	66-150LD 5 T
	46	67-82-150LD 9 T
	148	P0414026-27 1 14 P
Panel, Door, RH	49	66-150RD 5 T
	50	67-82-150RD 9 T
	149	P0414026-28 1 14 P
Panel, Interior Seatback	102	26-19 15 T
Post, Door, Rear, LH	138	P0400129-5 1 5 P
Post, Door, Rear, RH	137	P0400129-4 1 5 P
Shield	162	P0511482-4 1 7 P
Shield, Overhead Console	152	P0414069-1 1 14 P
Shield, RH	142	P0411974-6 1 7 P
Tray, Shoulder Harness	103	20-14 9 T
Trim, Headliner	147	P0414016-2 1 12 P

F150F,G,H,J,K,L,M
S/N F150-0001 thru F15001428

Description	Fig	Part Number
Tray, Shoulder Harness	103	20-14 17 T

Notes:

1 Add -LB for light beige or -LG for light gray
2 S/N 15059701 thru 15061532
3 S/N 15059701 thru 15060087
4 S/N 15060088 thru 15061532
5 S/N 15061533 thru 15064532 only
6 S/N 15061533 thru 15069308
7 S/N 15061533 thru 15071128
8 S/N 15064533 thru 15072003
9 S/N 15064533 and on
10 S/N 15069309 and on
11 S/N 15071129 thru 15075781 only
12 S/N 15071129 and on
13 S/N 15072004 and on
14 S/N 15075782 and on
15 S/N 15077006 and on
16 S/N 15061533 thru 15075781 and A15000001 thru A1500523
17 S/N F15001014 and on

Continued on next page

Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Cessna Interior Plastic Trim continued from previous page

152, A152
S/N 15279406 thru 15286033, A1520735 thru A1521049

Description	Fig	Part Number
Center Console	21	26-23 20 T
Cover	153	P0415010-1 1 18 P
Cover Assy. Overhead Console	151	P0414068-3 1 18 P
Cover, Center Strip	155	P0415021-16 1 18 P
Cover, Post, LH	98	26-13L 19 T
Cover, Post, RH	100	26-13R 19 T

152, A152 continued
S/N 15279406 thru 15286033, A1520735 thru A1521049

Description	Fig	Part Number
Cover, Window Trim, Rear	150	P0414030-2 1 18 P
Door, Map Case	146	P0413546-14 18 P
Headliner Assy	N/A	P04144010-20 1 P
Panel, Baggage Comp., Up	154	P0415021-13 1 18 P
Panel, Cowl, RH	156	P0415021-34 1 18 P
Panel, Interior Seatback	102	26-19 18 T
Pocket, RH	158	P0415034-2 1 18 P
Shield, Overhead Console	152	P0414069-1 1 18 P
Tray, Shoulder Harness	103	20-14 T
Trim, Headliner	147	P0414016-2 1 18 P

170, 170A,B
S/N 18000 thru 27169

Description	Fig	Part Number
Panel, Door, LH	47	27-32-03L T
	48	30-0715064-380A T
Panel, Door, RH	51	27-32-03R T
	52	30-0715064-480A T

172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S
S/N 28000 thru 172S9999

Description	Fig	Part Number
Arm Rest Support	4	28-01 50 T
Arm Rest Support, LH	N/A	P2415003-1 1 31 P
Arm Rest Support, RH	N/A	P2415003-2 1 31 P
Arm Rest Support, Rear, LH	N/A	P2415005-1 1 31 P
Arm Rest Support, Rear, RH	N/A	P2415005-2 1 31 P
Baggage Comp. Upper	18	P0515015-22 1 40 P
Baggage Door Cover	5	P0715079-7 1 25 P
Baggage Door Frame, Aft	6	P0515018-14 1 43 P
Baggage Door Frame Cover Fwd	7	P0500210-95 1 29 P
Baggage Door Hinge Cover	9	P0515036-8 1 53 P
Center Post Cover	24	P0500210-198 1 25 P
Panel, Door, LH	45	66-150LD 21 T
Console, Cent. w/o Rud. Trim	22	28-0500233-80A 51 T
Console, Center w/ Rud. Trim	23	28-0500233RT-80A 51 T
Cover Assembly	63	P0414013-19 1 39 P
	65	P0511326-1 1 49 P
Cover, Console	N/A	P0500233-14 31 P
Cover, Console w/ Rud. Trim	N/A	P0500233-15 31 P
Cover, Emergency Locator Trans	N/A	P0515047-1 1 44 P
Cover, Closeout Door Post, LH	31	P0719032-7 1 52 P
Cover, Closeout Door Post, RH	32	P0719032-8 1 52 P
Cover, Post, LH	99	28-13L 27 T
Cover, Post, RH	101	28-12R 27 T
Cover, Speaker	104	P0511327-3 1 41 P
	105	P0514068-2 1 37 P
Door Assembly, Glove Box	N/A	P0513085-17 48 P
Door Assembly, Map Case	N/A	P0513390-29 33 P
Door Post, LH Aft	33	P0515028-1 1 40 P
Door Post, RH Aft	38	P0515028-2 1 41 P
Door Post, LH Rear	34	P0500210-81 1 24 P
Door Post, RH Rear	39	P0500210-82 1 24 P
Door Post, LH Shield Assembly	N/A	P0413484-18 1 39 P
Door Post, RH Shield Assembly	N/A	P0515026-6 1 39 P

Continued on next column

172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S continued
S/N 28000 thru 172S9999

Description	Fig	Part Number
Door Post, LH	N/A	P0413484-10 1 33 P
	35	P0413484-22 1 40 P
	36	P0515050-9 1 46 P
	37	P0719032-29 1 53 P
Door Post, RH	41	P0515026-8 1 40 P
	40	P0515026-20 1 28 P
	42	P0719032-28 1 53 P
	N/A	P0711133-62 1 33 P
	N/A	P0711133-66 1 39 P
Escutcheon Assembly LH	N/A	P0415023-1 1 41 P
Escutcheon Assembly RH	N/A	P0415023-3 1 41 P
Molding, Baggage Comp.	10	P0515012-17 1 42 P
Molding, Baggage Comp., Low	11	P0515012-18 1 43 P
Molding, Rear Window	118	P0515053-8 1 28 P
Molding, Rear Wind., Upper	120	P0500210-132 1 34 P
	121	P0515014-8 1 42 P
Molding, Rear Wind., Upper, LH	N/A	P0500210-39 1 23 P
Molding, Rear Wind., Lower	119	P0500210-135 1 36 P
Molding, Rear Wind., Lower, LH	N/A	P0500210-43 1 23 P
Molding, Side Wind., LH Light	N/A	P0500210-41 22 P
Molding, Side Wind., RH Light	N/A	P0500210-40 1 22 P
Panel, Aft LH	87	P0519081-13 1 53 P
Panel, Aft RH	89	P0519081-14 1 53 P
Panel, Upper Aft LH	88	P0519078-21 1 53 P
Panel, Upper Aft RH	90	P0519078-22 1 53 P
Panel Accent, Aft, LH	59	P0519078-27 1 53 P
Panel Accent, Aft, RH	61	P0519078-28 1 53 P

Notes:

1 Add -LB for light beige or -LG for light gray
18 Model 152 only
19 S/N 15276406 thru 15285939 and A1520753 thru A1521049
20 S/N 15279406 thru 15285594 only
21 S/N 17249545 thru 17254892 only
22 S/N 17249545 thru 17253392 only
23 S/N 17249545 thru 17257161 only
24 S/N 17249545 thru 17267584 only
25 S/N 17249545 and on
26 S/N 17250573 thru 17259223 only
27 S/N 17275035 and on
28 S/N 17274010 and on
29 S/N 17251823 thru 17267584 only
30 S/N 17251823 thru 17274009 only
31 S/N 17274010 thru 17276654 only
32 S/N 17254893 thru 17259223 only
33 S/N 17257162 thru 17259223 only
34 S/N 17257162 thru 17267584 only
35 S/N 17257162 thru 17267584 only
36 S/N 17257162 thru 17274009 only
37 S/N 17259224 thru 17267584 only
38 S/N 17259224 thru 17276211 only
39 S/N 17260759 thru 17267584 only
40 S/N 17260759 thru 17274009 only
41 S/N 17260759 thru 17276654 only
42 S/N 17260759 and on, includes model 172Q
43 S/N 17260759 and on, does not include model 172Q
44 S/N 17263459 thru 17276654 only
45 S/N 17263459 and on
46 S/N 17267585 and on
47 S/N 17267585 thru S/N 17274009 only
48 S/N 17267585 thru S/N 17275034 only
49 S/N 17267585 thru S/N 17276654 only
50 S/N 17272885 thru 17275759 only
51 S/N 17251823 thru 17276654 only
52 S/N 17280001 and on (172R,S)
53 Add -0 for 1997-2000 year models and -N for 2001 and up

Continued on next page

Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Cessna Interior Plastic Trim continued from previous page

172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S continued
S/N 28000 thru 172S9999

Description	Fig	Part Number
Panel Accent, Fwd, LH	60	P0519081-15 1 53 P
Panel Accent, Fwd, RH	62	P0519081-16 1 53 P
Panel Baggage Comp., Rear	13	P0500210-42 1 24 P
Panel Baggage Comp. RH	14	P0500210-97 1 30 P
	15	P2415014-16 1 53 P
Panel Baggage Comp. Upper	16	P0515019-15 1 43 P
Panel, Cable Access, LH	19	P0519044-3 1 53 P
Panel, Cable Access, RH	20	P0519044-4 1 53 P
Panel, Door, LH	47	27-32-03L T
	48	30-0715064-380A T
	N/A	P0519078-17 1 53 P
Panel, Door, RH	51	27-32-03R T
	52	30-0715064-480A T
	30	P0519078-18 1 53 P
Panel Door Accent, LH	25	P0519078-25 1 53 P
Panel Door Accent, RH	26	P0519078-26 1 53 P
Panel Door Insert, LH	28	P0519095-1 1 53 P
Panel Door Insert, RH	29	P0519095-2 1 53 P
Panel Door Insert, Aft LH	84	P0519095-3 1 53 P
Panel Door Insert, Aft RH	85	P0519095-4 1 53 P
Panel, Kick, Fwd LH	57	P0519081-11 1 53 P
Panel, Kick, Fwd RH	58	P0519081-12 1 53 P
Plug, Door Handle, LH	53	P0515075-79 1 53 P
Plug, Door Handle, RH	54	P0515075-78 1 53 P
Reel, Cover Plate	97	P0519076-4 1 53 P
Seat Back, Trim Assy, Rear	164	P0514109-1 1 41 P
Shield	160	P0511326-5 1 49 P
	N/A	P0414013-12 1 34 P
Shield Assembly, LH	N/A	P0413484-2 1 26 P
Shield Assembly, RH	94	P0711133-50 1 32 P
Shield, Instrument Light	92	P0414013-15 1 39 P
Shield, LH	N/A	P0711133-27 1 21 P
Shield, RH	N/A	P0711133-18 1 21 P
Tiara Assembly	N/A	P0514113-1 1 40 P
	165	P0514127-1 1 49 P
Tiara Assembly, RH	N/A	P0514127-3 1 47 P
Tray, Shoulder Harness	103	20-14 45 T
	166	P0515010-10 1 38 P
Trim, LH	95	P0515024-25 1 53 P
Trim, RH	96	P0515024-26 1 53 P
Window, Side, Aft, LH	122	P0515027-21 1 28 P
Window, Side, Aft, RH	126	P0515027-22 1 28 P
Window, Side, LH	123	P0514071-1 1 35 P
	124	P0515027-3 1 40 P
Window, Side, RH	N/A	P0514012-2 1 33 P
	127	P0514071-2 1 37 P
	128	P0515027-4 1 40 P

172RG, R172K
S/N All

Description	Fig	Part Number
Console, Cabin Top	N/A	P2415019-2 1 P
Cover Assembly, Elt	169	P0515047-3 1 P
Molding, Window, Rear, Lower	N/A	P2415014-1 1 P
Panel, Avionics Circuit Breaker	N/A	P2413062-1 1 P
Panel, Baggage Comp.	167	P0515015-6 1 P
Panel, Baggage Comp.	168	P0515019-5 1 P
Panel, Baggage Comp. RH	N/A	P2415014-2 1 P
Tray, Shoulder Harness	103	20-14 T

Continued on next column

177A,B, 177RG
S/N All

Description	Fig	Part Number
Cover Assembly, Cabin Top	N/A	P1706044-3 1 56 P
Molding, Baggage Door	N/A	P1715019-24 1 55 P
Panel, Seat Back	N/A	P1714089-1 1 P
Trim, Door	N/A	P1715042-27 1 55 P
Trim, Panel, Forward, LH	N/A	P1715018-6 1 54 P
Trim, Panel, Forward, RH	N/A	P1715018-5 1 54 P

180, 180A,B,C,D,E,F,G,H,J,K
S/N 30000 thru 18053203

Description	Fig	Part Number
Panel, Door, LH	47	27-32-03L 57 T
	48	30-0715064-3-80A 57 T
Panel, Door, RH	51	27-32-03R 57 T
	52	30-0715064-4-80A 57 T
Panel, Front, RH	183	P0715064-16 58 1 P

Notes:

1 Add -LB for light beige or -LG for light gray
21 S/N 17249545 thru 17254892 only
22 S/N 17249545 thru 17253392 only
23 S/N 17249545 thru 17257161 only
24 S/N 17249545 thru 17267584 only
25 S/N 17249545 and on
26 S/N 17250573 thru 17259223 only
27 S/N 17275035 and on
28 S/N 17274010 and on
29 S/N 17251823 thru 17267584 only
30 S/N 17251823 thru 17274009 only
31 S/N 17274010 thru 17276654 only
32 S/N 17254893 thru 17259223 only
33 S/N 17257162 thru 17259223 only
34 S/N 17257162 thru 17267584 only
35 S/N 17257162 thru 17267584 only
36 S/N 17257162 thru 17274009 only
37 S/N 17259224 thru 17267584 only
38 S/N 17259224 thru 17276211 only
39 S/N 17260759 thru 17267584 only
40 S/N 17260759 thru 17274009 only
41 S/N 17260759 thru 17276654 only
42 S/N 17260759 and on, includes model 172Q
43 S/N 17260759 and on, does not include model 172Q
44 S/N 17263459 thru 17276654 only
45 S/N 17263459 and on
46 S/N 17267585 and on
47 S/N 17267585 thru S/N 17274009 only
48 S/N 17267585 thru S/N 17275034 only
49 S/N 17267585 thru S/N 17276654 only
50 S/N 17272885 thru 17275759 only
51 S/N 17251823 thru 17276654 only
52 S/N 17280001 and on (172R,S)
53 Add -0 for 1997-2000 year models and -N for 2001 and up
54 Models 177A and B only
55 Model 177B only
56 Models 177B and 177RG only
57 S/N 30000 thru 18052770 only
58 S/N 18052285 thru 18052770 only

Continued on next page

P Premier Aerospace Services and Technology/PVC/Acrylic
T Texas Aeroplastics/ABS Plastic Parts

Cessna Interior Plastic Trim continued from previous page

182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S
S/N 33000 thru 18268586

Description	Fig	Part Number
Armrest Support, LH	N/A	P2215026-1 1 85 P
Armrest Support, RH	N/A	P2215026-2 1 85 P
Armrest, Rear, LH	N/A	P2215027-1 1 85 P
Armrest, Rear, RH	N/A	P2215027-2 1 85 P
Baggage Doorpost Cover	N/A	P0700702-9 1 62 P
Cover, Access	N/A	P0714051-8 1 78 P
Cover Assembly	N/A	P0711778-5 1 73 P
	N/A	P0713811-5 74 P
	N/A	P0713811-7 88 P
Cover, Brow	N/A	P0713791-3 1 64 P
Cover, LH	172	P0715024-1 1 79 P
Cover, RH	173	P0715024-2 1 79 P
Cover Side Window, LH Light	N/A	P0700702-15-434 1 60 P
Cover Side Window, RH Light	N/A	P0700702-16-434 1 60 P
Cover, Side Window Frame, LH	N/A	P0715009-1 1 70 P
Door Assy, Map Compartment	27	P0713777-3 64 P
Door Handle, Plug, LH	185	P0715096-13 1 86 P
Door Handle, Plug, RH	186	P0715096-14 1 86 P
Escutcheon, Dome Light	N/A	P0711779-2 1 79 P
Escutcheon, LH	N/A	P1715047-3 1 79 P
Escutcheon, RH	N/A	P1715047-4 1 79 P
Headliner Assembly	N/A	P0714051-1 1 80 P
Headliner Assembly, Molded	N/A	P0714002-7 1 76 P
Molding, LH	74	P0715032-19 1 84 P
	75	P0715044-1 1 75 P
	77	P0715044-9 1 76 P
	76	P0715044-11 1 82 P
Molding, RH	78	P0715032-18 1 84 P
	80	P0715044-2 1 75 P
	81	P0715044-8 1 76 P
	79	P0715044-10 1 82 P
Molding, Doorpost, LH	N/A	P0715022-3 1 71 P
Molding Door Sill	179	P0715044-5 1 73 P
Molding, Door Window, LH	N/A	P0715008-3 1 84 P
	175	P0715032-15 1 72 P
Molding, Door Window, RH	N/A	P0715008-4 1 69 P
	176	P0715032-16 1 71 P
Molding Assy, Door Window, RH Openable	113	P0715069-1 1 81 P
Molding, Window, LH	N/A	P0715032-3 1 75 P
	N/A	P0715032-9 1 75 P
	177	P0715044-3 1 87 P
	106	P0715044-15 1 82 P
Molding, Window, RH	N/A	P0715022-10 1 72 P
	N/A	P0715032-4 1 75 P
	174	P0715032-10 1 75 P
	178	P0715044-4 1 87 P
	107	P0715044-16 1 82 P
Molding, Window Aft	N/A	P0700702-12 1 61 P
	170	P0715010-2 1 77 P
Molding, Window, Up. Aft, LH	108	P0715010-3 1 82 P
Molding, Window, Up. Aft, RH	109	P0715010-4 1 82 P
Panel Assembly, LH	N/A	P0715023-3 1 76 P
Panel Assembly, RH	171	P0715023-16 1 76 P
Panel, Assembly, Aft Wall	N/A	P0700702-10 1 62 P
	N/A	P0715023-1 1 72 P
	N/A	P0715023-5 1 73 P
	182	P0715053-3 1 76 P
Panel, Assembly, Baggage LH	82	P0715088-1 1 84 P
Panel, Baggage, Aft	N/A	P2215012-3 1 85 P
Panel, Baggage Compartment	N/A	P0700702-6 1 63 P
Panel, Baggage Wall, Aft	184	P0715089-1 1 84 P
Panel, Canted	N/A	P0700702-11 1 62 P
	N/A	P0700702-21 1 76 P

Continued on next column

182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S continued
S/N 33000 thru 18268586

Description	Fig	Part Number
Panel, Canted, Baggage Comp.	86	P0715080-1 1 82 P
Panel, Door, LH	47	27-32-03L 59 T
	48	30-0715064-380A 59 T
	N/A	P0715096-19 1 86 P
Panel, Door, RH	51	27-32-03R 59 T
	52	30-0715064-480A 59 T
	N/A	P0715096-20 1 86 P
Panel, Trim	91	P0715052-6-532 1 82 P
Panel, Trim, LH	180	P0715052-1 1 76 P
Panel, Trim, RH	181	P0715052-2 1 76 P
Panel, Trim, Lower LH	N/A	P2215022-9 1 85 P
Panel, Trim, Lower RH	N/A	P2215022-10 1 85 P
Panel, Trim, Upper LH	N/A	P2215022-11 1 85 P
Panel, Trim, Upper RH	N/A	P2215022-12 1 85 P
Shield, LH	N/A	P1215045-5 1 72 P
Shield, RH	N/A	P1215045-6 1 72 P
Shield Doorpost LH	N/A	P0715007-1 1 67 P
	N/A	P0715007-5 1 71 P
	N/A	P0715022-1 1 72 P
Shield Doorpost LH, Light	43	P0700702-17 1 65 P
Shield Doorpost RH	N/A	P0715007-3 1 68 P
	N/A	P0715022-2 1 72 P
Shield Doorpost RH, Light	44	P0700702-18 1 66 P
Shield, Glare Assembly	N/A	P0713169-1 75 P
Splice	N/A	P0715049-1 1 79 P
Trim Assembly, Seat Back, LH	N/A	P0714023-1 1 77 P
	N/A	P0715004-1 1 67 P
Trim Assembly, Seat Back, RH	N/A	P0715016-1 1 72 P
	N/A	P0714023-2 1 83 P
Trim, Strip, LH	N/A	P0715022-7 1 72 P

185, 185A,B,C,D,E, A185E,F
S/N 185-0001 thru 18504448

Description	Fig	Part Number
Panel, Door, LH	47	27-32-03L T
With built in arm rest	48	30-0715064-380A T
Panel, Door, RH	51	27-32-03R T
With built in arm rest	52	30-0715064-480A T

Notes:

1 Add -LB for light beige or -LG for light gray
60 S/N 18255059 thru 18255844 only
61 S/N 18255059 thru 18259305 only
62 S/N 18255059 thru 18260825 only
63 S/N 18255059 thru 18261425 only
64 S/N 18255846 thru 18257625 only
65 S/N 18256685 thru 18257625 only
66 S/N 18256685 thru 18258505 only
67 S/N 18258506 thru 18260055 only
68 S/N 18258506 thru 18260825 only
69 S/N 18259306 thru 18260055 only
70 S/N 18259306 thru 18265175 only
71 S/N 18260056 thru 18260825 only
72 S/N 18260056 thru 18265175 only
73 S/N 18260056 thru 18267715 only
74 S/N 18262466 thru 18264295 only
75 S/N 18260826 thru 18265175 only
76 S/N 18260826 thru 18267715 only
77 S/Ns 18260826 thru 18267715 and R18200001 thru R18202041
78 S/Ns 18260826 thru 18268586 and R18200001 thru R18202041
79 S/Ns 18260826 thru 18267715, R18200001 thru R18202041
80 S/Ns 18265176 thru 18267715 and R18200001 thru R18202041
81 S/N 18260826 thru 18268586 only
82 S/N 18260826 thru 18268586 only
83 S/N 18263476 thru 18267715 only
84 S/N 18267716 thru 18268586 only
85 S/N 18267716 thru 18268586 and FR182, R182, T182 and TR182
86 Model 182S only
87 S/N 18260826 thru 18267715 and F18200001 thru F18200169
88 S/N 18264296 thru 18265965 only

Continued on next page

P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Cessna Interior Plastic Trim continued from previous page

206H, U206, U206A,B,C,D,E,F,G, P206, P206A, T206H, TU206F, G
S/N 20608001 thru 20699999
S/N U206-0276 thru U20601700
S/N P206-0002 thru P206-0306
S/N T20608001 thru T206999999

Description	Fig	Part Number
Curtain Assy, Baggage	N/A	P1215063-7 1 90 P
Door Assy., Map Compartment	27	P0713777-3 90 P
Molding Assembly	N/A	P1215087-4 89 P
Molding, LH	N/A	P1215046-12 1 89 P
Cover, Window Post, LH	N/A	P1200659-25 1 91 P
Cover, Window Post, RH	N/A	P1200659-26 1 91 P
Molding, Baggage Compt. Top	N/A	P1215061-2 1 91 P
Molding, Cabin Aft	N/A	P1215060-1 1 91 P
Molding, Cargo Door	N/A	P1215043-6 1 91 P
Molding, Cargo Door, Aft	N/A	P1215043-4 1 91 P
Molding, Center LH	N/A	P1200656-20 1 91 P
Molding, Rear LH	N/A	P1200656-17 1 91 P
Molding, Rear RH	N/A	P1200656-18 1 91 P
	201	P1200656-22 1 89 P
Molding, Window Fwd RH	N/A	P1215105-2 1 91 P
Panel, Aft LH	N/A	P1215043-23 1 91 P
Panel, Door Trim	N/A	P1215043-28 1 91 P
Panel, Fwd LH	N/A	P1215043-1 1 91 P
Panel, Fwd RH	N/A	P1215043-2 1 91 P
Panel, Rear RH	N/A	P1215043-24 1 91 P

210B,C,F,K,L,M,N,R, T210F,K,L,M,N,R

Description	Fig	Part Number
Cover Assy., Overhead Console	N/A	P1200243-1 1 92 P
Cover, Baggage Door	196	P1200456-19 1 96 P
Cover, Cabin Step, White	202	P1211513-2 92 P
Cover, Panel, Rear	199	P1200456-9 1 95 P
Cover, Pedestal, Black	N/A	P1213474-2 95 P
Escutcheon, Air Vent, Rear	188	P1200241-1 1 92 P
Escutcheon, Center Vent	N/A	P1200239-1 1 92 P
Escutcheon, Door Handle, LH	N/A	P0705042-3 1 93 P
Escutcheon, Door Handle, RH	N/A	P0705042-4 1 93 P
Frame, Side Window, Aft, LH	N/A	P1200456-7 1 95 P
Frame, Side Window, Aft, RH	198	P1200456-6 1 95 P
Frame, Side Window, LH	195	P1200456-1 1 95 P
Frame, Side Window, RH	197	P1200456-2 1 95 P
Molding, Aft, LH	N/A	P1215109-21 1 93 P
Molding, Aft, RH	N/A	P1215109-22 1 93 P
Molding, Door Window, Up., LH	N/A	P1215130-1 1 93 P
Molding, Door Window, Up., RH	N/A	P1215130-2 1 93 P
Molding, Forward, LH	N/A	P1215109-19 1 93 P
Molding, Forward, RH	N/A	P1215109-20 1 93 P
Panel, Assy Aft, LH	190	P1200455-11 1 95 P
Panel, Assy Aft, RH	191	P1200455-12 1 95 P
Panel, Assy Door, LH	194	P1200455-9 1 95 P
Panel, Assy Door, RH	189	P1200455-10 1 95 P
Panel, Assy Sidewall, Fwd LH	192	P1200455-7 1 95 P
Panel, Assy Sidewall, Fwd RH	193	P1200455-8 1 95 P
Panel, Avionics Circuit Breaker	N/A	P1270092-1 1 94 P
Shield, Doorpost LH	187	P0770725-8 1 97 P
Shield, Doorpost RH	200	P1200535-4 1 97 P
Shield, Door, Upper, LH	N/A	P1215109-3 1 P
Shield, Door, Upper, RH	N/A	P1215109-4 1 P
Trim, Shield	203	P1215066-1 1 P
	204	P1215186-1 1 98 P

Continued on next column

P Premier Aerospace Services and Technology/PVC/Acrylic
T Texas Aeroplastics/ABS Plastic Parts

Cessna interior plastic images ***continue*** *on next page!*

401, 401A,B, 402, 402A,B

Description	Fig	Part Number
Cover Assy, Cockpit Light & Oxygen	66	P5017516-8 1 4 P
Cover Assy, Rheostat Controls	67	P5017561-10 1 100 P
Cover, Inside, LH	70	P5014016-5 1 99 P
Cover, Inside, RH	71	P5014016-6 1 99 P
Cover, Outside, LH	72	P5014016-3 1 99 P
Cover, Outside, RH	73	P5014016-4 1 99 P
Cup, Handle	56	P5011128-1 1 3 P
Trim Assy, Upper Cargo Door	55	P5214018-7 1 100 P
Trim, Window, Aft	125	P5014046-10 1 100 P
Trim, Window, Center Aft	110	P5014046-8 1 100 P
Trim, Window, Center Fwd	111	P5014046-5 1 100 P
	112	P5014046-6 1 100 P
Trim, Window, Pilot's	117	P5014044-3 1 2 P
Trim, Window, Co-Pilot's	116	P5014044-4 1 2 P
Trim Emergency Window	114	P5014046-4 1 100 P
Trim Forward Window	115	P5014046-3 1 100 P
Trim, Upper Door Window, LH	129	P5014046-42 1 100 P
Trim, Windshield, Center	130	P5014045-5 1 4 P
Trim, Windshield, Upper	131	P5014045-3 1 4 P

421B,C

Description	Fig	Part Number
Cover Assembly	64	P5119137-2 1 6 P
Cover Face, LH	68	P5114534-5 1 5 P
Cover Face, RH	69	P5114534-6 1 5 P
Panel Assy, Armrest, Pilot's	2	P5119057-13 1 6 P
Panel Assy, Armrest, Co-Pilot's	1	P5119139-4 1 6 P
Storage, Armrest, Pilot's	3	P5219153-1 1 6 P
Storage, Armrest, Co-Pilot's	205	P5219153-2 1 6 P

Notes:
1 Add -LB for light beige or -LG for light gray
2 Models 401, 401A,B, 402, 402A
3 Models 401, 401A, 402, 402A,B
4 Models 401, 401A,B, 402, 402A,B
5 Models 421B,C
6 Models 421C
89 Models 206H and T206H only
90 Models U206, U206A,B,C,D,E, P206, P206A only
91 Models U206F,G, TU206F,G only
92 Models 210L,M,N, T210L,M,N only
93 Models 210M,N, T210M,N only
94 Models 210M and T210M only
95 Model 210B only
96 Models 210B,C only
97 Models 210F, T210F only
98 Models 210N,R, T210N,R only
99 Models 401, 401A,B
100 Models 401, 401A, 402A,B

Photos are not to scale or relative to each other

1

P5119139-4
Panel Assy Co-Pilot

2

P5119139-4
Panel Assy Co-Pilot

3

P5219153-1
Storage Pilot's

4

28-01
Arm Rest Support

5

P0715079-7
Door Cover

6

P0515018-14
Door Frame Aft

7

P0500210-95
Door Frame Cover Fwd

8

P0515036-2
Door Frame Cover Fwd

9

P0515036-8
Door Hinge Cover

Cessna Interior Plastic Trim continued from previous page

Photos are not to scale or relative to each other

10

P0515012-17
Baggage Compartment

11

P0515012-18
Baggage Comp. Lower

12

26-26
Baggage Panel

13

P0500210-42
Baggage Panel Rear

14

P0500210-97
Baggage Compartment Panel RH

15

P2415014-16
Baggage Compartment Panel RH

16

P0515019-15
Baggage Compartment Panel Upper

17

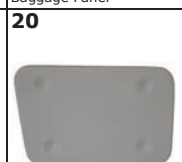
P0715081-1
Baggage Compartment Panel

18

P0515015-22
Baggage Compartment Upper

19

P0519044-3
Cable Access Panel LH

20

P0519044-4
Cable Access Panel RH

21

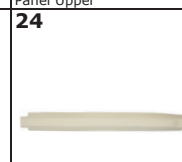
26-23
Center Console

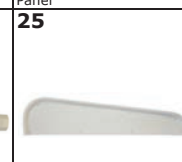
22

28-0500233-80A
Center Console w/o Trim

23

28-0500233RT-80A
Center Console w/Trim

24

P0500210-198
Center Post Cover

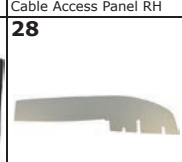
25

P0519078-25
Door Accent Panel, LH

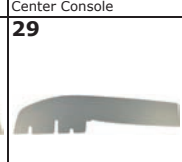
26

P0519078-26
Door Accent Panel, RH

27

P0713777-3
Assy. Map Compartment

28

P0519095-1
Door Insert Panel, LH

29

P0519095-2
Door Insert Panel, RH

30

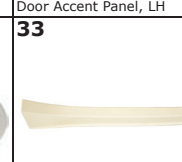
P0519078-18
Door Panel, RH

31

P0719032-7
Post, Cover Closeout LH

32

P0719032-8
Post, Cover Closeout RH

33

P0515028-1
Door Post, LH Aft

34

P0500210-81
Door Post, LH Rear

35

P0413484-22
Door Post, LH

36

P0515050-9
Door Post, LH

37

P0719032-29
Door Post, LH

38

P0515028-2
Door Post RH Aft

39

P0500210-82
Door Post RH Rear

40

P0515026-20
Door Post, RH

41

P0515026-8
Door Post, RH

42

P0719032-28
Door Post, RH

43

P0700702-17
Post, Shield, Light LH

44

P0700702-18
Post,Shield, Light RH

45

66-150LD
Door Panel LH

46

67-82-150LD
Door Panel LH

47

27-32-03L
Door Panel LH

48

30-0715064-380A
Door Panel LH

49

66-150RD
Door Panel RH

50

67-82-150RD
Door Panel RH

51

27-32-03R
Door Panel RH

52

30-0715064-480A
Door Panel RH

53

P0515075-79
Plug, Door Handle, LH

54

P0515075-78
Plug, Door Handle, RH

55

P5214018-7
Trim Assy, Upper Cargo

56

P5011128-1
Handle Cup

57

P0519081-11
Kick Panel LH Fwd

58

P0519081-12
Kick Panel RH Fwd

59

P0519078-27
Accent Panel, LH Aft

60

P0519081-15
Accent Panel, LH Fwd

61

P0519078-28
Accent Panel, RH Aft

62

P0519081-16
Accent Panel, RH Fwd

63

P0414013-19
Cover Assembly

64

P5119137-2
Cover Assembly

65

P0511326-1
Cover Assembly

66

P5017516-8
Cover Assy Cockpit Lgt

67

P5017561-10
Cover Assy Rheostat

68

P5114534-5
Cover Face, LH

69

P5114534-6
Cover Face, RH

70

P5014016-5
Cover Inside, LH

71

P5014016-6
Cover Inside, RH

72

P5014016-3
Cover Outside, LH

73

P5014016-4
Cover Outside, RH

74

P0715032-19
Molding LH

75

P0715044-1
Molding LH

76

P0715044-11
Molding LH

77

P0715044-9
Molding LH

78

P0715032-18
Molding RH

79

P0715044-10
Molding RH

80

P0715044-2
Molding RH

81

P0715044-8
Molding RH

Cessna Interior Plastic Trim continued from previous page

Photos are not to scale or relative to each other

82  **P0715088-1** Panel Assembly, LH	**83**  **P0715087-1** Panel Assembly, RH	**84** **P0519095-3** Panel Insert, Aft LH	**85**  **P0519095-4** Panel Insert, Aft RH	**86**  **P0715080-1** Panel, Canted	**87**  **P0519081-13** Panel, Aft LH	**88**  **P0519078-21** Panel Upper Aft, LH	**89**  **P0519081-14** Panel, Aft RH
90  **P0519078-22** Panel Upper Aft, RH	**91**  **P0715052-6-532** Panel, Trim	**92**  **P0414013-15** Shield	**93**  **P05111326-5** Shield	**94**  **P0711133-50** Shield Assy., RH	**95** **P0515024-25** Trim, LH	**96** **P0515024-26** Trim, RH	**97**  **P0519076-4** Reel Cover Plate
98  **26-13L** Cover, Post, LH	**99**  **28-13L** Cover, Post, LH	**100**  **26-13R** Cover, Post, RH	**101**  **28-12R** Cover, Post, RH	**102**  **26-19** Panel, Interior Seatback	**103**  **20-14** Tray	**104**  **P0511327-3** Cover	**105**  **P0514068-2** Cover
106  **P0715044-15** Molding, LH	**107**  **P0715044-16** Molding, RH	**108** **P0715010-3** Molding, Upper Aft, LH	**109**  **P0715010-4** Molding, Upper Aft, RH	**110**  **P5014046-8** Trim	**111**  **P5014046-5** Trim	**112**  **P5014046-6** Trim	**113**  **P0715069-1** Molding, RH
114  **P5014046-4** Trim	**115**  **P5014046-3** Trim	**116**  **P5014044-4** Trim	**117**  **P5014044-3** Trim	**118**  **P0515053-8** Molding	**119**  **P0500210-135** Molding, Lower	**120**  **P0500210-132** Molding, Upper	**121** **P0515014-8** Molding, Upper
122 **P0515027-21** Aft, LH	**123** **P0514071-1** LH	**124** **P0515027-3** LH	**125** **P5014046-10** Aft	**126** **P0515027-22** Aft, RH	**127** **P0514071-2** RH	**128** **P0515027-4** RH	**129** **P5014046-42** Trim, LH
130 **P5014045-5** Trim, Center	**131** **P5014045-3** Trim, Upper	**132** **P0400118-50** Cover, Window Trim, Rear	**133** **P0400129-12** Panel,Baggage Cmpt RH	**134** **P0400129-13** Panel, Baggage Cmpt LH	**135** **P0400129-15** Panel, Baggage Cmpt Aft	**136** **P0400129-19** Panel, Baggage Shelf	**137** **P0400129-4** Post, Door, Rear, RH
138 **P0400129-5** Post, Door, Rear, LH	**139** **P0400129-58** Panel,Baggage Cmpt Up	**140** **P0411974-1** Shield, LH	**141** **P0411974-2** Shield, RH	**142** **P0411974-6** Shield, RH	**143** **P0413458-1** Door, Glove Box	**144** **P0413463-1** Cover, Control	**145** **P0413525-10** Door, Glove Box

Cessna Interior Plastic Trim continued from previous page

Photos are not to scale or relative to each other

146

P0413546-14
Door, Map Case

147

P0414016-2
Trim, Headliner

148

P0414026-27
Panel, Door, LH

149

P0414026-28
Panel, Door, RH

150

P0414030-2
Cover, Window Trim, Rear

151

P0414068-3
Cover Assy, Overhead Con

152

P0414069-1
Shield,Overhead Console

153

P0415010-1
Cover Assy

154

P0415021-13
Panel, Baggage, Cmpt Up

155

P0415021-16
Cover, Center Strip

156

P0415021-34
Panel, Cowl RH

157

P0415021-5
Panel, Cowl LH

158

P0415034-2
Pocket, RH

159

P0470114-1
Cover, Assy, Overhead Con

160

P0511326-5
Shield

161

P0511482-1
Cover Assy

162

P0511482-4
Shield

163

P0511482-9
Cover, Assy

164

P0514109-1
Seat Back,Trim Assy, Rear

165

P0514127-1
Tiara Assy

166

P0515010-10
Tray, Shoulder Harness

167

P0515015-6
Panel, Baggage Comp

168

P0515019-5
Panel, Baggage Comp

169

P0515047-3
Cover Assy, Elt

170

P0715010-2
Molding, Window Aft

171

P0715023-16
Panel Assy, RH

172

P0715024-1
Cover, LH

173

P0715024-2
Cover, RH

174

P0715032-10
Molding, Window RH

175

P0715032-15
Molding, Door Window LH

176

P0715032-16
Molding, Door Window RH

177

P0715044-3
Molding Window, LH

178

P0715044-4
Molding Window, RH

179

P0715044-5
Molding Door Sill

180

P0715052-1
Panel, Trim LH

181

P0715052-2
Panel, Trim RH

182

P0715053-3
Panel, Assy Aft Wall

183

P0715064-16
Panel, Front RH

184

P0715089-1
Panel, Baggage Wall Aft

185

P0715096-13
Door Handle, Plug LH

186

P0715096-14
Door Handle, Plug RH

187

P0770725-8
Shield, Doorpost LH

188

P1200241-1
Escutcheon, Air Vent Rear

189

P1200455-10
Panel, Assy Door RH

190

P1200455-11
Panel, Assy Aft LH

191

P1200455-12
Panel, Assy Aft RH

192

P1200455-7
Panel, Assy Sidewall Fwd LH

193

P1200455-8
Panel, Assy Sidewall Fwd RH

194

P1200455-9
Panel, Assy Door LH

195

P1200456-1
Frame, Side Window LH

196

P1200456-19
Cover, Baggage Door

197

P1200456-2
Frame, Side Window RH

198

P1200456-6
Frame, Side Window Aft RH

199

P1200456-9
Cover, Panel, Rear

200

P1200535-4
Shield, Doorpost RH

201

P1200656-22
Molding, Rear RH

202

P1211513-2
Cover, Cabin Step, White

203

P1215066-1
Trim, Shield

204

P1215186-1
Trim, Shield

205

P5219153-2
Storage, Armrest Co-Piot

206

P0500312-2
Mirror Front Cover and Backing

Piper Interior Plastic Trim





PA-24, PA-24-250, PA-24-260, PA-24-400		
Description	**Fig**	**Part Number**
Box Assembly, Cabin Air Outlet	N/A	P25574-00 4 P
Molding Assembly, Front Window	N/A	P25416-00 4 P
Molding, Cabin Door Window	N/A	P23314-06 P
Molding, Center Window, RH	N/A	P20758-09 6 P
Molding, Front Window, LH	N/A	P25418-00 4 P
Molding, Front Window, RH	N/A	P23308-06 3 P
Molding, Front Window, RH	N/A	P23314-02 5 P
Molding, Rear Window, LH	N/A	P25417-00 4 P
Panel Assembly	N/A	P22452-00 2 P

PA-28-140, -150, -160, -180, PA-28R-180		
Description	**Fig**	**Part Number**
Armrest, LH	1	H65238-10 1 11 P
Armrest, RH	2	H65238-11 1 11 P
Battery Box Cover	4	H35201-00 8 P
Blade, Sun Visor	126	H65866-00 8 P
Cap, Assist Strap	3	H79456-00 P
Compass Housing Assembly	14	H79600-00 P
Console, Overhead	19	H99500-06 8 P
Cover, Console	16	H67330-10 9 P
Cover, Elt Switch	25	H79463 9 P
Cover, Engine Control	26	H67232-40-41 10 P
Cover, Exhaust Vent	133	H99252-10 P
Cover, Flap Handle	31	60-65224-80A 11 T
	32	60-67785-17-80A 7 T
	35	H65224-07 P
	36	H67593-09 14 P
	37	H67785-17 P
Cover, Fuel Selector	52	H99635-09 7 P
Cover, Instrument Panel	57	H65891 7 P
Cover, Instrument Panel, LH	58	H67228-04 7 P
	59	H67228-09 13 P
Cover, Instrument Panel, Lower, LH	69	H66918-16 8 P
	72	H66983-12 14 P
Cover, Instrument Panel, Lower RH	76	H79527-02 8 P
Cover, Instrument Panel, RH	62	H67229-06 8 P
Cover, Instrument Panel, Upper RH	85	H99959-04 8 P
	86	H99959-05 7 P
Cover, Instrument Panel, Upper, LH	79	H67227-12 13 P
	83	H79044-06 7 P
Cover, LH	91	H67313-02 15 P
Cover, RH	92	H67314-02 15 P
Cover, Radio Cooling	114	H79404-00 7 P
Cover, Rudder Trim	115	H63295-05 P

Continued on next column

PA-28-140, -150, -160, -180, PA-28R-180 continued		
Description	**Fig**	**Part Number**
Cover, Seat Back	120	H78041 1 10 P
Cover, Shoulder Harness, LH	122	H78054-02 10 P
Cover, Shoulder Harness, RH	123	H99801-02 10 P
Cover, Shoulder Hrns, Rear, LH	169	P99920-02 15 P
Cover, Shoulder Hrns, Rear, RH	170	P99920-03 15 P
Cover, Transponder Antenna	N/A	P99991-00 8 P
Cover, Trim	94	H65674-15 P
Cover, Window Frame, Cntr, LH	168	P99904-05 13 P
Cover, Window, RH	142	H79171-02 7 P
Cover, Window, Rear LH	140	H67311-02 14 P
Cover, Window, Rear RH	141	H67312-02 14 P
Cover, Windshield Bow, Lower RH	145	H79171-13 7 P
Cover, Windshield Bow, Upper LH	146	H63149-20 7 P
Cover, Windshield Bow, Upper RH	147	H63149-21 7 P
Cover, Windshield, Upper LH	152	H63149-12 P
	153	H63149-16 9 P
Cover, Windshield, Upper RH	154	H63149-13 P
	155	H63149-17 9 P
Cover, Wing Bolt, LH	160	H63942-00 P
Cover, Wing Bolt, RH	161	H63942-01 P
Cup, Air Vent	101	H65735C 1 8 P
	100	H68736-00 11 P
Door Assembly, Rear Bulkhead	167	P79445-00 1 9 P
Door, Glove Box	54	H20596-00 P
Duct, Bulkhead Vent	132	H76308-00 13 P
Duct, Center Vent P/N H76307-00 without recess P/N H76307-07 with recess	9	H76307-00 13 P
	9	H76307-07 13 P
	11	H99541-00 13 P
	12	H99541-02 13 P

Notes:

1 Add -B for black or -W for white
2 Models PA-24, PA-24-250 and PA-24-260 only
3 Models PA-24-250, PA-24-260 and PA-24-400 only
4 Model PA-24-260 only
5 Model PA-24-400 only
6 Models PA-24 and PA-24-250 only
7 Model PA-28-140 only
8 Models PA-28-140 and PA-28-180 only
9 Models PA-28-140, PA-28-180 and PA-28R-180 only
10 Model PA-28-140 and PA-28R-180 only
11 Models PA-28-150, PA-28-160 and PA-28-180 only
12 Models PA-28-150, 160, 180 S/N 28-1761 thru 28-3977
13 Model PA-28-180 only
14 Model PA-28R-180 only
15 Model PA-28-180 and PA-28R-180 only

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Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Piper Interior Plastic Trim continued from previous page

PA-28-140, -150, -160, -180, PA-28R-180 continued

Description	Fig	Part Number
Duct, Fresh Air	48	H79186-08 7 P
Duct, Heat	56	H36511 13 P
Evaporator Filter	29	H99550-02 13 P
	30	H99550-03 7 P
Flange, Air Vent	102	H65735F 1 7 P
Grip, Handhold	55	H67235-00 8 P
Inertia Reel, LH	124	H67762-13 11 P
Interconnect, Ventilation Bulk	166	P79192-00 9 P
Inertia Reel, RH	125	H67762-12 11 P
Lens, Cabin Light	6	H12715-00 P
Lens, Cluster Assembly	13	H79381-00 8 P
Panel Assembly	103	H63428-06 P
	104	H63428-09 7 P
	107	H99222-04 10 P
Panel, Door Latch	22	H79542-05 1 7 P
Plate, Placard Engine Control	108	H65846-00 8 P
Seat Back, RH	121	H78041-08 1 8 P
Shield, Flap Handle Cover	41	H62827-07 P
	42	H65672-05 9 P
Trim, Floor	112	60-18 12 T
Trim Strip, Window Post, LH	143	H63125-04 P
Trim Strip, Window Post, RH	144	H63126-04 P
Trim Strip, Windshield, LH	156	H63149-14 9 P
Trim Strip, Windshield, RH	157	H63149-15 9 P
Trim, Windshield	159	H67556-04 8 P

PA-28-151, -161, -181, -201T

Description	Fig	Part Number
Battery Box Cover	4	H35201-00 P
Blade, Sun Visor	126	H65866-00 P
Cap, Assist Strap	3	H79456-00 P
Compass Housing Assembly	14	H79600-00 P
Console, Overhead	18	H76496-02 16 P
	19	H99500-06 17 P
Cover, Console	16	H67330-10 P
Cover, Door Trim, Upper	20	H79542-04 P
Cover, Drain	23	H35507-02 P
Cover, Elt Switch	25	H79463 P
Cover, Engine Control	26	H67232-40-41 P
Cover, Exhaust Vent	133	H99252-10 P
Cover, Flap Handle	32	60-67785-17-80A 21 T
	37	H67785-17 P
Cover, Fuel Selector	49	H35773-02 19 P
	52	H99635-09 P
Cover, Instrument Panel, LH	58	H67228-04 16 P
	59	H67228-09 20 P
Cover, Instrument Panel, Lower RH	76	H79527-02 P
Cover, Instrument Panel, Lower, LH	69	H66918-16 21 P
	70	H66918-18 19 P
	71	H66918-20 21 P
Cover, Instrument Panel, RH	62	H67229-06 21 P
Cover, Instrument Panel, Upper RH	85	H99959-04 18 P
	86	H99959-05 P
Cover, Instrument Panel, Upper, LH	80	H36567-05 21 P
	83	H79044-06 21 P
Cover, Radio Cooling	114	H79404-00 P
Cover, Rudder Pedal Stop Brack	165	P78735-02 20 P
Cover, Seat Back	120	H78041 1 P
Cover, Shoulder Harness, LH	122	H78054-02 P
Cover, Shoulder Harness, RH	123	H99801-02 P
Cover, Shoulder Hrns, Rear, LH	169	P99920-02 20 P
Cover, Shoulder Hrns, Rear, RH	170	P99920-03 20 P
Cover, Trim	94	H65674-15 P

Continued on next column

PA-28-151, -161, -181, -201T continued

Description	Fig	Part Number
Cover, Window Frame, Center LH	134	H79171-11 P
Cover, Window Frame, Center RH	135	H79171-08 P
Cover, Window Frame, Front LH	137	H79171-14 P
Cover, Window Frame, Rear LH	138	H79171-10 P
Cover, Window Frame, Rear RH	139	H79171-09 P
Cover, Window, RH	142	H79171-02 P
Cover, Windshield Bow, Lower RH	145	H79171-13 P
Cover, Windshield Bow, Upper LH	146	H63149-20 P
Cover, Windshield Bow, Upper RH	147	H63149-21 P
Cover, Windshield, Upper LH	153	H63149-16 21 P
Cover, Windshield, Upper RH	155	H63149-17 21 P
Cover, Wing Bolt, LH	160	H63942-00 P
Cover, Wing Bolt, RH	161	H63942-01 P
Cup, Air Vent	101	H65735C 1 P
Door Assembly, Rear Bulkhead	167	P79445-00 1 22 P
Duct, Bulkhead Vent	132	H76308-00 20 P
Duct, Center Vent P/N H76307-00 without recess P/N H76307-07 with recess	9	H76307-00 P
	9	H76307-07 P
	10	H79855-02 P
	12	H99541-02 P
Duct, Heat	56	H36511 P
Evaporator Filter	29	H99550-02 P
Flange	102	H65735F 1 P
Flange, Bulkhead Interconnect	5	H35498-00 16 P
Grip, Handhold	55	H67235-00 18 P
Interconnect, Ventilation Bulk	166	P79192-00 20 P
Lens, Cabin Light	6	H12715-00 P
Lens, Cluster Assembly	13	H79381-00 P
Plate, Placard Engine Control	108	H65846-00 21 P
	110	H69669-45 19 P
Shield, Flap Handle Cover	42	H65672-05 P
Trim, Windshield	159	H67556-04 P

PA-28-235, PA-28-236

Description	Fig	Part Number
Armrest, LH	1	H65238-10 1 23 P
Armrest, RH	2	H65238-11 1 23 P
Battery Box Cover	4	H35201-00 P
Blade, Sun Visor	126	H65866-00 P
Cap, Assist Strap	3	H79456-00 P
Compass Housing Assembly	14	H79600-00 P
Console, Overhead	19	H99500-06 P
Cover, Console	16	H67330-10 P
Cover, Door Trim, Upper	20	H79542-04 P
Cover, Drain	23	H35507-02 24 P

Notes:

1 Add -B for black or -W for white
7 Model PA-28-140 only
8 Models PA-28-140 and PA-28-180 only
9 Models PA-28-140, PA-28-180 and PA-28R-180 only
10 Model PA-28-140 and PA-28R-180 only
11 Models PA-28-150, PA-28-160 and PA-28-180 only
12 Models PA-28-150, 160, 180 S/N 28-1761 thru 28-3977
13 Model PA-28-180 only
14 Model PA-28R-180 only
15 Model PA-28-180 and PA-28R-180 only
16 Models PA-28-151 and PA-28-161 only
17 Models PA-28-151 PA-28-161 and PA-28-201T only
18 Model PA-28-181 only
19 Model PA-28-201T only
20 Models PA-28-181 and PA-28-201T only
21 Models PA-28-151 PA-28-161 and PA-28-181 only
22 Models PA-28-161, PA-28-181 and PA-28-201T only
23 Model PA-28-235 only
24 Model PA-28-236 only

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Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Piper Interior Plastic Trim continued from previous page

PA-28-235, PA-28-236 continued		
Description	**Fig**	**Part Number**
Cover, Elt Switch	25	H79463 P
Cover, Engine Control	26	H67232-40-41 P
Cover, Flap Handle	31	60-65224-80A 23 T
	32	60-67785-17-80A 23 T
	35	H65224-07 23 P
	37	H67785-17 P
Cover, Fuel Selector	50	H69652-12 P
	52	H99635-09 24 P
Cover, Instrument Panel, LH	59	H67228-09 P
Cover, Instrument Panel, Lower LH	69	H66918-16 23 P
	71	H66918-20 24 P
Cover, Instrument Panel, RH	62	H67229-06 P
Cover, Instrument Panel, Upper RH	86	H99959-05 P
Cover, Instrument Panel, Upper LH	80	H36567-05 24 P
	83	H79044-06 P
Cover, Quick Drain	24	H65461-19 23 P
Cover, Radio Cooling	114	H79404-00 P
Cover, Rudder Pedal Stop Brack	165	P78735-02 24 P
Cover, Seat Back	120	H78041 1 P
Cover, Shoulder Harness, LH	122	H78054-02 P
Cover, Shoulder Harness, RH	123	H99801-02 P
Cover, Shoulder Hrns, Rear, LH	N/A	P99920-02 P
Cover, Shoulder Hrns, Rear, RH	N/A	P99920-03 P
Cover, Transponder Antenna	N/A	P99991-00 23 P
Cover, Trim	94	H65674-15 P
Cover, Window Frame, Center LH	134	H79171-11 P
Cover, Window Frame, Center LH	168	P99904-05 23 P
Cover, Window Frame, Center RH	135	H79171-08 P
Cover, Window Frame, Front LH	137	H79171-14 P
Cover, Window Frame, Rear LH	138	H79171-10 P
Cover, Window Frame, Rear RH	139	H79171-09 P
Cover, Window, RH	142	H79171-02 23 P
Cover, Windshield Bow, Lower RH	145	H79171-13 P
Cover, Windshield Bow, Upper LH	146	H63149-20 23
Cover, Windshield Bow, Upper RH	147	H63149-21 P
Cover, Windshield, Upper LH	152	H63149-12 23 P
	153	H63149-16 23 P
Cover, Windshield, Upper RH	154	H63149-13 23 P
	155	H63149-17 23 P
Cover, Wing Bolt, LH	160	H63942-00 P
Cover, Wing Bolt, RH	161	H63942-01 P
Cup, Air Vent	101	H65735C 1 P
	100	H68736-00 5
Door Assembly, Rear Bulkhead	167	P79445-00 1 P
Door, Glove Box	54	H20596-00 23 P
Duct, Bulkhead Vent	132	H76308-00 P
Duct, Center Vent P/N H76307-00 without recess P/N H76307-07 with recess	9	H76307-00 P
	9	H76307-07 P
	10	H79855-02 24 P
	12	H99541-02 24 P
Duct, Heat	56	H36511 P
Evaporator Filter	29	H99550-02 24 P
Flange, Air Vent	102	H65735F 1 P
Grip, Handhold	55	H67235-00 23 P
Inertia Reel, LH	124	H67762-13 23 P
Inertia Reel, RH	125	H67762-12 23 P
Lens, Cabin Light	6	H12715-00 P
Interconnect, Ventilation Bulk	166	P79192-00 P
Lens, Cluster Assembly	13	H79381-00 P
Panel Assembly	103	H63428-06 23 P
Panel, Door Latch	22	H79542-05 1 23 P

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PA-28-235, PA-28-236 continued		
Description	**Fig**	**Part Number**
Plate, Placard Engine Control	108	H65846-00 23 P
	110	H69669-45 P
Seat Back, RH	121	H78041-08 1 23 P
Shield, Flap Handle Cover	41	H62827-07 23 P
	42	H65672-05 P
Trim, Floor	112	60-18 25 T
Trim Strip, Window Post, LH	143	H63125-04 23 P
Trim Strip, Window Post, RH	144	H63126-04 23 P
Trim, Windshield	159	H67556-04 P

PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T		
Description	**Fig**	**Part Number**
Battery Box Cover	4	H35201-00 P
Blade, Sun Visor	126	H65866-00 P
Cap, Assist Strap	3	H79456-00 P
Compass Housing Assembly	14	H79600-00 P
Console, Overhead	19	H99500-06 P
Cover, Console	16	H67330-10 P
Cover, Door Trim, Upper	20	H79542-04 P
Cover, Drain	23	H35507-02 P
Cover, Elt Switch	25	H79463 P
Cover, Engine Control	26	H67232-40-41 P
Cover, Exhaust Vent	136	H99252-10 P
Cover, Flap Handle	36	H67593-09 26 P
	38	H67917-06 P
Cover, Fuel Selector	49	H35773-02 31 P
	52	H99635-09 30 P
Cover, Instrument Panel, LH	59	H67228-09 32 P
Cover, Instrument Panel, Lower, LH	72	H66983-12 26 P
	73	H67920-14 P
Cover, Instrument Panel, Lower RH	76	H79527-02 P
Cover, Instrument Panel, RH	62	H67229-06 27 P
Cover, Instrument Panel, Upper RH	85	H99959-04 29 P
	86	H99959-05 33 P
Cover, Instrument Panel, Upper, LH	80	H36567-05 34 P
	83	H79044-06 28 P
Cover, LH	91	H67313-02 26 P
Cover, RH	92	H67314-02 26 P
Cover, Radio Cooling	116	H79404-00 P
Cover, Rudder Pedal Stop Brack	165	P78735-02 36 P
Cover, Seat Back	120	H78041 1 P
Cover, Shoulder Harness, LH	122	H78054-02 P
Cover, Shoulder Harness, RH	123	H99801-02 P
Cover, Shoulder Hrns, Rear, LH	169	P99920-02 P
Cover, Shoulder Hrns, Rear, RH	170	P99920-03 P
Cover, Transponder Antenna	N/A	P99991-00 26 P
Cover, Trim	94	H65674-15 P

Notes:

1 Add -B for black or -W for white
23 Model PA-28-235 only
24 Model PA-28-236 only
25 Model PA-28-235, S/N 28-10003 thru 28-10719
26 Model PA-28R-200 only
27 Model PA-28R-200 and PA-28R-201 only
28 Models PA-28R-200 and PA-28RT-201 only
29 Models PA-28R-200, PA-28R-201 and PA-28R-201T only
30 All models except PA-28RT-201T
31 Models PA-28R-201T and PA-28RT-201T only
32 Models PA-28R-200 and PA-28RT-201T only
33 Models PA-28R-200, PA-28RT-201 and PA-28RT-201T only
34 Models PA-28RT-201 and PA-28RT-201T only
35 All models except PA-28RT-201
36 Models PA-28R-201, PA-28R-201T and PA-28RT-201T only

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Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Piper Interior Plastic Trim continued from previous page

PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T continued		
Description	**Fig**	**Part Number**
Cover, Window Frame, Center LH	134	H79171-11 P
	168	P99904-05 26 P
Cover, Window Frame, Center RH	135	H79171-08 P
Cover, Window Frame, Front LH	137	H79171-14 P
Cover, Window Frame, Rear LH	138	H79171-10 P
Cover, Window Frame, Rear RH	139	H79171-09 P
Cover, Window, Rear LH	140	H67311-02 26 P
Cover, Window, Rear RH	141	H67312-02 26 P
Cover, Window, RH	142	H79171-02 29 P
Cover, Windshield Bow, Lower RH	145	H79171-13 35 P
Cover, Windshield Bow, Upper LH	146	H63149-20 P
Cover, Windshield Bow, Upper RH	147	H63149-21 P
Cover, Windshield, Upper LH	152	H63149-12 26 P
	153	H63149-16 26 P
Cover, Windshield, Upper RH	154	H63149-13 26 P
	155	H63149-17 26 P
Cover, Wing Bolt, LH	160	H63942-00 P
Cover, Wing Bolt, RH	161	H63942-01 P
Cup, Air Vent	101	H65735C 1 P
	100	H68736-00 26 P
Door Assembly, Rear Bulkhead	167	P79445-00 1 P
Duct, Bulkhead Vent	131	H76305-00 P
Duct, Center Vent P/N H76307-00 without recess P/N H76307-07 with recess	9	H76307-00 P
	9	H76307-07 P
	12	H99541-02 P
Duct, Fresh Air	46	H76494-02 34 P
	47	H76494-04 36 P
Duct, Heat	56	H36511 P
Evaporator Filter	29	H99550-02 P
Flange, Air Vent	102	H65735F 1 P
Grip, Handhold	55	H67235-00 26 P
Interconnect, Ventilation Bulk	166	P79192-00 37 P
Lens, Cabin Light	6	H12715-00 P
Lens, Cluster Assembly	13	H79381-00 37 P
Panel Assembly	107	H99222-04 26 P
Panel, Door Latch	22	H79542-05 1 26 P
Plate, Placard Engine Control	110	H69669-45 P
Seat Back, RH	121	H78041-08 1 26 P
Shield, Flap Handle Cover	42	H65672-05 P
Trim Strip, Window Post, LH	143	H63125-04 26 P
Trim Strip, Window Post, RH	144	H63126-04 26 P
Trim Strip, Windshield, LH	156	H63149-14 26 P
Trim Strip, Windshield, RH	157	H63149-15 26 P
Trim, Windshield	159	H67556-04 P

PA-30, PA-39		
Description	**Fig**	**Part Number**
Box Assembly, Cabin Air Outlet	N/A	P25574-00 38 P
Molding Assembly, Front Window	N/A	P25416-00 38 P
Molding, Cabin Door Window	162	P23314-06 P
Molding, Front Window, LH	N/A	P25418-00 38 P
Molding, Front Window, RH	158	P23308-06 P
Molding, Rear Window, LH	N/A	P25417-00 38 P
Panel Assembly	N/A	P22452-00 38 P

PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T		
Description	**Fig**	**Part Number**
Battery Box Cover	4	H35201-00 53 P
Blade, Sun Visor	127	H65866-02 P
Cap, Assist Strap	3	H79456-00 P
Channel, Seat Trim, Center LH	116	H68091-14 P

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PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T continued		
Description	**Fig**	**Part Number**
Channel, Seat Trim, Center RH	117	H68091-15 P
Channel, Seat Trim, Rear LH	118	H68090-16 P
Channel, Seat Trim, Rear RH	119	H68090-17 P
Compass Housing Assembly	14	H79600-00 P
Cover, Aft Trim	89	H36551-03 43 P
Cover, Glove Box	N/A	P69330-03 56 P
Cover, Cargo Door Upper	164	P69859-07 P
Cover, Console	17	H69654-19 P
Cover, Door Trim, Upper	20	H79542-04 P
	21	H79542-16 P
Cover, Elt Switch	25	H79463 45 P
Cover, Engine Control	27	H69344-28 P
Cover, Flap Handle	33	60-69596-80A 44 T
	34	H38178-02 51 P
	39	H69596-14 44 P
Cover, Forward Trim	90	H36551-02 43 P
Cover, Fuel Selector	50	H69652-12 P
Cover, Glove Box	53	H69330-04 55 P
Cover, Instrument Panel, Lower, LH	66	H69817-00 44 P
	67	H69817-03 51 P
Cover, Instrument Panel, Lower RH	75	H69901-02 P
Cover, Instrument Panel, RH	63	H69831-05 46 P
Cover, Instrument Panel, Upper RH	84	H69659-00 P

Notes:

1 Add -B for black or -W for white
26 PA-28R-200 only
27 PA-28R-200 and PA-28R-201 only
28 PA-28R-200 and PA-28RT-201 only
29 PA-28R-200, PA-28R-201 and PA-28R-201T only
30 All models except PA-28RT-201T
31 PA-28R-201T and PA-28RT-201T only
32 PA-28R-200 and PA-28RT-201T only
33 PA-28R-200, PA-28RT-201 and PA-28RT-201T only
34 PA-28RT-201 and PA-28RT-201T only
35 All models except PA-28RT-201
36 PA-28R-201, PA-28R-201T and PA-28RT-201T only
37 All models except PA-28R-200
38 PA-30 only
39 PA-32-260 and PA-32-300 only
40 Includes all models except PA-32-260
41 PA-32-260, PA-32-300, and PA-32R-300 only
42 PA-32-260, PA-32-300, and PA-32RT-300 only
43 PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
44 PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300 only
45 PA-32-260, PA-32-300, PA-32R-300, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
46 PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
47 PA-32-300, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
48 PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
49 PA-32-300, PA-32R-300, and PA-32RT-300T only
50 PA-32-300, PA-32R-300, -301, PA-32-301T, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
51 PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
52 PA-32-300, PA-32-301, 301T, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
53 PA-32-301T only
54 PA-32-301T, PA-32R-301, and PA-32R-301T only
55 PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, PA-32-300, and PA-32RT-300T only
56 Includes all models except PA-32R-300

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Piper Interior Plastic Trim continued from previous page

PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-32RT-300T continued

Description	Fig	Part Number
Cover, Instrument Panel, Upper, LH	81	H69661-00 41 P
Cover, Quick Drain	24	H65461-19 52 P
Cover, Radio Cooling	114	H79404-00 P
Cover, Rudder Pedal Stop Brack	165	P78735-02 40 P
Cover, Seat Back	120	H78041 1 P
Cover, Shoulder Harness, LH	N/A	H78054-02 P
Cover, Shoulder Harness, RH	123	H99801-02 P
Cover, Switch Plate	129	H69976-03 P
	130	H79182-02 P
Cover, Transponder Antenna	N/A	P99991-00 39 P
Cover, Terminal Strip	N/A	P79205-00 57 P
Cover, Trim	94	H65674-15 41 P
Cover, Window Frame, Front LH	136	H78349-17 P
Cover, Window, RH	142	H79171-02 41 P
Cover, Window Trim, Rear RH	N/A	P78349-11 P
Cover, Windshield Bow, Aft	163	P68732-02 39 P
Cover, Windshield Trim, LH	148	H63149-22 P
	150	H68688-04 41 P
Cover, Windshield Trim, RH	149	H63149-23 P
	151	H68688-05 41 P
Cover, Wing Bolt, LH	160	H63942-00 P
Cover, Wing Bolt, RH	161	H63942-01 P
Cup, Air Vent	101	H65735C 1 P
Door Assembly, Rear Bulkhead	167	P79445-00 1 P
Duct, Center Air	7	H69751-06 46 58 P
	8	H69991-02 47 P
Duct, Forward Air	43	H69749-04 41 P
	44	H69750-00 48 P
	45	H69990-02 47 P
Duct, Oxygen Gauge	113	H69991-07 54 P
Evaporator Filter	29	H99550-02 40 P
Flange, Air Vent	102	H65735F 1 P
Grip, Handhold	55	H67235-00 39 P
Interconnect, Ventilation Bulk	166	P79192-00 42 P
Lens, Cabin Light	6	H12715-00 43 P
Panel Assembly	105	H69746-13 49 P
	106	H69989-03 50 P
Panel, Door Latch	22	H79542-05 1 55 P
Panel, Overhead, Rear	N/A	P68445-02 39 P
Plate, Placard Engine Control	109	H69669-44 P
Seat Back, RH	121	H78041-08 1 41 P
Shield, Flap Handle Cover	41	H62827-07 P
Support, Compass	15	H69676-00 39 P

PA-34-200, PA-34-200T, PA-34-220T

Description	Fig	Part Number
Blade, Sun Visor	127	H65866-02 P
Cap, Assist Strap	3	H79456-00 P
Channel, Seat Trim, Center LH	116	H68091-14 P
Channel, Seat Trim, Center RH	117	H68091-15 P
Channel, Seat Trim, Rear LH	118	H68090-16 P
Channel, Seat Trim, Rear RH	119	H68090-17 P
Compass Housing Assembly	14	H79600-00 62 P
Cover, Aft Trim	89	H36551-03 P
Cover Assembly, Electric Bus	N/A	P96525-00 P
Cover Assembly Pitot Pressure Pump	N/A	P96842-02 62 P
Cover, Cargo Door Upper	164	P69859-07 60 P
Cover, Door Trim, Upper	20	H79542-04 62 P
	21	H79542-16 60 P
Cover, Elt Switch	25	H79463 P

Continued on next column

PA-34-200, PA-34-200T, PA-34-220T continued

Description	Fig	Part Number
Cover, Engine Control	28	H95808-08 60 P
Cover, Flap Handle	40	H96555-07 P
Cover, Fuel Selector	51	H78320-13 P
Cover, Glove Box	53	H69330-04 P
	N/A	P69330-03 P
Cover, Hydraulic Lines	N/A	P96998-00 62 P
Cover, Mag Switch	87	H96730-00 62 P
Cover, Instrument Panel, LH	61	H95919-00 59 P
Cover, Instrument Panel, Lower, LH	65	H37369-00 60 P
Cover, Instrument Panel, Lower RH	74	H37371-00 60 P
	78	H95284-08 59 P
Cover, Instrument Panel, RH	64	H95920-00 59 P
Cover, Instrument Panel, Upper RH	84	H69659-00 62 P
Cover, Instrument Panel, Upper, LH	82	H69816-03 60 P
Cover, Quick Drain	24	H65461-19 P
Cover, Radio Cooling	114	H79404-00 60 P
Cover, Seat Back	120	H78041 1 P
Cover, Selector Valve Lever	N/A	P96046-00 59 P
Cover, Shoulder Harness, LH	122	H78054-02 P
Cover, Shoulder Harness, RH	123	H99801-02 P
Cover, Starter Solenoid	N/A	P96600-00 P
Cover, Terminal Strip	N/A	P79205-00 60 P
Cover, Terminal Strip, Aft	N/A	P95213-00 P
Cover, Trim	94	H66615-14 61 P
Cover, Trim, LH	97	H95893-20 P
Cover, Trim, RH	99	H95893-21 P
Cover, Trim, Spar Box/Fuel Ln LH	N/A	P78132-00 62 P
Cover, Window Frame, Front LH	136	H78349-17 62 P
Cover, Window, RH	142	H79171-02 62 P
Cover, Window Trim Rear, RH	N/A	P78349-11 60 P

Notes:

1 Add -B for black or -W for white
39 PA-32-260 and PA-32-300 only
40 Includes all models except PA-32-260
41 PA-32-260, PA-32-300, and PA-32R-300 only
42 PA-32-260, PA-32-300, and PA-32RT-300 only
43 PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
44 PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300 only
45 PA-32-260, PA-32-300, PA-32R-300, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
46 PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
47 PA-32-300, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
48 PA-32-300, PA-32R-300, PA-32RT-300, and PA-32RT-300T only
49 PA-32-300, PA-32R-300, and PA-32RT-300T only
50 PA-32-300, PA-32R-300, -301, PA-32-301T, PA-32R-301, PA-32R-301T, and PA-32RT-300T only
51 PA-32R-300, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
52 PA-32-300, PA-32-301, 301T, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
53 PA-32-301T only
54 PA-32-301T, PA-32R-301, and PA-32R-301T only
55 PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
56 Includes all models except PA-32R-300
57 PA-32-301T, PA-32R-301, PA-32R-301T, PA-32RT-300, and PA-32RT-300T only
58 Add -S for standard seating and -C for club seating
59 PA-34-200 only
60 PA-34-200T only
61 PA-34-220T only
62 PA-34-200 and PA-34-200T only

Continued on next page

Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Piper Interior Plastic Trim continued from previous page

PA-34-200, PA-34-200T, PA-34-220T continued			
Description	**Fig**	**Part Number**	
Cover, Windshield Bow, Aft	N/A	P96046-00	59 P
Cover, Windshield Trim, LH	148	H63149-22	62 P
	150	H68688-04	62 P
Cover, Windshield Trim, RH	149	H63149-23	62 P
	151	H68688-05	62 P
Cover, Wing Bolt, LH	160	H63942-00	P
Cover, Wing Bolt, RH	161	H63942-01	P
Cup, Air Vent	101	H65735C	1 P
Deck, Electrical Equipment LH	N/A	P96463-00	P
Deck, Electrical Equipment RH	N/A	P96464-00	P
Door Assembly, Rear Bulkhead	167	P79445-00	1 P
Duct, Center Air	7	H69751-06	60 58 P
	8	H69991-02	63 P
Duct, Forward Air	43	H69749-04	60 P
	44	H69750-00	60 P
	45	H69990-02	63 P
Duct, Oxygen Gauge	113	H69991-07	63 P
Evaporator Filter	29	H99550-02	63 P
Fitting Assembly, Air	N/A	P78609-00	P
Grip, Handhold	55	H67235-00	59 P
Interconnect, Ventilation Bulk	166	P79192-00	62 P
Lens, Cabin Light	6	H12715-00	P
Lens, Cluster Assembly	13	H79381-00	60 P
Panel Assembly	105	H69746-13	62 P
	106	H69989-03	60 P
Panel, Baggage Cmpt, Lower LH	N/A	P96285-00	P
Panel, Baggage Cmpt, Upper LH	N/A	P96284-00	62 P
Panel, Baggage Cmpt, RH	N/A	P96803-00	62 P
Panel, Door Latch	22	H79542-05	1 60 P
Panel, Hydraulic Pump Protector	N/A	P96502-00	P
Panel, Overhead, Rear	N/A	P68445-02	59 P
Panel, Switch	128	H96954-03	62 P
Plate, Placard Engine Control	111	H95804-02	P
Seat Back, RH	121	H78041-08	1 62 P
Support, Compass	15	H69676-00	62 P

PA-38-112			
Description	**Fig**	**Part Number**	
Cover Assembly, Console, Forward	N/A	P77733-302	P
Cover Assembly, Trim Control Wheel	N/A	P77733-21	P
Cover, Control Quadrant	N/A	P77773-02	P
Cover-Seat Back Trim	N/A	P77752-02	P
Housing Assembly Compass	N/A	P77760-02	P
Panel Assembly, Trim, Lower Aft	N/A	P77725-21	P
Panel Assembly, Trim, Front Side LH	N/A	P77725-04	P
Panel Assembly, Trim, Front Side RH	N/A	P77725-03	P
Panel, Trim, Lower Door, LH	N/A	P77500-08	P
Panel, Trim, Upper Door	N/A	P77500-10	P
Panel, Trim, Upper Door Frame, LH	N/A	P77725-26	P
Panel, Trim, Tunnel Side, RH	N/A	P77766-05	P

Continued on next column

PA-44-180, PA-44-180T			
Description	**Fig**	**Part Number**	
Blade, Sun Visor	127	H65866-02	P
Cap, Assist Strap	3	H79456-00	P
Compass Housing Assembly	14	H79600-00	P
Console, Overhead	19	H99500-06	P
Cover, Window Frame Front LH	88	H86733-06	P
Cover, Door Trim, Upper	20	H79542-04	P
Cover, Drain	23	H35507-02	P
Cover, Elt Switch	25	H79463	P
Cover, Engine Control	28	H95808-08	P
Cover, Exhaust Vent	133	H99252-10	64 P
Cover, Instrument Panel, Lower, LH	68	H86740-02	P
Cover, Instrument Panel, Lower RH	77	H86741-03	P
Cover, Instrument Panel, Upper RH	86	H99959-05	P
Cover, Instrument Panel, Upper, LH	80	H36567-05	P
	83	H79044-06	P
Cover, Radio Cooling	114	H79404-00	P
Cover, Rudder Pedal Stop Brack	165	P78735-02	P
Cover, Seat Back	120	H78041	1 P
Cover, Shoulder Harness, LH	122	H78054-02	64 P
Cover, Shoulder Harness, RH	123	H99801-02	64 P
Cover, Shoulder Hrns, Rear,LH	169	P99920-02	P
Cover, Shoulder Hrns, Rear, RH	170	P99920-03	P
Cover, Trim	96	H86781-02	P
Cover, Trim, LH	97	H86775-04H	P
Cover, Trim, RH	99	H86775-05H	P
Cover, Window Frame, Center LH	N/A	P86733-04	P
Cover, Windshield Bow, Upper, LH	146	H63149-20	P
Cover, Windshield Bow, Upper, RH	147	H63149-21	P
Cover, Wing Bolt, LH	160	H63942-00	P
Cover, Wing Bolt, RH	161	H63942-01	P
Cup, Air Vent	101	H65735C	1 P
Door Assembly, Rear Bulkhead	167	P79445-00	1 P
Duct, Bulkhead Vent	131	H76305-00	P
Duct, Center Vent	9	H76307-00	65 P
	9	H76307-07	65 P
Duct, Fresh Air	46	H76494-02	P
	47	H76494-04	P
Interconnect, Ventilation Bulk	166	P79192-00	64 P
Lens, Cabin Light	6	H12715-00	P
Lens, Cluster Assembly	13	H79381-00	P
Plate, Placard Engine Control	111	H95804-02	P
Trim, Windshield	159	H67556-04	P

Notes:

1 Add -B for black or -W for white
58 Add -S for standard seating and -C for club seating
59 PA-34-200 only
60 PA-34-200T only
61 PA-34-220T only
62 PA-34-200 and PA-34-200T only
63 Models PA-34-200T and PA-34-220T only
64 Model PA-44-180 only
65 P/N H76307-00 w/o recess, P/N H76307-07 w/recess

Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts

Piper Interior Plastic images continue on next page

Photos are not to scale or relative to each other

1



H65238-10
Armrest LH

2



H65238-11
Armrest RH

3



H79456-00
Cap, Assist Strap

4



H35201-00
Battery Box Cover

5



H35498-00
Flange, Bulkhead

6



H12715-00
Cabin Light Lens

7



H69751-06
Center Air Duct

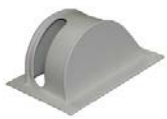
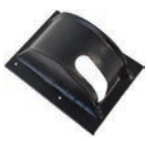
8



H69991-02
Center Air Duct

Piper Interior Plastic Trim continued from previous page

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9  **H76307-00** Duct, Center Vent	**10**  **H79855-02** Duct, Center Vent w/o Recess	**11**  **H99541-00** Duct, Center Vent w/o Recess	**12**  **H99541-02** Duct, Center Vent w/ Recess	**13**  **H79381-00** Cluster Assy Lens	**14**  **H79600-00** Compass Housing Assy	**15**  **H69676-00** Compass Support	**16**  **H67330-10** Console Cover
17  **P99920-03** Shoulder Harness Cover Rear RH	**18**  **H76496-02** Console, Overhead	**19**  **H99500-06** Console, Overhead	**20** **H79542-04** Cover, Trim, Upper	**21**  **H79542-16** Cover, Trim, Upper	**22**  **H79542-05** Panel, Latch	**23**  **H35507-02** Drain Cover	**24**  **H65461-19** Cover Quick Drain
25  **H79463** ELT Swtich Cover	**26**  **H67232-40-41** Engine Cover	**27**  **H69344-28** Engine Cover	**28**  **H95808-08** Engine Cover	**29**  **H99550-02** Evaporator Filter	**30**  **H99550-03** Evaporator Filter	**31**  **60-65224-80A** Flap Handle Cover	**32**  **60-67785-17-80A** Flap Handle Cover
33  **60-69596-80A** Flap Handle Cover	**34**  **H38178-02** Flap Handle Cover	**35**  **H65224-07** Flap Handle Cover	**36**  **H67593-09** Flap Handle Cover	**37**  **H67785-17** Flap Handle Cover	**38**  **H67917-06** Flap Handle Cover	**39**  **H69596-14** Flap Handle Cover	**40**  **H96555-07** Forward Air Cover
41  **H62827-07** Shield, Cover	**42**  **H65672-05** Shield, Cover	**43**  **H69749-04** Fresh Air Duct	**44**  **H69750-00** Fresh Air Duct	**45**  **H69990-02** Fresh Air Duct	**46**  **H76494-02** Fresh Air Duct	**47**  **H76494-04** Fresh Air Duct	**48**  **H79186-08** Fresh Air Duct
49 **H35773-02** Fuel Selector Cover	**50** **H69652-12** Fuel Selector Cover	**51** **H78320-13** Fuel Selector Cover	**52** **H99635-09** Fuel Selector Cover	**53** **H69330-04** Glove Box Cover	**54** **H20596-00** Glove Box Cover	**55** **H67235-00** Handhold Grip	**56** **H36511** Heat Duct
57 **H65891** Panel Cover	**58** **H67228-04** Panel Cover, LH	**59** **H67228-09** Panel Cover, LH	**60** **H69338-02** Panel Cover, LH	**61** **H95919-00** Panel Cover, LH	**62** **H67229-06** Panel Cover, RH	**63** **H69831-05** Panel Cover, RH	**64** **H95920-00** Panel Cover, RH
65 **H37369-00** Panel Cover, Lower LH	**66** **H69817-00** Panel Cover, Lower LH	**67** **H69817-03** Panel Cover, Lower LH	**68** **H86740-02** Panel Cover, Lower LH	**69** **H66918-16** Panel Cover, Lower LH	**70** **H66918-18** Panel Cover, Lower LH	**71** **H66918-20** Panel Cover, Lower LH	**72** **H66983-12** Panel Cover, Lower LH

Piper Interior Plastic Trim continued from previous page

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73

H67920-14
Panel Cover, Lower LH

74

H37371-00
Panel Cover, Lower RH

75

H69901-02
Panel Cover, Lower RH

76

H79527-02
Panel Cover, Lower RH

77

H86741-03
Panel Cover, Lower RH

78

H95284-08
Panel Cover, Lower RH

79

H67227-12
Panel Cover, Upper

80

H36567-05
Panel Cover, Upper LH

81

H69661-00
Panel Cover, Upper LH

82

H69816-03
Panel Cover, Upper LH

83

H79044-06
Panel Cover, Upper LH

84

H69659-00
Panel Cover, Upper RH

85

H99959-04
Panel Cover, Upper RH

86

H99959-05
Panel Cover, Upper RH

87

H96730-00
Cover, Mag Switch

88

H86733-06
Window Frame Front Cover LH

89

H36551-03
Cover, Aft Trim

90

H36551-02
Cover, Forward Trim

91

H67313-02
Cover, LH

92

H67314-02
Cover, RH

93

H65674-15
Cover, Trim

94

H66615-14
Cover, Trim

95

H86781-02
Cover, Trim

96

H86775-04H
Cover, Trim LH

97

H95893-20
Cover, Trim LH

98

H86775-05H
Cover, Trim RH

99

H95893-21
Cover, Trim RH

100

H68736-00
Cup

101

H65735C
Cup

102

H65735F
Air Vent Flange

103

H63428-06
Panel Assembly

104

H63428-09
Panel Assembly

105

H69746-13
Panel Assembly

106

H69989-03
Panel Assembly

107

H99222-04
Panel Assembly

108

H65846-00
Placard, Plate Engine

109

H69669-44
Plate

110

H69669-45
Plate

111

H95804-02
Plate

112

60-18
Trim, Floor

113

H69991-07
Oxygen Duct

114

H79404-00
Cover, Radio Cooling

115

H63295-05
Rudder Trim Cover

116

H68091-14
Channel, Trim, Center LH

117

H68091-15
Channel, Trim, Center RH

118

H68090-16
Channel, Trim, Rear LH

119

H68090-17
Channel, Trim, Rear RH

120

H78041
Cover, Seat Back

121

H78041-08
Seat Back, RH

122

H78054-02
Shoulder Harness Cover, LH

123

H99801-02
Shoulder Harness Cover, RH

124

H67762-13
Inertia Reel, RH

125

H67762-12
Inertia Reel, RH

126

H65866-00
Sun Visor Blade

127

H65866-02
Sun Visor Blade

128

H96954-03
Panel, Switch

129

H69976-03
Switch Plate Cover

130

H79182-02
Switch Plate Cover

131

H76305-00
Bulkhead Vent Duct

132

H76308-00
Bulkhead Vent Duct

133

H99252-10
Exhaust Vent Cover

134

H79171-11
Window Cover, Frame Center LH

135

H79171-08
Window Cover, Frame Center RH

136

H78349-17
Window Cover, Frame Front LH

Piper Interior Plastic Trim continued from previous page

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137

H79171-14
Window Cover, Frame Front LH

138

H79171-10
Window Cover, Frame Rear LH

139

H79171-09
Window Cover, Frame Rear RH

140

H67311-02
Window Cover, Rear LH

141

H67312-02
Window Cover, Rear RH

142

H79171-02
Window Cover, RH

143

H63125-04
Window Trim Strip, Post LH

144

H63126-0[illegible]
Window Trim Strip, Post RH

145

H79171-13
Windshield Cover, Bow Lower RH

146

H63149-20
Windshield Cover, Bow Upper LH

147

H63149-21
Windshield Cover, Bow Upper RH

148

H63149-22
Windshield Cover, Trim LH

149

H63149-23
Windshield Cover, Trim RH

150

H68688-04
Windshield Cover, Trim LH

151

H68688-05
Windshield Cover, Trim RH

152

H63149-12
Windshield Cover, Upper LH

153

H63149-16
Windshield Cover, Upper LH

154

H63149-13
Windshield Cover, Upper RH

155

H63149-17
Windshield Cover, Upper RH

156

H63149-14
Windshield Trim Strip LH

157

H63149-15
Windshield Trim Strip RH

158

P23308-06
Molding, Front Window RH

159

H67556-04
Windshield Trim

160

H63942-00
Windshield Cover, LH

161

H63942-01
Wing Bolt Cover, RH

162

P23314-0[illegible]
Molding Cabin Door Window

163

P68732-02
Windshield Bow Cover Aft

164

P69859-07
Cargo Door Cover, Upper

165

P78735-02
Rudder Pedal Stop Cover

166

P79192-00
Interconnect Vent Bulkhead

167

P79445-00
Door Assy, Rear Bulkhead

168

P99904-05
Window Frame Cover Cntr LH

169

P99920-02
Shoulder Harness Cover Rear LH

Manufacturer/Material: P Premier Aerospace Services & Technology/PVC/Acrylic T Texas Aeroplastics/ABS Plastic Parts
Color Options: All parts marked with note 1 are available in either black or white. Add -B for black or -W for white.

Mooney Interior Plastic Trim

M20C,D,E,F,G
S/N All

Description	Part Number
Console Assembly, Headliner	P130160 6 P
Cover Assembly, Circuit Breaker	P820061-503 4 P
	P820061-509 5 P
Cover Assembly, Hat Rack	P130087 3 P
Cover Assembly, Nose Wheel	P130103 1 P
Cover Assembly, Front Lower	P130103-9 1 P
Cover, Hat Rack Strip	P130062-501 3 P
Cover, RH, Black	P130103-15 3 P
Cover, Vent Outlet	P640042-03 1 P
Door Assy	P820024-17 6 P
Headliner, Hat Rack	P130079-55 3 P
	P130187 6 P
Molding, Footwell LH	P130105-02 2 P
Molding, Footwell RH	P130105-01 2 P
Molding, Window, Rear RH	P130079-35 1 P
Molding, Windshield, RH	P130099-501 7 P
Panel Assembly, Baggage Comp.	P130165 6 P
Panel Assembly, Front LH	P130158-25 6 P
Panel Assembly, Hat Rack, Aft	P130117 3 P

Continued on next column



M20C,D,E,F,G continued
S/N All

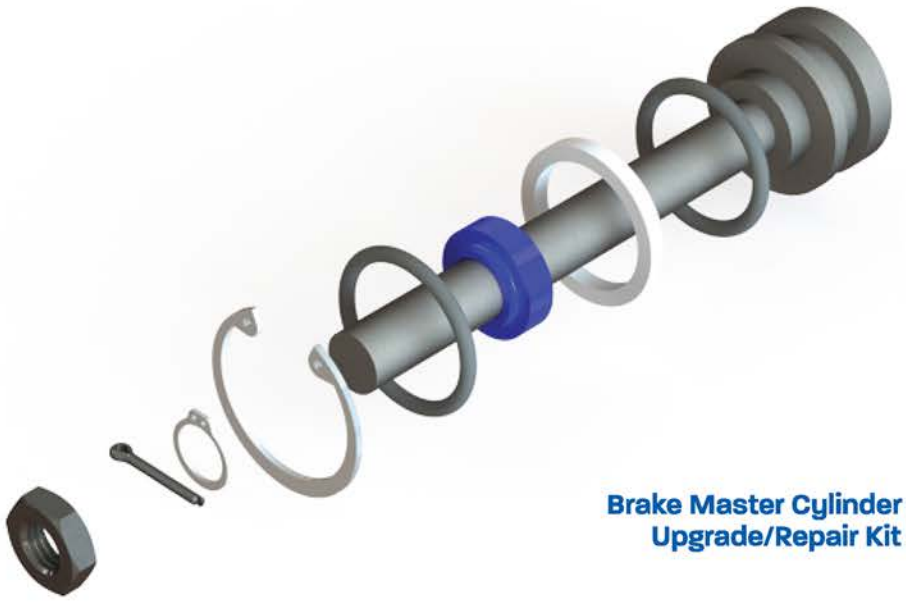
Description	Part Number
Panel Assembly, Rear LH	P130158-17 6 P
Panel Assembly, Rear RH	P130158-21 6 P
Panel, Armrest, RH	P130079-33 1 P
Panel Baggage Comp., Rear	P130090 2 P
Panel, Fuel Selector Valve	P610035-501 1 P
	P610035-03 1 P
Trim Strip	P130079-29 1 P

Notes:

1 Models C,D,E only
2 Models C,D,E,F only
3 Models C,E only
4 Model E only
5 Models E,F only
6 Model F only
7 Models F,G only

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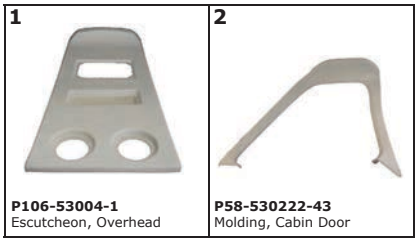


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More photos coming soon!

1900
S/N UA-2 thru UA-3

Description	Fig	Part Number
Cover	N/A	P114-361043-3
Cover Assembly, Electric	N/A	P114-361055-5
Door, Oxygen	N/A	P114-530057-5
Escutcheon, Glareshield, LH	N/A	P101-530461-1
Escutcheon, Upper Aft	N/A	P114-530085-8
Moisture Shield	N/A	P114-320066-3

1900C
S/N UB-1 thru UB-74, UC-1 thru UC-174, (C-12J) UD-1 thru UD-6

Description	Fig	Part Number
Cover	N/A	P114-530031-197
Cover	N/A	P114-361043-3
Cover	N/A	P129-530066-11
Cover	N/A	P129-530066-11
Cover	N/A	P129-530114-15
Cover Assembly, Electric	N/A	P114-361055-5
Door, Oxygen	N/A	P114-530057-5
Escutcheon, Ash Tray	N/A	P101-530156-19
Escutcheon, Glareshield, LH	N/A	P101-530461-1
Escutcheon, Upper Aft	N/A	P114-530085-8
Escutcheon, Upper Forward	N/A	P114-530085-7
Moisture Shield	N/A	P114-320066-3
Panel, Lower, LH	N/A	P129-530104-19

1900D
S/N UE-1 thru UE-439

Description	Fig	Part Number
Cover	N/A	P114-361043-3
Cover	N/A	P129-530066-31
Cover	N/A	P129-530072-5
Cover, Cap Strip Intersection	N/A	P129-530071-5
Cover, Door Handle	N/A	P129-530038-17
Cover, Forward	N/A	P129-530038-13
Cover, Forward Cable	N/A	P129-530066-37
Escutcheon, Glareshield, LH	N/A	P101-530461-1
Moisture Shield	N/A	P114-320066-3

58
S/N TH-1 thru TH-2124

Description	Fig	Part Number
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Armrest, Co-Pilot	N/A	P106-530079-6
Escutcheon, Inertia Reel	N/A	P106-530074-1
Escutcheon, Overhead	1	P106-530042-1

Continued on next column

58 continued
S/N TH-1 thru TH-2124

Description	Fig	Part Number
Molding, Cabin Door	2	P58-530222-43 1
Molding, Cabin Door	N/A	P106-530075-3
Molding, Window, Forward, LH	N/A	P106-530065-21
Molding, Window, Forward, RH	N/A	P106-530065-245 1
Molding, Window, Utility Door	N/A	P106-530065-47
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9

60
S/N P-4 thru P-126 Except P-123

Description	Fig	Part Number
ESCUTCHEON, Armrest, LH	N/A	P60-530381-1-LB
ESCUTCHEON, Armrest, RH	N/A	P60-530381-2-LB

95-55, 95-A55

Description	Fig	Part Number
Molding, Window, Aft, LH	N/A	P96-430010-71-LB
Molding, Window, Aft, RH	N/A	P96-430010-72-LB

95-B55

Description	Fig	Part Number
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Inertia Reel	N/A	P106-530074-1
Escutcheon, Overhead	N/A	P106-530050-1-LB
Molding, Cabin Door, Upper	1	P106-530042-1
Molding, Window, Aft, LH	N/A	P96-430010-71-LB
Molding, Window, Aft, RH	N/A	P96-430010-2-LB
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9

95-C55

Description	Fig	Part Number
Molding, Window, Aft, LH	N/A	P96-430010-71
Molding, Window, Aft, RH	N/A	P96-430010-72

A36, A36TC

Description	Fig	Part Number
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Armrest, Co-Pilot	N/A	P106-530079-6
Escutcheon, Inertia Reel	N/A	P106-530074-1
Escutcheon, Overhead	1	P106-530042-1
Molding, Cabin Door	2	P58-530222-43
Molding, Cabin Door	N/A	P106-530075-3
Molding, Window, Forward, LH	N/A	P106-530065-21

Notes:
1 Add -LB for light beige or -LG for light gray

Continued on next page

Manufacturer/Material: P Premier Aerospace Services and Technology/PVC/Acrylic
*Unless otherwise noted, parts are light beige.

A36, A36TC continued		
Description	**Fig**	**Part Number**
Molding, Window, Forward, RH	N/A	P106-530065-245 [1]
Molding, Window, Utility Door	N/A	P106-530065-47
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9
56TC S/N TG-2 thru TG-83		
Description	**Fig**	**Part Number**
Molding, Window, Aft, LH	N/A	P96-430010-71-LB
Molding, Window, Aft, RH	N/A	P96-430010-72-LB
A56TC		
Description	**Fig**	**Part Number**
Molding, Window, Aft, LH	N/A	P96-430010-71
Molding, Window, Aft, RH	N/A	P96-430010-72
B36TC		
Description	**Fig**	**Part Number**
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Armrest, Co-Pilot	N/A	P106-530079-6
Escutcheon, Inertia Reel	N/A	P106-530074-1
Escutcheon, Overhead	1	P106-530042-1
Molding, Cabin Door	2	P58-530222-43 [1]
Molding, Cabin Door	N/A	P106-530075-3
Molding, Window, Forward, LH	N/A	P106-530065-21
Molding, Window, Forward, RH	N/A	P106-530065-245 [1]
Molding, Window, Utility Door	N/A	P106-530065-47
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9

Continued on next column

D55		
Description	**Fig**	**Part Number**
Molding, Window, Aft, LH	N/A	P96-430010-71
Molding, Window, Aft, RH	N/A	P96-430010-72
E55		
Description	**Fig**	**Part Number**
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Inertia Reel	N/A	P106-530074-1
Escutcheon, Overhead	1	P106-530042-1
Molding, Cabin Door, Upper	N/A	P106-530075-3
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9
G36, G58		
Description	**Fig**	**Part Number**
Cover, Escape Hatch	N/A	P106-530050-1
Escutcheon, Armrest, Co-Pilot	N/A	P106-530079-6
Escutcheon, Inertia Reel	N/A	P106-530074-1
Molding, Cabin Door	2	P58-530222-43 [1]
Molding, Cabin Door	N/A	P106-530075-3
Molding, Window, Forward, LH	N/A	P106-530065-21
Molding, Window, Forward, RH	N/A	P106-530065-245 [1]
Molding, Window, Utility Door	N/A	P106-530065-47
Molding, Windshield, Upper	N/A	P58-530165-7
Panel	N/A	P106-530035-9

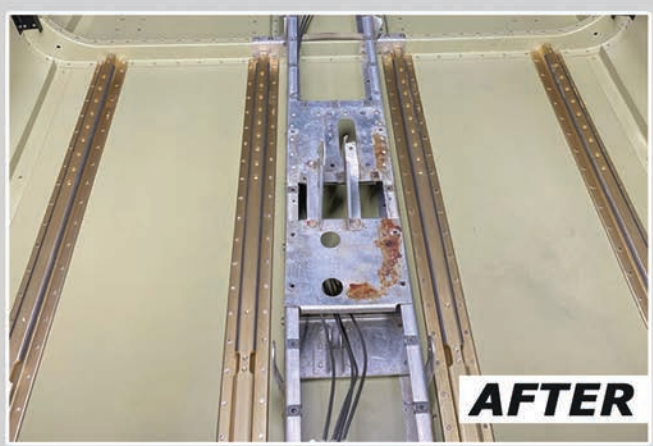
Notes:
[1] Add -LB for light beige or -LG for light gray

Manufacturer/Material: [P] Premier Aerospace Services and Technology/PVC/Acrylic
*Unless otherwise noted, parts are light beige.



Need to replace your seat rails?

Piper Cherokee 180
New McFarlane Seat Rails



Our seat rails are anodized for superior ***corrosion protection!***

See Cargo and Seat Components for all PMA approvals. We also offer ***custom*** *seat rails!*



Airfasco Hardware

In stock and ready to ship!

AN3 - AN20 Bolts

Quantity discounts available

AN Bolts

Manufactured by Airfasco

For all AN3 through AN20 options, see table and key for hardware that McFarlane carries. Use the key for help with selection of part numbers.

- No "A" = Drilled Shank (AN3-3)
- A = Undrilled Shank (AN3-3A)
- H = Drilled Head (AN3H3)
- C = Stainless Steel (AN3C5)



NEW

Partial P/N	Wrench Size (in.)
AN3	3/8"
AN4	7/16"
AN5	1/2"
AN6	9/16"

AN3

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN3-3	10-32 UNF-3A	0.186	0.189	0.469	0.063	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H3	10-32 UNF-3A	0.186	0.189	0.469	0.063	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3-3A	10-32 UNF-3A	0.186	0.189	0.469	0.063	0.406	None	Alloy	4037 or 8740	C
AN3-C3A	10-32 UNF-3A	0.186	0.189	0.469	0.063	0.406	None	Stainless	431	P
AN3-4	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H4	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3H4A	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-4A	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	None	Alloy	4037 or 8740	C
AN3C4	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	Drilled Shank	Stainless	431	P
AN3CH4A	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	Drilled Head	Stainless	431	P
AN3-C4A	10-32 UNF-3A	0.186	0.189	0.531	0.125	0.406	None	Stainless	431	P
AN3-5	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H5	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3H5A	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3C5	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	Drilled Shank	Stainless	431	P
AN3-5A	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	None	Alloy	4037 or 8740	C
AN3CH5A	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	Drilled Head	Stainless	431	P
AN3-C5A	10-32 UNF-3A	0.186	0.189	0.656	0.250	0.406	None	Stainless	431	P
AN3-6	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H6	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3H6A	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-6A	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	None	Alloy	4037 or 8740	C
AN3C6	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	Drilled Shank	Stainless	431	P
AN3CH6A	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	Drilled Head	Stainless	431	P
AN3C6A	10-32 UNF-3A	0.186	0.189	0.781	0.375	0.406	None	Stainless	431	P
AN3-7	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H7	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3H7A	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-7A	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	None	Alloy	4037 or 8740	C
AN3C7	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	Drilled Shank	Stainless	431	P
AN3C7A	10-32 UNF-3A	0.186	0.189	0.906	0.500	0.406	None	Stainless	431	P
AN3-10	10-32 UNF-3A	0.186	0.189	1.031	0.625	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H10	10-32 UNF-3A	0.186	0.189	1.031	0.625	0.406	Drilled Shank & Head	Alloy	4037 or 8740	C
AN3H10A	10-32 UNF-3A	0.186	0.189	1.031	0.625	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-10A	10-32 UNF-3A	0.186	0.189	1.031	0.625	0.406	None	Alloy	4037 or 8740	C
AN3C10A	10-32 UNF-3A	0.186	0.189	1.031	0.625	0.406	None	Stainless	431	P
AN3-11	10-32 UNF-3A	0.186	0.189	1.156	0.750	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H11A	10-32 UNF-3A	0.186	0.189	1.156	0.750	0.406	Drilled Head	Alloy	4037 or 8740	C

Continued on next page

Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

AN Bolts continued from previous page

AN3 continued

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN3-12	10-32 UNF-3A	0.186	0.189	1.281	0.875	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H12A	10-32 UNF-3A	0.186	0.189	1.281	0.875	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-12A	10-32 UNF-3A	0.186	0.189	1.281	0.875	0.406	None	Alloy	4037 or 8740	C
AN3-13	10-32 UNF-3A	0.186	0.189	1.406	1.000	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H13A	10-32 UNF-3A	0.186	0.189	1.406	1.000	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-13A	10-32 UNF-3A	0.186	0.189	1.406	1.000	0.406	None	Alloy	4037 or 8740	C
AN3-14	10-32 UNF-3A	0.186	0.189	1.531	1.125	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H14A	10-32 UNF-3A	0.186	0.189	1.531	1.125	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-14A	10-32 UNF-3A	0.186	0.189	1.531	1.125	0.406	None	Alloy	4037 or 8740	C
AN3-15	10-32 UNF-3A	0.186	0.189	1.656	1.250	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-16	10-32 UNF-3A	0.186	0.189	1.781	1.375	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-16A	10-32 UNF-3A	0.186	0.189	1.781	1.375	0.406	None	Alloy	4037 or 8740	C
AN3-17	10-32 UNF-3A	0.186	0.189	1.906	1.500	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-17A	10-32 UNF-3A	0.186	0.189	1.906	1.500	0.406	None	Alloy	4037 or 8740	C
AN3-20	10-32 UNF-3A	0.186	0.189	2.031	1.625	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-20A	10-32 UNF-3A	0.186	0.189	2.031	1.625	0.406	None	Alloy	4037 or 8740	C
AN3-21	10-32 UNF-3A	0.186	0.189	2.156	1.750	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-21A	10-32 UNF-3A	0.186	0.189	2.156	1.750	0.406	None	Alloy	4037 or 8740	C
AN3-22	10-32 UNF-3A	0.186	0.189	2.281	1.875	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-22A	10-32 UNF-3A	0.186	0.189	2.281	1.875	0.406	None	Alloy	4037 or 8740	C
AN3-23	10-32 UNF-3A	0.186	0.189	2.406	2.000	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-23A	10-32 UNF-3A	0.186	0.189	2.406	2.000	0.406	None	Alloy	4037 or 8740	C
AN3-24	10-32 UNF-3A	0.186	0.189	2.531	2.125	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-24A	10-32 UNF-3A	0.186	0.189	2.531	2.125	0.406	None	Alloy	4037 or 8740	C
AN3-25	10-32 UNF-3A	0.186	0.189	2.656	2.250	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-25A	10-32 UNF-3A	0.186	0.189	2.656	2.250	0.406	None	Alloy	4037 or 8740	C
AN3-26	10-32 UNF-3A	0.186	0.189	2.781	2.375	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-26A	10-32 UNF-3A	0.186	0.189	2.781	2.375	0.406	None	Alloy	4037 or 8740	C
AN3-27	10-32 UNF-3A	0.186	0.189	2.906	2.500	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-27A	10-32 UNF-3A	0.186	0.189	2.906	2.500	0.406	None	Alloy	4037 or 8740	C
AN3-30	10-32 UNF-3A	0.186	0.189	3.031	2.625	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3H30A	10-32 UNF-3A	0.186	0.189	3.031	2.625	0.406	Drilled Head	Alloy	4037 or 8740	C
AN3-30A	10-32 UNF-3A	0.186	0.189	3.031	2.625	0.406	None	Alloy	4037 or 8740	C
AN3-31	10-32 UNF-3A	0.186	0.189	3.156	2.750	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-31A	10-32 UNF-3A	0.186	0.189	3.156	2.750	0.406	None	Alloy	4037 or 8740	C
AN3-32	10-32 UNF-3A	0.186	0.189	3.281	2.875	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-32A	10-32 UNF-3A	0.186	0.189	3.281	2.875	0.406	None	Alloy	4037 or 8740	C
AN3-33	10-32 UNF-3A	0.186	0.189	3.406	3.000	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-33A	10-32 UNF-3A	0.186	0.189	3.406	3.000	0.406	None	Alloy	4037 or 8740	C
AN3-34	10-32 UNF-3A	0.186	0.189	3.531	3.125	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-34A	10-32 UNF-3A	0.186	0.189	3.531	3.125	0.406	None	Alloy	4037 or 8740	C
AN3-35	10-32 UNF-3A	0.186	0.189	3.656	3.250	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-35A	10-32 UNF-3A	0.186	0.189	3.656	3.250	0.406	None	Alloy	4037 or 8740	C
AN3-36A	10-32 UNF-3A	0.186	0.189	3.781	3.375	0.406	None	Alloy	4037 or 8740	C
AN3-37	10-32 UNF-3A	0.186	0.189	3.906	3.500	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-37A	10-32 UNF-3A	0.186	0.189	3.906	3.500	0.406	None	Alloy	4037 or 8740	C
AN3-40	10-32 UNF-3A	0.186	0.189	4.031	3.625	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-40A	10-32 UNF-3A	0.186	0.189	4.031	3.625	0.406	None	Alloy	4037 or 8740	C
AN3-41	10-32 UNF-3A	0.186	0.189	4.156	3.750	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-41A	10-32 UNF-3A	0.186	0.189	4.156	3.750	0.406	None	Alloy	4037 or 8740	C
AN3-42	10-32 UNF-3A	0.186	0.189	4.281	3.875	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN3-42A	10-32 UNF-3A	0.186	0.189	4.281	3.875	0.406	None	Alloy	4037 or 8740	C
AN3-43A	10-32 UNF-3A	0.186	0.189	4.406	4.000	0.406	None	Alloy	4037 or 8740	C

AN4

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN4-3	1/4-28 UNF-3A	0.249	0.246	0.469	0.063	0.406	Drilled Shank	Alloy	4037 or 8740	C
AN4H3A	1/4-28 UNF-3A	0.249	0.246	0.469	0.063	0.406	Drilled Head	Alloy	4037 or 8740	C
AN4-3A	1/4-28 UNF-3A	0.249	0.246	0.469	0.063	0.406	None	Alloy	4037 or 8740	C
AN4-4	1/4-28 UNF-3A	0.249	0.246	0.531	0.063	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H4A	1/4-28 UNF-3A	0.249	0.246	0.531	0.063	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-4A	1/4-28 UNF-3A	0.249	0.246	0.531	0.063	0.468	None	Alloy	4037 or 8740	C
AN4-5	1/4-28 UNF-3A	0.249	0.246	0.656	0.188	0.468	Drilled Shank	Alloy	4037 or 8740	C

Continued on next page

Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

AN Bolts continued from previous page

AN4 continued

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN4H5A	1/4-28 UNF-3A	0.249	0.246	0.656	0.188	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-5A	1/4-28 UNF-3A	0.249	0.246	0.656	0.188	0.468	None	Alloy	4037 or 8740	C
AN4-6	1/4-28 UNF-3A	0.249	0.246	0.781	0.313	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H6A	1/4-28 UNF-3A	0.249	0.246	0.781	0.313	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-6A	1/4-28 UNF-3A	0.249	0.246	0.781	0.313	0.468	None	Alloy	4037 or 8740	C
AN4-7	1/4-28 UNF-3A	0.249	0.246	0.906	0.438	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H7A	1/4-28 UNF-3A	0.249	0.246	0.906	0.438	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-7A	1/4-28 UNF-3A	0.249	0.246	0.906	0.438	0.468	None	Alloy	4037 or 8740	C
AN4-10	1/4-28 UNF-3A	0.249	0.246	1.031	0.563	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H10A	1/4-28 UNF-3A	0.249	0.246	1.031	0.563	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-11	1/4-28 UNF-3A	0.249	0.246	1.156	0.688	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H11A	1/4-28 UNF-3A	0.249	0.246	1.156	0.688	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-11A	1/4-28 UNF-3A	0.249	0.246	1.156	0.688	0.468	None	Alloy	4037 or 8740	C
AN4-12	1/4-28 UNF-3A	0.249	0.246	1.281	0.813	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H12A	1/4-28 UNF-3A	0.249	0.246	1.281	0.813	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-12A	1/4-28 UNF-3A	0.249	0.246	1.281	0.813	0.468	None	Alloy	4037 or 8740	C
AN4-13	1/4-28 UNF-3A	0.249	0.246	1.406	0.938	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H13A	1/4-28 UNF-3A	0.249	0.246	1.406	0.938	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-13A	1/4-28 UNF-3A	0.249	0.246	1.406	0.938	0.468	None	Alloy	4037 or 8740	C
AN4-14	1/4-28 UNF-3A	0.249	0.246	1.531	1.063	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H14A	1/4-28 UNF-3A	0.249	0.246	1.531	1.063	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-14A	1/4-28 UNF-3A	0.249	0.246	1.531	1.063	0.468	None	Alloy	4037 or 8740	C
AN4-15	1/4-28 UNF-3A	0.249	0.246	1.656	1.188	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H15A	1/4-28 UNF-3A	0.249	0.246	1.656	1.188	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-15A	1/4-28 UNF-3A	0.249	0.246	1.656	1.188	0.468	None	Alloy	4037 or 8740	C
AN4-16	1/4-28 UNF-3A	0.249	0.246	1.781	1.313	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H16A	1/4-28 UNF-3A	0.249	0.246	1.781	1.313	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-16A	1/4-28 UNF-3A	0.249	0.246	1.781	1.313	0.468	None	Alloy	4037 or 8740	C
AN4-17	1/4-28 UNF-3A	0.249	0.246	1.906	1.438	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H17A	1/4-28 UNF-3A	0.249	0.246	1.906	1.438	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-17A	1/4-28 UNF-3A	0.249	0.246	1.906	1.438	0.468	None	Alloy	4037 or 8740	C
AN4-20	1/4-28 UNF-3A	0.249	0.246	2.031	1.563	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H20A	1/4-28 UNF-3A	0.249	0.246	2.031	1.563	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-20A	1/4-28 UNF-3A	0.249	0.246	2.031	1.563	0.468	None	Alloy	4037 or 8740	C
AN4-21	1/4-28 UNF-3A	0.249	0.246	2.156	1.688	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H21A	1/4-28 UNF-3A	0.249	0.246	2.156	1.688	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-21A	1/4-28 UNF-3A	0.249	0.246	2.156	1.688	0.468	None	Alloy	4037 or 8740	C
AN4-22	1/4-28 UNF-3A	0.249	0.246	2.281	1.813	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H22A	1/4-28 UNF-3A	0.249	0.246	2.281	1.813	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-22A	1/4-28 UNF-3A	0.249	0.246	2.281	1.813	0.468	None	Alloy	4037 or 8740	C
AN4-23	1/4-28 UNF-3A	0.249	0.246	2.406	1.938	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H23A	1/4-28 UNF-3A	0.249	0.246	2.406	1.938	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-23A	1/4-28 UNF-3A	0.249	0.246	2.406	1.938	0.468	None	Alloy	4037 or 8740	C
AN4-24	1/4-28 UNF-3A	0.249	0.246	2.531	2.063	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H24A	1/4-28 UNF-3A	0.249	0.246	2.531	2.063	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-24A	1/4-28 UNF-3A	0.249	0.246	2.531	2.063	0.468	None	Alloy	4037 or 8740	C
AN4-25	1/4-28 UNF-3A	0.249	0.246	2.656	2.188	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H25A	1/4-28 UNF-3A	0.249	0.246	2.656	2.188	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-25A	1/4-28 UNF-3A	0.249	0.246	2.656	2.188	0.468	None	Alloy	4037 or 8740	C
AN4-26	1/4-28 UNF-3A	0.249	0.246	2.781	2.313	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H26A	1/4-28 UNF-3A	0.249	0.246	2.781	2.313	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-26A	1/4-28 UNF-3A	0.249	0.246	2.781	2.313	0.468	None	Alloy	4037 or 8740	C
AN4-27	1/4-28 UNF-3A	0.249	0.246	2.906	2.438	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H27A	1/4-28 UNF-3A	0.249	0.246	2.906	2.438	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-27A	1/4-28 UNF-3A	0.249	0.246	2.906	2.438	0.468	None	Alloy	4037 or 8740	C
AN4-30	1/4-28 UNF-3A	0.249	0.246	3.031	2.563	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H30A	1/4-28 UNF-3A	0.249	0.246	3.031	2.563	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-30A	1/4-28 UNF-3A	0.249	0.246	3.031	2.563	0.468	None	Alloy	4037 or 8740	C
AN4H31A	1/4-28 UNF-3A	0.249	0.246	3.156	2.688	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-31A	1/4-28 UNF-3A	0.249	0.246	3.156	2.688	0.468	None	Alloy	4037 or 8740	C
AN4-32	1/4-28 UNF-3A	0.249	0.246	3.281	2.813	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H32A	1/4-28 UNF-3A	0.249	0.246	3.281	2.813	0.468	Drilled Head	Alloy	4037 or 8740	C

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Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

AN Bolts continued from previous page

AN4 continued

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN4-32A	1/4-28 UNF-3A	0.249	0.246	3.281	2.813	0.468	None	Alloy	4037 or 8740	C
AN4-33	1/4-28 UNF-3A	0.249	0.246	3.406	2.938	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-33A	1/4-28 UNF-3A	0.249	0.246	3.406	2.938	0.468	None	Alloy	4037 or 8740	C
AN4-34	1/4-28 UNF-3A	0.249	0.246	3.531	3.063	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-34A	1/4-28 UNF-3A	0.249	0.246	3.531	3.063	0.468	None	Alloy	4037 or 8740	C
AN4-35	1/4-28 UNF-3A	0.249	0.246	3.656	3.188	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4H35A	1/4-28 UNF-3A	0.249	0.246	3.656	3.188	0.468	Drilled Head	Alloy	4037 or 8740	C
AN4-35A	1/4-28 UNF-3A	0.249	0.246	3.656	3.188	0.468	None	Alloy	4037 or 8740	C
AN4-36	1/4-28 UNF-3A	0.249	0.246	3.781	3.313	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-36A	1/4-28 UNF-3A	0.249	0.246	3.781	3.313	0.468	None	Alloy	4037 or 8740	C
AN4-37	1/4-28 UNF-3A	0.249	0.246	3.906	3.438	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-37A	1/4-28 UNF-3A	0.249	0.246	3.906	3.438	0.468	None	Alloy	4037 or 8740	C
AN4-40	1/4-28 UNF-3A	0.249	0.246	4.031	3.563	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-40A	1/4-28 UNF-3A	0.249	0.246	4.031	3.563	0.468	None	Alloy	4037 or 8740	C
AN4-41	1/4-28 UNF-3A	0.249	0.246	4.156	3.688	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-41A	1/4-28 UNF-3A	0.249	0.246	4.156	3.688	0.468	None	Alloy	4037 or 8740	C
AN4-42	1/4-28 UNF-3A	0.249	0.246	4.281	3.813	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-42A	1/4-28 UNF-3A	0.249	0.246	4.281	3.813	0.468	None	Alloy	4037 or 8740	C
AN4-43	1/4-28 UNF-3A	0.249	0.246	4.406	3.938	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-43A	1/4-28 UNF-3A	0.249	0.246	4.406	3.938	0.468	None	Alloy	4037 or 8740	C
AN4-44	1/4-28 UNF-3A	0.249	0.246	4.531	4.063	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-44A	1/4-28 UNF-3A	0.249	0.246	4.531	4.063	0.468	None	Alloy	4037 or 8740	C
AN4-45	1/4-28 UNF-3A	0.249	0.246	4.656	4.188	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-45A	1/4-28 UNF-3A	0.249	0.246	4.656	4.188	0.468	None	Alloy	4037 or 8740	C
AN4-46	1/4-28 UNF-3A	0.249	0.246	4.781	4.313	0.468	Drilled Shank	Alloy	4037 or 8740	C
AN4-46A	1/4-28 UNF-3A	0.249	0.246	4.781	4.313	0.468	None	Alloy	4037 or 8740	C
AN4-47A	1/4-28 UNF-3A	0.249	0.246	4.906	4.438	0.468	None	Alloy	4037 or 8740	C
AN4-50A	1/4-28 UNF-3A	0.249	0.246	5.031	4.563	0.468	None	Alloy	4037 or 8740	C
AN4-51A	1/4-28 UNF-3A	0.249	0.246	5.156	4.688	0.468	None	Alloy	4037 or 8740	C
AN4-52A	1/4-28 UNF-3A	0.249	0.246	5.281	4.813	0.468	None	Alloy	4037 or 8740	C
AN4-53A	1/4-28 UNF-3A	0.249	0.246	5.406	4.938	0.468	None	Alloy	4037 or 8740	C
AN4-54A	1/4-28 UNF-3A	0.249	0.246	5.531	5.063	0.468	None	Alloy	4037 or 8740	C
AN4-55A	1/4-28 UNF-3A	0.249	0.246	5.656	5.188	0.468	None	Alloy	4037 or 8740	C
AN4-56A	1/4-28 UNF-3A	0.249	0.246	5.781	5.313	0.468	None	Alloy	4037 or 8740	C

AN5

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN5-4	5/16-24 UNF-3A	0.312	0.309	0.594	0.063	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H4A	5/16-24 UNF-3A	0.312	0.309	0.594	0.063	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-4A	5/16-24 UNF-3A	0.312	0.309	0.594	0.063	0.531	None	Alloy	4037 or 8740	C
AN5-5	5/16-24 UNF-3A	0.312	0.309	0.719	0.188	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H5A	5/16-24 UNF-3A	0.312	0.309	0.719	0.188	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-5A	5/16-24 UNF-3A	0.312	0.309	0.719	0.188	0.531	None	Alloy	4037 or 8740	C
AN5-6	5/16-24 UNF-3A	0.312	0.309	0.844	0.313	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H6A	5/16-24 UNF-3A	0.312	0.309	0.844	0.313	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-6A	5/16-24 UNF-3A	0.312	0.309	0.844	0.313	0.531	None	Alloy	4037 or 8740	C
AN5-7	5/16-24 UNF-3A	0.312	0.309	0.969	0.438	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H7A	5/16-24 UNF-3A	0.312	0.309	0.969	0.438	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-7A	5/16-24 UNF-3A	0.312	0.309	0.969	0.438	0.531	None	Alloy	4037 or 8740	C
AN5-10	5/16-24 UNF-3A	0.312	0.309	1.094	0.563	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H10A	5/16-24 UNF-3A	0.312	0.309	1.094	0.563	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-10A	5/16-24 UNF-3A	0.312	0.309	1.094	0.563	0.531	None	Alloy	4037 or 8740	C
AN5-11	5/16-24 UNF-3A	0.312	0.309	1.219	0.688	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H11A	5/16-24 UNF-3A	0.312	0.309	1.219	0.688	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-11A	5/16-24 UNF-3A	0.312	0.309	1.219	0.688	0.531	None	Alloy	4037 or 8740	C
AN5-12	5/16-24 UNF-3A	0.312	0.309	1.344	0.813	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H12A	5/16-24 UNF-3A	0.312	0.309	1.344	0.813	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-12A	5/16-24 UNF-3A	0.312	0.309	1.344	0.813	0.531	None	Alloy	4037 or 8740	C
AN5-13	5/16-24 UNF-3A	0.312	0.309	1.469	0.938	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H13A	5/16-24 UNF-3A	0.312	0.309	1.469	0.938	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-13A	5/16-24 UNF-3A	0.312	0.309	1.469	0.938	0.531	None	Alloy	4037 or 8740	C

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Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

AN Bolts continued from previous page

AN5 continued

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN5-14	5/16-24 UNF-3A	0.312	0.309	1.594	1.063	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H14A	5/16-24 UNF-3A	0.312	0.309	1.594	1.063	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-14A	5/16-24 UNF-3A	0.312	0.309	1.594	1.063	0.531	None	Alloy	4037 or 8740	C
AN5-15	5/16-24 UNF-3A	0.312	0.309	1.719	1.188	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H15A	5/16-24 UNF-3A	0.312	0.309	1.719	1.188	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-15A	5/16-24 UNF-3A	0.312	0.309	1.719	1.188	0.531	None	Alloy	4037 or 8740	C
AN5-16	5/16-24 UNF-3A	0.312	0.309	1.844	1.313	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H16A	5/16-24 UNF-3A	0.312	0.309	1.844	1.313	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-16A	5/16-24 UNF-3A	0.312	0.309	1.844	1.313	0.531	None	Alloy	4037 or 8740	C
AN5-17	5/16-24 UNF-3A	0.312	0.309	1.969	1.438	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H17A	5/16-24 UNF-3A	0.312	0.309	1.969	1.438	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-17A	5/16-24 UNF-3A	0.312	0.309	1.969	1.438	0.531	None	Alloy	4037 or 8740	C
AN5-20	5/16-24 UNF-3A	0.312	0.309	2.094	1.563	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5H20A	5/16-24 UNF-3A	0.312	0.309	2.094	1.563	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-20A	5/16-24 UNF-3A	0.312	0.309	2.094	1.563	0.531	None	Alloy	4037 or 8740	C
AN5-21	5/16-24 UNF-3A	0.312	0.309	2.219	1.688	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-21A	5/16-24 UNF-3A	0.312	0.309	2.219	1.688	0.531	None	Alloy	4037 or 8740	C
AN5H22A	5/16-24 UNF-3A	0.312	0.309	2.344	1.813	0.531	Drilled Head	Alloy	4037 or 8740	C
AN5-22A	5/16-24 UNF-3A	0.312	0.309	2.344	1.813	0.531	None	Alloy	4037 or 8740	C
AN5-23A	5/16-24 UNF-3A	0.312	0.309	2.469	1.938	0.531	None	Alloy	4037 or 8740	C
AN5-24	5/16-24 UNF-3A	0.312	0.309	2.594	2.063	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-24A	5/16-24 UNF-3A	0.312	0.309	2.594	2.063	0.531	None	Alloy	4037 or 8740	C
AN5-25	5/16-24 UNF-3A	0.312	0.309	2.719	2.188	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-25A	5/16-24 UNF-3A	0.312	0.309	2.719	2.188	0.531	None	Alloy	4037 or 8740	C
AN5-26	5/16-24 UNF-3A	0.312	0.309	2.844	2.313	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-26A	5/16-24 UNF-3A	0.312	0.309	2.844	2.313	0.531	None	Alloy	4037 or 8740	C
AN5-27	5/16-24 UNF-3A	0.312	0.309	2.969	2.438	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-27A	5/16-24 UNF-3A	0.312	0.309	2.969	2.438	0.531	None	Alloy	4037 or 8740	C
AN5-30	5/16-24 UNF-3A	0.312	0.309	3.094	2.563	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-30A	5/16-24 UNF-3A	0.312	0.309	3.094	2.563	0.531	None	Alloy	4037 or 8740	C
AN5-31	5/16-24 UNF-3A	0.312	0.309	3.219	2.688	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-31A	5/16-24 UNF-3A	0.312	0.309	3.219	2.688	0.531	None	Alloy	4037 or 8740	C
AN5-32	5/16-24 UNF-3A	0.312	0.309	3.344	2.813	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-32A	5/16-24 UNF-3A	0.312	0.309	3.344	2.813	0.531	None	Alloy	4037 or 8740	C
AN5-33	5/16-24 UNF-3A	0.312	0.309	3.469	2.938	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-33A	5/16-24 UNF-3A	0.312	0.309	3.469	2.938	0.531	None	Alloy	4037 or 8740	C
AN5-34	5/16-24 UNF-3A	0.312	0.309	3.594	3.063	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-34A	5/16-24 UNF-3A	0.312	0.309	3.594	3.063	0.531	None	Alloy	4037 or 8740	C
AN5-35	5/16-24 UNF-3A	0.312	0.309	3.719	3.188	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-35A	5/16-24 UNF-3A	0.312	0.309	3.719	3.188	0.531	None	Alloy	4037 or 8740	C
AN5-36	5/16-24 UNF-3A	0.312	0.309	3.844	3.313	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-36A	5/16-24 UNF-3A	0.312	0.309	3.844	3.313	0.531	None	Alloy	4037 or 8740	C
AN5-37	5/16-24 UNF-3A	0.312	0.309	3.969	3.438	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-37A	5/16-24 UNF-3A	0.312	0.309	3.969	3.438	0.531	None	Alloy	4037 or 8740	C
AN5-40	5/16-24 UNF-3A	0.312	0.309	4.094	3.563	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-40A	5/16-24 UNF-3A	0.312	0.309	4.094	3.563	0.531	None	Alloy	4037 or 8740	C
AN5-41	5/16-24 UNF-3A	0.312	0.309	4.219	3.688	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-41A	5/16-24 UNF-3A	0.312	0.309	4.219	3.688	0.531	None	Alloy	4037 or 8740	C
AN5-42	5/16-24 UNF-3A	0.312	0.309	4.344	3.813	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-42A	5/16-24 UNF-3A	0.312	0.309	4.344	3.813	0.531	None	Alloy	4037 or 8740	C
AN5-43	5/16-24 UNF-3A	0.312	0.309	4.469	3.938	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-43A	5/16-24 UNF-3A	0.312	0.309	4.469	3.938	0.531	None	Alloy	4037 or 8740	C
AN5-44	5/16-24 UNF-3A	0.312	0.309	4.594	4.063	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-44A	5/16-24 UNF-3A	0.312	0.309	4.594	4.063	0.531	None	Alloy	4037 or 8740	C
AN5-45	5/16-24 UNF-3A	0.312	0.309	4.719	4.188	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-45A	5/16-24 UNF-3A	0.312	0.309	4.719	4.188	0.531	None	Alloy	4037 or 8740	C
AN5-46	5/16-24 UNF-3A	0.312	0.309	4.844	4.313	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-46A	5/16-24 UNF-3A	0.312	0.309	4.844	4.313	0.531	None	Alloy	4037 or 8740	C
AN5-47	5/16-24 UNF-3A	0.312	0.309	4.969	4.438	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-47A	5/16-24 UNF-3A	0.312	0.309	4.969	4.438	0.531	None	Alloy	4037 or 8740	C
AN5-50	5/16-24 UNF-3A	0.312	0.309	5.094	4.563	0.531	Drilled Shank	Alloy	4037 or 8740	C
AN5-50A	5/16-24 UNF-3A	0.312	0.309	5.094	4.563	0.531	None	Alloy	4037 or 8740	C

Continued on next page

Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

AN Bolts continued from previous page

AN6

P/N	Thread Size	Diameter		Length	Grip	Thread Length	Locking Mechanism	Material (Steel)	Grade	Finish
		Min	Max							
AN6-5	3/8-24 UNF-3A	0.374	0.371	0.703	0.063	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-5A	3/8-24 UNF-3A	0.374	0.371	0.703	0.063	0.640	None	Alloy	4037 or 8740	C
AN6-6	3/8-24 UNF-3A	0.374	0.371	0.828	0.188	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-6A	3/8-24 UNF-3A	0.374	0.371	0.828	0.188	0.640	None	Alloy	4037 or 8740	C
AN6-7	3/8-24 UNF-3A	0.374	0.371	0.953	0.313	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-7A	3/8-24 UNF-3A	0.374	0.371	0.953	0.313	0.640	None	Alloy	4037 or 8740	C
AN6-10	3/8-24 UNF-3A	0.374	0.371	1.078	0.438	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-10A	3/8-24 UNF-3A	0.374	0.371	1.078	0.438	0.640	None	Alloy	4037 or 8740	C
AN6-11	3/8-24 UNF-3A	0.374	0.371	1.203	0.563	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-11A	3/8-24 UNF-3A	0.374	0.371	1.203	0.563	0.640	None	Alloy	4037 or 8740	C
AN6-12	3/8-24 UNF-3A	0.374	0.371	1.328	0.688	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-12A	3/8-24 UNF-3A	0.374	0.371	1.328	0.688	0.640	None	Alloy	4037 or 8740	C
AN6-13	3/8-24 UNF-3A	0.374	0.371	1.453	0.813	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-13A	3/8-24 UNF-3A	0.374	0.371	1.453	0.813	0.640	None	Alloy	4037 or 8740	C
AN6-14	3/8-24 UNF-3A	0.374	0.371	1.578	0.938	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-14A	3/8-24 UNF-3A	0.374	0.371	1.578	0.938	0.640	None	Alloy	4037 or 8740	C
AN6-15	3/8-24 UNF-3A	0.374	0.371	1.703	1.063	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-15A	3/8-24 UNF-3A	0.374	0.371	1.703	1.063	0.640	None	Alloy	4037 or 8740	C
AN6-16	3/8-24 UNF-3A	0.374	0.371	1.828	1.188	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-16A	3/8-24 UNF-3A	0.374	0.371	1.828	1.188	0.640	None	Alloy	4037 or 8740	C
AN6-17	3/8-24 UNF-3A	0.374	0.371	1.953	1.313	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-17A	3/8-24 UNF-3A	0.374	0.371	1.953	1.313	0.640	None	Alloy	4037 or 8740	C
AN6-20	3/8-24 UNF-3A	0.374	0.371	2.078	1.438	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-20A	3/8-24 UNF-3A	0.374	0.371	2.078	1.438	0.640	None	Alloy	4037 or 8740	C
AN6-21	3/8-24 UNF-3A	0.374	0.371	2.203	1.563	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-21A	3/8-24 UNF-3A	0.374	0.371	2.203	1.563	0.640	None	Alloy	4037 or 8740	C
AN6-22	3/8-24 UNF-3A	0.374	0.371	2.328	1.688	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-22A	3/8-24 UNF-3A	0.374	0.371	2.328	1.688	0.640	None	Alloy	4037 or 8740	C
AN6-23	3/8-24 UNF-3A	0.374	0.371	2.453	1.813	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-23A	3/8-24 UNF-3A	0.374	0.371	2.453	1.813	0.640	None	Alloy	4037 or 8740	C
AN6-24	3/8-24 UNF-3A	0.374	0.371	2.578	1.938	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-24A	3/8-24 UNF-3A	0.374	0.371	2.578	1.938	0.640	None	Alloy	4037 or 8740	C
AN6-25	3/8-24 UNF-3A	0.374	0.371	2.703	2.063	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-25A	3/8-24 UNF-3A	0.374	0.371	2.703	2.063	0.640	None	Alloy	4037 or 8740	C
AN6-26	3/8-24 UNF-3A	0.374	0.371	2.828	2.188	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-26A	3/8-24 UNF-3A	0.374	0.371	2.828	2.188	0.640	None	Alloy	4037 or 8740	C
AN6-27	3/8-24 UNF-3A	0.374	0.371	2.953	2.313	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-27A	3/8-24 UNF-3A	0.374	0.371	2.953	2.313	0.640	None	Alloy	4037 or 8740	C
AN6-30	3/8-24 UNF-3A	0.374	0.371	3.078	2.438	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-30A	3/8-24 UNF-3A	0.374	0.371	3.078	2.438	0.640	None	Alloy	4037 or 8740	C
AN6-31	3/8-24 UNF-3A	0.374	0.371	3.203	2.563	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-31A	3/8-24 UNF-3A	0.374	0.371	3.203	2.563	0.640	None	Alloy	4037 or 8740	C
AN6-32	3/8-24 UNF-3A	0.374	0.371	3.328	2.688	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-32A	3/8-24 UNF-3A	0.374	0.371	3.328	2.688	0.640	None	Alloy	4037 or 8740	C
AN6-33	3/8-24 UNF-3A	0.374	0.371	3.453	2.813	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-33A	3/8-24 UNF-3A	0.374	0.371	3.453	2.813	0.640	None	Alloy	4037 or 8740	C
AN6-34	3/8-24 UNF-3A	0.374	0.371	3.578	2.938	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-34A	3/8-24 UNF-3A	0.374	0.371	3.578	2.938	0.640	None	Alloy	4037 or 8740	C
AN6-35	3/8-24 UNF-3A	0.374	0.371	3.703	3.063	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-35A	3/8-24 UNF-3A	0.374	0.371	3.703	3.063	0.640	None	Alloy	4037 or 8740	C
AN6-36	3/8-24 UNF-3A	0.374	0.371	3.828	3.188	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-36A	3/8-24 UNF-3A	0.374	0.371	3.828	3.188	0.640	None	Alloy	4037 or 8740	C
AN6-37	3/8-24 UNF-3A	0.374	0.371	3.953	3.313	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-37A	3/8-24 UNF-3A	0.374	0.371	3.953	3.313	0.640	None	Alloy	4037 or 8740	C
AN6-40	3/8-24 UNF-3A	0.374	0.371	4.078	3.438	0.640	Drilled Shank	Alloy	4037 or 8740	C
AN6-40A	3/8-24 UNF-3A	0.374	0.371	4.078	3.438	0.640	None	Alloy	4037 or 8740	C
AN6-41A	3/8-24 UNF-3A	0.374	0.371	4.203	3.563	0.640	None	Alloy	4037 or 8740	C
AN6-42A	3/8-24 UNF-3A	0.374	0.371	4.328	3.688	0.640	None	Alloy	4037 or 8740	C

Finish: C Cadmium Plated, AMS-QQ-P-416, TYPE II, CLASS 2 P Passivation per AMS2700

Beechcraft Rod Ends

Loose Rod Ends can lead to control flutter! Save time and $$$ with our Aileron Rod Ends

- Increased corrosion protection
- Built to last!
- Save $$$

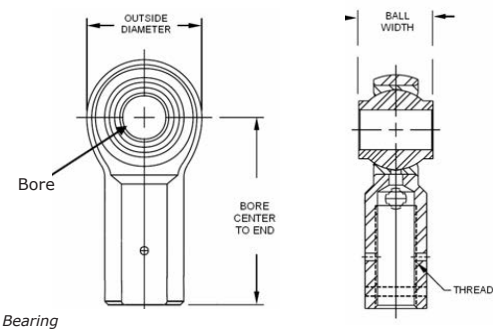


Model	Serial Number	RH Thread MC002-381003-5 [2]	LH Thread MC002-381003-7 [3]
58, 58A	All	•	•
58P, 58TC	All	N/A	•
95-B55[1], 95-B55A[1]	TC-1608 thru TC-2456	•	•
A36[1]	E-1946, E-2111 thru E-3635	•	•
B36TC[1]	EA-0320, EA-0389 thru EA-9999	•	•
B60	All	•	N/A
E55[1], E55A[1]	TE-943 thru TE-9999	•	•
G36, G58	All	•	•
V35B, V35B-TC	All	•	•

Notes:
[1] Partial model eligibility
[2] MC002-381003-5 replaces P/N 002-381003-1 and 002-381003-5
[3] MC002-381003-7 replaces P/N 002-381003-3 and 002-381003-7

Rod Ends for Experimental Aircraft

Not for use on certified aircraft. Not FAA-PMA approved.
We have FAA-PMA approved Rod Ends for Cessna, Piper, and Beech aircraft.



Manufactured by Aurora Bearing

P/N	Bore (in)	O.D. (in)	Bore Center to End (in)	Ball Width (in)	Thread (in)	Thread Type	Ultimate Static Load (lbs)
MW-3M-500	0.190	0.625	1.062	0.312	10-32	Internal	1,531
GMW-3M-470	0.190	0.750	1.375	0.437	1/4-28	Internal	2,881
GMW-4M-470	0.250	0.812	1.375	0.437	1/4-28	Internal	2,950
MM-3M-500	0.190	0.625	1.250	0.312	10-32	External	1,169

Drill Step

P/N 44460

Easily enlarge the mounting hole on your instrument panel for your MC600 series control!

- Enlarges holes to ¾" diameter to fit MC600 series controls
- TIN coated



Don't forget your clamps and bolts!
We have FAA-PMA on Piper, Cessna, Beechcraft, and more

Rod Ends for Cessna Caravan Aircraft

- FAA-PMA approved
- Newly expanded eligibility now covers more application locations!
- Save $$$
- Corrosion protection
- Vast applications



MCS1104-3 *MCS1105-3* *MCS1106-3* *MCS1106-4* *MCS1819-4* *S1107-3* *S2022-3L* *S2022-3*

P/N	Application Location	Eligibility
MCS1106-3	Flap Actuator Push Rod	208, 208B
MCS1106-3	Inertial Seperator Actuator Push Rod	208, 208B
MCS1106-4	Inertial Seperator Control	208, 208B
MCS1104-3	Engine Controls	208, 208B
MCS1104-3	Engine Exhaust Duct	208, 208B
MCS1105-3	Cockpit	208, 208B
MCS1105-3	Engine Exhaust Duct	208, 208B
MCS1105-3	Flap Indicator	208, 208B
MCS1105-3	Rudder Gust Lock	208, 208B
MCS1819-4	Flap Control	208* S/N 0374 thru 20899999
MCS1819-4	Flap Control	208B* S/N B1048 thru 208B99999
S2022-3	Aileron/Spoiler Control (Nut P/N NAS1423-6)	208, 208B
S1107-3	Nose Gear Steering Rod	208, 208B
S2022-3L	Aileron/Spoiler Control (LH threads) (Nut P/N NAS1423-6L)	208, 208B

Note: Any P/N with the prefix "MCS" is a McFarlane product, "S" prefix are manufactured by Cessna Aircraft Company.

Rod End Dimensions		
Part Number	Bore/Eye	Thread
MCS1104-3	0.19	10-32 Internal
MCS1105-3	0.19	10-32 External
MCS1106-3	0.19	1/4-28 Internal
MCS1106-4	0.25	1/4-28 Internal
S1107-3	0.19	3/8-24 External
S2022-3	0.25	3/8-24 LH
S2022-3L	0.25	3/8-24 RH
MCS1819-4	0.25	1/4-28 Internal

Rod Ends for Cessna Aircraft

Many applications!


MCS1819-4


MCS1106-3


MCS1106-4


S1819-3


S1823-3


S2022-3


S1107-3

Rod End Dimensions		
Part Number	Bore/ Eye	Thread
MCS1104-3	0.19	10-32 Internal
MCS1105-3	0.19	10-32 External
MCS1106-3	0.19	1/4-28 Internal
MCS1106-4	0.25	1/4-28 Internal
S1107-3	0.19	3/8-24 External
S1819-3	0.19	1/4-28 Internal
S1823-3	0.19	3/8-24 External
S2022-3	0.25	3/8-24 LH
S2022-3L	0.25	3/8-24 RH
MCS1819-4	0.25	1/4-28 Internal


MCS1104-3


MCS1105-3

Model	Part Number	Aileron Push Rod	Alt Air Control	Cargo Door	Cooling Modulator	Cowl Flap	Cowl Flap Control	Elevator Bob Weight Linkage	Flap Actuator Push Rod	Flap Control	Flap Push Rod	Inertial Separator Actr Push Rod	Inertial Separator Control	Main Gear Door	Main Gear Door Actuator	Mixture Control	Mixture Linkage	Nose Gear Steering Rod	Nose Gear Door	Nose Gear Actuator	Outboard Flap Push Rod	Prop Control	Prop Syncro Push Rod	Rear Pressurization Control	Rudder Bar	Rudder Bellcrank Push Rod	Spray Valve Push Rod	Throttle Control	Throttle Linkage	Water Rudder Steering
		MCS1106-3	MCS1819-4	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	MCS1106-3	S1819-3	MCS1106-3	MCS1106-4	MCS1104-3	S1823-3	S1107-3	MCS1106-4	MCS1106-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1105-3
150, 150A,B,C,D, E,F,G,H,J[2]		•									•				•	•			•	•																	
150K,L,M,A-150L, A-A150L, A150K,L,M		•														•				•																	
F150F,G,H,J		•									•					•				•																	
F150K,L,M, A150K,L,M, FRA150L,M		•														•				•																	
152, A152, F152, A152		•														•				•																	
172,172A,B,C		•									•							•																			
172D,E,F,G,H,I, K,L,M,N,P,Q,R		•									•					•				•																	
172RG											•								•																		
172S, F172D,E,F,G,H,K, L,M,N,P, FP172		•									•					•				•																	
FR172E,F,G,H,J		•									•					•				•																	
FR172K		•									•					•				•																	
P172D		•									•					•				•																	
R172K		•									•					•				•																	
175, 175A,B,C		•									•							•																			
177, 177A,B											•					•				•																	
177RG, F177RG									•																													
180,180A,B,C,D, E,F,G,H,J,K		•									•																										
182,182A,B,C,D, E,F,G,H,J,K[3]		•									•							•																			
182L,M		•								•	•																										
182N[1] S/N 18260056 thru 18260445		•								•	•																										
182N[1] S/N 18260446 thru 18260825		•									•																										
182P,Q,R		•									•																										

[1] Partial model eligibility.
[2] P/N S1823-3 is applicable to model 150J only.
[3] P/N S1107-3 is applicable to models 182, 182A,B,C,D only.
Note: Part numbers with "S" prefix are manufactured by Cessna Aircraft Company.

Eligibility continues on next page

Rod Ends for Cessna Aircraft

Many applications!



Continued from previous page

Model	Part Number	Aileron Push Rod		Alt Air Control	Cargo Door	Cooling Modulator	Cowl Flap	Cowl Flap Control	Elevator Bob Weight Linkage	Flap Actuator Push Rod		Flap Control		Flap Push Rod		Inertial Separator Actr Push Rod	Inertial Separator Control	Main Gear Door		Main Gear Door Actuator		Mixture Control		Mixture Linkage		Nose Gear Steering Rod			Nose Gear Door		Nose Gear Actuator	Outboard Flap Push Rod	Prop Control	Prop Syncro Push Rod	Rear Pressurization Control	Rudder Bar	Rudder Bellcrank Push Rod	Spray Valve Push Rod	Throttle Control		Throttle Linkage	Water Rudder Steering
		MCS1106-3	S1819-3	MCS1819-4	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	S1819-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1106-4	S1819-3	MCS1106-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	S1823-3	S1107-3	MCS1106-4	MCS1106-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-3	MCS1106-4	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1105-3
182S,T			•																																						
F182P,Q			•											•																											
FR182, R182			•											•															•												
T182			•											•																											
T182T			•																																						
TR182			•											•															•												
185, 185A,B,C,D,E, A185E,F			•											•																											
188,188A,B, A188, A188A,B, T188C														•																							•				
210-5 (205), 210-5A (205A)		•												•																											
206										•				•																											
206H											•				•																										
P206,P206A					•					•				•																											
P206B,C,D,E										•				•																											
T206H											•				•																										
TP206A,B										•				•																											
TP206C,D,E										•			•	•																											
TU206A,B										•				•																											
TU206C,D,E										•			•	•																											
TU206F[1] S/N U20601701 thru U20602199										•				•																											
TU206F[1] S/N U20602200 thru U20603521,TU206G					•					•				•																											•
U206,U206A,B,C,D,E, U206F[1] S/N U20601701 thru U20602199					•					•				•																											
U206F[1] S/N U20602200 thru U20603521,U206G					•					•				•																											•
207,207A,T207,T207A					•					•			•	•																											
210,210A		•												•					•				•							•									•		
210B,C			•											•																•											
210D,E,F										•				•																•											
210G				•						•																				•			•								
210H,J				•						•			•																	•			•								
210K,L,M				•						•			•		•			•	•		•						•			•	•											
210N[1] S/N 21062955 thru 21063168				•						•			•		•												•														
210N[1] S/N 21063169				•						•					•												•														

[1] Partial model eligibility.

[2] P/N S1823-3 is applicable to model 150J only.

[3] P/N S1107-3 is applicable to models 182, 182A,B,C,D only.

Note: Part numbers with "S" prefix are manufactured by Cessna Aircraft Company.

Caravan 208 and 208B Rod Ends on Page 478

Eligibility continues on next page

Rod Ends for Cessna Aircraft

Many applications!



Continued from previous page

Model	P/N	Aileron Push Rod	Alt Air Control	Cargo Door	Cooling Modulator	Cowl Flap	Cowl Flap Control	Elevator Bob Weight Linkage	Flap Actuator Push Rod	Flap Control	Flap Push Rod	Inertial Separator Actr Push Rod	Inertial Separator Control	Main Gear Door	Main Gear Door Actuator	Mixture Control	Mixture Linkage	Nose Gear Steering Rod	Nose Gear Door	Nose Gear Actuator	Outboard Flap Push Rod	Prop Control	Prop Syncro Push Rod	Rear Pressurization Control	Rudder Bar	Rudder Bellcrank Push Rod	Spray Valve Push Rod	Throttle Control	Throttle Linkage	Water Rudder Steering
		MCS1106-3	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1106-4	MCS1106-4	MCS1106-3	MCS1104-3	MCS1104-3	S1823-3	S1107-3	MCS1106-4	MCS1106-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1105-3
		S1819-3	MCS1819-4	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-4	MCS1106-3	MCS1104-3	MCS1104-3	MCS1106-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1106-4	MCS1106-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1105-3
210N[1] S/N 21063170 thru 21063174			•						•		•				•				•											
210N[1] S/N 21063175 thru 21064135			•						•						•				•											
210N[1] S/N 21064136 thru 21064897, 210R			•						•						•				•											
P210N[1] S/N P21000001 thru P21000150		•								•				•	•				•	•										
P210N[1] S/N P21000151 thru P21000196		•								•					•					•										
P210N[1] S/N P21000197		•													•					•										
P210N[1] S/N P21000198 thru P21000212		•								•					•					•										
P210N[1] S/N P21000213 thru P21000834		•													•					•										
P210R		•				•									•				•	•										
T210F									•		•								•											
T210G			•						•										•		•									
T210H,J			•						•	•									•		•									
T210K,L,M			•						•					•	•	•		•	•	•										
T210N			•						•						•				•											
T210R			•				•		•						•				•											
310,310B	•			•						•					•		•											•		
310C,D,F,G,H,I,J,J-1,K	•									•					•							•								
310L,N															•							•								
310P,Q										•	•	•			•							•								
310R						•				•	•	•			•		•					•	•					•		
E310H,J	•									•					•							•								
T310P,Q										•	•	•			•							•								
T310R						•				•	•	•			•		•					•	•					•		
320,320-1,320A,B,C	•									•					•							•					•			
320D,E,F										•	•				•							•								
335	•						•			•		•				•				•			•					•			
336	•						•			•		•				•						•				•					
337							•	•		•		•			•	•		•	•	•		•		•		•	•				
337A,B							•	•	•	•		•	•		•	•		•	•	•		•		•		•	•				
337C							•	•		•		•	•		•	•		•	•	•		•		•		•	•				
337D							•	•		•		•	•		•	•		•	•	•		•		•		•	•				
337E,F		•					•					•	•		•	•		•	•	•	•	•		•		•	•				
337G,H		•					•					•	•	•	•	•		•	•	•	•		•	•		•	•				

[1] Partial model eligibility.
[2] P/N S1823-3 is applicable to model 150J only.
[3] P/N S1107-3 is applicable to models 182, 182A,B,C,D only.
Note: Part numbers with "S" prefix are manufactured by Cessna Aircraft Company.

Cessna 208 and 208B Rod Ends in Caravan section of catalog

Eligibility continues on next page

Rod Ends for Cessna Aircraft

Many applications!



Continued from previous page

Model	Part Number	Aileron Push Rod	Alt Air Control	Cargo Door	Cooling Modulator	Cowl Flap	Cowl Flap Control	Elevator Bob Weight Linkage	Flap Actuator Push Rod	Flap Control	Flap Push Rod	Inertial Separator Actr Push Rod	Inertial Separator Control	Main Gear Door	Main Gear Door Actuator	Mixture Control	Mixture Linkage	Nose Gear Steering Rod	Nose Gear Door	Nose Gear Actuator	Outboard Flap Push Rod	Prop Control	Prop Syncro Push Rod	Rear Pressurization Control	Rudder Bar	Rudder Bellcrank Push Rod	Spray Valve Push Rod	Throttle Control	Throttle Linkage	Water Rudder Steering
	MCS1106-3	S1819-3	MCS1819-4	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	S1819-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1106-4	MCS1104-3	S1823-3	S1107-3	MCS1106-4	MCS1106-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1105-3
F337E,F		•				•				•	•				•	•			•	•	•	•				•	•	•			•
F337G,H		•				•				•	•			•	•	•			•	•	•	•				•	•	•			•
FT337E,F		•				•				•	•				•	•			•	•	•	•				•	•	•			•
FT337GP (FP337)		•				•			•	•	•				•	•			•	•	•	•			•	•	•	•			•
FT337HP (FP337H)		•				•			•	•	•				•	•			•	•	•	•			•	•	•	•			•
M337B						•	•		•	•	•				•	•				•	•	•			•	•	•	•			•
P337H		•				•			•	•	•				•	•			•	•	•	•			•	•	•	•			•
T337B,C,D						•	•		•	•	•				•	•			•	•	•	•			•	•	•	•			•
T337E,F		•				•				•	•				•	•			•	•	•	•	•		•	•	•	•			•
T337G		•				•			•	•	•				•	•			•	•	•	•			•	•	•	•			•
T337H		•				•				•	•			•	•	•			•	•	•	•	•		•	•	•	•			•
T337H-SP		•				•			•	•	•				•	•			•	•	•	•			•	•	•	•			•

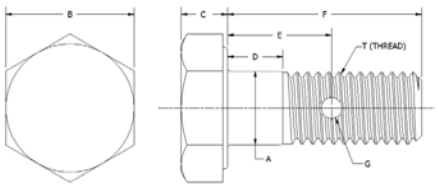
1 Partial model eligibility.
2 P/N S1823-3 is applicable to model 150J only.
3 P/N S1107-3 is applicable to models 182, 182A,B,C,D only.
Note: Part numbers with "S" prefix are manufactured by Cessna Aircraft Company.

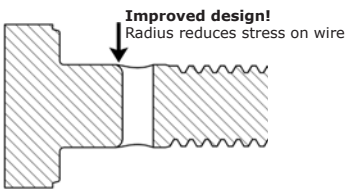
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P/N	A Bolt Dia. (in)	B Wrench Size (in)	C Thick (in)	D Grip Length (in)	E Hole Position (in)	F Shank Length (in)	G Hole Dia. (in)	T Thread (~)	Application
MCS2323-1	0.188	3/8	0.125	0.250	0.183	0.653	0.073	10-32	Carb heat, starter, mixture, cabin heat, fuel shutoff, strainer drain, defrost, shutter, wastegate, oxygen control, deice, heater, airbox, alternate air, flap/elevator, pressure air dump, heat exchanger
MCS2323-2	0.250	7/16	0.156	0.312	0.325	0.781	0.073	1/4-28	cabin heat, mixture, defrost
MCS2323-3	0.250	7/16	0.156	0.188	0.199	0.539	0.073	1/4-28	strainer drain, cowl flaps, carb heat, alternate air
MCS2323-4	0.250	7/16	0.156	0.313	0.312	0.781	0.073	1/4-28	mixture, flap indicator, flap guide, fuel shut-off
MCS2323-5	0.188	3/8	0.125	0.125	0.188	0.531	0.073	10-32	cabin air, carb heat, starter, airbox, defrost, flap, shutter, oxygen
MCS2323-6	0.250	7/16	0.156	0.188	0.355	0.656	0.073	1/4-28	mixture, hopper, induction
MCS2323-7	0.188	3/8	0.125	0.250	0.192	0.656	0.076	10-32	fuel shut-off, alternate air, flap elevator trim
MCS2323-8	0.188	3/8	0.125	0.250	0.202	0.656	0.096	10-32	fuel shut-off, oxygen control
MCS2323-9	0.250	7/16	0.156	0.438	0.343	0.906	0.129	1/4-28	flap control, flap guide
MCS2323-10	0.188	3/8	0.125	0.125	0.204	0.477	0.079	10-32	fuel shut-off, heat exchanger
MCS2323-11	0.188	3/8	0.125	0.250	0.266	0.656	0.076	10-32	mixture, bleed air, fuel selector, flap/elevator
MCS2323-12	0.250	7/16	0.156	0.188	0.357	0.656	0.073	1/4-28	mixture, cabin heat, pressurization
MCS2323-13	0.250	7/16	0.156	0.313	0.271	0.781	0.073	1/4-28	mixture, alternate air, bleed air
MCS2323-14	0.188	3/8	0.125	0.125	0.132	0.531	0.082	10-32	cabin heat, cabin air
MCS2323-19	0.188	3/8	0.125	0.125	0.200	0.531	0.094	10-32	defroster

Rod Ends for Piper Aircraft

Many applications and aircraft eligibility!



CA452-335A



CA452-368



CA452-412



CA452-584

Piper Rod End Dimensions		
Part Number	**Eye**	**Thread**
CA452-334A	0.19	1/4-28 External
CA452-335A	0.19	1/4-28 Internal
CA452-336A	0.19	1/4-28 Internal
CA452-368	0.50	1/2-20 Internal
CA452-412	0.25	5/16-24 External
CA452-860A	0.25	1/4-28 External
CA452-584	0.19	Spherical

Model	Serial Number	Part Number	Description/Application
PA-18,A PA-18-105,125,135,150	All	CA452-335A	Wing panel assembly, uncovered
PA-18A-125,135,150	18-1 thru 18-8309025		
PA18-150	809001 thru 1809113		
PA-22 PA-22-108,135,150,160	All	CA452-335A	Wing panel assembly, nose wheel
PA-23-150,160 PA-23-235, PA23-250, PA 23-250	All	CA452-335A	Nose gear, main gear
PA-24-180,250,260,400	All	CA452-412	Landing gear retraction system, flap control mechanism, control surfaces
PA-28-140,150,160,180,235 PA-28R-180,200,201,201T	All	CA452-334A	Steering push rod and shimmy dampener, main gear bearing, control system
		CA452-335A	Bungee assembly, nose wheel, landing gear door
		CA452-336A	Flap control, nose gear assembly
		CA452-368	Main gear
		CA452-584	Landing gear door
		CA452-860A	Shimmy dampener
PA-28-151,161	715001 thru 28-7715314, 28-7716001 thru 28-8616057, 2816001 thru 2816119	CA452-334A	Nose gear
		CA452-335A	Nose gear, control system, flap control
PA-28-161	2841001 thru 2841365	CA452-334A	Nose gear
PA-28-161	2842001 and on	CA452-335A	Control system, flap control
		CA452-336A	Flap control
PA-28-181	28-7690001 thru 28-8690056, 2890001 thru 2890231, 2843001 and on	CA452-334A	Nose gear
		CA452-335A	Control system
		CA452-336A	Flap control
PA-28R-201,201T	28R-773700, 2837001 thru 2837061, 28R7703002 thru 28R-7803372, 2803001 thru 2803015	CA452-334A	Nose landing gear, main landing gear
		CA452-335A	Landing gear door, control system, flap control
		CA452-336A	Flap control
		CA452-584	Landing gear door
PA-28R-201	2844001 and on	CA452-334A	Nose landing gear
		CA452-335A	Landing gear door, control system, flap control
		CA452-336A	Flap control
		CA452-368	Main landing gear
PA-28RT-201,201T	All	CA452-334A	Nose landing gear
		CA452-335A	Landing gear door
PA-30,39	All	CA452-412	Landing gear retraction system, flap control mechanism
PA-31P	All	CA452-335A	Cabin door step
		CA452-412	Cabin door latch, nose landing gear, nose gear steering,
PA-31P-350	All	CA452-335A	Cabin door step
		CA452-412	Cabin door latch, nose landing gear, nose gear steering, elevator trim
PA-31-300,325, PA-31-350, PA-31-350 (T1020)	All	CA452-412	Nose landing gear, nose gear steering mechanism
PA-31T,T1,T2	All	CA452-335A	Cabin door step, engine control
		CA452-412	Cabin door latch, nose landing gear
		CA452-860A	Cabin door snubber
PA-31T3	All	CA452-335A	Engine controls
		CA452-412	Nose landing gear, nose gear steering
PA-32-260,300, PA-32R-300,	All	CA452-334A	Nose gear, main gear, control system
		CA452-335A	Landing gear door, flap control
		CA452-368	Main gear
		CA452-584	Landing gear door
		CA452-860A	Nose gear

Eligibility continued on next page

Rod Ends for Piper Aircraft continued from previous page

See Rod End dimensions on previous page

Model	Serial Number	Part Number	Description/Application
PA-32-301,301T	All	CA452-334A	Nose gear
		CA452-335A	Aileron control, flap control
		CA452-336A	Aileron control, flap control
		CA452-860A	Nose gear
PA-32-301 XTC	All	CA452-334A	Nose gear
PA-32-301FT	All	CA452-335A	Aileron control, flap control
		CA452-336A	Aileron control
		CA452-860A	Nose gear
PA-32R-301,301T	32R-8013001 thru 32R-8613005, 321001 thru 3213103, 32R-8029001 thru 32R-8629006, 3229001 thru 3229003	CA452-334A	Nose gear, main gear
		CA452-335A	Landing gear door, aileron control, flap control
		CA452-336A	Aileron control, flap control
		CA452-368	Main gear
PA-32R-301,301T	3246001 and on 3257001 and on	CA452-334A	Main gear
		CA452-335A	Landing gear door, aileron control, flap control
		CA452-336A	Aileron control, flap control
		CA452-368	Main gear
PA-34-200	All	CA452-334A	Nose gear, aileron control, rudder trim, hydraulic system
		CA452-335A	Nose and main gear door actuation, flap control
		CA452-336A	Flap control
		CA452-368	Main gear
PA-34-200T	All	CA452-334A	Air conditioning, Condenser and scoop, nose gear, hydraulic system rudder trim
		CA452-335A	Nose and main gear door actuation
		CA452-336A	Flap control
		CA452-368	Main gear
		CA452-584	Aileron assembly, nose and main gear actuation
PA-34-220T	34-8133001 thru 34-8633031, 3433001 and on, 3448001 and on, 3447001 thru 3447029, 3449001 and on	CA452-334A	Nose gear, rudder trim hydraulic system, air conditioning, condenser and scoop
		CA452-335A	Nose and main gear door actuation, aileron control, flap control
		CA452-336A	Flap control
PA-34RT-300,300T	All	CA452-334A	Nose gear, main gear, control system
		CA452-335A	Landing gear door, flap control
		CA452-336A	Flap control
		CA452-368	Main gear
		CA452-584	Landing gear door
PA-36-285,300,375	All	CA452-584	Elevator and elevator trim control
PA-42, PA-42-720	All	CA452-335A	Cabin door step, engine controls
PA-42-1000	All	CA452-412	Cabin door latch, nose landing gear, nose gear steering, elevator control
PA-44-180,180T	44-7995001 thru 44-8207020, 4495001 thru 4495013, 4496001 and on	CA452-334A	Nose landing gear, main gear
		CA452-335A	Landing gear door, aileron control, flap control
		CA452-336A	Aileron control, flap control
		CA452-584	Landing gear door
PA-46-310P,350P	46-8408001 thru 46-8608067, 4608001 thru 4608140, 4622001 thru 4622200	CA452-334A	Nose gear, nose and main gear door, actuation
		CA452-335A	Nose and main gear door actuation
		CA452-412	Flap drive - electrical
		CA452-860A	Flap drive - electrical, flap drive and hydraulic
PA-46-350P	4636001 and on	CA452-334A	Nose gear, nose and main gear door actuation
		CA452-335A	Main gear
		CA452-412	Flap Drive-Mechanical
		CA452-860A	Flap Drive-Mechanical
PA-46R-350T	4692001 and on	CA452-334A	Nose gear, nose and main gear door actuation
		CA452-335A	Main gear
		CA452-412	Flap Drive-Mechanical
		CA452-860A	Flap Drive-Mechanical
PA-46-500TP	4697002 with G1000, 4697340 with G1000, 4697399 and on with G1000	CA452-334A	Nose gear, nose gear door actuation
		CA452-335A	Main gear door actuation
		CA452-412	Flap Drive-Mechanical
		CA452-860A	Flap Drive-Mechanical
PA-46-500TP	4697001 and on without G1000	CA452-334A	Nose gear, nose and main gear door actuation
		CA452-335A	Nose and main gear door actuation
		CA452-412	Flap Drive-Mechanical
		CA452-860A	Flap Drive-Mechanical

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Save $$$ with FAA-PMA approval!

- Multiple FAA-PMA replacements: buy only the swivel fitting and stud, or get the swivel assembly!
- Heat-treated stainless steel
- Improved cone for less wire distortion
- MC70371-00 Swivel Assembly replaces Piper P/Ns 70371-00 or 70371-800. This full assembly includes the -002 fitting, the -003 stud, as well as AN320-3 castle shear nut, MS24665-132 cotter pin, and two special sized Piper specific washers
- Different stud lengths and swivel fitting sizes offered!


Swivel Assembly


Swivel Fitting & Stud

Aircraft	Serial Number	Part Number	Location: Aft Hydraulics	Airbox Installation	Baggage Door Assembly	Cabin Door Assembly	Cabin Heat	Cabin Pressure Control	Cabin Vent	Carb Heat and Mix Control	Cowl Flap Control	Engine Control	Fuel Control	Fuselage Press. Air Supply	Hand Brake	Heat and Defrost	Hopper Installation	Turbocharger	Ventilation	Windshield Defroster
J-3	All	MC70371-00											●							
		MC70371-002											●							
		MC70371-003											●							
J3 (Canadian), J3 (Converted TG-8 Glider), J3C-40, J3C-50, J3C-50S, J3C-65 (Army L-4,L-4A,B,H,J, Navy NE-1,2), J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65 (Army L-4D), J3F-65S, J3L, J3L-65 (Army L04C), J3L-65S, J3L-S, J3P	All	MC70371-002											●							
		MC70371-003											●							
J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C	All	MC70371-00											●							
		MC70371-002											●							
		MC70371-003											●							
PA-12	All	MC70371-00										●								
		MC91193-00										●								
PA-12S	All	MC91193-00										●								
PA-14	All	MC70371-00					●													
		MC70371-002					●													
		MC70371-003					●			●										
		MC91193-00								●		●								
PA-15	All	MC70371-003								●										
		MC91193-00											●							
PA-17	All	MC91193-00											●							
PA-18, PA-18 "105" (Special), PA-18 "125" (Army L-21A), PA-18 "135" (Army L-21B), PA-18 "150"	All	MC70371-002		●								●								
		MC70371-003		●								●					●			
		MC91193-00										●								
PA-18A, PA-18A "135", PA-18A "150", PA-18AS "125", PA-18AS "135", PA-18AS "150"	All	MC70371-002		●								●					●			
		MC70371-003		●								●					●			
		MC91193-00										●								
PA-18S, PA-18S "105" (Special), PA-18S "125", PA- 18S "135", PA-18S "150"	All	MC70371-002		●								●								
		MC70371-003		●								●					●			
		MC91193-00										●								
PA-20, PA-20 "115", PA-20 "135", PA-20S, PA-20S "115", PA-20S "135"	All	MC70371-00										●								
		MC91193-00										●								
PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-22S-135, PA-22S-150, PA-22S-160	All	MC70371-00										●								
		MC70371-002										●								
		MC70371-003										●								
		MC91193-00										●								
PA-23, PA-23-160	All	MC70371-00							●							●				
		MC91193-00			●	●						●								
PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250	All	MC70371-00														●				
	27-0001 thru 27-2222	MC91193-00			●	●														
	27-2223 thru 27-7954089				●	●							●							
PA-19 (Army L-18C), PA-19S	All	MC70371-002		●								●								
		MC70371-003		●								●					●			
		MC91193-00										●								

Eligibility continued on next page

New! Swivel Fittings and Studs continued

Save $$$ with FAA-PMA approval for Piper aircraft!

- Multiple FAA-PMA replacement options: buy only the swivel fitting and stud, or get the swivel assembly!
- Heat-treated stainless steel
- Improved cone for less wire distortion
- MC70371-00 Swivel Assembly replaces Piper P/Ns 70371-00 or 70371-800. This full assembly includes the -002 fitting, the -003 stud, as well as AN320-3 castle shear nut, MS24665-132 cotter pin, and two special sized Piper specific washers
- Different stud lengths and swivel fitting sizes offered!

Aircraft	Serial Number	Part Number	Location																		
			Aft Hydraulics	Airbox Installation	Baggage Door Assembly	Cabin Door Assembly	Cabin Heat	Cabin Pressure Control	Cabin Vent	Carb Heat and Mix Control	Cowl Flap Control	Engine Control	Fuel Control	Fuselage Press. Air Supply	Hand Brake	Heat and Defrost	Hopper Installation	Turbocharger	Ventilation	Windshield Defroster
PA-24, PA-24-250, PA-24-260, PA-24-400	All	MC70371-00					•													
		MC70371-002					•					•				•		•		
		MC70371-003					•					•				•		•		
		MC91193-00					•					•								
PA-28-140, PA-28-150, PA-28-160, PA-28-180	All	MC70371-00					•													
		MC70371-002					•		•			•								
		MC70371-003					•		•			•								
		MC91193-00					•					•								
PA-28-151	All	MC70371-002					•		•											
		MC70371-003					•													
		MC70371-005										•								
		MC70371-006										•								
PA-28-161	All	MC70371-002					•		•											
	2816001 thru 2816119	MC70371-003					•													
		MC70371-005										•								
		MC70371-006										•								
	2841001 thru 2842999	MC70371-003					•		•											
		MC70371-005										•								
		MC70371-006										•								
	28-7716001 thru 28-8616057	MC70371-003					•													
		MC70371-005										•								
		MC70371-006										•								
PA-28-181	2843001 thru 2843999	MC70371-002					•					•								
		MC70371-003					•					•								
PA-28-181	2890001 thru 2890231, 28-7690001 thru 28-8690062	MC70371-002					•					•							•	
		MC70371-003					•					•							•	
PA-28R-180, PA-28R-200, PA-28S-160, PA-28S-180	All	MC70371-00					•													
		MC70371-002					•		•			•								
		MC70371-003					•		•			•								
		MC91193-00					•					•								
PA-28-201T	All	MC70371-002										•				•			•	
		MC70371-003										•				•			•	
PA-28R-201, PA28R-201T, PA-28RT-201, PA-28RT-201T	All	MC70371-002										•							•	
		MC70371-003										•				•			•	
		MC91193-00										•				•				
PA-28-235	All	MC70371-00					•													
		MC70371-002					•		•			•								
		MC70371-003					•		•			•								
		MC91193-00					•					•								
PA-28-236	All	MC70371-002					•												•	
		MC70371-003					•												•	
PA-30	All	MC70371-002														•			•	
		MC70371-003										•				•			•	
PA-31, PA-31-300, PA-31-325	All	MC70371-00											•							
		MC70371-002							•			•			•	•			•	
		MC70371-003										•				•			•	
	31-2 thru 31-4	MC91193-00									•	•								
	31-5 thru 31-7912023										•	•	•							
	31-7912024 thru 31-8312019										•	•								

Eligibility continued on next page

New! Swivel Fittings and Studs continued

Save $$$ with FAA-PMA approval for Piper aircraft!

- Multiple FAA-PMA replacement options: buy only the swivel fitting and stud, or get the swivel assembly!
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- MC70371-00 Swivel Assembly replaces Piper P/Ns 70371-00 or 70371-800. This full assembly includes the -002 fitting, the -003 stud, as well as AN320-3 castle shear nut, MS24665-132 cotter pin, and two special sized Piper specific washers
- Different stud lengths and swivel fitting sizes offered!

Aircraft	Serial Number	Part Number	Location																	
			Aft Hydraulics	Airbox Installation	Baggage Door Assembly	Cabin Door Assembly	Cabin Heat	Cabin Pressure Control	Cabin Vent	Carb Heat and Mix Control	Cowl Flap Control	Engine Control	Fuel Control	Fuselage Press. Air Supply	Hand Brake	Heat and Defrost	Hopper Installation	Turbocharger	Ventilation	Windshield Defroster
PA-31-350	All	MC70371-002							•			•			•	•			•	
		MC70371-003										•				•			•	
	31-5001 thru 31-7305016	MC91193-00									•	•								
	31-7305017 thru 553002										•									
PA-31P	All	MC70371-00												•						
		MC70371-002													•					•
		MC70371-003						•												•
		MC70371-005											•							
	31P-1 thru 31P-2	MC91193-00											•							
	31P-3 thru 31P-7730003							•												
	31P-7730004 thru 31P-7730012												•							
PA-31P-350	All	MC70371-00												•						
		MC91193-00									•									
PA-31T	All	MC70371-00												•						
		MC70371-002							•						•					•
		MC70371-003						•	•											•
	31T-7400002 thru 31T-7720069	MC91193-00						•												
PA-31T1, PA-31T2	All	MC70371-00												•						
		MC70371-002							•						•					•
		MC70371-003						•	•											•
PA-32-260	All	MC70371-002					•					•			•					
		MC70371-003					•					•			•					
		MC91193-00										•								
PA-32-300	All	MC70371-002					•					•			•					
		MC70371-003					•					•			•					
PA-32-301, PA-32-301T	All	MC70371-002					•		•			•								
		MC70371-003					•		•			•								
PA-32-301FT, PA-32-301XTC	All	MC70371-002					•		•			•								
		MC70371-003					•		•			•								
PA-32R-300	All	MC70371-002					•					•			•					
		MC70371-003					•					•			•					
PA-32R-301, PA-32R-301T	All	MC70371-002					•		•			•								
		MC70371-003					•		•			•								
PA-32RT-300, PA-32RT-300T	All	MC70371-002					•		•			•								
		MC70371-003					•		•			•								
PA-32S-300	All	MC70371-002					•					•			•					
		MC70371-003					•					•			•					
PA-34-200	All	MC70371-002					•		•							•				
		MC70371-003					•		•											
PA-34-200T	All	MC70371-002							•							•				
		MC70371-003							•							•				
PA-34-220T	All	MC70371-002							•						•	•				
		MC70371-003							•						•	•				
PA-36-285, PA-36-300, PA-36-375	All	MC70371-002																	•	
		MC70371-003																	•	
PA-38-112	All	MC70371-002					•					•								
		MC70371-003					•					•								
PA-39	All	MC70371-002														•			•	
		MC70371-003										•				•			•	
PA-42, PA-42-1000	All	MC70371-002							•						•					
		MC70371-003							•											
PA-42-720, PA-42-720R	All	MC70371-002							•						•					
		MC70371-003							•											

Eligibility continued on next page

New! Swivel Fittings and Studs continued

Save $$$ with FAA-PMA approval for Piper aircraft!

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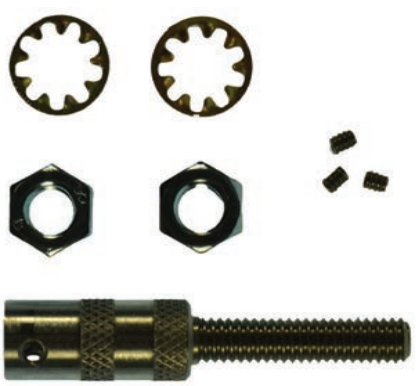
Aircraft	Serial Number	Part Number	Location: Aft Hydraulics	Airbox Installation	Baggage Door Assembly	Cabin Door Assembly	Cabin Heat	Cabin Pressure Control	Cabin Vent	Carb Heat and Mix Control	Cowl Flap Control	Engine Control	Fuel Control	Fuselage Press. Air Supply	Hand Brake	Heat and Defrost	Hopper Installation	TTurbocharger	Ventilation	Windshield Defroster
PA-44-180	All	MC70371-002													•	•			•	
		MC70371-003													•	•				
PA-46-310P	All	MC70371-002	•				•					•			•					
		MC70371-003	•				•					•			•					
		MC70371-005										•								
		MC70371-006										•								
PA-46-350P (w/G1000)	All	MC70371-002							•						•					
		MC70371-003							•						•					
		MC70371-005										•								
		MC70371-006										•								
PA-46-350P (w/o G1000)	4622001 thru 4622200	MC70371-002	•				•					•			•					
		MC70371-003	•				•					•			•					
		MC70371-005										•								
		MC70371-006										•								
	4636001 thru 4636999	MC70371-002							•						•					
		MC70371-003							•						•					
		MC70371-005										•								
		MC70371-006										•								
PA-46-500TP (w/G1000)	All	MC70371-002							•						•					
		MC70371-003							•						•					
PA-46-500TP (w/o G1000)	All	MC70371-002							•						•					
		MC70371-003							•						•					
PA-46R-350T (w/G1000)	All	MC70371-002							•						•					
		MC70371-003							•						•					
		MC70371-005										•								
		MC70371-006										•								
PA-46R-350T (w/o G1000)	All	MC70371-002							•						•					
		MC70371-003							•						•					
		MC70371-005										•								
		MC70371-006										•								

Slip Fit Conduit Terminals

P/N 6271 (for 0.188" diameter conduit)
P/N 7002 (for 0.258" diameter conduit)
M6x1 x 1.00 inch thread for easy adjustment

Three installation options:

(1) Free Fitting: Slip on the conduit
(2) Semi-Permanent: Secure to conduit with provided set screws
(3) Permanent: Epoxy to conduit with set screws



Conduit Terminal P/N 6424

May be used as a slip fit conduit terminal, or swaged, or epoxied onto the conduit
Fits 0.188” diameter conduit
OD is 0.25”

- 2 per control
- Stainless Steel



Barrel Stop Assembly P/N 6515

MCTL1014D series Turn-to-Lock Choke Controls
MCC101D series Non-Locking Choke Controls

- Attach to the carburetor choke arm
- No swaging or soldering necessary
- Accepts 1/16" wire





Conduit Clamps

Standard (AN742 Series)
MIL-SPEC standard clamps



Extra Grip (6317 Series)
Similar to standard AN742 clamps, but include a detent groove for better grip on coiled wire conduit.



Cushioned CJ Type MIL-Spec (MS21919WCJ Series)
Adel clamps for high temp application (see below).



Part Number	Material	Approx. Conduit Diameter
6317-3	Steel	3/16"
6317-4	Steel	1/4"
6317D3	Aluminum	3/16"
6317D4	Aluminum	1/4"
AN742-3	Steel	3/16"
AN742-4	Steel	1/4"
AN742D3	Aluminum	3/16"
AN742D4	Aluminum	1/4"

Maintenance Tip
McFarlane recommends using steel clamps near the engine or exhaust instead of aluminum clamps.

Adel Clamps (MS21919 W Series)

Loop type, cushioned support clamps, commonly referred to as "Adel Clamps" feature a wedge that is bonded to the cushion to prevent the escape of small wires when used for general purpose wire bundle clamping. Meets the requirements of Mil Spec MS21919.

Standard MS21919WDGXX Clamps

- Aluminum band with a chlorophrene cushion (black with blue stripe)
- For use in areas contaminated with petroleum based hydraulic fluids and occasional fuel splash
- Ozone resistant
- Rated to 212° F
- Not resistant to phosphate ester based fluids
- Supersedes MS21919-DG series without the wedge

High Temperature MS21919WCJXX Clamps

Won't get hard and brittle with engine temperatures!

- Corrosion resistant steel band with a blue fluorosilicone cushion
- Perfect for use in engine or other areas with elevated temperature and/or where petroleum based fluid contamination is present
- Ozone resistant
- Rated to 450° F
- Not resistant to phosphate ester based fluids

Tube/ Bundle O.D. (in)	Aluminum Band Chlorophrene Cushion: MS21919WDG Series	Corrosion Resistant Steel Band, Fluorosilicone Cushion: MS21919WCJ Series
1/8	MS21919WDG2	MS21919WCJ2
3/16	MS21919WDG3	MS21919WCJ3
1/4	MS21919WDG4	MS21919WCJ4
5/16	MS21919WDG5	MS21919WCJ5
3/8	MS21919WDG6	MS21919WCJ6
7/16	MS21919WDG7	MS21919WCJ7
1/2	MS21919WDG8	MS21919WCJ8
9/16	MS21919WDG9	MS21919WCJ9
5/8	MS21919WDG10	MS21919WCJ10
11/16	MS21919WDG11	MS21919WCJ11
3/4	MS21919WDG12	MS21919WCJ12
13/16	MS21919WDG13	MS21919WCJ13
7/8	MS21919WDG14	MS21919WCJ14
15/16	MS21919WDG15	MS21919WCJ15
1	MS21919WDG16	MS21919WCJ16


P/N MS21919WCJ2


P/N MS21919WCJ3


P/N MS21919WCJ4


P/N MS21919WCJ5


P/N MS21919WCJ7


P/N MS21919WCJ15

A little more expensive but will last a long time in firewall forward applications!


P/N MS21919WDG9


P/N MS21919WDG13


P/N MS21919WDG3


P/N MS21919WDG4

Throttle Return Springs

Stop throttle creep!
Kit P/N 7140

A common complaint about the Rotax 912/914 engines is that the throttle return springs are too strong. We stock a variety of springs so you can choose the one that best fits your application. All of our Throttle Controls for Rotax engines contain P/N 7140. A new design limits potential contact with adjacent parts. Individual springs can also be purchased, see table.
For use on non-certified aircraft.



Spring P/N	Relaxed Spring Length (max in)	Approx. Pre Load (lbf)	Spring Rate (lbf/in)
6822, Red, Left	1.6	1.5	2.1-2.7
7235, Blue, Right	1.6	1.5	2.1-2.7
Rotax Original	1.8 (approx.)	2.0	8-12 (approx.)

Throttle Hardware Kit for Rotax Engines

Dual Throttle Hardware Kit P/N 6408
Parts also available separately. For use on non-certified aircraft.

Slip Fit Conduit Terminal P/N 6271

- M6x1 x 1.00 inch thread for easy adjustment
- Three installation options — (1) Free Fitting: Slip on the conduit, (2) Semi-Permanent: Secure to conduit with provided set screws, (3) Permanent: Epoxy to conduit with set screws

Adjustable cable stops P/N 6270
Prevents damage to the carburetor from excessive pilot force at the idle-cutoff position.
If needed, install cable stop assembly on control wire(s). Locate stop so that when carburetor is at full idle, the cable stop is against part number 6271 conduit terminal.

Alternate Carburetor Arm Return Spring P/N 6822 (Red, Left) and 7235 (Blue, Right)

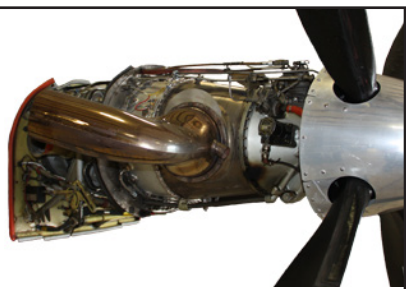
- Less than half the strength of the original stock Rotax springs
- Prevents throttle "creep" due to excessive return spring force
- Requires 1 per carburetor (2 per engine)
- Installer must determine whether this spring is appropriate for their application.

Kit contains:
2 each 6271 Slip Fit Conduit Terminal Assemblies, 2 each 6270 Adjustable Cable Stop Assemblies
1 each 6822 (Red, Left) and 7235 (Blue, Right) Spring, 1 each Hex Wrench



Parts for the Legendary Pratt & Whitney PT6 Engines

- In stock, no long lead times!
- Save $$$ on commonly replaced parts



P/N	Description	Eligibility
CA3011155	Fuel Transfer Tube	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 38, 41, 41AG, 42, 45A, 45B, 45R, 50, 60A, 61, 64, 65B, 65R, 65AG, 65AR, 67, 67A, 67B, 67D, 67R, 67AF, 67AG, 110, 112, 114, 114A, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3020030	Fuel Transfer Tube	PT6T-3, 3B, 6, ST6T-75, 76
CA3029566	Fuel Nozzle Gasket	PT6A-11, 11AG, 15AG, 110, 112, 114, 114A, 116, 21, 27, 28, 34, 34AG, 34B, 36, 135, 135A, 25, 25A, 25C, PT6T-3, 3B, BE, 6, 6B, PT6B-36, 36A, 36B
CA3029678	Fuel Nozzle Gasket	PT6A-6, 6A, 6B, 20, 20A, 20B
CA3101469-01	Fuel Manifold Gasket	PW118, 118A, 118B, 120A, 121, 123, 123AF, 123B, 123C, 123D, 123E, 125B, 126, 126A, 127B, 127D
CA3103345-01	Retainer Plate	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 38, 41, 41AG, 42, 45A, 45B,45R, 45AG, 50, 60A, 60AG, 61, 65B, 65R, 110, 112, 114, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3103346-01	Diaphragm	PT6-A38, 41, 41AG, 42, 45A, 45B, 45R, 45AG, 50, 65B, 65R
CA3103347-01	Diaphragm	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 110, 112, 114, 114A, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3110998-01	Prop Shaft Shim	PT6A, 60A, 65B, 65R, 65AR, 65AG
CA3118962-01	Gasket	PT6A-6, 6A,6B, 20A, 20B, 21, 25, 25A, 25C ,27
MS9371-16	Gasket	PT6



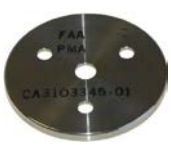
P/N CA3103347-01



P/N CA3029566



P/N CA3020030



P/N CA3103345-01



P/N CA3110998-01



P/N CA3101469-01



P/N CA3118962-01

Manufactured by PMA Products, Inc.

Motor Mount Bolt Lock Washer for Cessna Aircraft

P/N MC0851559-1

- Up to 4x the locking power!
- Stronger material allows FAA approval to eliminate the standard washer!
- Uniquely embossed for improved locking and no-slip during installation
- Designed with six tabs instead of two giving extra locking power
- Four lock washers required per engine

Easier to use!



Model
180F [1],G,H,J,K
182E,F,G,H,J,K,L,M,N,P,Q,R [2]
A182J,K,L,M,N/F182P,Q
185, 185A,B,C,D,E/A185E,F
188, 188A,B/A188/A188A,B/T188C
210-5 (205), 210-5A (205A)
P206, P206A,B,C,D,E, TP206A,B,C,D,E
206, U206, U206A,B,C,D,E,F,G
TU206A,B,C,D,E,F,G
207, 207A, T207, T207A
210,210A,B,C,D,E,F,G,H,J,K,L,M,N,R
P210N,R, T210F,G,H,J,K,L,M,N,R
310, 310B,C,D,F,G,H,I,J,K,L,N,P,Q,R
T310P,Q,R,
320D,E,F
411, 411A, 414
414A [3]

Notes:
[1] S/N 18051184 thru 18053203
[2] S/N 18253599 thru 18268615
[3] S/N 414A0001 thru 414A0680

Polymer Spinner Washers

Available in grey, clear, and yellow

- Won't fall off the screw! No more lost washers!
- Long lasting
- Flexible and tough

NEW



Manufactured by Marsh Brothers

Color	Qty Pack	P/N
Grey	5	M1026-5
	10	M1026-10
	25	M1026-25
Clear	5	M1027-5
	10	M1207-10
	25	M1027-25
Yellow	5	M1020-5
	10	M1020-10
	25	M1020-25

Nylon Washers

Industry standard washers

Part numbers: NAS1515H04L, NAS1515H06L, NAS1515H08L, NAS1515H3, NAS1515H4

- Protects aluminum surfaces under cowl, spinners, and fairing screws!
- These will not deform like soft washers

Sold in convenient 100 packs!

Spark Plug Gasket

Best price
Quantity discount!

P/N MS17840-1
18mm solid copper



Buss Fuses

Hard to find 9/32" OD
4AG/AGS/ABS Series



The 4AG series fuses are commonly specified in older aircraft. About 40 years ago, Buss superseded them to the obsolete AGS series fuses. Even this newer series has many aircraft owners struggling to find replacements.

The AGS fuses are now being replaced by ceramic ABS series of fuses that have the same electrical and thermal performance. McFarlane has all three series (4AG, AGS, ABS) with a mix of new and new surplus fuses in stock.

Note: AGC auto fuses are smaller (1/4" OD) with different thermal properties than 4AG/AGS/ABS fuses.

- Glass or ceramic tube, 9/32" X 1-1/4"
- Part numbers 4AG-#, AGS-#, or ABS-# Where # indicates current rating in Amps (1 to 40 Amps)
- Sold in packs of 5 each

Cowl Attach Plates and Bushings for Piper Aircraft

Bushing P/N MC69790-00 with Retaining Ring P/N MC484-840
Plate P/N MC69791-000 (Includes Bushing and Retaining Ring)

New bushing material. Stronger and more tough!

- High temperature stainless steel plates and retaining ring
- Bushing is made from high temperature/high strength thermoplastic that lasts longer than original Nylon and Teflon bushing materials!
- Each component sold separately



Plate with Bushing and Retaining Ring



Retaining Ring



Bushing



Save up to 25%

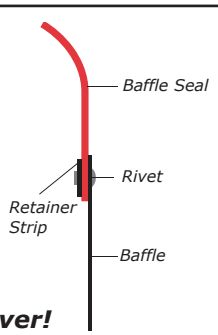
Model Series	Serial Numbers
PA-28-150	28-1761 and on
PA-28-160	28-1761 and on
PA-28-180	28-1761 and on
PA-28-181	28-7690001 and on
PA-28-235	28-10003 and on
PA-28R-180	28-30005 and on
PA-28R-200	28-35001 and on
PA-28R-201	All
PA-28RT-201	All
PA-32-260	All
PA-32-300	All
PA-32R-300	All
PA-32RT-300	All

Baffle Seal Retainer Strip

P/N 6036-012

Use as a retainer for riveting baffle seals to baffles

- 0.050 inch thick 6061-T6 aluminum
- Corrosion resistant
- Economical
- 7/16" X 12" strips (cut to length during installation)
- Clamps better than washers or light gauge sheet metal



Works great with our Cowl Saver!

Baffle Seal Rivet Kit

P/N RIVET-KIT-2

- Soft rivets that won't deform baffles
- Several sizes for various baffle thicknesses and hole sizes

RIVET-KIT-2	
Qty	**Rivet P/N**
100	MS20470A3-5
100	MS20470A4-5
100	MS20470A4-6
Rivets included are approx.	



NEW! Stainless Steel Exhaust Nuts and Studs

FAA-PMA approved for Continental and Lycoming engines

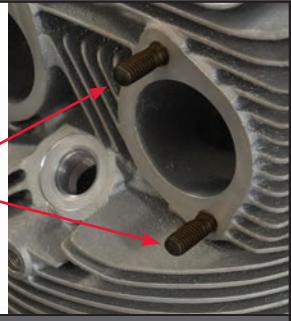
Save $$$

No more rust!

- Heat-treated, high-strength stainless alloy
- Less stress on the exhaust flanges and gaskets as the engine heats up and cools down
- Studs are nitrocarburized ***Black Max***™ coating to resist galling and corrosion
- ***Black Max***™ prevents galvanic corrosion between stainless and aluminum cylinder
- Stainless steel nuts are CAD plated — better on galvanized and stainless studs
- Saves labor and cost by lasting longer!

*These are the **good** ones!*





Nitrocarburized Black Max Exhaust Studs

Engine	Nominal P/N *Sold in 4 PK*	Oversized P/N [1] [2] *Sold in 2 PK*	L (In)	A Min (In)	Designation A	B Min (In)	Designation B
Continental	MC401885	MC401885P003 MC401885P007 MC401885P012	1.313	0.542	5/16-24 UNRF	0.663	5/16-18 UNR
Continental	MC401804	MC401804P003 MC401804P007 MC401804P012	1.059	0.530	1/4-28 UNRF	0.515	1/4-20 UNR
Continental	MC402044	MC402044P003 MC402044P007 MC402044P012	1.38	0.718	5/16-24 UNRF	0.582	5/16-18 UNR
Continental	MC401893	MC401893P003 MC401893P007 MC401893P012	1.246	0.667	1/4-28 UNRF	0.565	1/4-20 UNR
Continental	MC402151	MC402151P003 MC402151P007 MC402151P012	1.25	0.554	5/16-24 UNRF	0.524	5/16-18 UNR
Continental	MC657986-1.38	MC657986-1.38P003 MC657986-1.38P007 MC657986-1.38P012	1.383	0.713	5/16-24 UNRF	0.579	5/16-18 UNR
Continental	MC657985-1.38	MC657985-1.38P003 MC657985-1.38P007 MC657985-1.38P012	1.384	0.722	1/4-28 UNRF	0.531	1/4-20 UNR
Lycoming	MC25C-10	MC25C-10P03 MC25C-10P07 MC25C-10P12	1.249	0.479	1/4-20 UNRC	0.639	1/4-20 UNR
Lycoming	MC25C-11	MC25C-11P03 MC25C-11P07 MC25C-11P12	1.382	0.710	1/4-20 UNRC	0.598	1/4-20 UNR
Lycoming	MC25C-8	MC25C-8P03 MC25C-8P07 MC25C-8P12	1.000	0.331	1/4-20 UNRC	0.568	1/4-20 UNR
Lycoming	MC31-10	MC31-10P03 MC31-10P07 MC31-10P12	1.253	0.540	5/16-24 UNRF	0.654	5/16-18 UNR
Lycoming	MC31-12	MC31-12P03 MC31-12P07 MC31-12P12	1.498	0.567	5/16-24 UNRF	0.758	5/16-18 UNR
Lycoming	MC31C-10	MC31C-10P03 MC31C-10P07 MC31C-10P12	1.253	0.461	5/16-18 UNRC	0.629	5/16-18 UNR
Lycoming	MC31C-12	MC31C-12P03 MC31C-12P07 MC31C-12P12	1.497	0.514	5/16-18 UNRC	0.731	5/16-18 UNR
Lycoming	MC31C-13	MC31C-13P03 MC31C-13P07 MC31C-13P12	1.633	0.677	5/16-18 UNRC	0.765	5/16-18 UNR

Notes:

[1] Nominal studs with oversized offerings P03, P07, P12 denote the additional oversize in 0.01 inches.

[2] Nominal studs with oversized offerings P003, P007, P012 denote the additional oversize in 0.001 inches.

*See **Exhaust System** section for engine eligibility.*

Stainless Steel Exhaust Nuts

Engine	P/N Sold as Each	Type	Overall Height (H)	Flat to Flat (W)	Designation
Continental	MC22022	Standard	0.445 - 0.461	0.489 - 0.500	5/16-24 UNF
Continental	MS20500-428	Standard	0.320 - 0.328	0.430 - 0.439	1/4-28
Lycoming	MCSTD-37	Standard	0.258 - 0.273	0.489 - 0.500	5/16-24 UNF
Lycoming	MCSTD-1410	Standard	0.258 - 0.273	0.489 - 0.500	5/16-18 UNC
Lycoming	MCSTD-1411	Standard	0.212 - 0.226	0.488 - 0.505	1/4-20 UNJC

Fuel Valve Repair Kits, Seal Kits, Gaskets, Fittings, and O-rings

Repair Kits
P/Ns FSO-KT-1 thru FSO-KT-24



- Contains all required hardware to reseal and perform a repair
- Seals, springs, O-rings, roll pins, washers, screws, balls and plug
- FSO-KT-1 for 0716613 series valves includes the parts contained in Cessna P/N 0716613-200 and -201 seal kits plus additional hardware required for a basic repair
- All parts are FAA approved or certified industry standard hardware.

Many Cessna Fuel Valves (including 0716613 series) require special tools and processes for reassembly.
It's often more cost effective to have McFarlane overhaul your valve.

Seal Kits
P/Ns FSS-KT-1 thru FSS-KT-20
Only McFarlane has FAA approval to replace old, less fuel resistant O-rings with the latest fuel-proof fluorocarbon O-rings!

- Includes all necessary O-rings and/or gaskets applicable to specific single engine Cessna aircraft models
- Replace old MS or NAS series O-rings with Fluorocarbon for improved fuel and heat resistance
- Cork/Rubber gaskets meet tough government standards for fuel resistance

Gaskets, Fittings and O-rings



- Gaskets are available individually or as convenient kits
- O-rings are available in quantities of 10 each or as convenient kits!
- Commonly replaced AN fittings in stock!
- 45° plug P/N AN823-8D and 90° plug P/N MS20822-8D



Replacement Parts

- Complete line of replacement parts for Cessna fuel valves
- Detent plates, springs, plastic seals, cams and more in-stock!
- Common components for McFarlane and Cessna valves on following pages

Critial ordering tip: on models 172M and F172M, (S/Ns 17260759 thru 17267584, and F17200905 thru F17201514) that before ordering, you should identify the detent housing style of your current fuel valve. Order either MC0513120-8 or MC0513120-200 based on the style installed on your aircraft.

MC0513120-8 *MC0513120-200*

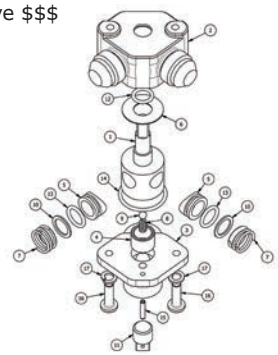


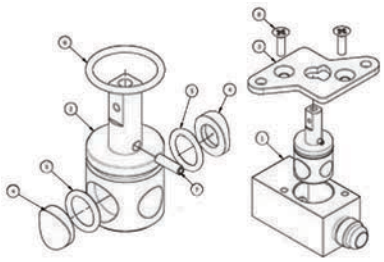
*See **Fuel System** section for aircraft eligibility.*

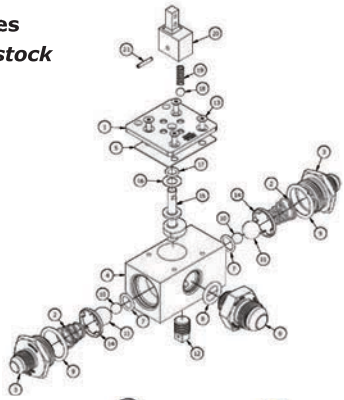
Replacement Parts for Fuel Selector and Fuel Shut-Off Valves

Available for McFarlane and Cessna original 150, 152, 170, 172, 175, 177, 182, and 185 Valves

- Unique and common components, like rotors, bodies, o-rings, seals, screws, washers, and more! ***In stock***
- Save $$$









*See **Fuel System** section for available replacement components for your aircraft!*

Fuel Quantity Transmitter Screw-Seal Assemblies for Cessna and Piper Aircraft

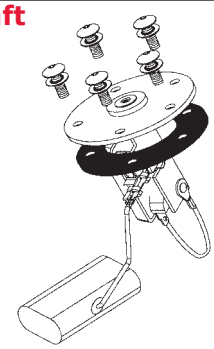
Gaskets also available!

See **Fuel System** section of the catalog for more information

Our **Cessna screw-seal assemblies** eliminate chronic problems associated with fuel quantity transmitter hardware. Hex drive head screws made from stainless steel eliminate the corrosion process. The hex drive promotes ease of installation and eliminates the necessity for destructive down pressure during transmitter screw removal and installation. The stainless steel/Viton seal used on the hex drive screw provides a positive seal around the screw. No more leaks and seeps!

McFarlane screw-seal assemblies for Piper aircraft use the same time proven seals as our Cessna screw/seal assemblies but use a slotted screw with safety wire holes.

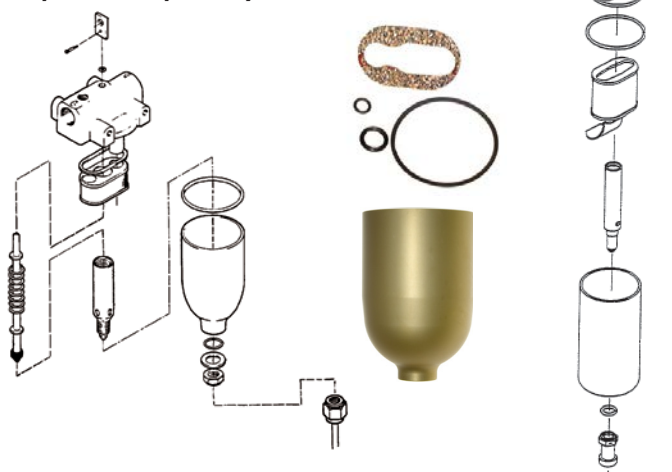




Fuel Strainer Parts for Cessna Aircraft

We offer fuel bowls, top assemblies, fuel bowl washers, fuel bowl nuts, standpipes, plungers, stainless steel washers for your plunger, fuel-proof flourocarbon O-rings, fuel strainer drain cables and fuel strainer seal kits.

Buy components separately or as convenient kits



*See **Fuel System** section for available replacement components and kits.*

Fuel Strainer Seal Kits for Piper Aircraft

PA-23 thru PA-46 seals, o-rings, and gaskets

Improved seal at half the price! Kits include both the upper and lower seal for one fuel strainer. Parts are available in kits or individually.

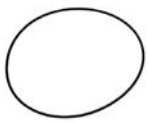


Gasket P/N CA751-871
O-ring P/N MS29513-043

O-ring P/N MS29513-008



O-ring
P/N MS29513-008



O-ring
P/N MS29513-043

*See **Fuel System** section for available kits.*

Tee Fitting

P/N MS20825-6D

Anodized aluminum alloy

Tube outer diameter: 3/8”
Tube Thread: 9/16-18
Pipe Thread: 1/4”



Bulk Wire and Hardware for Alcor Probes Installed in Garmin Units

Bulk Wire P/N 98214 and Hardware P/N 38091

- Wire bulk comes in 50 ft length
- Specifically designed for the Alcor probes in the table, but works with any Type K Alcor probes.

Garmin P/N	Alcor P/N	Description
494-700008-01	28202	CHT Adpater (used with probe 86252)
494-700002-00	86245	EGT/TIT Screw-In (7/16-20)
494-700008-00	86252	CHT Bayonet Style Type K (use adapter P/N 28202)
494-700001-00	86255	EGT Clamp Type K

Fuel Cap Cover Door Fastener

1/2 Turn
P/N CA26246-000
Manufactured by
PMA Products, Inc.



Aircraft Model
PA-24-180,250,260
PA-32-260,300,301
PA-32R-300
PA-32R-301 (S/N 32R-8013001, 321300 thru 3213028, and 3213030 thru 3213041)
PA-32RT-300
PA-30
PA-39

Control Cable Hardware

Over 100 certified aircraft control cable hardware part numbers in STOCK at discounted prices!!

- Balls, BM Series
- Balls, Single Shank, MS20664 Series
- Balls, Double Shank, MS20663 Series
- Barrels, Brass, MS21251 Series
- Bushings, AN111 Series
- Locking Clips, MS21256 Series
- Shackles, AN115 Series
- Sleeves, Tin and Zinc, MS51844 Series
- Special Terminals
- Straps, Eye and Fork NAS1435 Series
- Terminals, Eye, MS20668 Series
- Terminals, Fork, MS20667 Series
- Terminals, Stud, MS21259 Series
- Terminals, Turnbuckle MS21260 Series
- Thimbles, AN100 Series
- Turnbuckles, Clevis End, MS21252 Series
- Turnbuckles, Eye end for Pin, MS21254 Series
- Turnbuckles, Eye end for wire rope, MS21255 Series



McFarlane now manufactures NAS1435 and DOD QPL-781 qualified terminals

Aileron Bellcrank Bushing

P/N MC0422280

Qty 4 included in all applicable Cessna cable kits

- Use on all single engine Cessnas
- High strength alloy steel
- Replace when replacing aileron cables



Trim Wheel Shafts and Sprockets

Available for many Cessna 180 thru 210 models

See **Flight Control System** section for aircraft eligibility



MC0761205-9



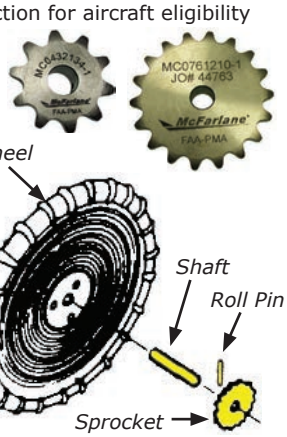
MC0761205-2



MC0713656-3



AD0761205-9



Control Yoke Universal Joint Hardware for Cessna Aircraft

Attaching hardware for Cessna Universal Joint
Complete kit available with the Universal Joint and all hardware included. See **Flight Control System** section for aircraft eligibility.



Hardware	Description
AN3-10A	Bolt
AN3-11A	Bolt
MS21044N3	Nut



P/N MC0411257
Universal Joint with protective sleeve

Tail Bushing and Spacer

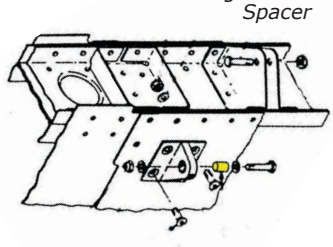
Save $$$

FAA-PMA approved for Cessna
Required when installing the STC'd Tail Cone Angle Kit

Bushing
P/N MC0760679-2
Stronger PEEK material, outlasts Delrin!

Spacer
P/N MC0732101-7
Heat-treated stainless steel for corrosion and wear resistance.





Aircraft
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D
185, 185A,B,C,D,E, A185E,F
A188B, T188C
210-5 (205), 210-5A (205A)
210B,C

Flap Wear Buttons

P/N S1093-1

- Prevents flap leading edge skin wear
- Nylon construction
- Available in 30 packs

Manufactured by Cessna



MCSK100 Flap Roller Service Kit for Cessna

Stops flap arm wear! Prevent costly flap arm replacement
A permanent solution to the wear problem at the aft wide roller locations

- Includes two stepped washers, a medium width roller, and bushing
- Stepped washers interlock with bushing for easy installation
- Replaces the aft wide roller and bushing
- FAA-PMA/STC approved (logbook entry only)
- Applicable to most single engine Cessna aircraft
- Economical!

*See **Flight Control Surface and Attaching Hardware** section for aircraft eligibility.*



Control Yoke Universal Joint Hardware for Piper Aircraft

Hardware for Piper Universal Joint
PA-28 thru PA-44
Complete kits available with the Universal Joint and all hardware, including the shaft, taper pins, taper reamer, drill bit, and other hardware to help comply with AD 2010-15-10 and Piper service bulletin 1197C. See **Flight Control System** section for details and aircraft eligibility.



Shaft
P/N 62716-004



Taper Pin
P/N AN386-1-6A



Nuts
P/N 404-156

Part Number	Description
AN386-1-6A	Taper Pin
NAS1149F0363P	Washer
AN975-3	Washer
404-526	Nut
404-156	Nut
6532	Taper Reamer
62716-007	Shaft
AN386-1-6A	Taper Pin
62716-004	Shaft



Universal Joints



CA62834-000SS

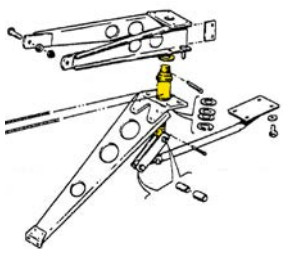


CA62834-802SS

Stabilator Trim Kits for Piper

Save time and $$$ with convenient kits!
Shafts and barrels manufactured by PMA Products.
Bearing manufactured by Piper.

PSTAB-KT-1 Components		
Description	**Part Number**	**Qty**
Trim Shaft	CA65246-100	1
Trim Barrel	CA63530-100	1
Bearing	452-413	2
PSTAB-KT-2 Components		
Description	**Part Number**	**Qty**
Trim Shaft	CA65246-002	1
Trim Barrel	CA96596-002	1
Bearing	452-413	2





*See **Flight Control System** section for aircraft eligibility.*

Trim Tab Screw Assembly Needle Bearing for Cessna Caravan

P/N MCS3895-1 Needle roller bearing fits all 208 and 208B aircraft. More details are available in the **Cessna Caravan Parts** section.



Flap Roller Kits for Cessna Aircraft

McFarlane offers a basic flap roller kit or an upgrade kit to address flap arm wear problems. Each flap roller kit contains enough components for one aircraft. All components are also available separately.

Basic kits
Rollers, bushings, shims and spacers where required

Upgrade kits
Rollers, bushings, shims, spacers where required, MCSK100 Flap Service Kits, wear washers, SEB95-3 Rev. 1 and hardware (nuts, bolts and washers)

See aircraft eligibility and kit components in the **Flight Control Surface and Attaching Hardware** section of the catalog.



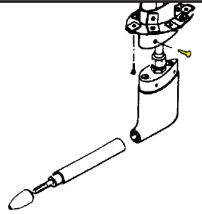
Pitot Tube Screws

P/N MS24693S224

- Replaces special extra fine thread AN507-640R4 screws
- Used on many pitot tube assemblies

Sold in 10 packs!





Rudder and Elevator Bushing Kits for Cessna

See **Flight Control Surface and Attaching Hardware** section for kit components

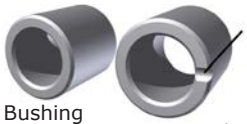
We offer two bushing sizes for each hinge location. This allows a selective fit and solves the common Cessna fit and interference problems.

- All components are also available separately
- Kits include all bushings, sintered bronze bearings, and hardware for one aircraft



Note: Kits do not include bellcrank bearings or bushings.

CONTROL HINGE BUSHING IDENTIFICATION



Model	Serial Number	Elevator Bushing Kit	Rudder Bushing Kit
120,140,140A	All	EBC-KT-6	RBC-KT-8
150,150A,B,C,D,E	All	EBC-KT-1	RBC-KT-1
150F,G,H,J	All	EBC-KT-1	RBC-KT-2
150K [1], A150K [1]	150K S/N 15071129 thru 15071621 and A150K S/N A1500001 thru A1500129	EBC-KT-1	RBC-KT-3
150K [1],L,M, A150K [1],L,M	150K S/N 15071622 thru 15072003 and A150K S/N A1500130 thru A1500226	EBC-KT-2	RBC-KT-3
A-150L, A-A150L	All	EBC-KT-2	RBC-KT-3
F150F,G,H,J	All	EBC-KT-1	RBC-KT-2
F150K,L [1], FA150K [1]	F150L S/N F15000659 thru F15000699, FA150K S/N FA1500001 thru FA1500039	EBC-KT-1	RBC-KT-3
F150L [1],M, FA150K [1],L,M	F150L S/N F15000700 thru F15001143, FA150K S/N FA1500040 thru FA1500081	EBC-KT-2	RBC-KT-3
FRA150L,M	All	EBC-KT-2	RBC-KT-3
152 [1], A152 [1]	152 S/N 15279406 thru 15285833 and A152 S/N A1520735 thru A1521025	EBC-KT-3	RBC-KT-3
	152 S/N 15285834 thru 15286033 and A152 S/N A1521026 thru A1521049	EBC-KT-4	RBC-KT-3
F152 [1], FA152 [1]	F152 S/N F15201429 thru F15201943 and FA152 S/N FA1520337 thru FA1520387	EBC-KT-3	RBC-KT-3
	F152 S/N F15201944 thru F15201980 and FA152 S/N FA1520388 thru FA1520425	EBC-KT-4	RBC-KT-3
170, 170A,B	All		RBC-KT-11
172, 175	172 S/N 28000 thru 46754 and 175 S/N 55001 thru 56238	EBC-KT-5	RBC-KT-4 or RBC-KT-4A [4]
172A,B,C [1], 175A,B,C [1]	172A,B,C S/N 46755 thru 17249085 and 175A,B,C S/N 56239 thru 17557064	EBC-KT-5	RBC-KT-5
172C [1], 175C [1]	172C S/N 17249086 thru 17249544 and 175C S/N 17557065 thru 17557119	EBC-KT-5	RBC-KT-6
172D,E,F,G,H,I,K,L,M,N,P[1]	S/N 17249545 thru 17275963	EBC-KT-5	RBC-KT-6
172P [1],Q,R,S	S/N 17275964 and On	EBC-KT-5	RBC-KT-7
172RG, P172D, R172K	All	EBC-KT-5	RBC-KT-6
F172D,E,F,G,H,K,L,M,N,P [1]	S/N F172-0001 thru F17202208	EBC-KT-5	RBC-KT-6
F172P [1]	S/N F17202209 thru F17202254	EBC-KT-5	RBC-KT-7
FP172, FR172E,F,G,H,J,K	All	EBC-KT-5	RBC-KT-6
177,177A,B,177RG,F177RG	All	No kit available	MC0532104K Bushing Only

[1] Partial model eligibility.

Rudder and Elevator Hinge Bearing Kits for Cessna Caravan Aircraft

See **Flight Control Surface and Attaching Hardware** section for aircraft eligibility

- Convenient kits include bearings and all attaching hardware
- Kits for aircraft equipped with and without hinge modification service kits
- One elevator kit and one rudder kit required per aircraft
- Industry standard hardware



Cessna issued several non-mandatory service bulletins and service kits for the rudder and elevator hinge bearings on the Caravan due to a corrosion issue with the needle bearing. The service kits require modification to the hinge structure (not just the bearing itself). The new bearing is a different size than the "original" design, so the mounting hardware is also different. Because of these structural changes, any aircraft that has had the service kits installed cannot use hardware from a non-service kit aircraft. McFarlane offers kits for both configurations.

EBC-KT-7 Components			EBC-KT-8 Components			RBC-KT-9 Components			RBC-KT-10 Components		
Qty	Part Number	Desc.	Qty	Part Number	Desc.	Qty	Part Number	Desc.	Qty	Part Number	Desc.
4	AN4-12	Bolt	4	AN5-10	Bolt	3	AN4-12	Bolt	3	AN4-11	Bolt
1	AN4-13	Bolt	1	AN5-13	Bolt	3	MS17825-4	Nut	3	MS17825-4	Nut
5	MS17825-4	Nut	5	MS17825-5	Nut	3	MS24665-134	Cotter Pin	3	MS24462-4	Bearing
4	MS24665-134	Cotter Pin	5	MS24461-5	Bearing	3	MS27641-4	Bearing	3	MS24665-134	Cotter Pin
1	MS24665-136	Cotter Pin	4	MS24665-134	Cotter Pin	3	NAS1149F0432P	Washer	3	NAS1149F0432P	Washer
5	MS27641-4	Bearing	1	MS24665-136	Cotter Pin	6	NAS1149F0463P	Washer	6	NAS1149F0463P	Washer
4	NAS1149F0432P	Washer	10	NAS1149F0563P	Washer						
6	NAS1149F0463P	Washer									

Kit Contents: (Components also available separately)

Elevator and Rudder Bearing Installation Tool for Cessna Aircraft

Makes pressing bearings in or out easy!
P/N 990
This unique tool is specifically designed to prevent damage when installing and removing ***sintered bronze*** rudder and elevator hinge bearings contained in kits EBC-KT-1 thru 5 and RBC-KT-1 thru 8.

- Eight piece kit for all sizes of sleeve bearings
- Heat treated stainless steel will last a lifetime
- Comes in a convenient storage pouch



Tail Tie Down Eye Bolts

Save $$$
FAA-PMA approved for the tail tie down for most Cessna aircraft, including 150 thru 337 models

- Also approved for wing and fuselage tie down for some aircraft
- Replace your tie down eye bolts if they are rusted, bent, or ground flat from a tail low landing

See **Flight Control Surface and Attaching Hardware** section for aircraft eligibility.



P/N MC0523613-1



P/N MC0422344



P/N MC0523613-4

Aileron and Elevator Bearing for Cessna

P/N MS24461-4
Used as aileron and elevator bearings on many single engine Cessna aircraft.



Supersedure Table	
4NBC612ZP	Use MS24461-4
4NCC910P	Use MS24462-4
AR4-1	Use MS24462-4
NAS296-4A	Use MS24462-4
NAS505-4	Use MS24461-4
NAS506-4	Use MS24462-4

Hinge and Bellcrank Bearing for Cessna

P/N MS24462-4
Hard to find, frequently replaced!
Buy from McFarlane and save $$$



Aircraft Model	Aileron Hinge	Elevator Bellcrank	Center Elev. Hinge	Rudder Hinge	Elevator Hinge	Rudder Bellcrank
172, 175						1
177, 177A,B, 177RG, F177RG	6					
180, 180A,B,C,D,E,F,G,H,J,K			1		4	
182, 182A,B,C,D			1		4	
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T, A182J,K,L,N, F182P,Q, FR182, R182, T182, T182T, TR182			1		4 [1]	
185, 185A,B,C,D,E, A185E,F			1		4	
188, 188A,B, A188, A188A, A188B, T188C	6				4	
210-5 (205), 210-5A (205A)			1	1	4	
206, U206, U206A,B,C,D,E	4		1		4	
206H, T206H	4	1	1		4 [2]	
P206, P206A,B,C,D,E	4		1			
TP206A,B,C,D,E, TU206A,B,C,D,E	4		1		4	
TU206F,G, U206F,G			1		4	
207, 207A, T207, T207A	4	1	1		4	
210, 210A			1		4	
210B,C			1	1	4	
210D,E,F	4	1	1	1	4	
210G,H,J			1		4	
210K,L,M	6	1	2		4	
210N,R	6	1	1		4	
P210N	6	1	1			
P210R	6	1	1		4	
T210F	4	1	1	1	2	
T210G,H,J			1		4	
T210K,L,M	6	1	2		4	
T210N,R	6	1	1		4	

[1] 182T S/N 18280945 thru 1821642; T182T S/N 18208001 thru 18208447 only
[2] For installation on 206H, T206H S/N 20608001 thru 20608956 & T20608001 thru T20608956 only

Original Cessna Shimmy Dampener Parts

Shaft, head bearings, piston, and convenient kits

See **Landing and Nose Gear** section for new Shimmy Dampener assemblies, related parts, and aircraft eligibility.

Repair kits also available! Including the piston, snap rings, and o-rings.



P/N MC0542102-1
Head Bearing
(1 5/16″ diameter)



P/N MC0542102-3
Head Bearing
(1 3/16″ diameter)



P/N MC0842400-3
Piston

Piston Assemblies include pre-assembled shaft, head bearing, piston, head bearing o-rings, and roll pin.



Piston Assembly
P/N MC0542118-5
(with 1 3/16″ head bearing)

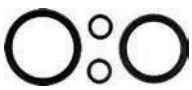
Hardware Kit
P/N SDKT-4
Includes all nuts, bolts, washers, cotter keys, and bushings to attach the shimmy dampener to the nose strut.



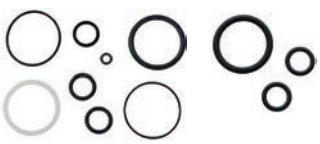


Piston Assembly
P/N MC0542118-1
(with 1 5/16″ head bearing)

Seal Kit
P/N SDKT-1
Includes all necessary o-rings and backup rings.



Seal Kits
P/N SDKT-5 and SDKT-6
Includes all necessary o-rings and backup rings.



Maintenance Tip:
Measure the diameter of the head bearing to determine the correct piston assembly or repair kit. Always replace worn head bearings as they keep the shaft and piston in alignment. Support the shaft well when replacing the piston.

Seal Kit
P/N SDKT-7
Designed specifically to re-seal our Shimmy Dampener P/N MC0442512-1.
Includes all required O-rings and back up rings.



Nose Wheel Steering Rod Hardware for Cessna Aircraft

Replacement Nose Wheel Steering Rods and Boots available for Cessna 150 thru 182, see **Landing and Nose Gear** section for more details.

Replacement Sprocket
P/N MC0760630-1
Anodized to prevent corrosion and wear.
For Cessna 182E thru 182T





Late 182 Steering Rod
P/N MC0760622-1

Replacement Rod Ends
P/N MC0760630-1
For Cessna 150 thru T182T models



P/N S1823-3



P/N S1107-3



P/N MCMM3M12

Model	Rod End (2 per A/C)
150, 150A,B,C,D,E,F,G,H	S1107-3
150J,K,L,M	S1823-3
A150K,L,M	S1823-3
F150F,G,H	S1823-3
F150J,K,L,M, FA150K,L	S1823-3
FRA150L,M	S1823-3
152, A152, F152, FA152	S1823-3
172, 172A	S1107-3
172B,C	S1107-3
172D,E,F,G,H,I,K,L,M,N,P,Q	S1823-3
F172D,E,F,G,H,K,L,M,N,P	S1823-3
FP172	S1823-3
FR172E,F,G,H,J,K	S1823-3
P172	S1823-3
R172E,F,G,H,K [1]	S1823-3
172R,S	S1823-3
175, 175A,B,C	S1107-3
177, 177A,B [1]	S1823-3
182,182A,B,C,D	S1107-3
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T F182P,Q, T182, T182T	MCMM3M12

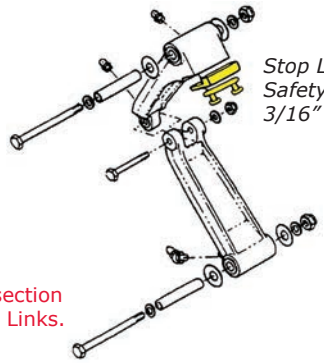
[1] Quantity (1) Rod End required per aircraft.

Torque Link Stop Lugs and Safety Plate for Cessna Aircraft

Replace worn out stop lugs to reduce drag!

This often overlooked but important part is affordable at McFarlane! The torque link stop lug is a sacrificial part that hammers against a flat spot on the lower part of the shock strut outer tube when the strut extends after take off. This prevents the strut from overextending and forces the nose wheel and rudder system into proper alignment for flight.

Due to repeated hammering with every takeoff, these stop lugs must be periodically replaced. Excessive wear can allow overextension of the strut. They also often wear unevenly resulting in inconsistent alignment of the nose wheel in flight which then causes extra drag and yaw. The extra yaw can require increased rudder trim which causes even more drag. So yes, replacing a torque link stop lug can reduce drag!



- Safety plate features bend up tabs to secure stop lug bolts
- Super tough 4130 alloy steel
- Kits include stop lug, safety plate and applicable 3/16" bolts.

See **Landing and Nose Gear** section for aircraft eligibility and Torque Links.

More important than you think!

Overextension of the nose strut due to a worn out stop lug can lead to a cascade of problems. McFarlane A&P mechanics have seen struts over extend to the point where the metering pin comes out of the orifice. This results in loss of dampening action and the pin hammering the orifice every landing and distorting and enlarging it. Over time, the excess nose strut travel and lack of dampening can result in fatigue cracks in the torque link arms. McFarlane recommends thoroughly inspecting all nose strut components when replacing a severely worn stop lug.



Maintenance Tip:
Replace the stop lug if it is no longer flush with the strut, mushroomed, worn rounded, bent away from the torque link, or if it has stress cracks. The safety plate should not be reused.

Cessna Nose Gear Torque Link Repair Kits

FAA-PMA approved P/Ns TL-KT-1 thru TL-KT-11

Includes all commonly replaced torque link parts in a convenient kit: Bushings, Spacers, Shims, Nuts, Bolts, Washers and Cotter Pins

Cessna Nose Gear Torque Link Shim Kit

Eliminates undamped torque link motion to prevent shimmy

Only McFarlane has four shim sizes for a precision fit!
Now made with stainless steel.

P/N TL-SHIM-KT-1 contains:

(2) MCS1450-6B14-007 0.007" Thick
(5) MCS1450-6B14-010 0.010" Thick
(2) MCS1450-6B14-012 0.012" Thick
(2) MCS1450-6B14-015 0.015" Thick



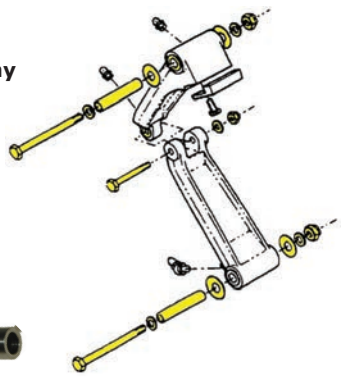
Cessna Torque Link Spacers

P/N MC0543047-1 and MC0543047-2

Tightly controlled minimal end chamfer maximizes bearing surface between spacer and fork to ensure a secure clamp and prevent fork wear.



Prevents nose wheel shimmy!



NAS1149F0316P Ultra-Thin Washers

Hard to find 3/16" ID, 0.016" thick standard steel washers are useful for fine tuning the center "knee" joint fit on most Cessna torque links. Available in packs of 5.



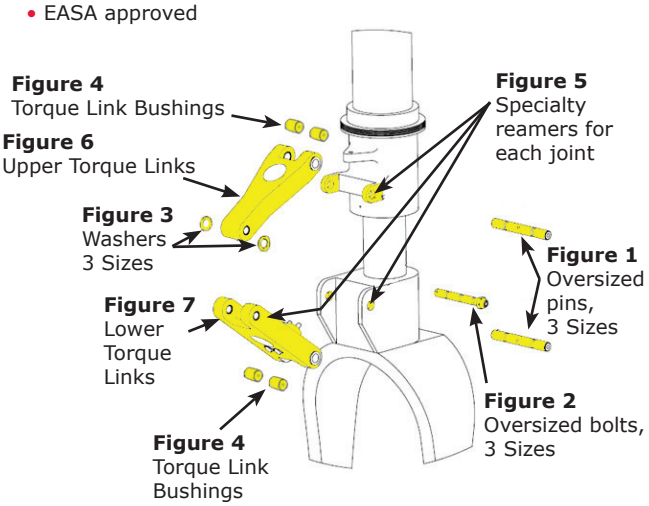
Not included in torque link kits

See **Landing and Nose Gear** section for aircraft eligibility.

Cessna Caravan Torque Link Repair STC

Minimal downtime repair and dramatically reduced nose gear swaps

- Save over $15,000
- Reduce downtime by repairing in the field
- Convenient tool kit allows for on-airplane repair
- EASA approved



Fits all Cessna 208/208B with "double lug" torque links. Includes all S/N's after 2080133/208B0098 or earlier S/N's equipped with SK208-51.

Fig	Part Number	Description	FAA
5	TOOL KIT .010	REAMERS, Oversized .010 - short and long piloted reamers + tap handle	STC
5	TOOL KIT .020	REAMERS, Oversized .020 - short and long piloted reamers + tap handle	STC
5	TOOL KIT .030	REAMERS, Oversized .030 - short and long piloted reamers + tap handle	STC
5	TOOL KIT 32-604-56-01	REAMERS, all three sizes	STC
6	AF2643084-1	Upper Torque Link	PMA
7	AF2643084-2	Lower Torque Link	PMA
1	AF2643091-1	PIN, Nominal	PMA
1	AF2643091-1010	PIN, Oversize .010	PMA
1	AF2643091-1020	PIN, Oversize .020	PMA
1	AF2643091-1030	PIN, Oversize .030	PMA
2	AF2643092-1	BOLT, Nominal	PMA
2	AF2643092-1010	BOLT, Oversize .010	PMA
2	AF2643092-1020	BOLT, Oversize .020	PMA
2	AF2643092-1030	BOLT, Oversize .030	PMA
3	32-604-37-22005	WASHER, .005 thickness	STC
3	32-604-37-22010	WASHER, .010 thickness	STC
3	32-604-37-22015	WASHER, .016 thickness	STC
4	AF2643085-200	BUSHING, Torque Link	PMA
	STC-TORQUE LINK	Torque Link STC	STC

Nose Gear Bearings

FAA-PMA approved for Cessna aircraft

Ring Pack Support
P/N MCAJB-32T-4

Save $$$
In stock!

- Stainless steel for corrosion resistance
- PFTE composite-lined for smoother strut action
- Liner holds oil for longer life
- Easy on your chrome strut

Shock Strut Bearing
P/N MC1243021-1

- Save $$$

Shock Strut Bearing
P/N MC1243021-1



Ring Pack Support
P/N MCAJB-32T-4





Bearing P/N MC1243021-1
150, 150A,B,C,D,E,F,G,H,J,L,M, A150K,L, A150M, F150F,GKL,M, FA150K,L,M
152, A152, F152, FA152
172, 172A,B,C,D,E,F,G,H,I,K,L, 172M,N,P,Q,R,RG,S, F172D,E,F,G,H,K,L,M,N,P, FP172D,E, FR172F,G, R172E,F,G,H,K
175, 175A,B,C
177RG
182, 182A,B,C,D,E,F,G,H,J,K,L, 182M,N,P,Q,R,S,T, F182Q, FR182, R182, T182, T182T
210-5A (205A)
206, 206H, P206, P206A,B,C,D,E, TU206F, TU206G, U206, U206A,B,C,D,E,F,G
207, 207A, T207, T207A
210, 210A,B,C,D,E,G,H,J,K,L,M,N,R, P210N, P210R
310, 310B,C,D,F,G,H,I,J,J-1,K,L,N,P,Q
320, 320-1, 320A,B,C,D
336
337, 337A,B,C,D,E,F,G,H, F337G,H, P337H
411, 411A

Ring Pack P/N MCAJB-32T-4
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150K,L,M, F150F,G,H,J,K,L,M, FA150K,L,M
152, A152, F152, FA152
172, 172A,B,C,D,E,F,G,H,I,K,L,M, 172N,P,Q,R,RG,S, F172D,E,F,G,H, F172K,L,M,N,P, FR172E,F,G,H,J,K, P172D, R172E,F,G,H,K
175, 175A,B,C
177RG, F177RG
182, 182A,B,C,D,E,F,G,H,J,K,L, 182M,N,P,Q,R,S,T, FR182, R182, T182, T182T, TR182
210-5A (205A)
206, 206H, P206, P206A,B,C,D,E, T206H, TU206F,G, U206, U206A,B,C,D,E,F,G
207, 207A, T207, T207A
210, 210A,B,C,D,E,G,H,J, K,L,M,N,R, P210N,R, T210G,H
T303
310, 310B,C,D,F,G,H,I,J,K, L,N,P,Q,R, T310P,Q,R
320, 320-1, 320A,B,C,D
335
336
337, 337A,B,C,D,E,F,G,H, F337E,F,G, FT337E,F, P337H, T337E,F
340, 340A
401, 401A,B
402, 402A,B,C
404
411, 411A
414, 414A
421, 421A,B,C
425
441

Nose Gear Quad Ring

P/N CA484-770
Fits Piper Models
PA-28-140,150,151,160,161, PA-28-180,181,235,236, PA-32-260,300,301,301T



Main Gear Scraper Ring

P/N MS28776M2-18
Fits Piper Models
PA-28-140,150,151,161, PA-28-180,181,235,236, PA-32-260,300



Main Gear Quad Ring

P/N CA484-769
Fits Piper Models
PA-28-140,150,151,160,161, PA-28-180,181,235,236,201T, PA-32, PA-32-260,300,301,301T



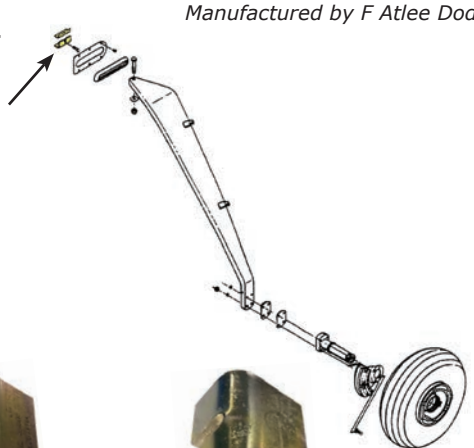
Mfg by PMA Products, Inc.

Landing Gear Box Shims

For Cessna aircraft using leaf spring landing gear

- 4130N steel, plated
- FAA-PMA

Manufactured by F Atlee Dodge



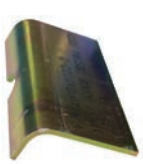
Model	AD0441023-2 [1]	AD0741022-1 [3]	AD0741022-2 [4]	AD0441023-160 [2]
	Qty per Aircraft			
120, 140, 140A		A/R		
150A	2-4	A/R		
150B,C,D,E,F,G,H,J,K	2-4	A/R		2
A150K				2
A150L, F150F,G,H,J	2-4	A/R		
F150K, FA150K	2-4	A/R		2
170, 170A,B		A/R		
180, 180A,B,C,D,E		A/R		
180F	2-4	A/R		
180G,H,J,K	2-4	A/R		A/R
180J,K	2-4	A/R	A/R	A/R
185, 185A,B,C,D,E, A185E	2-4	A/R		A/R
A185F	2-4	A/R	A/R	A/R
190, 195A,B		A/R		

[1] 0.100" tapered shim
[2] 0.160" tapered shim
[3] 0.040" shim
[4] 0.050" shim

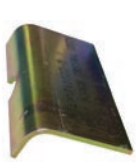


P/N AD0441023-2
0.100" Tapered Shim

P/N AD0441023-160
0.160" Tapered Shim



P/N AD0741022-1
0.040" Shim

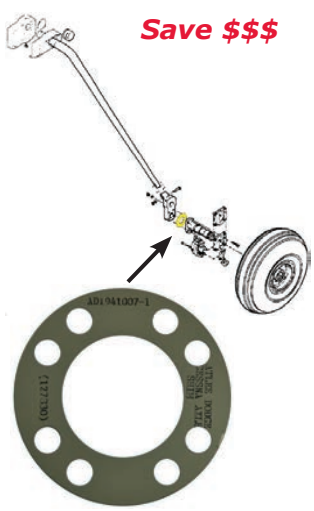


P/N AD0741022-2
0.050" Shim

Landing Gear Axle Shim

Tapered shim to adjust axle alignment
P/N AD1941007-1
FAA-PMA approved for 207, 207A, T207, T207A
(2) per aircraft

Save $$$

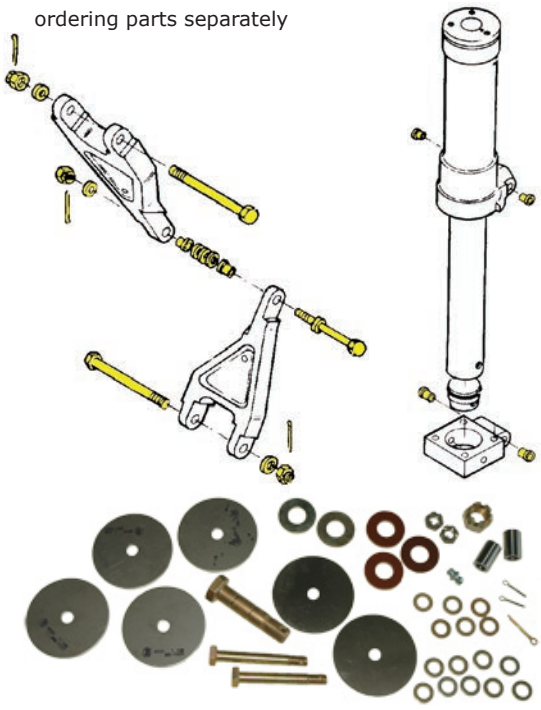


Manufactured by F Atlee Dodge

Nose Gear Torque Link Repair Kits for Piper Aircraft

Prevents shimmy by removing looseness in torque links! See **Landing and Nose Gear** section for aircraft eligibility

- Replaces all common wear torque link components
- Fits most Piper aircraft
- Contains FAA-PMA parts from PMA Products, standard hardware, or original Piper parts
- Save time and $$$! No more research or ordering parts separately

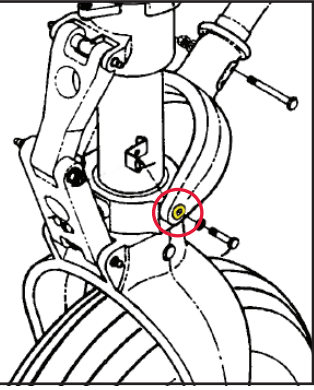


Nose Gear Spring Fork Needle Bearing for Caravan

P/N MS24462-5

- Fits all Cessna 208 models
- 2 required per aircraft
- Save up to 25%

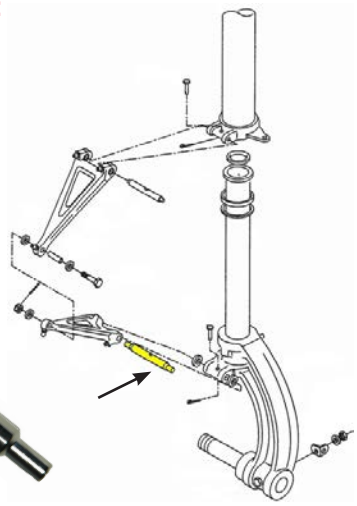




Tow Pin for Beechcraft

P/N RA60-820029-1





Aircraft
35-A33, 35-B33, 35-C33, 35-C33A, E33,F33, G33, E33A, F33A, F33C
N35, P35, S35, V35, V35A, V35B
36,A36,A36TC,B36TC,
95-55, 95-A55, 95-B55, 95-C55, D55,E55
56TC, A56TC
58, 58TC, 58P
B60

Manufactured by Rapco

Main Gear Trunnion Bearing for SAAB 340 series

P/N CAIR130986 and P/N CAIR130988

FAA-PMA approved for 340 series, S/N 004 thru 999

Manufactured by PMA Products, Inc.



P/N CAIR130988



P/N CAIR130986

Nose Gear Shims for Cessna Aircraft

Just the right fit to remove excessive vertical free play between the collar and strut housing!

- Available in three thicknesses (.006), (.012), and (.020)
- Get exactly what you need, not more!
- Save $$$



Manufactured by Textron

Aircraft	P/N	Thickness
150, A150, 152, A152, 172, 182, T182	1243030-5	0.006
	1243030-6	0.012
	1243030-7	0.020

Nose Gear Shock Strut Bearing Cups and Cones for Caravan

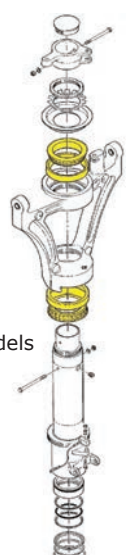
Bearing Cup
P/N L217813-20629



Bearing Cone
P/N L217849-20629

- Fits all Cessna 208 models
- 2 required per aircraft





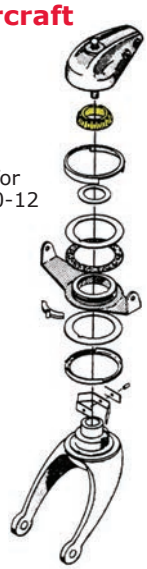
Mfg by The Timken Company

Tail Wheel Fork Bearing for Cessna Aircraft

Bearing Cup
P/N 08231-20629

Bearing Cone
P/N 08118-20629

Direct replacement for Cessna P/N 0742400-12



Mfg by The Timken Company

Door Cables

FAA-PMA for Cessna, Piper, and Beech

Custom options also available



Don't settle for the factory color!
Choose a color to best match your interior

We also offer hand-stitched leather!



McFarlane®

*See **Door and Step** section of the catalog*

Silicone Covering Color Chart		
Description	**Color Suffix**	
Dark Black (matte) Fed Spec 17038		**-DKBK2**
Dark Black (semi-gloss) Fed Spec 17038		**-DKBK1**
Black Fed Spec 27038		**-DKBK0**
Dark Gray Fed Spec 26008		**-DKGY0**
Dark Gray Fed Spec 36173		**-DKGY1**
Light Gray Vendor Color #K76169		**-LTGY1**
White Fed Spec 37150		**-LTWT0**
Gray Pantone 409C		**-LTGY0**
Butternut/Brown Fed Spec 30145		**-MDBN0**
Green Pantone 5783U		**-LTGN0**
Translucent (no color)		**-LTTL0**

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ANTI CORROSION FORMULA

A CPC program with ACF-50 every two years
puts airframe corrosion in a permanent holding pattern.
It keeps avionic and electrical systems corrosion free.
30+ yrs performance by Military and Civilian fleet operators.

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KNOTS 2U, LTD.

#1 MANUFACTURER OF QUALITY FIBERGLASS REPLACEMENT PARTS





For over 40 years Knots 2U has produced the highest quality fiberglass replacement parts on the market. Unlike plastic, fiberglass is designed to last the life of the airframe.

Knots 2Us proprietary lay-up produces a lightweight yet very strong part that wont crack or warp in service.

When you're ready to replace your wing tips or fairings,

Knots 2U has the parts you will need!

APS Brake Lining Retaining Rivets and Pins

Lining retaining pins are used on various metallic brake linings and rivets are used on various organic brake linings.
Retaining pins are sold individually and rivets are sold in packages of 25.

Part Number	Description	Head Diameter	Shank Diameter
APS105-00200	Rivet	5/16"	5/32"
APS105-06700	Rivet	5/16"	3/16"
APS177-00300	Pin	5/16"	5/32"
APS177-00400	Pin	5/16"	3/16"
APS177-01600	Pin	3/8"	3/16"



P/N APS105-00200



P/N APS177-00300

Seat Rail Rivet and Screw Kits

See **Cargo and Seat Components** section for aircraft eligibility

McFarlane offers either rivets or screws as convenient kits containing AN and MS hardware. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi with lock nuts provided the holes are ream fit and spotfaced. Each kit contains enough rivets or screws to install four seat rails. These kits do not contain all required hardware for Cessna model 177 seat rails.
Installation hardware items are also available separately.

FAA General Aviation Airworthiness
Information Bulletin CE-90-03R2, 08/26/2002
Original Issue 01/16/1991

This alert gives direction for the replacement of seat rails for most Cessna airplanes as required by AD 87-20-03R2. It advises all owners and operators of the necessity to install all required fasteners when seat rails are being replaced.

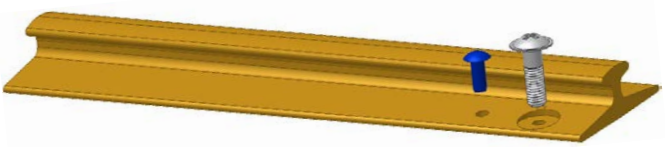
Many seat rails are manufactured with pilot holes only and do not contain all holes required for installation of the seat rail in the airplane. It is, therefore, necessary for the installer to assure that there are sufficient holes to accommodate all required fasteners.

Note these recommendations:

1. When replacing a seat rail, note the number and location of all fastener holes on the seat rail being removed.
2. Match these holes against the holes in the replacement seat rail. If the replacement seat rail does not have all of the same holes at the same locations, they must be drilled.
3. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi.

   Example of such screws are AN515, AN520, AN525, MS35206, MS35207, MS35214, MS35215, MS35218, MS35219, MS51957 or MS51958 with lock nuts, provided the holes are ream fit and spotfaced.

   For further information contact your local FAA office.



Spotface Kit

Kit P/N SPOTFACE KIT

Contains a tool used with an electric drill to make a flat spot for screws. Cutter comes with three pilots.

Components sold as a kit or separately by part number.

Now modified for rail cap clearance!





Spotface Kit Components	
Description	**Part Number**
Cutter	6080
1/8" Pilot	6078
5/32" Pilot	6076
3/16" Pilot	6077
Pouch	6090

Seat Rollers and Bushings for Piper Aircraft

Newly added P/N CA65003-047 and P/N CA95061-106 Bushings!

See aircraft eligibility, Seat Rollers, and Seat Rails available for Piper in the **Cargo and Seat Components** section.

- Direct replacement
- Save $$$



P/N MS24462-4 also available!



P/N CA18968-000



P/N CA87332-002



Bushing

Seat Roller Kits for Cessna Aircraft

Now also approved for 300-400 series aircraft!

McFarlane seat parts were developed to assist in complying with the parts replacement requirements of FAA Airworthiness Directive 87-20-03. This AD requires the periodic inspection and replacement of seat components of the entire Cessna light aircraft fleet. Our parts are direct replacements for the wear related seat components. All parts are available individually or as convenient kits.

Rollers

- Fabricated from molydisulfide filled nylon for improved strength and self-lubrication
- Fully machined from extruded stock for a finer surface finish and higher strength



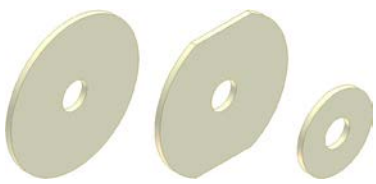
Bushings

- Machined from alloy steel
- Longer life
- Greater wear resistance



Washers

- Super tough acetyl plastic
- Resists wear and aging
- MC1714000-41 full round washer also available



Choose the Correct Kit

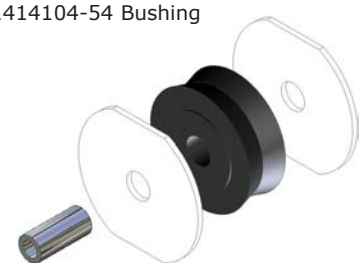
The seat related replacement parts are not serial number specific, as the type of seat installed in the aircraft was optional when the aircraft was ordered from the factory. A common seat configuration is the pilot seat being "articulating" or "infinitely adjustable" while the co-pilot seat is the "standard" or "vertically adjustable" style. ***One kit per seat is required.***

The most positive way to ensure that you are choosing the proper seat kit for your aircraft is to measure the rollers.

SEAT-KT-1

Roller diameter approximately 1 3/8″ This kit is used with the "infinitely adjustable" or "articulating" seats installed in Cessna single engine aircraft from 1963 thru 1986. Two adjustment crank handles identify this seat. The backrest angle is adjusted with a crank. It is also used with some 336-337 series aircraft. The SEAT-KT-1 contains the same components as four of the Cessna 1714000K200 kits. *All seats in the 177 Cardinal will use the large seat roller and require this kit. These parts are not used on models 150-152.*

(8) MC1714000-22 Washer
(4) MCS1704-1 Roller
(4) MC1414104-54 Bushing



SEAT-KT-2

Roller diameter approximately 5/8″
This kit is used with the "Standard" or "Vertically adjustable" seat installed in Cessna single engine aircraft from 1963 through 1986. This seat is identified by one or no adjustment crank handles. The seat back angle is adjusted with a lever on the side of the seat back. It is also used with some 336-337 series aircraft. The SEAT-KT-2 contains the same components as four of the Cessna 1414100-212 kits.

These parts are not used on C150-152.

(8) MCS1554-1 Washer
(4) MCS1551-1 Roller
(4) MC1414104-54 Bushing



SEAT-KT-3

Roller diameter approximately 7/8″ with no wear washers
This kit is used with all Cessna 150-152 seats and all Cessna single engine aircraft built before 1963. *A welded steel tubing seat frame easily identifies these seats.* It is also used with some Cessna twin engine aircraft.

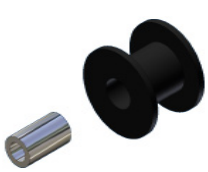
(4) MC0311310 Roller
(4) MC0311586 Bushing



Obsolete Roller 1964-1965

Cessna aircraft manufactured in 1964 and 1965 had a spool shape roller with a smaller bushing. Use SEAT-KT-2 to replace this style roller.

The complete kit must be used, as the bushing size is different.



Quick Disconnect Studs

12-Jaw Seat/Cargo Tie Down Quick Disconnect Adapters also available.
See **Cargo and Seat Components** section

- Spring loaded ring locks jaws around stud, and spring loaded lock pin prevents accidental release.
- Use with seat cargo studs shown below. Also works with any MS21234, MS21235 and AM7516 style seat/cargo attach fittings.

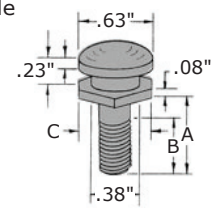


Figure 1

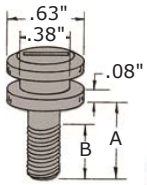


Figure 2


P/N 4015C12B


P/N 4015C08B


P/N 4015C12A


P/N 4015C08A

P/N	Description	Fig	A (in.)	B (in.)	C (in.)
4015C08A	1/4-20, Hex Drive	1	0.628	0.600	0.625
4015C08B	1/4-20, Slot Drive	2	0.628	0.600	
4015C12A	3/8-24, Hex Drive	1	0.628	0.600	0.625
4015C12B	3/8-24, Slot Drive	2	0.628	0.600	

Seat Feet for Beechcraft Queen Air, King Air and Airline


P/N CA100-530448-5


P/N CA100-530448-7


P/N CA50-534436-5

Part Number	Aircraft Model
CA100-530448-5	C90,C90A,C90(SE),E90,F90,A100,B100, 200,200T, 200C,200CT,B200,B200C,B200CT
CA100-530448-7	C90,C90A,E90,F90,A100,B100,200,200T, 200C, 200CT,B200,B200C,B200CT
CA50-534436-5	65,80,A80,88,90,A90,99,99A,A99A,B90, B99,C99, 100,A100,B100

Save up to 70%
$$$

Manufactured by PMA Products

Cabin Door Hinge Pin for Cessna 170, 172, 175

Don't trust those old brass pins!
Door Hinges available in the **Door and Step Parts** section

- Fast door removal — makes cabin maintenance easier!
- FAA-PMA approved design 5x stronger with stainless steel
- Easy to inspect secure safety pin design



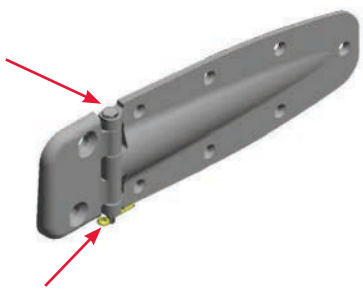
Now available!
Complete Hinge Kit

Hinge Kit Components P/N CHDHP-KT-1	
P/N	**Qty**
7205-1.63D	1
7205-1.63U	1
7205-2.00U	2

Quick Removal Clevis Pin & Cotter Key for Cessna 180, 182, 185, 205, 206, 207, 210

Improved design replaces staked-in hinge pin!
Door Hinges available in the **Door and Step Parts** section

- FAA-PMA design replaces staked-in Cessna hinge pin
- Easy door removal for maintenance
- Corrosion resistant





Replacement Door Hinge Bushings for Cessna Caravan

Extended service life!
Door hinges available in the **Cessna Caravan Parts** section.


Hinge bushing, short
P/N AF2617015-025


Hinge bushing, long
P/N AF2617015-049

Backup Ring for Embraer Aircraft

P/N CABDS3115-026C
FAA-PMA approved for all Embraer 120 models



Manufactured by PMA Products, Inc.

Piper Aircraft Hardware

Landing Gear, Firewall Forward, Flight Control System, Door and Step, and Control Surface Applications

Manufactured by PMA Products, Inc.

Description	Part Number	Model
Landing Gear		
Bearing	CA67026-011	PA28R-200,201,201T,PA28RT-201,201T, PA32R-300,301,301T,PA32RT,PA44-180,180T
Bearing, Main Gear	CA452-575	PA24-180,250,260,400,PA28R-180,200,201,201T, PA28RT-201,201T,PA30,PA32R-300,301,301T,PA32RT, PA34-200,200T,220T,PA39,PA44-180
Bumper, Nose Gear Torque Link Ext	CA79072-000	PA28-140,150,151,160,161,180,181,235,236, PA32-260,300,301,301T
Bushing, Main Gear Torque Link	CA20737-040	PA31-300,325,350,PA31-350-T1020, PA31P,PA31P-,350,PA31T,1,2,PA42,PA42-720,1000
Bushing, Nose Gear Torque Link Lower	CA453-903	PA31P-350
Bushing, Main Gear Retract Truss Act. Attach	CA63900-089	PA28R-180,200,201,201T,PA28RT-201,201T, PA32R-300,301,301T,PA32RT,PA34-200T,220T,PA44-180
Bushing, Nose Gear Torque Link Upper	NAS75-5-011	PA31-300,PA31-350,PA31-350-T1020, PA31P,PA31P-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Upper	NAS75-6-011	PA31-300,PA31-350,PA31-350-T1020, PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Center	NAS75-7-011	PA31-300,PA31T-1,2,3-T1040, PA31P,PA31P-350,PA31-350-T1020,PA42-720,1000
Bushing, Nose Gear Retract Brace Upper Attach	NAS75-7-014	PA31
Bushing, Main Gear Attach Trunnion	NAS77-10-094	PA31-300,PA31-350,PA31-350-T1020,PA31P, PA31P-350,PA31T-1,2,3-T1040
Bushing, Main Gear Retract Brace Upper Attach	NAS77-18-050	PA31P-350,PA42-720,1000
Bushing, Nose Gear Torque Link Center	NAS77-4-042	PA31T-1,2,3-T1040,PA31P,PA31P-350, PA31-350-T1020,PA42-720,1000
Bushing, Nose Gear Torque Link Upper	NAS77-5-042	PA31-300,PA31-350,PA31-350-T1020, PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Center	NAS77-7-035	PA31-300,PA31-350,PA31-350-T1020, PA31P,PA31P-T1040,PA42-720,1000
Bushing, Nose Gear Retract Link to Brace Attach	NAS77-7-038	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350, PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Nose Gear Retract Brace Upper Attach	NAS77-7-040	PA31-300,PA31-350,PA31-350-T1020, PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Nose Gear Retract Link to Brace Attach	NAS77-7-068	PA31-300,PA31-350,PA31-350-T1020, PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Retract Brace Upper Attach	NAS77-8-038	PA31P-350
Bushing, Main Gear, Link to Strut Attach	NAS77-8-044	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1
Bushing, Main Gear Retract Brace Upper Attach	NAS77-8-084	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1
Bushing, Main Gear Retract Link to Brace Attach	NAS77-8-072	PA31P-350
Bushing, Main Gear Housing Attach	CA20737-023	PA31-300,310,325,350,PA31-350-T1020, PA31P,PA31P-350,PA31T1,2
Bushing, Main Gear Retract Brace Upper Attach	CA14843-016	PA24-180,250,260,400,PA28R-180,200,201,201T, PA30,PA32R-301,301T,PA32-300,PA32RT, PA34-200,200T,PA39
Bushing, Nose Gear Retract Link to Brace Attach	CA14843-018	PA24-180,250,260,400,PA30,PA39
Bushing, Main Gear Side Brace Stud Brace Attach	CA65003-041	PA28RT-201,201T,PA32R-301,301T,PA34-200,200T,PA44-180
Bushing, Main Gear Brace to Link Attach	CA65003-044	PA28R-180,200,201,201T,PA28RT-201,201T, PA32R-300,301,301T,PA32RT,PA34-200,200T,PA44
Bushing, Main Gear Side Brace Stud/Wing Attach	CA67026-012	PA34-200T,PA44-180
Bushing, Main Gear Torque Link Lower	CA43256-002	PA31P,PA31P-350,PA31-300,310,325,350, PA31-350-T1020,PA31T,1,2,PA42-720,1000,PA42
Bushing, Main Gear Housing Attach	CA43256-005	PA31P-350,PA31-300,310,325,350,PA31-350-T1020,PA31T,1,2
Bushing, Nose Wheel Steering Arm Inner	CA63900-109	PA28R-180,200,201,PA28RT-201,PA32R-300,301,301T,PA32RT
Bushing, Nose Wheel Steering Arm Outer	CA63900-122	PA28R-180,200,201,PA28RT-201,PA32R-300,301,301T,PA32RT
Bushing, NG Retract Link to Housing Attach	CA65003-046	PA28R-180,200
Bushing, NG Retract Brace RH Upper Attach	CA95061-133	PA32R-300,301,301T,PA32RT-300,300T
Bushing, Nose Gear Retract Brace Upper Attach	CA65003-045	PA28R-180,200,201,201T,PA28RT-201,201T, PA32R-300,301,301T,PA44-180
Bushing, Nose Gear Housing Top and Bottom	CA40250-002	PA31-300,310,325,350,PA31-350-T1020, PA31P,PA31P-350,PA31T-1,2,PA42,PA42-720,1000
Bushing, Main Gear Torque Link Upper	CA43256-006	PA23-235,250,250(6),PA31P, PA31P-350, PA31-300,310,325,350,PA31-350-T1020,PA31T-1,2,3, T1040,PA42,PA42-720,1000
Bushing, Nose Gear Retract Idler to Link Attach	CA20737-032	PA31-300,310,325,350,PA31P,PA31P-350, PA31T-1,2,PA42,PA42-720,1000
Bushing, Nose Gear Steering Arm Outer	CA14976-102	PA30,PA31-300,310,325,350,PA31-350-T1020,PA39
Bushing, Main or Nose Torque Link Lower Attach	CA67026-007	PA28R-180,200,PA28RT-201,201T, PA32R-300,301,301T,PA32RT,PA34-200,200T,220T, PA44-180, PA46-310P,350P

Continued on next page

Piper Aircraft Hardware continued from previous page

Landing Gear, Firewall Forward, Flight Control System, Door and Step, and Control Surface Applications

Manufactured by PMA Products, Inc.

Description	Part Number	Model
Landing Gear continued from previous page		
Bushing, MG Torque Link Spacer Upper/Lower	CA63310-000	PA28-140,150,151,160,161,180,181,235,236,201T, PA32-260,300,301,301T
Bushing, Nose Gear Torque Link Center	CA77780-005	PA38
Tube, Nose Gear Strut Inner Lower	CA65280-000	PA28-140,150,151,161,180,181,235,236, PA32-260,300
Flight Control System		
Bearing, Stabilator Hinge	CA452-394	PA28-151,161,181,236,201T,PA28R-201,201T, PA32-260,300,301,301T,PA32R-300,301,301T
	CA452-538	PA28RT-201,201T,PA32RT,PA34-200,200T,220T,PA44-180
Bushing, Outboard Flap Track	CA86102-104	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Center Flap Track	CA86102-105	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Inboard Flap Track	CA86102-106	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Aileron Center Hinge	CA95061-108	PA28-151,161
Bushing, Elevator Tab Hinge Assy	NAS77-5-019	PA31-300,350,T1020,PA31P-350,PA31T-1,2,3-T1040
Bushing, Stabilator Trim Linkage	NAS76A3-004	PA34-200,200T,220T
	NAS76A3-019	
	NAS76A3-023	
Firewall Forward		
Wiper Strip	CA187-625	PA-22, PA-22-108,135,150,160, PA-23, PA-23-160,235,250, PA-E23-250, PA-24, PA-24-250,260,400, PA28-140,150,151,160,161, 180,181,235,236, PA-30, PA-31P, PA-39, PA-32-260, 300,301FT,301XTC,301,301T
Door and Step		
Bushing, Cabin Door Mechanism	CA20737-044	PA31-300,310,325,350,PA31-350-T1020
	CA41413-041	
Control Surface		
Bushing, Flap Track Inboard, Outboard, Center	CA41413-005	PA31-300,310,350,PA31P,PA31P-350,PA31T-1,2
Bearing, Flap	CA452-387	PA28,PA28-140,150,151,160,161,180,181,235,236,201T, PA28R-180,200,201,201T,PA28RT-201,201T, PA32-260,300,301,301T,PA32R-300,301,301T, PA32RT,PA34-200,200T,220T,PA44-180,PA46-310P,350P

Beechcraft Hardware

Landing Gear, Firewall Forward, Flight Control System, and Control Surface Applications

Manufactured by PMA Products, Inc.

Description	Part Number	Model
Landing Gear		
Bolt	CA101-810089-1	1900,1900C,1900D,F90,C99,200,200T,200C, 200CT,B200,B200C,B200CT,B200T
	CA101-810090-3	1900,1900C,F90,C99,200,200T,200C,200CT, B200,B200C,B200CT,B200T
Bolt, Main Gear	CA101-810090-1	1900,1900C,1900D
Bolt, Main Gear Drag Brace	CA101-810145-1	300,300LW,B300,B300C
	CA101-810146-1	
Bolt, Nose Gear	CA90-820011-1	C90,E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T, 200C,200CT,B200,B200C, B200CT, B200T, 1900, 1900C,1900D
Bushing	CA101-810014-3	F90,99,99A,A99A,B99,C99,100,A100,B100, 200,200C,B200,B200C,B200CT,B200T
	CA105739X-YN1437	1900,1900C,1900D
	CA105740X-YK0563	99,99A,A99A,B99
	CA105740X-YN0520	F90,99,99A,A99A,B99,C99,A100,B100
	CA115-610019	99,99A,A99A,B99,C99,100,A100,B100
	CA115-810066-3	F90,99,99A,A99A,B99,C99,100,A100,B100, 200,200T,200C,200CT,B200,B200C,B200CT, B200T, 300,300LW,B300,B300C,1900,1900C,1900D
	CA50-524476-1	65,80,A80,88,90,A90,B90,C90,E90
	CA50-524476-3	
	CA99-810064-1	A100,B100,100,B99,200,200T,200C,200CT,F90
	CA99-810064-3	1900,1900C,1900D,F90,C99,B200,B200C,B200CT, B200T,300,300LW,B300,B300C
Bushing, Main Gear	CA115-810064-1	F90,99,99A,A99A,B99,A100,B100,200,200T,200C
Bushing, Gear Door	CA105740X-ZU0260	F90,99,99A,A99,A99A,B99,C99,100,A100,B100, 200,200C,B200,B200C
Bushing, Landing Gear	CA99-810060-1	F90,99,99A,A99A,B99,C99,A100,B100
	CA101-810014-1	F90,99,99A,A99A,B99,C99,100,A100,B100, 200,200T,200C,200CT,B200,B200C,B200T,200CT

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Beechcraft Hardware continued from previous page

Landing Gear, Firewall Forward, Flight Control System, and Control Surface Applications

Manufactured by PMA Products, Inc.

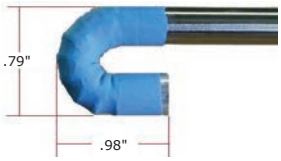
Description	Part Number	Model
Landing Gear continued from previous page		
Bushing, Main Drag Link Center	CA99-810066-1	1900,1900C,1900D,C90,E90,F90,99,99A,A99A,B99,C99, 100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT, B200T,300,300LW, B300,B300C
	CA114-810038-1	1900,1900C,1900D
Bushing, Main Torque Link Center	CA105740X-YA1625	1900,1900C,1900D,200,200T,200C,200CT,B200,B200C, B200CT,B200T,300,300LW,B300,B300C
	CA105740X-YN0677	
Bushing, Main Torque Link in Gear	CA101-810024-3	1900C,1900D
Bushing, Torque Link	CA45-815013	33,35,36,55,58
	CA101-810024-5	1900C,1900D
	CA105740X-YD0160	99,99A,A99A,B99,C99
Bushing, Nose Torque Link Center	CA105740X-YA0630	1900,1900C,1900D,90,A90,B90,C90,E90,F90, 99,99A,A99A,B99,C99,100,A100,B100,200,200C, 200T,200CT,B200,B200T,B200C,B200CT, 300,300LW,B300,B300C
	CA105740X-YN0625	1900,1900C,1900D,300,300LW,B300,B300C,90,A90,B90,C90,C99, E90,F90,99,99A,A99A,B99, 100,A100,B100,200,200T,200C,200CT, B200,B200C,B200CT,B200T
	CA90-810019-1	C90,E90,F90,C99,100,A100,B100,200,200T,200C,200CT,B200, B200C,B200CT,B200T,300,300LW,B300,B300C,1900,1900C,1900D
Bushing Nose Upper Torque Link	CA50-810034	1900,1900C,1900D,300,300LW,B300,B300C,90,99,99A,A90, A99A,B90,B99,C90,C99,E90,F90,100,A100, B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Torque Link Pin	CA101-810025-1	200, 300 and 1900 Series
Bushing, Main Drag Link in Gear	CA114-810042-1	1900,1900C,1900D
	CA114-810049-3	
Bushing, Drag Link	CA90-820010-1	C90
Drag Leg Hook Pins	CA50-810343-5 CA50-810343-7	F90 S/N LA-2 & On, 99,99A,A99A,B99,C99 S/N U-1 thru U-49, U-51 thru U-164,100,A100,B100, 200 S/N BB-2 thru BB-733, BB-735 thru BB-792,BB-794 thru BB-828,BB-830 thru BB-853, BB-871 thru BB-873, BB-892,BB893 and BB-912, 200T S/N BT-1 thru BT-22, 200C S/N BL-1 thru BL-200CT S/N BN-1, B200 S/N BB-734,BB-793, BB-829, BB-854 thru BB-870, BB-874 B-891, BB-894 thru BB-911, BB-913 thru BB-1157, BB-1159 thru BB-1166, BB1168 thru BB-1192, B200T S/N BT-23 thru B5.235T-27,BT29,BT30, B200C S/N BL-37 thru BL-72, B200CT S/N BN-2-BN-4
Bushing, Nose Attach Lug	CA114-820113-1	1900,1900C,1900D
Bushing, Nose Steering	CA105740X-ZV0312	A90,B90,C90,C90A,E90,F90,99,99A,A99A,B99,C99,200,200T, 200CT,A200,A200C,B200,B200C,B200CT,B200T
Bushing, Steering Roller	CA114-820062-1	1900,1900C,1900D
Bearing, Main Strut Upper	CA50-810326	1900,1900C,D,F90,99,99A,A99A,B99,C99,100,A100,B100, 200,200T,200C,200CT,B200,B200C,CT,T, 300,300LW,B300, B300C
Bearing, Nose Gear	CA99-820099	C90,E90,F90,99,99A,A65,70,B80,A99A,B99,C99,100,A100,B100, 200,200T,200C,200CT,B200, B200C, B200CT,B200T
Upper Bearing, Main Strut	CA50-810326	F90,99,99A,A99A,B99,C99,100,A100,B100, 200,200T,200C,200CT,B200,B200C,B200CT,B200T, 300LW, B300,B300C,300,1900,1900C,1900D
Washer, Thrust	CA115-810074	F90,99,99A,A99A,B99,100,A100,B100, 200,200T,200C,200CT,B200,B200C,B200CT,B200T
Firewall Forward		
Carbon Block	CA3026	A90,B90,C90,C90A,E90,F90,99,99A,A99A,B99,C99, 100,A100,200,200T,200C,200CT,B200,B200C,B200CT, B200T,300,300LW,B300,B300C,1900,1900C,1900D
Carbon Block Assembly	CA3044	A90,B90,C90,E90,F90,99,99A,A99A,B99, C90A,C99,100,A100, 200,200T,200C,200CT,B200,B200C,B200CT, B200T, 300,300LW,B300,B300C,1900,1900C,1900D
Wiper Blade	CA50-384082	A65,70,B80,C90,E90,F90,99,99A,A99A,B99,C99,100,A100, B100,200,200T,200C,200CT,B200,B200C, B200CT,B200T, 300LW,B300,B300C,300,1900,1900C,1900D
Yoke	CA3025	A90,B90,C90,E90,F90,99,99A,A99A,B99,C90A,C99,100,A100, 200,200T,200C,200CT, B200,B200C, B200CT,B200T,300,300LW, B300,B300C,1900,1900C,1900D
Flight Control System		
Tab Washer	CA45A16122-037	400A and 400T
Washer	CA50-105000-3	C90,B200,B200C,B200T,300LW,300,B300,B300C,1900,1900C
Control Surface		
Static Discharger	ESD-3	Various Models - No FAA-PMA Approval

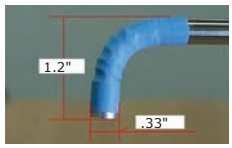
Borescopes

Acquire Detailed Visual Inspection with 180° Articulating Probe

Finally a ***low cost,*** articulating borescope that really works!
Technology has made borescopes a good investment even if you only need it a few times a year.

- Precision optics
- Cost effective
- Look back with 180° articulation
- Connect easily to computer, tablet or phone
- LED illumination
- High quality CMOS sensor
- Durable carrying case







Ideal for detailed visual inspection in hard to reach places. The bendable 0° to 180° continuously adjustable, articulating probe offers a panoramic view of the area being inspected and the wide focal distance makes both close up and general inspection crisp and clear. Six built in LEDs for illumination. Includes a press and release option in addition to a locking and unlocking feature.

AirBox WiFi Converter provides a wireless solution for mobile device users (Apple and Android). AirBox converts the USB feed into a WiFi hot spot enabling functions utilizing the appropriate App to see live images, capture pictures and record videos.

Apple products (i.e. iPhone and iPad) ***require*** the wireless converter, P/N VA-B2, for viewing and data capture. Android users have the option of connecting directly to the borescope (via USB cable), or by use of the wireless converter.

Each boroscope includes an OTG cable adapter, small sleeve changing tool for changing out the silicone sleeves, extra silicone replacement sleeves, case and instruction manual.

P/N	Probe Type	Probe Diam.	Probe Length	Weight	Focal Distance	Resolution	Optical View Lens Angle	USB Cable Length	Compatibility
VA-400 [1]	Rigid	8.5mm	42cm (16.5")	12 oz	4cm - 40cm fixed focus	1280X720 pixels	60°	200cm	Windows 10/8/7/Vista/XP, Mac OS X with FaceTime software or Android OS 4.1.2 or higher with USB host function (iPhone and iPad when used with VA-B2 converter).
VA-800 [1]	Flexible		80cm (31.5")		3cm - 40cm fixed focus	640X480 pixels			
VA-980 [1]	Semi-Rigid								
D3160	Flexible	5.9mm	1 mm (39.3")				180°		
D3145	Flexible	4.5mm	1 mm (39.3")				180°		
ME-610	Flexible	6.0mm	1 mm (39.3")			960X720	360°	Rechargable lithium battery	Automotive inspection camera, all way articulation controlled by joystick. Takes pictures and records video.

Notes:
[1] Add "KIT" to part number to purchase borescope and VA-B2 converter together, example: VA-400 KIT.

Vividia AbleScope VA-400 Borescope
P/N VA-400
Rigid (fixed steel probe)
Suitable when you have a direct line to your subject.
Convenient for one hand operation.



Vividia AbleScope VA-800 Borescope
P/N VA-800
Non-Formable - perfect for snaking the scope into a narrow space.
Twisting the probe changes the orientation of the camera.



Vividia AbleScope VA-980 Borescope
P/N VA-980
Semi-Rigid Flexible, but stays where you put it.
Ideal for general aviation professionals!



WiFi AirBox Converter
P/N VA-B2
View your Vividia USB borescope wirelessly. The USB cord from your borescope plugs into this small box which acts like a WiFi hotspot.

Connect your phone or tablet to the hotspot to view live feed from the borescope and capture photos and videos. Compatible apps are available for download.





Oil Filters

Filters available for Cessna, Beechcraft, Mooney, Piper, Maule, and more

- Magnetic capture of micro-steel particles
- Strengthened can
- Increased burst strength
- Full pleat media designed for uniform flow and collapse resistance
- Spin EZ® lubricant for easy removal of the filter
- Better by-pass valve



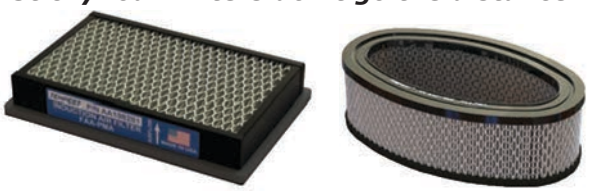
See Firewall Forward section of our catalog for aircraft eligibility

AeroGuard™ Air Filters

Greatly reduces contaminants and maximizes airflow

- Stops more than 99% of contaminants larger than 5 microns
- Less piston ring wear
- Air filters are cheap — engines are not!
- Cleans with air and soap water
- These are not a paper filter, no AD applies

Sticky foam filters don't go the distance!



See Firewall Forward section of our catalog for eligibility

Spark Plugs

Filters available for Cessna, Beechcraft, Mooney, Piper, and more

- "Fired in" resistor for stable resistance value and smoother running engine
- Zero-leakage seal encloses hot, high pressure combustion gases
- Durable nickel finish offers wear and corrosion resistance
- Ceramic insulator provides high performance in severe operational conditions
- Reduced fouling and enhanced heat range control

Not your grandfather's spark plugs!

TEMPEST



See Firewall Forward section of our catalog for eligibility

Resistance Tester

Know when to replace your Spark Plugs!

P/N AT5K

Measures between the terminal inside the lead and the spark plugs' center firing tip.

- Follows MIL-S-7886
- Prevents misfiring, wasted fuel, and pollution



Green only — *Excellent*
Green and Red — *Serviceable*
Red only — *Replace with a new Spark Plug*

Thread Lubricant

Lubricate your Spark Plug threads during the cleaning process

P/N T556

- Flows smoothly
- Spreads evenly
- Doesn't ball up!
- Dries quickly

Maintenance Tip:

Do not get any lubricant on the electrodes or the insulator. If you do, wipe it off with a cloth dampened with water.



Spark Plug Gasket

Best price — quantity discount!

P/N MS17840-1

18mm solid copper



Spark Plug Tray

Balance and organize Spark Plugs during maintenance

P/N AA446

- Constructed with high quality metal, protecting Spark Plug damage
- Rubber feet to keep tray in place on metal workbenches and tool boxes
- Numbered slots for proper organization and rotation





Avoid spilling your Spark Plugs!

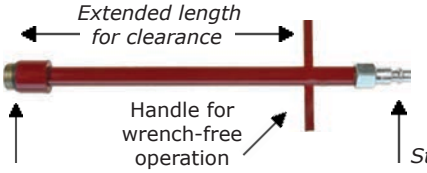
**Spark Plugs not included*

Compression Tester Extension

EXTENSION CT1 (18mm thread)
EXTENSION CT12 (12mm thread)
EXTENSION CT14 (14mm thread)

Save time and money!

- Wrench-free compression testing
- Quality welded construction, O-ring seal
- Allows for exhaust system and baffling clearance
- Makes compression testing easy





Manufactured by Baines Specialties, LLC.

AeroShell Aircraft Engine Oil

McFarlane has the lowest cost on engine oil!
All oil is sold in 6 quarts per case, except
Sport Plus 4 (sold in individual liters)



Engine oil is priced at COST!

Choosing the Right Grade of Oil	
Oil Type	**Part Number**
Straight Grade Mineral Oil • Aids engine break-in • Prevents cylinders glazing • Clean burning	AEROSHELL 80 AEROSHELL100
Single Grade Ashless • Improved performance • Reduce maintenance costs • Reduce oil consumption	AEROSHELL W80 AEROSHELL W100 AEROSHELL W120
Single Grade Ashless Plus • Prolonged engine life • Advanced additive for cam protection and rust and corrosion protection	AEROSHELL W80 PLUS AEROSHELL W100 PLUS
Multigrade Sport Plus • Developed for light sport planes • Can be used in any climate • Advanced additive for full performance with different fuel types	AEROSHELL SPORT PLUS 4
Multigrade Ashless • High performance in all seasons • Reduced oil and fuel consumption • Advanced additive for cam protection and rust and corrosion protection	AEROSHELL W15W-50

Save $$$ with Multigrade and Plus Oils!

AeroShell single grade plus and multigrade oils comply with AD 80-04-03 and DO NOT require adding the **expensive** Lycoming LW16702 additive.
This ***saves you over $50.00*** during oil change!

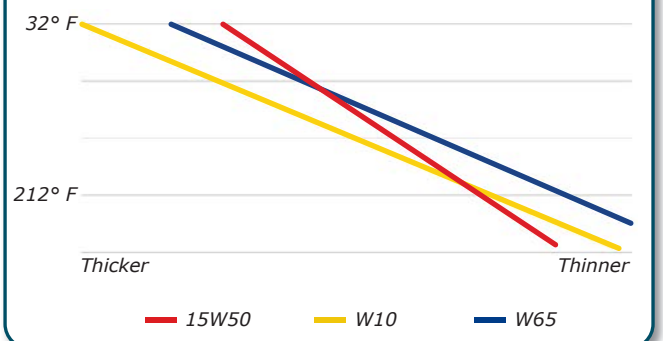
Comparison example:

AeroShell W80 Plus = $48.02	**AeroShell 80** = $43.12
(already contains additive)	LW16702 additive = $60.00
Total cost = $48.02	**Total cost = $103.12**

AeroShell Plus Oil saves you over $50.00!

**Pricing as of 6/1/2022*

Single Grade vs. Multigrade Viscosity



Phillips Aircraft Engine Oil

P/N PHILLIPS XC 20W50
Ashless dispersant, multi-grade engine oil for piston engines

- Aids engine break-in
- High performance in all seasons
- Save $$$
- Sold in 12 quarts per case

All engine oil is priced at COST!
We want to keep you flying!



NEW! CamGuard™ Aviation Advanced Oil Supplement

P/N CAMGUARD AVIATION 16 OZ and **P/N CAMGUARD AVIATION GAL**
FAA accepted! The only lubricant to undergo certification testing in the extremes of aerobatic use

- Provides maximum engine protection with blends of high performance additives
- Prevents rust and corrosion with multi-metal corrosion inhibitors
- Dramatically reduces the wear of cams, lifters, cylinders, rings, gears, and valve guides
- Prevents varnish and carbon deposits throughout engine with ashless deposit control additives
- Prevents oil weeping and keep seals supple, flexible, and performing like new with seal conditioners

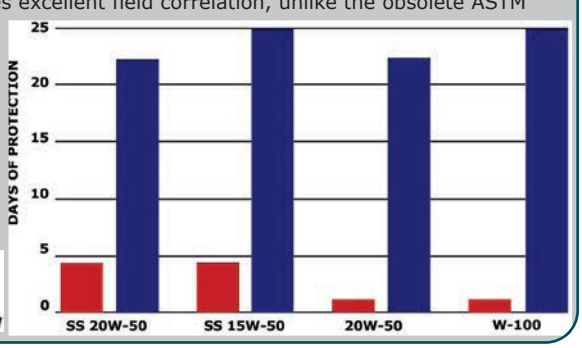


Available in pint and gallon!

Increased Corrosion Protection with CamGuard

Four of the top selling piston oils were tested for corrosion resistance with and without CamGuard. Testing was performed using the DIN 50017 humidity cabinet test. The DIN 50017 method demonstrates excellent field correlation, unlike the obsolete ASTM 1748 humidity cabinet test.

The graph shows the average number of days until failure (defined as the observation of three 1mm spots of rust on the steel test panels). The red bars represent the untreated oils. The blue bars represent the corresponding oils with the addition of 5% CamGuard. All the oils show a remarkable improvement with the addition of CamGuard.





These are pistons from two different Lycoming IO-540 aircraft engines. The left piston is from an FAA certification engine using CamGuard for 500 hrs. The testing was in an aerobatic aircraft that used very high power settings resulting in extremely high temperatures. The piston on the right was taken from a non-aerobatic aircraft engine that was flown at typical cruise settings, without CamGuard, for 500 hrs. **The difference in deposits is striking.**

Oil and Oil Filter Analysis Test Kits

All kits contain everything needed for a laboratory analysis on metals in piston and turbine engines

NEW

- 24- to 48-hour quick turnaround! Abnormal results are communicated immediately
- Diagnose abnormal wear
- Decrease repair costs!
- Excellent for pre-purchase inspection
- Easy to use!
- Full reports are available online. Any problematic debris from Oil Filter analysis is recorded with amount, type, form, and condition of particles



P/N GA-001-SP
P/N GA-001-NP



P/N GA-M,F-L

Application	Engines: Piston	Engines: Turbine	Part Number	Notes
Metal Check Oil Analysis	•	•	GA-001-SP	USPS postage included (save time and $$$)
			GA-001-NP	No postage included
Oil Filter Analysis	•	•	GA-F-L	
Combined Metal Check Oil Analysis and Oil Filter Analysis	•	•	GA-M,F-L	
		•	GA-001-OF-PT6	For PT6 engines (includes Donaldson's Oil Filter replacement)

Fuel Bacterial Field Test Kit (Bug Test)

Quickly analyzes jet or diesel fuel for bacteria and fungus; can be completed in the field!

P/N AL-BC

Insert a fuel sample into a sterilized serum bottle. After a set time period, the color change is compared with the Bug Test Color chart to determine fuel quality.

NEW

- Detects microorganisms before they flourish
- Helps prevent plugged filters and fuel lines
- Quick and accurate!



Corrosion Preventer

Excellent water displacing corrosion inhibiting lubricant in 11 oz cans; available in light, medium, and thick coatings

NEW



Shipping restrictions may apply (aerosol)

Description	Application	Part Number
Light	Fine coating for delicate equipment	AVL-LW16
Medium	Medium coat of protection	AVL-MW16
Thick	Heavy coating for longer lasting protection	AVL-HW16

Fuel Quality Test Kit

P/N AL-FTK

Includes API gravity, cetane index, D-86 distillation, Karl Fisher water, BUG TEST, and flash point. Custom test kits are available.

NEW



Cleaner and Degreaser

P/N AVL-FACD-II

18 oz can

NEW

- Fast acting
- Dries quickly
- Leaves little residue



Shipping restrictions may apply (aerosol)

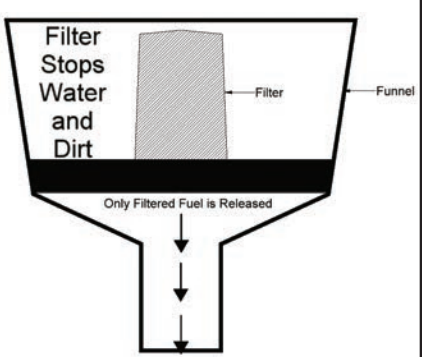
Mr. Funnel

P/Ns F1C, F3C, and F8C

Fuel filter funnel stops water and dirt. The Teflon coated stainless steel filter is so fine that water cannot get past it! Works with all aviation fuels, gasoline, diesel and kerosene.







- Tested and proven in rugged Arctic environment
- Expected 10 year life
- Fast flow rates
- Self cleaning lifetime filter
- Filter stops water and dirt
- Conductive plastic

P/N	Size	GPM
F1C	6" X 3.5"	2.7 Gallons per minute
F3C	8.75" X 5.5"	3.5 Gallons per minute
F8C	10" X 8.5"	5.0 Gallons per minute

Mfg by Hopkins Manufacturing Corp.

Vacuum Pump Wrench

Get into those really tight spots!

P/N TOOL133 (use for small pumps)

P/N TOOL133-L (use for large pumps)

- Heat treated tool steel
- 1/4" square drive
- Torque wrench friendly



Precision made!



Dry Air Pumps

New and overhauled FAA-PMA assemblies for Aviat, Piper, Mooney, and more!

- Smooth temperature compensation
- Low friction
- Increased service life
- Wear resistant
- Durable and light-weight

TEMPEST



See Firewall Forward section of our catalog for eligibility

D A M™ Aircraft Pulley Oil

New name, same dependable oil!

Featuring a re-designed needle oiler

Great for unreachable areas with traditional applicators

- Does not dry out and get sticky
- Loosens old stiff pulley grease
- Save the labor of re-oiling the control system every year!





20" Extension P/N 7249 now sold separately!

Convenient Kits	
Qty	**Description**
P/N PULLEY OIL KT	
1	Pint, Pulley Oil
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OILER KT	
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OIL	
1	Pint, Pulley Oil

D A M™ Exhaust Lube

Aircraft Exhaust Anti-seize/Lubricant — The only anti-seize that works!

D A M™ Exhaust Lube is designed specifically for aircraft exhaust ball joints, clamps, slip joints, and hardware. A low viscosity liquid is blended with molybdenum-disulfide and other special micro-lubricants to produce a protective dry lubricant film. This film imbeds into the stainless steel and keeps your joints lubricated for years!

- Protects up to 2400° F
- **No** stainless corroding **graphite**
- Prevents heat corrosion and joint lockup
- Joints stay free to move with thermal expansion
- No greasy powdered metal paste that locks up anyway
- Low viscosity — a little goes a long way
- Loosens assembled joints

Do not use an anti-seize that contains graphite on your exhaust systems. Graphite corrodes and destroys the grain structure of stainless steel.

Handy Swab-top Can!



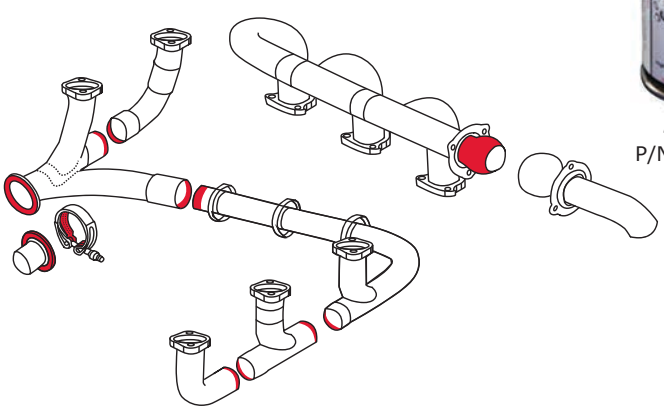
4 oz. can
P/N DAM20-4.0

Directions

Shake well.

Pre-assembly: Clean joint and apply a wet coat to both surfaces to be joined. The joint can be assembled wet or dry.

Assembled joints: Apply several times to joint edge. Allow time for capillary action to penetrate the joint. For better penetration of locked up joints, mix 50/50 with acetone, MEK, toluene, or similar solvents.



FOR BEST RESULTS, APPLY BEFORE ASSEMBLY

(Can also be applied to joint edges on older assemblies)





D A M™ Window Cleaner

Fast and easy aircraft window cleaner

- Aircraft size 1.5 oz. P/N DAM17-1.5
- Hangar size 16 oz. P/N DAM17-16
- Refill size 1 Gallon P/N DAM17-GAL

A fast, streak free liquid spray designed for acrylic and other surfaces. The carnauba wax and polymer formula fills minor scratches and leaves a slick clean surface that makes cleaning bugs easier next time. Freezing and thawing of the DAM window cleaner does not affect the performance of the product. Thaw and shake to use.

- Liquid spray — no smeary paste
- No ammonia and only a harmless trace of alcohol
- Anti-static — repels dust
- Safe on all surfaces — encapsulates the dirt as it works
- Amazing *Melt Away* cleaning power
- Economical — a little goes a long way
- Hazes off for a streak free polish finish
- Improves visibility in the rain

You will love the results!

Part Number	Description	Size	Qty
DAM17-1.5	Aircraft size	1.5 oz	1
DAM17-1.5C	Aircraft size	Case	14
DAM17-16	Hangar size	16 oz	1
DAM17-16C	Hangar size	Case	12
DAM17-GAL	Refill size	Gallon	1
DAM17-GALC	Refill size	Gallon	4
Complete Window Cleaning Kits			
DAM17-KIT	Aircraft size	1.5 oz	1
	Hangar size	16 oz	1
	Cotton Towels		5
DAM17-GAL-KT	Refill size	Gallon	1
	Aircraft size	1.5 oz	3
	Hangar size	16 oz	3
Towels			
AC1212-5	Cotton Towels		5
AC1212-20			20

Cotton Towels

Stop scratching your window with paper towels!

- Won't scratch
- Reusable final wipe and polish towel great for many cleanings
- Cheap enough to throw away
- Available in convenient 5 or 20 packs

Directions

Shake well. Spray on windows and rub bugs, dirt, and smears with your hand or with a small towel saturated with D A M™ until contaminants are loose and melted. Keep the surface wet with D A M™ as you clean.

Wipe the window clean but not necessarily completely dry with a soft cotton or micro-fiber towel. The remaining D A M™ will quickly haze-off.

Finish by polishing with a clean dry cotton towel. Do not use paper towels as they have wood fiber that can scratch.



Request a sample!
P/N DAM17-1.5

Kroil and AeroKroil Penetrating Oil

Throw away your other penetrating oil! This stuff works
P/N AEROKROIL — 10 oz. aerosol can of kroil
P/N KROIL GAL — one gallon can

- Loosens frozen metal parts
- Creeps into openings as small as one millionth of an inch!
- Loosen the toughest stuck together or rusted metal parts
- Loosens nuts, bolts, studs, screws, pulleys, shafts, bearings, pipe threads, valve guides, exhaust parts, or any corroded metal parts
- Kroil and AeroKroil meet and exceed military specifications AA50493 and VV-P-216 (for industrial use only)

Manufactured by Kano Laboratories





ACF-50

Complete anti-corrosion solutions for airframe, avionics, and ground support equipment

- Significantly reduces corrosion events in both structure and avionics
- Ultra-thin film promotes weight reduction, improving payload capacity
- Superior quality control - 0.0% customer return rate!
- Removal not required for re-application, creates no hazmat residue
- VAC compliant worldwide

NEW

CORROSION BLOCK®

Corrosion Block also available!

Description	Fluid Amount	Qty Per Case	P/N
13 oz Aerosol Cans	13 Oz	12	10013
32 oz Bottles with Trigger Spray	0.95 L	4	10032
1 Gallon Jug	4 L	4	10004
5 Gallon Jug	20 L	1	10020
30 Gallon Drum	114 L	1	10114
54 Gallon Drum	205 L	1	10205
Hand Held Spray System [1]	1 L Capacity		50000
Standard Pump Spray System [1]	20 L Capacity (5 gal)		50003

Notes:
[1] This is only the Spray System itself. AFC-50 fluid is not included and must be purchased separately.

Manufactured by Lear Chemical

ACF-50 ANTI-CORROSION FORMULA

Includes 7 application wands!



P/N 50000



P/N 50003



P/N 10013



P/N 10032



P/N 10004



P/N 10020

Niel Seal™ (Tite-Seal™)

Light Compound

Medium paste consistency for most aircraft applications

- Unaffected by water, oil, gasoline, glycerin, steam, gas vapor, exhaust fumes, and most hard-to-hold liquids
- Withstands higher temperatures compared to other brands
- Will not harden — great for silk thread joints, gaskets, and pipe joints
- Vibration-proof and easy to disassemble for repairs and adjustments
- Expands and contracts without affecting seal

NEW

Medium Compound

Heavy paste consistency

- Heat-proof, vibration-proof, and non-solvent
- Will not shrink, crumble, or crack
- Prevents rust, corrosion, and seizure of joints, bolts, nuts, studs, and thread fittings
- Withstands higher temperatures and pressures
- Unaffected by water, gasoline, kerosene, grease, oil, natural gas, steam, hot or cold water, glycerin, ethylene flycol ammonia, etc.



Compound Weight	Container Size (lbs)	P/N
Light	1 lb	20-66
Light	5 lb	20-75
Medium	1 lb	25-66
Medium	5 lb	25-75

Manufactured by Abbey Products

Permatex Form-A-Gasket NO. 2 Sealant

P/N 80011 (2C)

Slow drying, non-hardening sealant approved for use in aviation and automotive applications

Designed for dressing and sealing cut gaskets on flexible and stamped parts

- Allows for easy disassembly if required
- Resists gasoline, oil, and grease
- Temperature range: -65° F to 400° F (-54° C to 204° C)
- 11 oz bottle



NEW

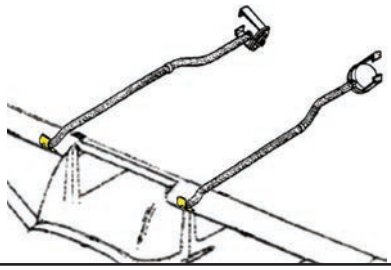
Manufactured by Permatex

Vent Tube Adapter for Cessna Aircraft

Improved vent tube adapter restores rear seat airflow
P/N CW-172001

- Improved! Aluminum won't crack like the cheapy OEM plastic adapters
- Direct replacement for Cessna P/Ns 0501030-2, 0700325-1, 0700325-2
- Limited lifetime warranty
- Save over 50%
- Two required per aircraft
- Includes installation instructions





Model
172, 172A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q
172RG, FR172E,F,G,H,J,K
175A,B,C
180, 180A,B,C,D,E,G,H,J
182, 182A,E
185, 185A,B,C,D,E, A185E,F
210-5 (205)
210B,C,D,E

Manufactured by Wingate Aero & Fabrication LLC

Cowl Saver™ Scoring Tool

Customize Your Baffle Seal Flexibility for Optimal Cooling!
P/N TOOL120

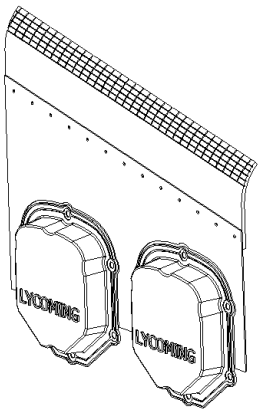
Customize Cowl Saver™ engine baffle seal material to be extremely flexible for a perfect seal where it contacts the cowl and rigid elsewhere to prevent the seal from blowing past the cowl contact line.

This unique tool has 3 circular razor blades spaced 0.16" apart and makes it fast and easy to score the stiffer outer layer of the Cowl Saver™ material where more flexibility is required. The spacers also precisely control the depth of the cuts to help prevent damage to the material.



- You control the amount of flexibility
- Use during a new baffle seal installation or to perfect the fit and seal of an existing installation
- Material still meets the original AMS3306 specification to which it was certified as long as the fiberglass reinforcing layer hasn't been cut
- Replacement blade kit also available (P/N TOOL120-BKT)

Only for use on the Teflon side of Cowl Saver™ baffle seal material



See Firewall Forward section of our catalog for details

Exhaust Valve Guide *Cleaning* Reamers for Continental and Lycoming Engines

U. S. Patent No. 9,878,354

Why McFarlane Special Reamers?

Our valve guide reamers are sized specifically for cleaning Continental and Lycoming exhaust valve guides. Standard valve guide reamers are designed to perfect the guide hole size when reaming new guides. The standard reamer pilot is sized to fit the small bore of a new unfinished guide to insure stability and a straight finished bore. When this same type of reamer is used to clean the valve guides, the pilot is smaller than the finished hole. This causes the reamer to wander and misalign while it is being started and turned in the guide hole.

The McFarlane cleaning reamers have a pilot the same size as the valve stem. This properly sized pilot forces the reamer cutter to start straight and follow the correct valve stem path through the guide hole. ***Finally, a tool that is designed for the job!***

While using standard reamers to clean valve guides, you probably have noticed that you have some valve guide metal in the reamer flutes afterwards. This metal is cut from the sides of the guide when hard carbon deposits displace the unguided reamer from the original guide hole, or the reamer was not started in alignment with the guide hole. Wavy or gouged guide holes cause premature carbon buildup, poor heat transfer, and early guide hole wear. Prevent damage to your valve guides by using McFarlane Cleaning Reamers!



Photo courtesy of Jose Oliveros

Features and Benefits

- Discounted pricing for complete set
- Spiral flutes for a better guide finish
- Pilot sized specifically for cleaning
- Cleans guides without notching guide surfaces
- Constructed of precision ground, high speed tool steel

Scan the code to watch our product tutorial!
https://youtu.be/6Ys2IIyP-DM

Note: Reference Lycoming Service Instruction 1425A, SSP-1776 and SSP-578 and the appropriate overhaul manual or the appropriate Continental overhaul manual (there are errors in some of the Continental service bulletins regarding reamer sizes) to determine which specific valve guide sizes you have and the required reamer size before purchasing the necessary cleaning reamer. Lycoming Mandatory Service Bulletin No. 388C requires exhaust valve guide cleaning every 300 hours for helicopter engines and every 400 hours for all other engines. McFarlane valve guide reamers are for cleaning carbon buildup only and must not be used for finish reaming of new valve guides.

Maintenance Tip:
Lycoming suggests using ordinary cup grease on the flutes of the reamer to remove deposits with the reamer rather than allowing the deposits to fall into the cylinder.



Continental Cleaning Reamers		
Part Number	Finished Ream Diameter (Corresponds to valve guide ID)	Pilot Diameter (Corresponds to valve stem diameter)
VGR-CN-KT	Contains one of each sized reamer	
VGR-CN1	0.3750 - 0.3758	0.3715 - 0.3725
VGR-CN2	0.4350 - 0.4362	0.4310 - 0.4320
VGR-CN3	0.4365 - 0.4375	0.4320 - 0.4330
VGR-CN4	0.4370 - 0.4378	0.4325 - 0.4335
VGR-CN5	0.4375 - 0.4385	0.4330 - 0.4340
VGR-CN6	0.3427 - 0.3435	0.3390 - 0.3400

Lycoming Cleaning Reamers		
Part Number	Finished Ream Diameter (Corresponds to valve guide ID)	Pilot Diameter (Corresponds to valve stem diameter)
VGR-LC-KT	Contains one of each sized reamer	
VGR-LC1	0.4040-0.4050	0.4012-0.4020
VGR-LC2	0.4370-0.4380	0.4320-0.4333
VGR-LC3	0.4985-0.4995	0.4935-0.4945
VGR-LC4	0.4995-0.5005	0.4957-0.4965

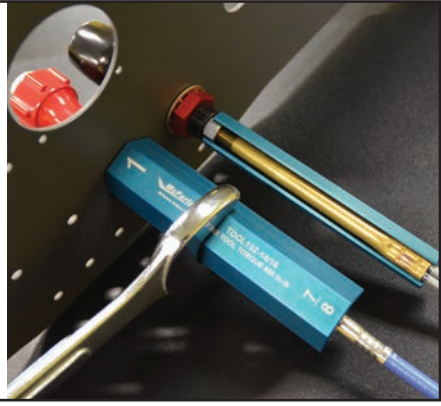
Push-Pull Control Wrench Set

P/N TOOL132 installs and removes push-pull control nuts behind the panel

- Works with all controls — six nut sizes!
- 5 1/2" length reaches deep, hard to access nuts
- Slot allows access to nut on installed control
- Wrench anywhere on the external hex
- Lightweight aluminum is easy to handle when using overhead
- Many other uses (brake/fuel/vent/hydraulic lines, etc)
- Includes case

Part Number	Description
TOOL132	Contains one of each wrench
TOOL132-8/9	1/2" and 9/16"
TOOL132-11/12	11/16" and 3/4"
TOOL132-14/16	7/8" and 1" wrench





Flap Track Wear Gauge for Cessna Aircraft

P/N 950

Determines if a Cessna flap track is worn beyond service limits

This gauge will work for all single engine Cessnas except 140A, 170A and 195

Flap Track Wear Gauge Instructions

Run the gauge plug along each slot in each flap track while verifying that the gauge will not enter the slot. Reposition the flaps as required to gauge the entire length of each slot. If the gauge enters a slot at any point, the track is worn beyond service limits. Periodically verify the gauge diameter by measuring the gauge diameter with a calibrated micrometer.

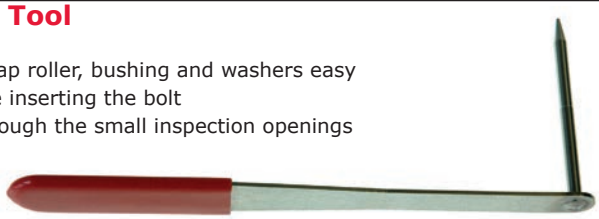


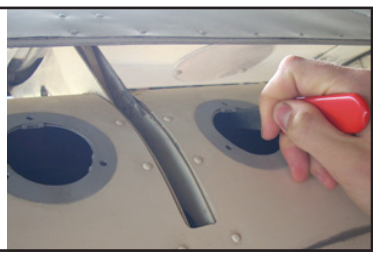


Flap Roller Installation Tool

P/N 970

- Makes installation of the aft flap roller, bushing and washers easy
- Holds parts in alignment while inserting the bolt
- Long handle allows access through the small inspection openings
- Use on Cessna 150 thru 337





Adjustable Elevator Neutral Rigging Tool for Cessna Aircraft

Save time, you'll always have the correct tool!

P/N TOOL126

Proper elevator rigging is necessary for full range of motion and maneuverability of the airplane. Many Cessna maintenance manuals require the fabrication of a tool to hold the yoke in the neutral position while the mechanic rigs the elevator control system. These tools utilize the holes for the control gust lock. At least 17 different sizes of rigging tools are required to cover the various Cessna aircraft. Now there is one tool to replace them all.

The McFarlane Elevator Neutral Rigging Tool is adjustable from 0.4" to 2.5" and universal in design, consisting of six different pin sizes to fit your application. This tool may also be used to properly rig other makes of aircraft with similar elevator neutral rigging requirements.

Features and Benefits

- Replaces 17 costly tools
- Quick setup and adjustment
- Simple to use instructions
- Includes compact storage box
- Replacement parts available separately
- Stainless steel components

Fits most Cessna 150 thru 425 aircraft!

Note:

Refer to your Cessna maintenance manual to determine if your model requires the use of the elevator neutral rigging tool and follow its guidelines for proper pin selection and adjustment guidelines.

Elevator Neutral Rigging Tool Replacement Parts	
P/N	**Description**
6409	.050"/1.3mm Hex Wrench
6870	Nut
6868-4	Pin, .188, Short
6868-3	Pin, .188, Long
6868-1	Pin, .209, Short
6868-2	Pin, .209, Long
6869-1	Pin, .250, Short
6869-2	Pin, .250, Long







Interesting History

Early Cessna aircraft control gust lock holes were aligned with the elevator in the neutral position. This hole placement created safety concerns after Cessna realized that it would be possible for a pilot to take off with the control lock in place, but the lack of control function would not allow for a safe climb rate. Cessna remedied this safety hazard, beginning in the late 1960's, by moving the hole on the control column closer to the yoke. This change prevents flight.

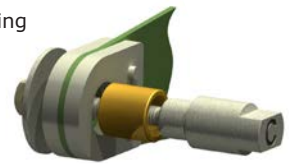
With the hole placement moved, new tools were required to be fabricated to align the elevator in the neutral position during rigging.

Elevator and Rudder Bearing Installation Tool for Cessna Aircraft

Makes pressing bearings in or out easy!
P/N 990

This unique tool is specifically designed to prevent damage when installing and removing ***sintered bronze*** rudder and elevator hinge bearings contained in kits EBC-KT-1 thru 5 and RBC-KT-1 thru 8.

- Eight piece kit for all sizes of sleeve bearings
- Heat treated stainless steel will last a lifetime
- Comes in a convenient storage pouch





Stabilizer Jack Screw Pin Removal Tool for Cessna Aircraft

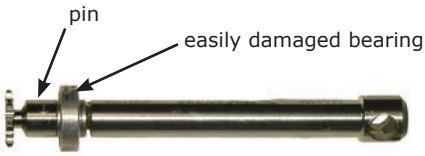
P/N TOOL131

- For Cessna 180/182/185 jack screws
- Easily and safely remove and install your roll pin with the turn of a wrench
- No more damaging your jack screw by using a punch and hammer
- Manufactured with hardened stainless steel for increased tool life
- Works only with the larger McFarlane pin sold with P/N 1111
- Includes adapter Barrel P/N 7011 for installation of new roll pin

See improved McFarlane Stabilizer Jack Screws in the Flight Control section of our catalog!



P/N 7011
also sold separately





Pin Punch Set with Replaceable Tips

Save money on repetitive tool replacement!
P/N TOOL127

How many times have you reached into your toolbox for a pin punch only to find the tip bent or broken from the last job? The **McFarlane pin punches** feature economical replaceable tips. Spare tips are even included with every set. Simply replace the tip as necessary.
No more wasted money on fragile pin punches!

CAUTION: Always wear eye protection when using punches. Do not reuse broken punch tips.

Scan the code to watch our product tutorial!
https://youtu.be/G71FIL1k_pI

Superior Material for Longer Tip Life

Traditional pin punches easily bend or distort. McFarlane has solved this problem by using work hardened extra tough steel. McFarlane work hardened punches provide you with superior driving ability.



Features and Benefits

- Convenient shadowed case
- Economical replacement tips in three different lengths
- Shock absorbing grip — stops "finger sting"
- Hardened tool steel handle
- Work hardened extra tough steel tips

Pin Punch Set Contents

This convenient set includes three common pin punch sizes: 1/16", 3/32", and 1/8". Two long, four medium, and two short tips are included for each size. You can use a short stable tip to start driving the pin out and then change to a longer tip when you need more length to finish the job.



Replacement Tips		
P/N	**Description**	**Package Qty**
704KT	Punch Assortment, 1/16”	2 short, 4 med., 2 long
704LR	Punch Refill, Long, 1/16"	5
704MR	Punch Refill, Med, 1/16"	5
704SR	Punch Refill, Short, 1/16"	5
706KT	Punch Assortment, 3/32”	2 short, 4 med., 2 long
706LR	Punch Refill, Long, 3/32"	5
706MR	Punch Refill, Med, 3/32"	5
706SR	Punch Refill, Short, 3/32"	5
707KT	Punch Assortment, 1/8”	2 short, 4 med., 2 long
707LR	Punch Refill, Long, 1/8"	5
707MR	Punch Refill, Med, 1/8"	5
707SR	Punch Refill, Short, 1/8"	5

Pitot Heater Elements

Fits Piper PA-28-151 and PA-28-161 aircraft

- Each pitot tube requires two heaters
- Diameter of each part number is 3/16”



P/N	Aircraft	S/N	Volt.	Power	Length [2]
CA464-356	PA-28-151	All	14V	70watt	3.25"
CA464-356	PA-28-161	[3]	14V	70watt	3.25"
CA464-357 [1]	PA-28-151	All	14V	100watt	4.25"
CA464-357 [1]	PA-28-161	[3]	14V	100watt	4.25"
CA464-440 [1]	PA-28-161	All	28V	100watt	4.25"
CA464-441	PA-28-161	All	28V	70watt	3.25"

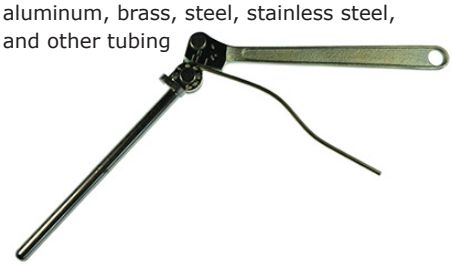
[1] Installed at an angle in the pitot tube
[2] Length is approximate
[3] S/N 2816001 thru 28-8216059

Manufactured by PMA Products, Inc.

Small Radius 1/8” Tube Bender

Ideal for fuel injection, primer, oil pressure, and oxygen lines!
Tube Bender P/N 364-FH-02

- Easily fabricate 3/8” radius bends up to 180°
- Calibrated to show angle of bend
- For bending 1/8” OD soft copper, aluminum, brass, steel, stainless steel, and other tubing



Cessna Brake Line Fairing Extrusion

Reduce Drag! P/N P580058

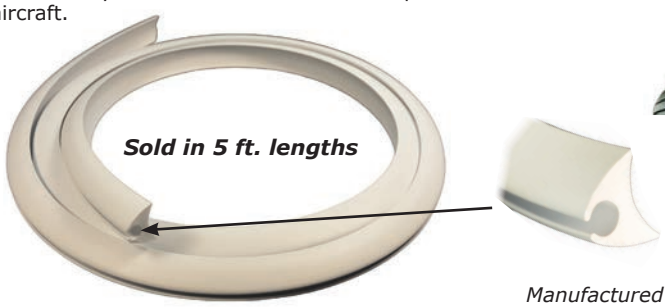
Replaces P/N S1511-1

- Paintable
- Easily attaches with super glue

White rubber extrusion that attaches to the trailing edge of flat Cessna landing gears and serves as a fairing for the brake line.

This extrusion was original equipment on later model aircraft with flat gears. Many mechanics use this as an improvement for the earlier aircraft.





Manufactured by Cessna Aircraft Company

U-Joint Taper Pin Removal Tool for Piper Control Yoke

P/N TOOL107

- Save time and money
- Makes removal of stuck pins easy
- Prevents damage from hammering behind the panel
- Compact to get in tight places
- Heat treated 4140 Alloy Steel



McFarlane Aircraft Tire Balancers

Tire balance is now fast, accurate and affordable!

Aircraft tires spin 1.6x faster than car tires.
Out-of-balance tires cause a long list of maintenance problems:

- Uneven tire wear
- Premature bearing wear
- Shimmy and resulting torque link damage
- Destructive and distracting airframe vibration

McFarlane's tire balancer is a suspension tire balancer with a patented design featuring a pivot point that is easily adjustable on-the-fly for maximum balance sensitivity. It is small enough to fit in a tool box and doesn't require a bulky stand. The McFarlane design is more precise than other static balancing methods, and allows the wheel and tire to be balanced with the bearings and seals installed.

It's fast and easy. Due to the horizontal balancing orientation, test weights can be temporarily set in place and easily adjusted while balancing. This eliminates the need to tape the test weights. The McFarlane tire balancers are precision machined with a black, hard anodized finish, and comes in an oiled wooden case. This is a ***lifetime tool*** that fits almost all light aircraft wheel/tire assemblies.

- On-the-fly adjustable pivot point for maximum sensitivity (U.S. Patent No.9,032,793 B1)
- Portable – small enough to fit in your toolbox
- Does not require removal of bearings or seals
- Complete instructions included
- Multiple models and add-on bushing kits to accommodate ¾", 1", 1¼", 1½", 1⅝", and 2" axles
- Conveniently packaged in a durable wooden box
- Doubles as a propeller balancer when used with our optional bushings



Part Number	Description
TOOL128	Tire balancer for ¾" diameter axles (common on experimental aircraft)
TOOL129 (Supersedes TOOL108)	Tire balancer for 1", 1¼", and 1½" axles, including Cessna 300 and 400 Series tapered axles with 1½" and 1" bearing bores.
TOOL129 LA-KT	Large Axle Bushing Kit for 1⅝" and 2" axles (compatible with TOOL129 only)
TOOL108 LA-KT	Large Axle Bushing Kit for 1⅝" and 2" axles (compatible with TOOL108 only)



P/N TOOL129



Costs less and is more accurate than axle style balancers.

Now available to accommodate standard and taper axle sizes ranging from 3/4" to 2".



P/N TOOL129 LA-KT

McFarlane Aircraft Propeller Balancing Bushing Kit

Fine tune propeller balance with this accurate and easy to use bushing kit!

An out of balance propeller can lead to harmful vibrations and costly aircraft maintenance.

Costly issues that may arise from an out of balance propeller include:

- Excessive load on crankshaft bearings
- Cracking of propeller and spinner bulkheads
- Engine mount wear and deterioration
- Distracting airframe vibration

P/Ns:
TOOL129 P1-KT (Compatible with TOOL129 Only)
TOOL108 P1-KT (Compatible with TOOL108 Only)




P/N TOOL129 with TOOL129 P1-KT

The McFarlane Propeller Balancing Bushing Kits are add-ons for either P/N TOOL129 or P/N TOOL108 tire balancers. These bushing kits make it possible to check the static balance of a propeller quickly and accurately.

- More accurate than knife edge and mandrel methods
- Allows for a quick check after minor repairs
- Durable wooden storage box
- Works with nearly all fixed pitch propellers
- Includes one 2¼" diameter bushing for SAE standard crankshaft bores, two cone bushings for the other side of the hub for bores ranging from 2¼" to 5⅛" diameter and complete instructions [1]

[1] Instructions cover the use of the tool for checking balance. Propeller manufacturer and FAA guidance must be used when changing the balance of a propeller; some manufacturers require the use of an authorized propeller repair station.

Part Number	Description
TOOL129 P1-KT	Propeller balancing bushing kit (compatible with TOOL129 only)
TOOL108 P1-KT	Propeller balancing bushing kit (compatible with TOOL108 only)

PROP GUARD Installation Tool

Saves time and makes installation easier!
P/N TOOL125

This rubber coated roller makes working air bubbles out during installation easier than using the spatula included with the PROP GUARD kits. The rubber conforms to the shape of the propeller, and the rolling action allows you to press harder to eliminate small air bubbles. It is recommended for customers who may be installing more than one PROP GUARD or those who just want to make the job faster and easier.



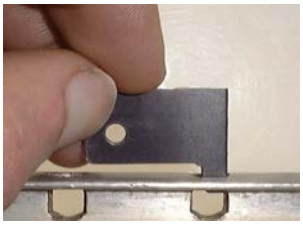
Seat Rail Wear Gauge for Cessna Aircraft

Checks seat rail wear limits as per FAA AD 2011-10-09 Seat Rail Directive

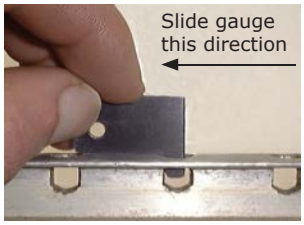
Fast and Positive - No More Guessing!!

- Precision machined heat treated steel
- Best way to check seat rails for the limits defined by FAA AD 2011-10-09
- Save time and $$$

Our Seat Rail Wear Gauge is designed to check for seat rail pin engagement hole wear on Cessna aircraft, as required by FAA AD 2011-10-09. This gauge is designed to measure the actual radius wear near the seat stop holes and allows for the 0.020" upper surface wear permitted by the AD.



1. Place the gauge into each hole location showing wear.



2. Slide gauge back along **top center** of the rail until it contacts the hole edge. Make sure to keep the gauge parallel and square to the unworn rail surface.



3. If the step touches the rail, lifting the gauge up, the wear is less than 0.42. If the step **does not** touch the rail, the wear is more than 0.42 and the seat rail must be replaced.





Seat Roller Housing Gauge for Cessna Aircraft

P/N TOOL110

- Hardened Stainless Steel
- Save time! Two times faster than calipers
- Step by step instructions
- Measures all three dimensions

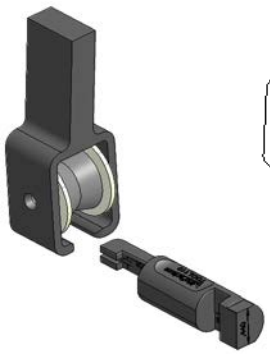
Scan the code to watch our product tutorial!

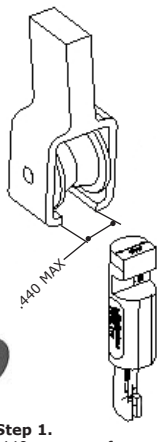
https://youtu.be/qeCq6I1uFws

Checks Cessna seat roller housing limits as per FAA AD 2011-10-09

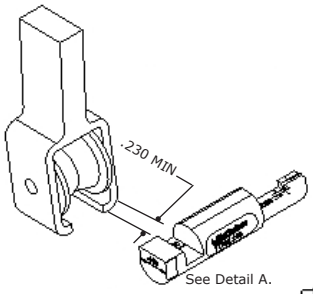
The McFarlane Seat Roller Housing Gauge is designed to facilitate inspection of seat roller housings for wear in Cessna aircraft as required by mandatory FAA AD 2011-10-09. This gauge simplifies determining whether the housing is in or out of tolerance by allowing the areas of concern to be gauged as opposed to measuring each individual attribute on each seat roller housing with calipers.

P/N TOOL110

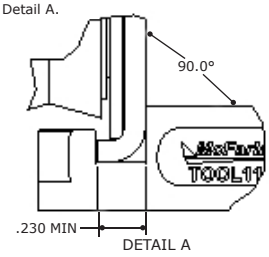


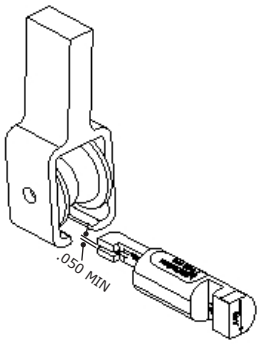


Step 1.
.440 gauge surfaces must not enter space between housing tangs.

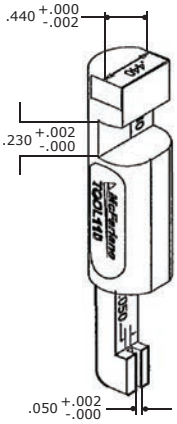


Step 2.
The bend area of the tang must not enter the space on the gauge marked .230. See Detail A.





Step 3.
The .050 space on the gauge must not fit on the worn area of the tang.



To calibrate; ensure gauge dimensions are within the tolerances shown.

.440 + .000/-.002
.230 + .002/-.000
.050 + .002/-.000

Cessna Bonding Straps

FAA-PMA approved direct replacements for 1517102 series bonding straps

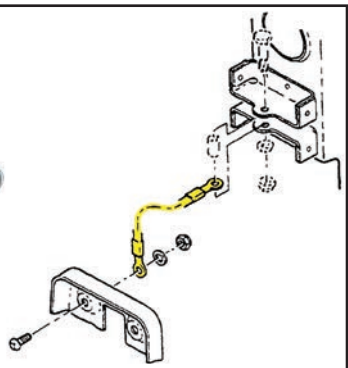
Frequently replaced! Offered at a fraction of the price



P/N MC1570102-1



P/N MC1570102-29



See our **Flight Control Surface and Attaching Hardware** section of the catalog for aircraft eligibility

Buss Fuses

Hard to find 9/32" OD
4AG/AGS/ABS Series

The 4AG series fuses are commonly specified in older aircraft. About 30 years ago Buss superseded them to the obsolete AGS series fuses. Even this newer series, is now leaving many aircraft owners struggling to find replacements.

The AGS fuses are now being replaced by ceramic ABS series of fuses that have the same electrical and thermal performance. McFarlane now has all three series (4AG, AGS, ABS) with a mix of new and new surplus fuses in stock.

Note: AGC series auto fuses are smaller (1/4" OD) and have different thermal properties than the 4AG/AGS/ABS fuses.

- Glass or ceramic tube, 9/32" X 1-1/4"
- Part numbers 4AG-#, AGS-#, or ABS-# Where # indicates current rating in Amps (1 to 40 Amps)
- Sold in packs of 5 each



Placards

Commonly replaced placards available!

Each placard measures 3½" X 1¼"



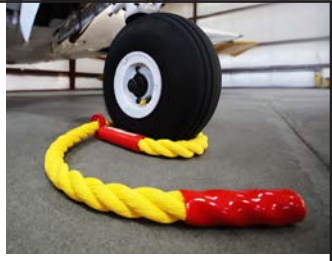
Manufactured by J&M Aircraft

P/N	Description
JM-005	No Step
JM-006	No Push
JM-007	No Lift
JM-008	Lift Here
JM-012	80-87
JM-013	100/130
JM-014	Auto Fuel
JM-015	No Smoking
JM-016	External Power 12 Vol
JM-017	External Power 24 Vol
JM-018	Aux Tank
JM-019	Zero Fuel Weight
JM-020	Max. Baggage Weight
JM-021	Jet Fuel Only
JM-022	Avgas Only
JM-023	Fasten Seat Belt
JM-028	Door Warning
JM-100	100LL

Rope Chocks

360-degree coverage to prevent your plane from moving or rolling!

Rope Chocks are an alternative solution to traditional wheel chocks for small-to-medium sized planes. They can help prevent moving or rolling due to environmental conditions, uneven surfaces, or bumps. Rope Chocks are weather and UV resistant, allowing them to last longer than traditional wood, aluminum, or rubber chocks. This design also prevents rain, ice, fuels, oils, and lubes from affecting performance. High-visibility color schemes are used to help reduce taxiing before removing the chock.





- Designed for small-to-medium sized aircraft
- Easy storage and handling - carrying case included!
- Safe and non-marking construction. Won't damage aircraft interiors or exteriors like block-style chocks
- No rattling around while on ground or in the air
- Impact-absorbing, lightweight polypropylene
- Weather and abrasion resistant
- Reduces risk of Foreign Object Damage (FOD)
- High-visibility color scheme
- Diameter: 1.25"



P/N RC100-1



P/N RC200-1

Description	Part Number	Qty
Yellow Rope Chocks	RC100-1	1
Yellow Rope Chocks Pair	RC100-2	2
Blue Rope Chocks	RC200-1	1
Blue Rope Chocks Pair	RC200-2	2

NEW



Rope Chocks carrying case!

Easy to use!

Sensorcon AV8 CO Detector

Portable Carbon Monoxide Monitor

Water-resistant and shock proof!

AV8 Inspector

P/N AV8-CO-01

Alligator Clip included!



- Larger screen size
- Range: 0-1999ppm
- Different alarm settings: visual and audio (Pro offers adjustable alarms)
  - Low alarm: greater than 35ppm
  - High alarm: greater than 200ppm
- Battery life: greater than 2 years
- Calibration life: 2 years
- Temp range: -20° C through 50° C
- Humidity range: 20% to 90%
- Response time: 20 seconds
- Hard mount

AV8 Inspector Pro

P/N AV8-CO-03

Same features as the AV8 Inspector, with these additional features:

- Vibrating alarm
- Alarm adjust settings
- 24-hour TWA protection

2-Year Warranty



Calibration note:
User needs to send detector in for calibration every 2 years. Cost is $50 with turnaround time at about 3 days.

Forensics CO Detector

Portable Carbon Monoxide Monitor

CO Detector: P/N CAR001
Alligator Clip: P/N CAR001-ALLIGATOR
CO Detector and Alligator Clip Complete Kit: CAR001-KIT

- Smaller in size and smaller screen size
- Range: 0-999ppm
- Different alarm settings:
  - Low alarm: greater than 9ppm visual alarm
  - High alarm: greater than 25ppm visual and audio
- Battery life: 6-8 months
- No calibration necessary
- Temp range: -10° C through 50° C
- Humidity range: 15% to 90%
- Response time: 60 seconds
- Stick-on mount



1-Year Warranty



Cowl Plugs and Prop Restraint

Protect your engine!
Cowl Plugs P/N ATI-COWL
Prop Restraint P/N PROP RESTRAINT

- Cowl plugs prevent dirt and other FOD from entering the cowl
- Restrain propeller to prevent windmilling on the ground
- Durable materials for use in harsh environments



Manufactured by AeroTwin

D A M™ Window Cleaner

Fast and easy aircraft window cleaner

- Aircraft size 1.5 oz. P/N DAM17-1.5
- Hangar size 16 oz. P/N DAM17-16
- Refill size 1 Gallon P/N DAM17-GAL

A fast, streak-free liquid spray designed for acrylic and other surfaces. The carnauba wax and polymer formula fills minor scratches and leaves a slick clean surface that makes cleaning bugs easier. Freezing and thawing of D A M™ window cleaner does not affect the performance of the product. Thaw and shake to use.

- Liquid spray — no smeary paste
- No ammonia and only a harmless trace of alcohol
- Safe on all surfaces — encapsulates the dirt as it works
- Anti-static — repels dust
- Amazing *Melt Away* cleaning power
- Economical — a little goes a long way
- Hazes off for a streak free polish finish
- Improves visibility in the rain



Request a sample!
P/N DAM17-1.5

You will love the results!

Part Number	Description	Size	Qty
DAM17-1.5	Aircraft size	1.5 oz	1
DAM17-1.5C	Aircraft size	Case	14
DAM17-16	Hangar size	16 oz	1
DAM17-16C	Hangar size	Case	12
DAM17-GAL	Refill size	Gallon	1
DAM17-GALC	Refill size	Gallon	4
Complete Window Cleaning Kits			
DAM17-KIT	Aircraft size	1.5 oz	1
	Hangar size	16 oz	1
	Cotton Towels		5
DAM17-GAL-KT	Refill size	Gallon	1
	Aircraft size	1.5 oz	3
	Hangar size	16 oz	3
Towels			
AC1212-5	Cotton Towels		5
AC1212-20			20

Directions

Shake well. Spray and rub bugs, dirt, and smears with your hand or small towel saturated with D A M™ until contaminants are loose and melted. Keep surface wet with D A M™ as you clean.

Wipe the window clean but not completely dry with a soft cotton or micro-fiber towel. The remaining D A M™ will quickly haze-off.

Finish by polishing with a clean dry cotton towel. Do not use paper towels as they have wood fiber that can scratch.

Cotton Towels

Avoid scratching your window with paper towels!

- Won't scratch
- Reusable and great for many cleanings
- Cheap enough to throw away
- Available in convenient 5 or 20 packs

D A M™ Aircraft Pulley Oil

New name, same dependable oil!
Featuring a re-designed needle oiler

Great for unreachable areas with traditional applicators

- Does not dry out and get sticky
- Loosens old stiff pulley grease
- Save the labor of re-oiling the control system every year!

20" Extension P/N 7249 now sold separately!



Convenient Kits	
Qty	Description
P/N PULLEY OIL KT	
1	Pint, Pulley Oil
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OILER KT	
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OIL	
1	Pint, Pulley Oil

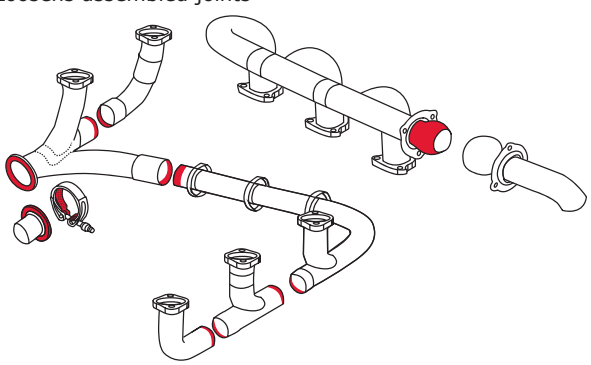
D A M™ Exhaust Lube

Aircraft Exhaust Anti-seize/Lubricant — The only anti-seize that works!

D A M™ Exhaust Lube is designed specifically for aircraft exhaust ball joints, clamps, slip joints, and hardware. A low viscosity liquid is blended with molybdenum-disulfide and other special micro-lubricants to produce a protective dry lubricant film. This film imbeds into the stainless steel and keeps your joints lubricated for years!

Do not use an anti-seize that contains graphite on your exhaust systems. Graphite corrodes and destroys the grain structure of stainless steel.

- Protects up to 2400° F
- **No** stainless corroding **graphite**
- Prevents heat corrosion and joint lockup
- Joints stay free to move with thermal expansion
- No greasy powdered metal paste that locks up anyway
- Low viscosity — a little goes a long way
- Loosens assembled joints



FOR BEST RESULTS, APPLY BEFORE ASSEMBLY
(Can also be applied to joint edges on older assemblies)

Handy Swab-top Can!



4 oz. can
P/N DAM20-4.0

Directions

Shake well.

Pre-assembly: Clean joint and apply a wet coat to both surfaces to be joined. The joint can be assembled wet or dry.

Assembled joints: Apply several times to joint edge. Allow time for capillary action to penetrate the joint. For better penetration of locked up joints, mix 50/50 with acetone, MEK, toluene, or similar solvents.





AeroShell Aircraft Engine Oil

We have the lowest cost on engine oil!
All oil is sold in 6 quarts per case, except Sport Plus 4 (sold in individual liters)



See **Tools and Maintenance** section for all oil types

Phillips Aircraft Engine Oil

P/N PHILLIPS XC 20W50
Ashless dispersant, multi-grade engine oil for piston engines

- Aids engine break-in
- High performance in all seasons
- Save $$$
- Sold in 12 quarts per case



CamGuard™ Oil Supplement

P/N CAMGUARD AVIATION 16 OZ
P/N CAMGUARD AVIATION GAL
FAA accepted! The only lubricant to undergo certification testing in the extremes of aerobatic use

- Maximum engine protection
- Prevents rust and corrosion
- Reduces the wear, oil weeping, and keeps seals supple, and flexible



See **Tools and Maintenance** section for details

Fuel Bacterial Field Test Kit (Bug Test)

NEW

P/N AL-BC quickly analyze jet or diesel fuel for bacteria and fungus; can be completed in the field!
Insert a fuel sample into a sterilized serum bottle. After a set time period, the color change is compared with the Bug Test Color chart to determine fuel quality.



- Detects microorganisms before they flourish
- Helps prevent plugged filters and fuel lines
- Quick and accurate!

Corrosion Preventer

Excellent water displacing corrosion inhibiting lubricant
Available in 11 oz cans
P/N AVL-LW16 (light)
P/N AVL-MW16 (medium)
P/N AVL-HW16 (thick)

NEW



*Shipping restrictions apply**

Cleaner and Degreaser

P/N AVL-FACD-II
18 oz can

NEW

- Fast acting
- Dries quickly
- Leaves little residue



*Shipping restrictions apply**

Curtis Fuel Sampling Cup

P/N MCCCA-39680
Pin diameter: 1/8"

- Stainless steel pin and fuel-resistant clear plastic
- Convenient no-mess method of draining fuel to inspect for proper grade and contaminants
- Works with any quick drain valve designed for a pin type cup



Permatex Form-A-Gasket NO. 2 Sealant

P/N 80011 (2C)
Slow drying, non-hardening sealant approved for use in aviation and automotive applications
Designed for dressing and sealing cut gaskets on flexible and stamped parts

- Allows for easy disassembly if required
- Resists gasoline, oil, and grease
- Temperature range: -65°F to 400°F (-54°C to 204°C)
- 11 oz bottle



NEW

Manufactured by Permatex

Kroil and AeroKroil Penetrating Oil

Throw away your other penetrating oil! This stuff works
P/N AEROKROIL — 10 oz. aerosol can of kroil
P/N KROIL GAL — one gallon can





- Loosens frozen metal parts
- Creeps into openings as small as one millionth of an inch!
- Loosen the toughest stuck together or rusted metal parts
- Loosens nuts, bolts, studs, screws, pulleys, shafts, bearings, pipe threads, valve guides, exhaust parts, or any corroded metal parts
- Kroil and AeroKroil meet and exceed military specifications AA50493 and VV-P-216 (for industrial use only)

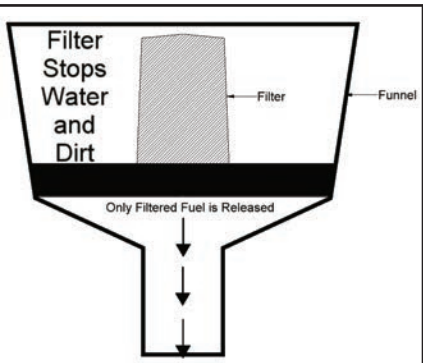
Manufactured by Kano Laboratories

Mr. Funnel

P/Ns F1C, F3C, and F8C
Fuel filter funnel stops water and dirt. The Teflon coated stainless steel filter is so fine that water cannot get past it! Works with all aviation fuels, gasoline, diesel and kerosene.







- Tested and proven in rugged Arctic environment
- Expected 10 year life
- Fast flow rates
- Self cleaning lifetime filter
- Filter stops water and dirt
- Conductive plastic

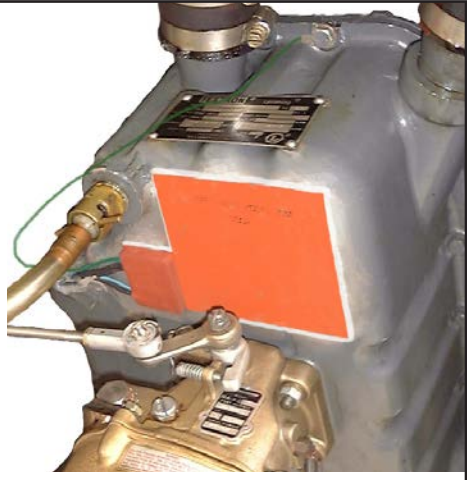
P/N	Size	GPM
F1C	6" X 3.5"	2.7 Gallons per minute
F3C	8.75" X 5.5"	3.5 Gallons per minute
F8C	10" X 8.5"	5.0 Gallons per minute

Mfg by Hopkins Manufacturing Corp.

SAFE-HEET™ Silicone Pad Aircraft Engine Heaters

Easy to use!
Preheat in cold weather for longer engine life

- Permanent installation — thin flexible pad bonds to engine oil sump
- FAA-PMA for Continental, Lycoming and Franklin engines
- No STC or 337 form required (log book entry only)
- No engine or airframe modifications required
- Kit contains instructions and all necessary materials
- Uses standard 110V AC
- Can also be used with a timer or temperature controller



Now with surge protection!

Economical and Efficient

- Heats the air inside the engine
- Uses about 300 Watts
- Warms the engine oil from subzero to safe starting temperature in **less than 1 hour**
- Thermally conductive adhesive for efficient heat transfer and lower surface temperatures
- Bonded heatsink distributes heat evenly
- Reduces costly starter and engine abuse during cold weather starts

Safe

- UL recognized components. 100% thermal fused element
- External ground wire grounds the engine and airframe to the electrical outlet, reducing the risk of electrical shock in damp outdoor locations
- Thermostatically controlled to maintain oil sump temperature less than 160° F
- No flame or hot air to burn cowling or plastic parts
- Reduces the risk of fires associated with cold starts
- Ground Fault Circuit Interrupter (GFCI) included to reduce the risk of electrical shock and power surge damage

Installation Tip:
SAFE-HEET engine heaters are installed with a two-part adhesive. The engine heater can be installed quickly and easily by using the 707 temperature controller at half power. At temperatures below 70°F the temperature controller must be used to ensure proper adhesive cure. Proper adhesive cure is essential to full service life of the heater.

Convenient Kits Include Variable Temperature Controller
(also available separately, see next page)

Industry-leading
48-month Warranty!



SAFE-HEET P/N 700
200 Watts
4" X 4"



SAFE-HEET P/N 705
150 Watts
3.5" X 7.3"



SAFE-HEET P/N 720
300 Watts
4" X 7"

FAA-PMA Model Series	P/N	Kit P/N
Teledyne Continental Engines		
A65, A75, C-75, C-85, C-90, O200	705	705KT
C-125, C-145, O-300, GO-300, E165, E185, E225, IO-360, TIO-360, LTSIO-360	700	700KT
O-470, IO-470, LIO-470, FSO-470, TSIO-470, GIO-470, IO-520, GTSIO-520, LTSIO-520, IO-550	720 [3]	720KT
Textron Lycoming Engines		
O-235, O-290, O-320 (EXCEPT O-320-H), IO-320, AIO-320, LIO-320, AEIO-320, O-360, HO-360, LO-360, IO-360, HIO-360, AIO-360, LIO-360, LHIO-360, AEIO-360, VO-360, IVO-360, TIO-360, TO-360, TIO-360, LTO-360, O-435, GO-435, VO-435, GO-480, GSO-480, IGSO-480	700	700KT
O-540, VO-540, TVO-540, IO-540, HIO-540, AEIO-540, IGO-540,IGSO-540,IVO-540,TIO-540,LTIO-540,TIVO-540,IO-720	720 [3]	720KT
Franklin Engines		
6A4-150, 6A4-165	700 or 720	700KT or 720KT

Notes:
[1] Engine oil sump configurations may vary for specific engine models. There is insufficient oil sump or oil tank area and clearances as specified in the SAFE-HEET Installation Instructions for use of the SAFE-HEET engine heaters on some engine-airframe installations.
[2] For dry sump engines, use SAFE-HEET pads on the oil tank. The installer must evaluate as per the SAFE-HEET Installation Instructions the available oil sump or oil tank area below the oil level for use of SAFE-HEET pads on all engine models.
[3] Where the oil sump area is limited, Model 700 may be used. Specifically; 182RG Aircraft are equipped with an O-540 engine. Eligibility shows to use model 720 SAFE-HEET. We have found that there is a limited area to install the 720 model, and customers with a 182RG should use model 700 SAFE-HEET.

Variable Temperature Controller

Makes installation fast and easy!
P/N 707



Our variable temperature controller can be used for continuous engine heating. Lower temperature settings help prevent internal engine corrosion normally associated with leaving engine heaters on at full power.

Our SAFE-HEET engine heater can be plugged into the controller to improve installation. The controller allows the pad to cure its special thermo conductive adhesive by using its own heat energy at a reduced rate.

May be used with other brand engine heaters.

Ground Fault Circuit Interrupter (GFCI)

P/N 709SK



Included with our SAFE-HEET is a Ground Fault Circuit Interrupter. 709SK is used to protect your engine and SAFE-HEET from ground fault situations (insulation failure). The 600W GFCI will open the circuit if more than 5 mA is detected not returning through the GFCI.

This prevents lethal electrical shocks to the operator or electrical arcing between the engine and heat pad. Insulation failure could be caused by lightning, electrical surge or mechanical damage. In some situations, arcing between the heat pad and the engine pan could cause oil leakage and subsequent engine failure. Each GFCI is individually tested.

May be used with other brand engine heaters.

Pitot Covers

Install without a ladder!
P/N PITOT

Protect the pitot tube from being contaminated by dirt, debris, and insects with a pitot tube cover.



Manufactured by AeroTwin

Tail Stand

Prevent your plane from falling on its tail while loading and unloading!
P/N ATI-STAND
Powder coated finish

Adjustable height



Manufactured by AeroTwin

Control Lock

P/N 2660055-1RA

- Direct replacement
- Significantly lower cost $$$



Manufactured by AeroTwin

Placards

Commonly replaced!
Measures 3½" X 1¼"
Manufactured by J&M Aircraft



P/N	Description
JM-005	No Step
JM-006	No Push
JM-007	No Lift
JM-008	Lift Here
JM-012	80-87
JM-013	100/130
JM-014	Auto Fuel
JM-015	No Smoking
JM-016	External Power 12 Vol
JM-017	External Power 24 Vol
JM-018	Aux Tank
JM-019	Zero Fuel Weight
JM-020	Max. Baggage Weight
JM-021	Jet Fuel Only
JM-022	Avgas Only
JM-023	Fasten Seat Belt
JM-028	Door Warning
JM-100	100LL

Microphone Switch for Beechcraft

Manufactured by PMA Products, Inc.

Model	Part Number
F90,C99, 100,A100,B100, 200,200T,200C,200CT, 300,300LW,B300,B300C	CA601-4300
1900,1900C, B200,B200C,B200CT,B200T	CA99-340253-1



P/N CA601-4300



P/N CA99-340253-1

Cargo Tie Down

Secure your cargo

FAA-PMA/STC approved for Cessna 208 and Piper PA-31 models
Clamps to seat rails to provide tie down points to secure cargo

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability



P/N TDP-31



P/N TDC-208

Manufactured by F Atlee Dodge

Note: *This product is not to be used as a seat stop.*

Model	Part Number
Cessna	
208, 208A,B	TDC-208
Piper	
PA-31, PA-31-300,325,350, PA-31P, PA-31P-350, PA-31-T, PA-31-T1, PA-31-T2, PA-31-T3	TDP-31

Cargo Tie Down Fittings for Brownline Tracks

- Use with Brownline style track (McFarlane P/N series 6656) or other MS33601 compatible track - sometimes called L-track
- Perfect for net or strap restraint applications
- Spring loaded fitting snaps securely into place and can be easily moved to different positions

See **Cargo and Seat Components** section for measurements and load capacities



P/N 47981-11



P/N 32505



P/N 32507



P/N 32401



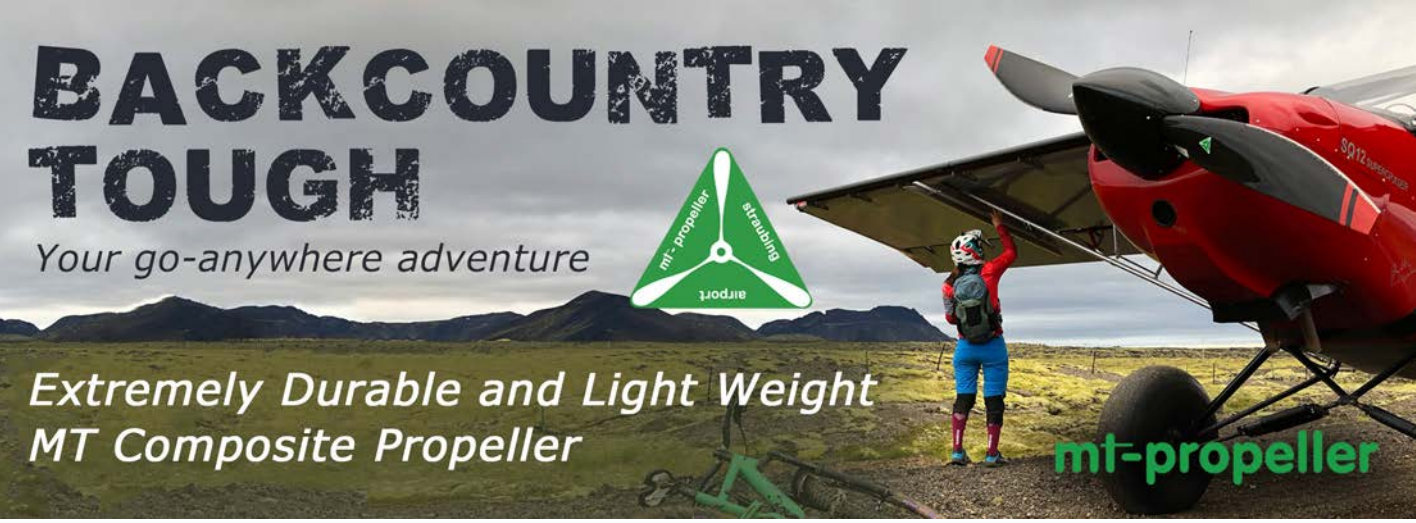
P/N 40340-20



P/N 40340-21



P/N 47981-10



Nose Gear Gravel Deflector

Protect your cargo pod from costly rock damage

- Deflect rocks from belly, antennas, and cargo pod
- For maximum equipment protection, install the Main Gear Gravel Deflector and the Nose Tire Scraper
- Also great for operating from paved surfaces!



Manufactured by AeroTwin

Aircraft	P/N
Cessna	
206, 206H, T206H[1], P206, P206A,B,C,D,E[1], TP206A,B,C,D,E[1] TU206A,B,C,D,E,F,G[1] U206, U206A,B,C,D,E,F,G[1]	NGD6-100
208, 208B	NGD8-100
Quest/Daher	
Kodiak 100	NGDQ-100

Notes:
[1] Only approved with the Airglas large nose fork

Floatplane Steps and Handles

Safely climb onto your aircraft with P/N FP8-100

Provides access to the top of the wing for fueling without a ladder.

- Easily and safely fuel your aircraft
- Designed for floatplanes, but can be used on land-based 208 aircraft
- Only applicable for 208 model
- Acceptable Alternate Method of Compliance (AMOC) to AD 2006-01-11 for 208's not approved for flight into known icing

Manufactured by AeroTwin

Main Landing Gear Gravel Deflector

Prevent damage to the stabilizer and aft fuselage

- Deflect rocks from stabilizer and fuselage
- Keep mud, snow, and rocks off of your wings
- Installation requires no additional holes in the structure



Aircraft	P/N	Applicable w/ STC Installed
Cessna		
180, 180A,B,C,D,E,F,G,H,J,K	GD5-100	SA02022AK
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q[2]	GD5-102	
185, 185A,B,C,D,E, A185E,F	GD5-105	SA4622NM
P206, P206A,B,C,D,E[1], TP206A,B,C,D,E[1]	GD6-100	
TU206A,B,C,D,E,F,G[1], U206, U206A,B,C,D,E,F,G[1]	GD6-200	
207, 207A, T207, T207A	AT-GD-1001	SA4623NM
208, 208B	GD8-100	
Quest/Daher		
Kodiak 100	GDQ-100	

[1] For big tires, use P/N GD6-200
[2] S/N 33000 thru 18266590

Manufactured by AeroTwin

Nose Tire Scraper

Shield your propeller from gravel, sand, and water damage!
P/N ATI-208TS fits Caravan 208, 208B with STC SA2335NM installed
P/N TSQ-100 fits Quest/Daher Kodiak 100

- Easily install in under 20 minutes
- Rubber scraper knocks rocks out of the tire tread to keep them from being flung forward though the prop
- Replacement rubber scrapers are available



Manufactured by AeroTwin

Tailwheel Shimmy Dampener

FAA-STC approved replacement for SCOTT and ABI 3200 and 3400 tailwheel assemblies

These compact and lightweight assemblies hydraulically dampen oscillations to eliminate shimmy and stabilize your tailwheel

- Smoother landings
- Reduced aircraft wear and tear
- No headache installation and maintenance
- Includes STC



Which Tailwheel Shimmy Dampener do I need?

First select your assembly base part number below. Then select additional options applicable to your base part number to find the full Tailwheel Shimmy Dampener part number.

Assembly	Base P/N	Fig
3200 Bent	KEG-117	1
3200 Straight	KEG-116	2
3200-3 2-Hole Straight	KEG-118	3
3400/3450 Bent	KEG-111	4
3400/3450 Straight	KEG-112	5
3450-23 2-Hole Straight	KEG-113	6

If KEG-116 or KEG-117:		
Tail Spring Width	**Full P/N**	
1-1/4"	KEG-116-1	KEG-117-1
1-1/2"	KEG-116-2	KEG-117-2
1-3/4"	KEG-116-3	KEG-117-3
Cessna 170 Adapter Plate	KEG-116-C170	KEG-117-C170
If KEG-111 or KEG-112:		
Tailwheel	**Full P/N**	
ABI Tailwheel	KEG-111-1	KEG-112-1
SCOTT Tailwheel	KEG-111-2	KEG-112-2
If KEG-118 or KEG-113:	**Full P/N**	
No additional options	KEG-118	KEG-113

Notes: Not compatible with the T3 Tailwheel Suspension. A long pawl tailwheel assembly is required. Installation of the tail wheel shimmy dampener on Cessna 170 aircraft with 3200 series tailwheel assemblies requires an aircraft-specific leaf spring adapter plate.

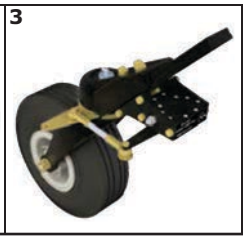
1



2



3



4



5



6



Wheel Assemblies, Brake Assemblies, and Complete Kits

Complete kits and replacement components for Cleveland wheels

After mastering the go-to bush tire, Alaskan Bushwheels turned to improving the standard Cleveland wheel and brake design. The FAA-PMA result of that design process is this line of ABI wheel and brake kits. Parts are made of aluminum, not magnesium. The material improves corrosion resistance and part longevity, particularly in wet/salty environments. The ABI Wheel and Brake Kits contain all the components required to replace the existing wheels and brakes for one aircraft.

- FAA-PMA approved
- Anodized using MIL SPEC A-8625, Type 2, Class 2, black
- More resistant to corrosion
- Longer lasting
- Complete kits and subassembly parts available

*See **Brake and Wheel** section of catalog for Wheel Assemblies, Brake Assemblies, and their individual components*



Complete Wheel and Brake Kits			
Aircraft Model	**Cleveland P/N**	**Initial STC Install**	**Complete Kit P/N**
Cessna			
180	199-62A	Piper J-3, J3C, PA-11,12,14,16,18	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62	Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3
185	199-62A	Piper J-3, J3C, PA-11,12,14,16,18	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62	Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3
206	199-62A	Piper J-3, J3C, PA-11,12,14,16,18	ABI-199-62A (6-bolt 1 1/2" axle) 1
	199-62	Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3
Piper			
J3, J5C, PA-11,12,14,15,16,17, PA-18-150, PA-18A-150, PA-20	199-71		ABI-199-71 (6-bolt, 1 1/4" axle) 2
Maule			
M-4, M-9	199-62	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3 4
American Champion			
7 and 8 series	199-62	Piper J-3, J3C, PA-11,12,14,16,18 Cessna 170, 172, 180, and some 185	ABI-199-62 (3-bolt, 1 1/2" axle) 3 4

Notes:

1 Kit includes (qty 2) ABI 40-75T 6"-wheel assemblies and (qty 2) ABI 30-52N brake assemblies (including bearings, races, bolts, etc). This kit is incompatible and has fitment issues with all C172 tubular gear airplanes.

2 Kit comes with (qty 2) ABI 40-60 6"-wheel assemblies and (qty 2) ABI 30-60A brake assemblies (including bearings, races, bolts, etc).

3 Kit comes with (qty 2) ABI 40-75D 6"-wheel assemblies and (qty 2) ABI 30-52N brake assemblies (including bearings, races, bolts, etc). This kit is incompatible and has fitment issues with all C172 tubular gear airplanes.

4 You will need an OEM drawing and your mechanic to sign off on the installation for these aircraft. These drawings can be obtained from Maule or American Champion.

Ice Inspection Handle

P/N 208-ICE HNDL

- Save $$$
- Complies with AD 2006-01-11

Manufactured by AeroTwin



Tail Slide Abrasion Guard

P/N TAIL SLIDE ABRASION GUARD

Guards the Tail Slide section most affected by damage

- Abrasion-resistant steel
- Ideal for flight training purposes





Manufactured by Middle Fork Mods

Entry Step

Stronger and corrosion resistant
P/N 8013-01

- FAA-PMA approved
- Left and right step are universal
- Reinforced corner for strength
- Powder coated white

FAA-PMA Approved Aircraft
170 thru 170B
180 thru 180F
185 thru 185E

Manufactured by F Atlee Dodge



Tail Slide

STC approved for Cessna aircraft

Protect your aft bulkhead in the case of an accidental tail strike! Perfect for flight training and rough fields

- Made from high-strength aluminum
- Epoxy-primed and ready for paint!
- Tail Slide Abrasion Guard available separately



Prevents tail cone and bulkhead damage





Stencils included

Manufactured by Middle Fork Mods

Aircraft	P/N
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S, 172RG, F172D,E,F,G,H,K,L,M,N,P, F172P, FP172, FR172E,F,G,H,J,K, R172E,F,G,H,J,K, P172D	TAIL SLIDE 172 KIT
175, 175A,B,C	TAIL SLIDE 172 KIT
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T, R182, T182, T182T, TR182	TAIL SLIDE 182-210 KIT
210-5 (205), 210-5A (205A)	TAIL SLIDE 182-210 KIT
206, 206H, T206H, P206, P206A,B,C,D,E, TP206A,B,C,D,E, TU206A,B,C,D,E,F,G, U206, U206A,B,C,D,E,F,G	TAIL SLIDE 182-210 KIT
207, 207A, T207, T207A	TAIL SLIDE 182-210 KIT
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R, P210N,R, T210F,G,H,J,K,L,M,N,R	TAIL SLIDE 182-210 KIT

Boot Cowl Handle

Slightly larger to accommodate gloves!
P/N 3354H

180H,J, A185E,F, U206/TU206A,B,C,D,E,F,G, P206/TP206A

- May not match up with existing bolt pattern due to alternate styles used by OEM
- Undrilled
- Replacement for P/N 0713191-1
- FAA-PMA



Boot Cowl Step

Larger size to accommodate hunting and fishing footwear!
P/N 3354S

U206/TU206A,B,C,D,E,F,G, P206/TP206A

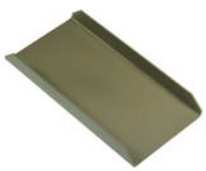
- Undrilled
- White powder coating
- 2 per aircraft
- Direct replacement for P/N 124022-5
- FAA-PMA



Boot Cowl Doubler

P/N 3354D

Doubler P/N 3354D is a convenience item useful for reinforcing the mounting locations for P/N 3354H and 3354S Boot Cowl Handles and Steps. For mounting locations that do not have enough clearance for the doubler the installer must rely on existing stringers, other existing structure, and/or a custom fabricated doubler. It is up to the installer to verify the structural integrity of the attachment.



Manufactured by F Atlee Dodge

V Brace Assembly

Durable, High Quality Construction!

FAA-PMA approved for Cessna 180 thru 206 models

- Thicker baseplate and feet to prevent cracking
- Stainless steel
- Save $$$
- Longer service life

Aircraft	P/N
180, 180A,B,C,D,E,F,G	180VBE [1] AD0513003-19
180H,J,K	AD0713103-2
185, 185A,B,C	AD0513003-19
A185E,F	AD0713103-2
206, U206, T206A-G, U206A-G	AD1242001-18
207, T207	AD1242001-18

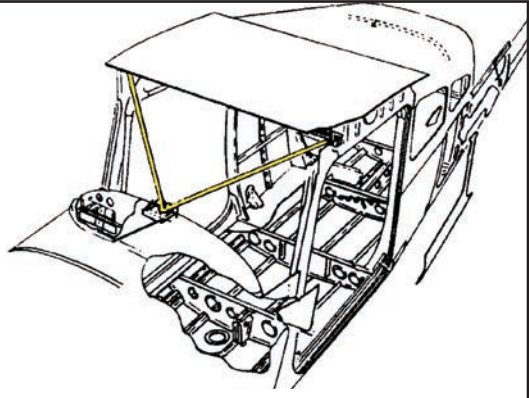
Notes:
[1] 180, 180A,B only



P/N 180VBE



P/N AD1242001-18



Manufactured by F Atlee Dodge

Folding Rear Seats

Convert from people to cargo in just a few minutes!
P/N 3187 (includes the left and right seats)

170 thru 170B, 172 thru 172S, 175 thru 175C,
180 thru 180K, 182 thru 182D

P/N 3187-182E [1] (includes the left and right seats)
[1] FAA Approval Pending

182E thru 182T, 185 thru A185F

The FAA-PMA/STC approved folding rear seats replace the existing bench seat and increase the flexibility and utility of your airplane. The seats can be independently folded forward, stowed to the side, or totally removed in minutes to allow cargo and passenger configurations.

- Easy access to baggage
- Easier access to the tail cone for maintenance
- Increased payload! About 20 pounds lighter than the original bench seat



Frees wasted space
The original bulky bench seats take nearly twice as much floor space as the compact, yet comfortable folding seats.

- 50% more baggage space
- More leg room

20 Pounds Lighter!

Convenient installation kit
Seats are sold in pairs (left and right) as a kit with all required installation hardware, including mounting tracks that attach to the floor and side door frame. (Seat belts, upholstery, cushioning, and stowage straps/bungees not included).

Upholster to match your interior
This is not a "jump seat" or "utility seat". You don't have to sacrifice comfort and style. Seats provide room for a cushion and upholstery up to 2 inches thick. Match your interior for an attractive and comfortable finish.



Manufactured by F Atlee Dodge

Heavy Duty Seat Back Frame

Heavy Duty - 10 oz. heavier with less tendency to wear out!
P/N 3226
Replaces P/N 1214012-1 and 1214012-4
FAA-PMA approved for Cessna 206 aircraft



Manufactured by F Atlee Dodge

Firewall Mounted Battery Rack

Easier access and less weight!
P/N 8008

Quick and easy mounting
The Firewall Mounted Battery Rack mounts on the firewall on existing stringers or channels, allowing for quick and easy mounting and easier servicing with no extra support required.

Shorter wiring
With shorter wiring, power loss from long wires is eliminated and starting is improved.

- Designed for Lightweight Dry Cell Battery, P/N 0769-4005
- FAA-PMA/STC approved

Saves 19 Pounds!

Manufactured by F Atlee Dodge

Model
150K, A150L, F150K, FA150K
170, 170A,B
172B,C,D,E,F,G,H,I,K,L,M,N,P
F172D,E,F,G,H,K,L,M,N,P
R172E,F,G,H,J,K
175, 175A,B,C
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D,E,F,G,H
185, 185A,B,C,D,E, A185E,F



Lightweight Dry Battery: 680 Amps

Superior vibration resistance
P/N 0769-4005

- Big power in a little box
- Leak proof, high G rated
- 6 to 10 year service life
- Can be used with battery rack P/N 3304 or 8008
- FAA-PMA and FAA-STC

Saves 15 Pounds!



Manufactured by EnerSys Energy Products

Oil Filters, Spark Plugs, and Air Filters

Available for Cessna, Piper, Maule, and more
See Firewall Forward section of the catalog for aircraft eligibility







Manufactured by Tempest

Cargo Tie Down

Secure your cargo
TDC-208

FAA-PMA/STC approved for Cessna 208 and Piper PA-31 models
Clamps to seat rails to provide tie down points to secure cargo

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability



P/N TDP-31



P/N TDC-208

Manufactured by F Atlee Dodge

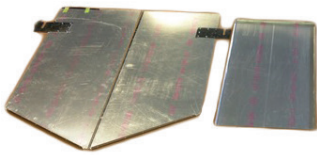
Model	Part Number
Cessna	
208, 208A,B	TDC-208
Piper	
PA-31, PA-31-300,325,350, PA-31P, PA-31P-350, PA-31-T, PA-31-T1, PA-31-T2, PA-31-T3	TDP-31

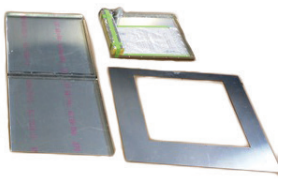
Note: This product is <u>not</u> to be used as a seat stop.

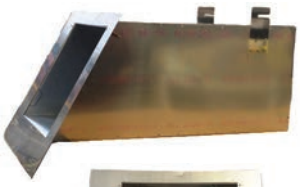
Extended Baggage Kit for PA-18 "150" Series

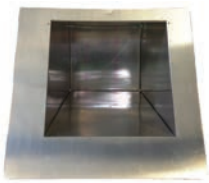
No welding required - Extends baggage area by almost 3 feet!
P/N 2103

- FAA-PMA/STC approved for most PA-18 aircraft
- Requires PA-18 "150" fuselage or equivalent previously approved 1750 lb gross weight modification at longitudinal station 99.0
- No welding required, may be assembled with blind or solid rivets
- Approx. compartment dimensions: 14" high X 15" wide X 35" deep
- Rated for 20 lbs of baggage









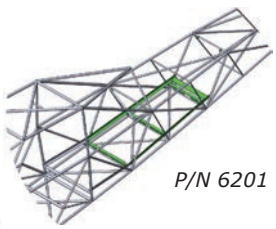
End view

Manufactured by F Atlee Dodge

Weld-In Extended Baggage Kit for PA-18 and PA-19 Series

Large volume for bulky, light-weight cargo!
P/N 6201

- FAA-STC approved for PA-18 and PA-19 aircraft
- Weld-In modification consisting of steel support frame and support tabs
- Great for storing wing covers, engine blankets, sleeping bags, paragliding sails and more
- Approximate dimensions: 22-1/2" wide at the front X 17-1/2" wide at the back X 43-1/2" deep
- 10 lb maximum load

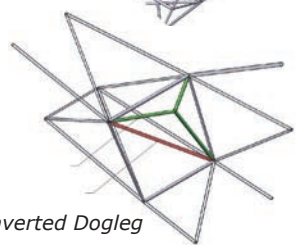


P/N 6201

Inverted Dogleg STC for PA-11, PA-12, PA-18 and PA-19 Series

Makes loading baggage easier! STC SA02436AK

- Relocates the diagonal tube to the upper right corner
- FAA/STC approved for PA-11, PA-12, PA-18 and PA-19 aircraft
- Allows easy access to the aft baggage area from the baggage door
- No more catching your gear when removing it from the extended baggage area
- Longer cargo can be placed at an angle for easier insert/removal through the baggage door



Inverted Dogleg

Manufactured by F Atlee Dodge

Heavy Duty Main Landing Gear

2000 lb gross weight model
FAA-PMA/STC approved

PA-18 and PA-19

Make sure your landing gear can take the abuse!

Standard Height Gear
1-1/4" axle use P/N 3225-1 (LH) and 3225-2 (RH) 1
1-1/2" axle use P/N 3225-1A (LH) 1 and 3225-2A (RH) 1

3" Extended Height Gear
1-1/4" axle use P/N 3284-1 (LH) and 3284-2 (RH)
1-1/2" axle use P/N 3284-1A (LH) 1 and 3284-2A (RH) 1

The 3" extended landing gear gives more height and prop clearance, which is especially important for sand or gravel landings. Powder coat finish. Also available with Epoxy primer, Gloss White, or 20% Semi-gloss for additional charge.



Note:
Can be used on models J-3, PA-11,12,14, but requires another STC mod involving additional parts and welding. Call for more information.
1 FAA Approval Pending

Manufactured by F Atlee Dodge

Aircraft Tie-Down Brackets for PA-12, PA-18 Series

Prevents failure at the lift strut attach point
P/N 3197

Designed to take the load off the attach point

- Sold individually
- Uses 2 per aircraft
- FAA-PMA/STC approved



Manufactured by F Atlee Dodge

Cabane Vee

Alaska tough!
P/N 3166-1 and 3166-2

FAA-PMA/STC approved for Piper

- Beefed up in the right places
- Tough powder coat finish
- Available in Gloss White for additional charge
- 2 sizes: stock and 3" extended gear



Manufactured by F Atlee Dodge

Model	Part Number
PA-12, PA-12S	3166-2
PA-14	3166-2
PA-18, PA18-105, PA-18-125, PA-18-135, PA-18-A135, PA-18-150, PA-18-A150	3166-1

Main Gear Shock Struts

Heavy duty, but lightweight!
Uses (2) per aircraft, sold individually

- PA-12, PA-12S, PA-14, PA-18, PA-18-135, 150, PA-18-A135, A150, PA-18 with standard landing gear use **P/N 3164-1**
- PA-12, PA-14 with standard landing gear use **P/N 3164-2**
- PA-18 with 3" ext. landing gear use **P/N 3164-3**
- PA-12, PA-14 with 3" ext. landing gear use **P/N 3164-4**
- For standard or 3" extended landing gear
- Powder coat finish; also available with Epoxy primer, Gloss white, or "Wolf Hunter" Black for additional charge



Manufactured by F Atlee Dodge

Safety Cables

Don't let a bungee failure cost you an airplane!



Model	Part Number
PA-12, PA-12S, PA-14	2089-12 [1] 3344-12 [2]
J3, PA-11, PA-12, PA-14, PA-18, PA-19	2089-18 [1] 3344-18 [2]

Notes:
[1] With standard gear use
[2] With 3" extended gear use

Heavy 1/4" cable will get you home!

Manufactured by F Atlee Dodge

Spar Reinforcing Strut Bracket

Spreads out lift strut spar loading
P/Ns 3192-12 and 3192-18
PA-12, PA-14 series use **P/N 3192-12**
PA-18, PA-19 series use **P/N 3192-18**

Protrudes out of wing and attaches to lift strut. Prevents spar flex by reinforcing the front.

- Install during wing maintenance
- Stainless steel construction, powder coated white
- FAA-PMA/STC approved



Manufactured by F Atlee Dodge

Refueling Step

No more step ladders
P/N 3190/-10, 3190/-11, 3190/-12
FAA-PMA/STC
J3C-65, J3F-50, J3F-60, J3F-65, J-3L, J3L-65, J-4, J-4A, J-4B, J-5A, J5C, PA-11, 12, 14, 15, 16, PA18-105, 125, 135, A-135, 150, A-150, PA-19, PA-20, PA-20-115, PA-20-135, PA-22-108, 135, 150, 160

Clamps onto main gear leg for easier refueling

Select P/N by landing gear front tube OD:

1.25" OD use **P/N 3190/-10**
1.375" OD use **P/N 3190/-11**
1.5" OD use **P/N 3190/-12**

Powder coated white. Available 20% Semi-gloss for additional charge.



Rear Seat Heater for PA-18 Series

A must for winter flying
Alaska proven!
P/N 3175

- Heater modification using warm exhaust heat to heat back seat
- Requires some modification to the firewall
- Complete with firewall valve and control
- FAA-PMA/STC approved



Manufactured by F Atlee Dodge

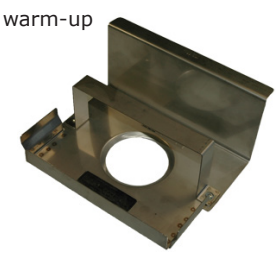
Log book entry only;
No FAA 337 form required

Under Seat Battery Rack for PA-18 and PA-19

Easy battery removal
P/N 3304
Mounts under front seat for easy removal and warm-up of battery.

- Uses FAA-PMA Battery P/N 0769-4005
- FAA-PMA/STC approved

Saves 15 Pounds!



Manufactured by F Atlee Dodge

Main Gear Long Step

Easy clamp-on modification
Much easier cabin entry
P/N 3195
AE-1, HE-1, J3, J4, J5, PA-11, PA-12, PA-14, PA-18, PA-19

The Main Landing Gear Long Step is usable on both sides of the aircraft as an entry step or refueling step.

Heavy tube with 3 sizes of clamps.

- A must for bush gear and tires
- Alaska tested
- Durable non-skid surface stays on
- Powder coated white for durable corrosion resistance
- FAA-PMA/STC approved

Available in 20% Semi-gloss at no additional charge.



Manufactured by F Atlee Dodge

Safari Seat for PA-18 and PA-19 Series

P/N 6151
Easily installed and removed
Clamps in and designed for easy removal with quick release pins.

Weight saver
Lightweight folding rear seat saves 10 pounds over existing seat.
FAA-PMA/STC

Folding rear seat!

Saves 10 Pounds!



Manufactured by F Atlee Dodge

Folding Front Seat and Seat Kit for PA-18 and PA-19 Series

Makes entry and loading much easier!
P/N 3186-1A
STC direct replacement and bolt in replacement seat



P/N 3186-KIT
FAA-PMA/STC kit to modify your seat



Manufactured by F Atlee Dodge

Removable Rear Seat Crossbar

Makes loading easy
P/N 3146-1
PA-18-105, 125, 135, 150, PA-18S-105, 125, 135, 150, PA-19S, PA-19

- FAA-PMA/STC approved
- Install instructions, pins, and blocks included



Manufactured by F Atlee Dodge

Pilot Seat Belt Attachment Kit

Weld on front seat belt attach kit!
P/N 3246
PA11, PA11S and PA18 series aircraft

- Relocates seat belts to floorboard
- Secures pilot seat to fuselage in the event of an accident
- FAA-PMA



Manufactured by F Atlee Dodge

Brake Reinforcing Channel for PA-18

FAA-PMA

No more cracking!
P/N 4231

- Made with 4130 steel for durability
- Located under the brake system and the front seat (the brake pedal is attached to the brake channel)



Manufactured by F Atlee Dodge

Firewall, Stainless Steel and Titanium

P/N 8007-01 for Stainless Steel
P/N 8007-02 for Titanium
PA-18, PA19, and PA19S Series

- Replaces P/Ns 12365-003, 12365-005, 12365-007 and 12365-009
- Titanium is 2.8 pounds lighter than stainless steel



Manufactured by F Atlee Dodge

Upper and Lower Cowl Channel for PA-18

No More Rust or Vibration
Upper P/N 3276
Lower P/N 3277

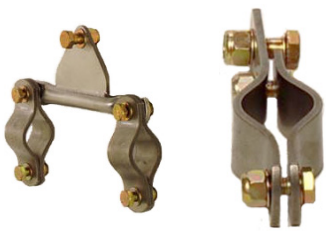


- Stainless steel - Eliminates rust and vibration failure
- No pre-drilled holes, allowing for a precise fit
- Sold individually: (2) upper and (2) lower required per aircraft
- FAA-PMA

Manufactured by F Atlee Dodge

Front and Rear Shoulder Harness Attach Bracket

Make your Cub safer!
Front Bracket P/N 3232-1
Rear Bracket P/N 3232-2
FAA-PMA for J-3C, 3F, 3L, J-5A,5B, 5C, PA-11, PA-11S, PA-12, PA-12S, PA-18

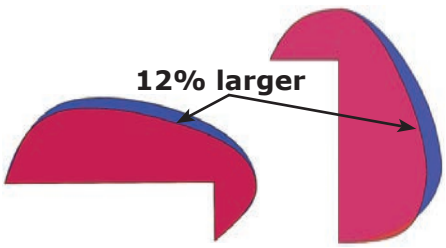


Manufactured by F Atlee Dodge

Oversize Rudders and Elevators

Increased control authority!
P/N AD15726OS (rudder)
P/N AD12770OS (elevator)
PA-12, PA-12S, PA-14, PA-18 Series, PA-19S

- Approximately 12% larger
- Powder coated grey with bushings installed
- FAA-PMA/STC approved



P/N AD12770OS *P/N AD15726OS*

Manufactured by F Atlee Dodge

Silver Aircraft Ski Spring

Consistent tension regardless of temperature
P/N 2097
J3, PA-11, PA-12, PA-14, PA-18, PA-19, PA-20, PA-22

- Replaces ski bungee
- FAA-PMA/STC approved



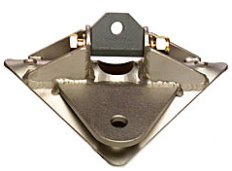
Manufactured by F Atlee Dodge

Weld on Float Fittings

Better than cheap copies
P/N 3143-12
PA-12, 12S, PA-14

P/N 3143-18
PA-18S-125, PA-18AS-125, PA-18S-135, PA-18AS-135, PA-18S-150, PA-18AS-150





Copied but never duplicated!

Beefy, heavy construction, made from 4130 alloy steel

- Used with Aerocet, Bauman, and EDO floats
- Sold in pairs - FAA-PMA/STC

Manufactured by F Atlee Dodge

Husky Main Landing Gear

Heavy Duty!
P/N AD45017-501HD
P/N AD45017-502HD
A-1, A1A and A1B series Aviat Husky aircraft

- 1.3 lbs. heavier per side
- Used primarily on aircraft equipped with skis
- Replaces P/Ns 45017-501 and 45017-502

Manufactured by F Atlee Dodge



Flight Control Cables and Chains

McFarlane stocks complete kits and sub-system kits (aileron, elevator, flap, rudder, etc.) containing all cables and chains for your aircraft. See Flight Control System section of our catalog for details!

- Improved terminal to increase strength
- Offset chain link eliminates binding
- Longer service life
- FAA-PMA approved

Save thousands $$$ when purchasing a complete cable and chain kit!

Complete Aircraft Kits		
Serial Number	**P/N with autopilot**	**P/N without autopilot**
20800001 thru 20800081	CCKT208-03	CCKT208-01
20800082 thru 20800499	CCKT208-04	CCKT208-02
20800500 thru 20899999	CCKT208-05	CCKT208-02
208B0001 thru 208B1999	CCKT208B-02	CCKT208B-01
208B2000 thru 208B9999	CCKT208B-03	CCKT208B-01



208B S/N 208B0001 thru 208B9999		
Qty	**P/N**	**Location**
1	MC2660001-100	Elevator
1	MC2660001-102	Elevator
1	MC2660001-104 [1]	Rudder
2	MC2660001-105	Flaps
1	MC2660001-107	Rudder
1	MC2660001-109	Elevator Trim
1	MC2660001-110	Elevator Trim
1	MC2660001-112	Elevator Trim
2	MC2660001-114	Aileron
4	MC2660001-122	Aileron
1	MC2660001-123	Control Column Interconnect
1	MC2660001-124	Control Column Interconnect
1	MC2660001-125	Control Column Interconnect
1	MC2660001-126	Control Column Interconnect
1	MC2660001-147	Elevator
1	MC2660001-148	Rudder
1	MC2660001-149	Elevator Trim
1	MC2660001-150	Elevator Trim
1	MC2660001-151	Aileron
1	MC2660001-152	Aileron
1	MC2660001-153	Elevator
1	MC2660001-154	Rudder
2	MC2660001-157	Aileron
2	MC2660029-11	Aileron Trim
1	MC2660029-13	Aileron Trim
1	MC2660029-15	Aileron Trim
1	MC9864054-7	Flap Indicator
1	MCS2295-25-101	Chain Elevator Trim [2]
1	MCS2295-25-107 [3]	Chain Pitch Trim Servo [4]
1	MCS2295-25-247	Chain Elevator Trim
1	MCS2295-25-35	Chain Aileron Trim
1	MCS2295-25-43	Chain Aileron Trim
2	MCS2295-25-87	Chain Elevator Trim
24	MCS2294-25	Chain Connecting Link

[1] S/N 208B0001 thru 208B2012, 208B2036, 208B2048 thru 208B9999
[2] When equipped with electric trim
[3] S/N 208B2000 thru 208B9999
[4] When equipped with pitch trim servo

208 S/N 20800001 thru 20899999		
Qty	**P/N**	**Location**
1	MC2660001-100	Elevator
1	MC2660001-101	Elevator
1	MC2660001-102	Elevator
1	MC2660001-103	Elevator
1	MC2660001-104	Rudder
1	MC2660001-106	Rudder
1	MC2660001-107	Rudder
1	MC2660001-108	Rudder
1	MC2660001-109	Elevator Trim
1	MC2660001-110	Elevator Trim
1	MC2660001-112	Elevator Trim
2	MC2660001-114	Aileron
1	MC2660001-118	Aileron LH
1	MC2660001-119	Aileron RH
4	MC2660001-122	Aileron
1	MC2660001-123	Control Column Interconnect
1	MC2660001-124	Control Column Interconnect
1	MC2660001-125	Control Column Interconnect
1	MC2660001-126	Control Column Interconnect
1	MC2660001-155	Elevator Trim
1	MC2660001-156	Elevator Trim
2	MC2660001-157	Aileron
1	MC2660029-13 [1]	Aileron Trim
1	MC2660029-15 [1]	Aileron Trim
2	MC2660029-4	Aileron Trim
1	MC9864054-9	Flap Indicator
1	MCS2295-25-101	Chain Elevator Trim [2]
1	MCS2295-25-107 [3]	Chain Pitch Trim Servo [4]
1	MCS2295-25-247	Chain Elevator Trim
1	MCS2295-25-35	Chain Aileron Trim
1	MCS2295-25-43 [1]	Chain Aileron Trim
2	MCS2295-25-87	Chain Elevator Trim
24	MCS2294-25	Chain Connecting Link

[1] S/N 20800082 thru 20899999
[2] When equipped with electric trim
[3] S/N 20800500 thru 20899999
[4] When equipped with pitch trim servo

Pulleys and Pulley Kits

We stock all pulleys required for your aircraft

Pulley kits contain all of the pulleys and cotter pins required for one aircraft

Save $$$



Model	Serial Number	Kit P/N
208	20800001 thru 20800145	PULL-KT-87
	20800146 thru 20899999	PULL-KT-88
208B	All	PULL-KT-89

D A M™ Aircraft Pulley Oil

20" Extension P/N 7249 now sold separately!

Featuring a re-designed needle oiler

Great for unreachable areas with traditional applicators

- Does not dry out and get sticky
- Loosens old stiff pulley grease
- Save the labor of re-oiling the control system every year!

Qty	Description
P/N PULLEY OIL KT	
1	Pint, Pulley Oil
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OILER KT	
1	Needle Oiler with Extension, .34 fl oz (10mL)
P/N PULLEY OIL	
1	Pint, Pulley Oil



Aileron Trim and Flap Indicator Cables for Cessna Caravan

Better than the original for less!

- 60% more adjustability for longer service life
- Save $$$
- Metal fittings instead of weak plastic

McFarlane Brass Fitting

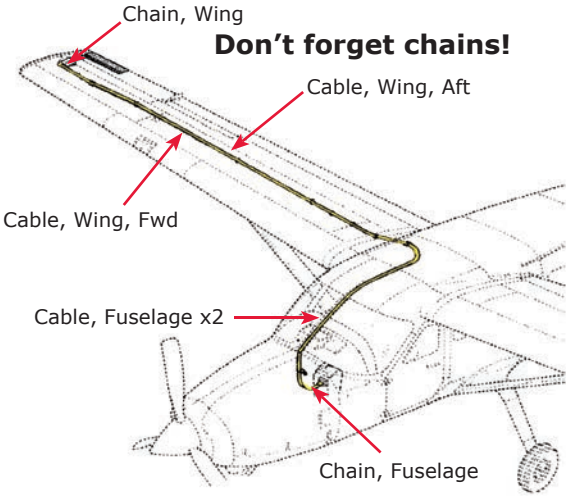


Cessna Plastic Fitting



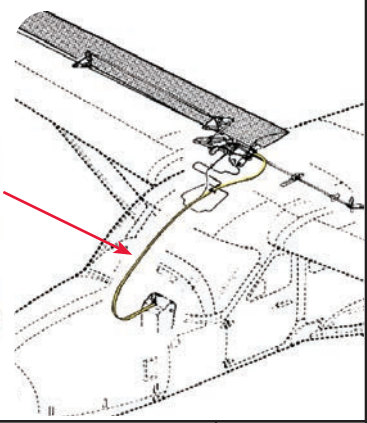
Our brass terminals have a superior swage compared to the original plastic terminal











Model	Serial Number	Aileron Trim					Cable, Flap Indicator
		Cable, Wing, Fwd	Cable, Wing, Aft	Cable, Fuselage (2 per aircraft)	Chain, Wing	Chain, Fuselage	
208	20800001 thru 20800081	MC2660029-15	MC2660029-13	MC2660029-4	MCS2295-25-35	MCS2295-25-35	MC9864054-9
208	20800082 thru 20800499	MC2660029-15	MC2660029-13	MC2660029-4	MCS2295-25-43	MCS2295-25-35	MC9864054-9
208	20800500 thru 20899999	MC2660029-15	MC2660029-13	MC2660029-4	MCS2295-25-43	MCS2295-25-35	MC9864054-9
208B	208B0001 thru 208B1999	MC2660029-15	MC2660029-13	MC2660029-11	MCS2295-25-43	MCS2295-25-35	MC9864054-7
208B	208B2000 thru 208B2012	MC2660029-15	MC2660029-13	MC2660029-11	MCS2295-25-43	MCS2295-25-35	MC9864054-7
208B	208B2036 only	MC2660029-15	MC2660029-13	MC2660029-11	MCS2295-25-43	MCS2295-25-35	MC9864054-7
208B	208B2048 thru 208B9999	MC2660029-15	MC2660029-13	MC2660029-11	MCS2295-25-43	MCS2295-25-35	MC9864054-7

Caravan Spoiler Hinges

Improved McFarlane hinges feature selective fit components for a longer service life

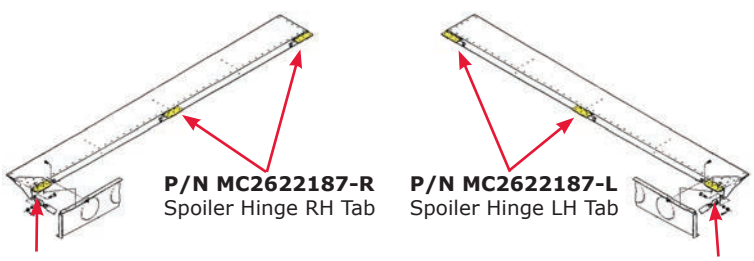
P/N MC2622187-L replaces (2) each 2622187-7, and (1) each 2622226-1

P/N MC2622187-R replaces (2) each 2622187-7, and (1) each 2622226-2

FAA-PMA direct replacement for all Cessna Caravan 208, 208B

- Selective fit components
- Cadium plated stainless pins and alodined aluminum hinges for better corrosion resistance.
- No looseness in the hinge to start vibration wear.





P/N MC2622187-R
Spoiler Hinge RH Tab

P/N MC2622187-L
Spoiler Hinge LH Tab

P/N MC2622187-L
Spoiler Hinge LH Tab

P/N MC2622187-R
Spoiler Hinge RH Tab

Aileron Trim Sprocket

P/N MC0761210-1

FAA-PMA approved

- Resists roll pin hole wear
- Stainless steel
- Roll pins in stock

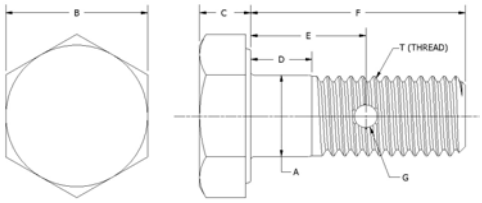


Save $$$

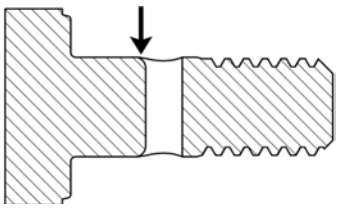
Bolt Style Wire Clamps

- Unique design to reduce wire stress
- Heat treated stainless steel for wear and corrosion resistance
- The best for less!
- FAA-PMA approved





Improved design!
Radius reduces stress on wire



Part Number	A Bolt Dia. (in)	B Wrench Size (in)	C Thick (in)	D Grip Length (in)	E Hole Position (in)	F Shank Length (in)	G Hole Dia. (in)	T Thread (~)	Application
MCS2323-3	0.250	7/16	0.156	0.188	0.199	0.539	0.073	1/4 - 28	flap indicator
MCS2323-5	0.188	3/8	0.125	0.125	0.188	0.531	0.073	10-32	cabin air, cabin heat, defrost, fuel shutoff, overhead air, oxygen, parking brake
MCS2323-8	0.188	3/8	0.125	0.250	0.202	0.656	0.096	10-32	oxygen control
MCS2323-11	0.188	3/8	0.125	0.250	0.266	0.656	0.076	10-32	bleed air control
MCS2323-13	0.250	7/16	0.156	0.313	0.271	0.781	0.073	1/4 - 28	bleed air diverter
MCS2323-19	0.188	3/8	0.125	0.125	0.200	0.531	0.094	10-32	defroster valve

Rod Ends for Cessna Caravan Aircraft

- FAA-PMA approved
- Newly expanded eligibility now covers more application locations!
- Save $$$
- Corrosion protection
- Vast applications



MCS1104-3 *MCS1105-3* *MCS1106-3* *MCS1106-4* *MCS1819-4* *S1107-3* *S2022-3L* *S2022-3*

P/N	Application Location	Eligibility
MCS1106-3	Flap Actuator Push Rod	208, 208B
MCS1106-3	Inertial Seperator Actuator Push Rod	208, 208B
MCS1106-4	Inertial Seperator Control	208, 208B
MCS1104-3	Engine Controls	208, 208B
MCS1104-3	Engine Exhaust Duct	208, 208B
MCS1105-3	Cockpit	208, 208B
MCS1105-3	Engine Exhaust Duct	208, 208B
MCS1105-3	Flap Indicator	208, 208B
MCS1105-3	Rudder Gust Lock	208, 208B
MCS1819-4	Flap Control	208* S/N 0374 thru 20899999
MCS1819-4	Flap Control	208B* S/N B1048 thru 208B99999
S2022-3	Aileron/Spoiler Control (Nut P/N NAS1423-6)	208, 208B
S1107-3	Nose Gear Steering Rod	208, 208B
S2022-3L	Aileron/Spoiler Control (LH threads) (Nut P/N NAS1423-6L)	208, 208B

Note: Any P/N with the prefix "MCS" is a McFarlane product, "S" prefix are manufactured by Cessna Aircraft Company.

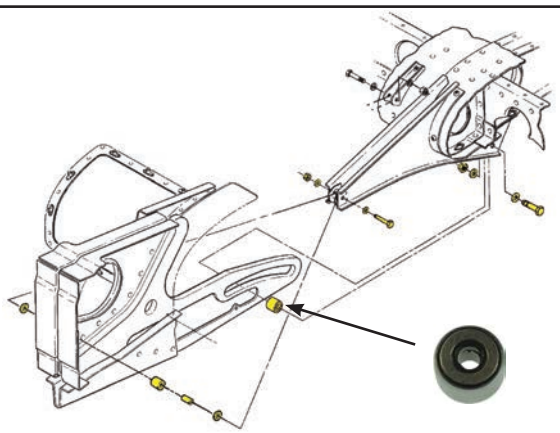
Rod End Dimensions		
Part Number	Bore/Eye	Thread
MCS1104-3	0.19	10-32 Internal
MCS1105-3	0.19	10-32 External
MCS1106-3	0.19	1/4-28 Internal
MCS1106-4	0.25	1/4-28 Internal
S1107-3	0.19	3/8-24 External
S2022-3	0.25	3/8-24 LH
S2022-3L	0.25	3/8-24 RH
MCS1819-4	0.25	1/4-28 Internal

Flap Roller Kits

Save time! P/N FLP-KT-12
Contains rollers, bushings, wear washers and hardware for one aircraft



Save $$$
MS21442-121
Bearings!



Flap Indicator for Cessna Caravan

Reinforced wire hole with steel bushing!
P/N MC2662015-3
Fits all 208 and 208B aircraft

- More resilient to vibrations
- Bushing is cadmium plated for corrosion protection
- Flap is alodined and primed for longevity of the product

Flap indicator cables MC9864054-7 and -9 along with wire clamp P/N MCS2323-3 are also available.



Flap Tracks

Replace worn-out tracks to prevent dangerous and expensive binding problems!
FAA-PMA approved for various Cessna models

- NDI inspected throughout manufacturing
- Save hundreds $$$



Model	Serial Number	P/N MC2622075-4	P/N MC2622075-5	P/N MC2622075-6
208	20800001 thru 20800164 [3]	4		2
208	20800001 thru 20800164 [4]	2	2	2
208	20800165 thru 20899999	4		2
208B	208B0001 thru 208B0194 [3]	4		2
208B	208B0001 thru 208B0194 [4]	2	2	2
208B	208B0195 thru 208B9999	4		2

Rudder and Elevator Hinge Bearing Kits

In stock for immediate shipment! Buy with confidence

- Convenient kits include bearings and all attaching hardware
- Kits for aircraft equipped with/without hinge modification service kits
- One elevator kit and one rudder kit required per aircraft
- Industry standard hardware

Model	Serial Number	Part Number: Elevator Kit	Part Number: Rudder Kit
208	20800001 thru 20800221	EBC-KT-7 [1]	RBC-KT-9 [3]
		EBC-KT-8 [2]	RBC-KT-10 [4]
208	20800222 thru 20899999	EBC-KT-7	RBC-KT-9
208A	20800007 thru 20800102	EBC-KT-7 [1]	RBC-KT-9 [3]
		EBC-KT-8 [2]	RBC-KT-10 [4]
208B	208B0001 thru 208B0318	EBC-KT-7 [1]	RBC-KT-9 [3]
		EBC-KT-8 [2]	RBC-KT-10 [4]
208B	208B0319 thru 208B9999	EBC-KT-7	RBC-KT-9

[1] With SK208-102, SK208-106, & SK208-107 installed
[2] Without SK208-102, SK208-106, & SK208-107 installed
[3] With SK208-99, SK208-104 and SK208-105 installed
[4] Without SK208-99, SK208-104 and SK208-105 installed

P/N EBC-KT-7



P/N RBC-KT-9



P/N EBC-KT-8



P/N RBC-KT-10



Adjustable Elevator Neutral Rigging Tool

Save time, you'll always have the correct tool!
P/N TOOL126
Proper elevator rigging is necessary for full range of motion and maneuverability of the airplane. Many Cessna maintenance manuals require the fabrication of a tool to hold the yoke in the neutral position while the mechanic rigs the elevator control system. These tools utilize the holes for the control gust lock. At least 17 different sizes of rigging tools are required to cover the various Cessna aircraft. Now there is one tool to replace them all!

The McFarlane Elevator Neutral Rigging Tool is adjustable from 0.4" to 2.5" and universal in design, consisting of six different pin sizes to fit your application. This tool may also be used to properly rig other makes of aircraft with similar elevator neutral rigging requirements.

Replaces Cessna Elevator Rigging Tool P/N SE1511

- Replaces 17 costly tools
- Quick setup and adjustment
- Stainless steel components
- Simple to use instructions
- Includes compact storage box
- Replacement parts available separately

Replacement Parts	
P/N	Description
6409	0.050"/1.3mm Hex Wrench
6870	Square Nut
6868-4	Pin, 0.188, Short
6868-3	Pin, 0.188, Long
6868-1	Pin, 0.209, Short
6868-2	Pin, 0.209, Long
6869-1	Pin, 0.250, Short
6869-2	Pin, 0.250, Long



Control Lock

P/N 2660055-1RA

- Direct replacement
- Significantly lower cost $$$



Manufactured by AeroTwin

Replacement Rudder Lock Mechanism

P/N ATI-4111-1

- Save $$$
- Improved design and materials
- More durable than the originals



Manufactured by AeroTwin

Rudder Lock Assembly Kit

Avoid wind damage to your rudder hinges while parked
P/N AT-RL-1001

- Holds the rudder securely centered without loading the cables or hinges.
- Mounts neatly inside the tail stinger
- Fail safe attachment to the elevator ensures disengagement prior to take off.

Manufactured by AeroTwin

Fuel and Oil Drain Valves & Adapters

Large selection - Low price - Many new P/Ns!

- Fits many certified and experimental aircraft
- Simple operation — spring load close
- Manufactured by SAF-AIR and Curtis Superior Valves
- FAA-PMA or FAA-TSO-C76



Fuel Sampler

Easily check your Caravan fuel sump!
P/N SUMP

- Long-sized tube avoids the need for a ladder
- Clear PVC allows visibility on what is coming out of your fuel sump
- Enough volume to check all aircraft sumps before dumping



Manufactured by AeroTwin

Pitot Covers

Install without a ladder!
P/N PITOT

Protect the pitot tube from being contaminated by dirt, debris, and insects with a pitot tube cover.



Manufactured by AeroTwin

Tail Stand

Prevent your plane from falling on its tail while loading and unloading!
P/N ATI-STAND

- Adjustable height
- Powder coated finish
- Safe loading/unloading



Manufactured by AeroTwin

Cargo Tie Downs

Secure your cargo
P/N TDC-208

Clamps to seat rails to provide tie down points to secure cargo

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC approved



Manufactured by F Atlee Dodge

Ancra Interior Cargo Fittings

Great prices and quantity discounts!

Visit our website for full listing of all fittings available





Tie-Down Trim Plate

Aluminum instead of plastic for longer life
P/N AF2615118-1

- Approved for all Caravan passenger aircraft only
- Precision fit - drop in direct replacement
- Won't shatter when impacted at low temperatures
- Durable powder coating improves interior fit, finish, and longevity



Tail Tie Down Handle

Primed and ready to install
P/N AF2612035-1

FAA-PMA approved for 208 and 208B

- Precision fit — direct replacement
- Tail stand interface unchanged, works with existing tail stand



Cargo Pod Door Locks

Protect your valuable equipment and supplies!
P/N PL8-100
(4 locks)

Manufactured by AeroTwin



Extended Baggage Kit

Increase your internal cargo volume!
P/N EB8-200

- Engineered for utility and durability
- More cargo space allows for increased cargo revenue!
- Adds 22 cubic feet and certified to carry 100 lbs
- Does not affect the maximum gross takeoff weight or allowable center of gravity range

Manufactured by AeroTwin

Cargo Door Escutcheon

Prevent unwanted cargo door latching failures!
P/N AT2617036-1

- Made of durable 4130 steel, rather than aluminum
- Avoids unwanted downtime caused by latch failures
- Save time and $$$

Manufactured by AeroTwin

Cowl Plugs and Prop Restraint

Protect your engine!
Cowl Plugs P/N ATI-COWL
Prop Restraint P/N PROP RESTRAINT

- Cowl plugs prevent dirt and other FOD from entering the cowl
- Restrain propeller to prevent windmilling on the ground
- Durable materials for use in harsh environments

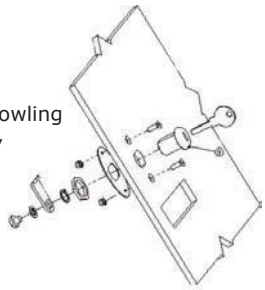
Manufactured by AeroTwin



Cowling Locks

Prevent theft!
P/N CL8-100

- Added security with high quality keyed-lock on each side of the cowling
- Prevent unauthorized starting by disconnecting the battery and locking your cowling



Manufactured by AeroTwin

Floatplane Steps and Handles

Safely climb onto your aircraft with P/N FP8-100
Provides access to the top of the wing for fueling without a ladder

- Easily and safely fuel your aircraft
- Designed for floatplanes, but can be used on land-based 208 aircraft
- Only applicable for 208 model
- Acceptable Alternate Method of Compliance (AMOC) to AD 2006-01-11 for 208's not approved for flight into known icing

Manufactured by AeroTwin

Cargo Door Trim Kit

Avoid cargo door aft frame damage when loading and unloading through the cargo door
P/N DS8-100

- Made with stainless steel
- Avoid expensive repairs $$$



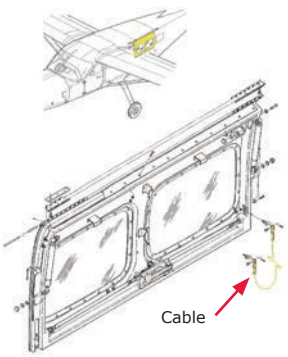
Manufactured by AeroTwin

Door Cables

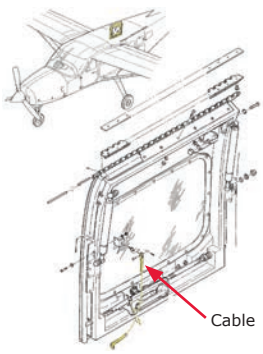
FAA-PMA approved for Cessna, Beechcraft, Piper, and more

- Sealed with soft silicon rubber that is easy to clean
- Will not crack due to wear or climate temperature changes
- Does not separate from the cable and remains pliable for easy opening and closing of aircraft doors
- Unique pre-formed stainless steel aircraft cable
- Hand-crafted with the highest quality standards

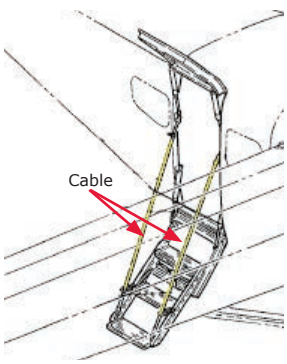


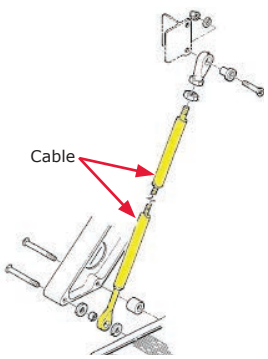


S2814-1EH Installation



S2814-2EH Installation





S2837-1EH or S2837-2EH Installation

Model	S/N	P/N	Location
208, 208B	All	S2837-1EH	Passenger Door Step, Lower
		S2837-2EH	Passenger Door Step, Lower, (Float Plane)
		S2814-1EH	Cargo Door Pull, Upper
		S2814-2EH	Passenger Door Pull, Upper

See Door and Step Parts section for color options and more details!

Door Hinges for Cessna Caravan

Door hinges have bushings for longer wear!
As the original equipment hinge halves wear and the aircraft door starts to sag, Cessna Service Bulletin CAB96-2 allows a one time repair through the use of an oversize door hinge pin. When the hinge again becomes worn and the door sags, the hinge halves must be replaced and an original size hinge pin re-installed.

- FAA-PMA direct replacements
- Fits all Cessna 208/208B aircraft
- Anodized for corrosion resistance
- Precision fit
- Available with or without bushing
- Replaceable bushings allow extended service life!



P/N AF2617015-21B



P/N AF2617015-21



Hinge bushing, short
P/N AF2617015-025



Hinge bushing, long
P/N AF2617015-049

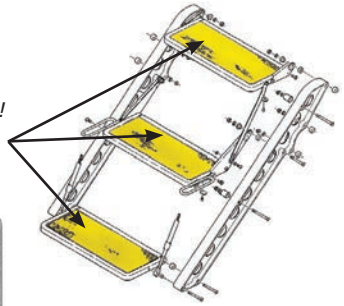
Bushed Hinge P/N	Standard Hinge P/N	Cargo Door	Crew Door	OEM P/N
AF2617015-17-B	AF2617015-17		RH Lower Fwd	2617015-1 or 17
AF2617015-18-B	AF2617015-18	Lower Fwd	LH Lower Fwd	2617015-2 or 18
AF2617015-19-B	AF2617015-19		RH Upper Fwd	2617015-11 or 19
AF2617015-20-B	AF2617015-20	Upper Fwd		2617015-4 or 20
AF2617015-21-B	AF2617015-21	Lower, Lower Aft	LH Lower Aft	2617015-13 or 21
AF2617015-22-B	AF2617015-22		LH Upper Fwd	2617015-12 or 22
AF2617015-23-B	AF2617015-23	Upper, Upper Aft	LH Upper Aft	2617015-15 or 23
AF2617015-24-B	AF2617015-24		RH Lower Aft	2617015-14 or 24
AF2617015-26-B	AF2617015-26		RH Upper Aft	2617015-16 or 26
Bushing P/N				
AF2617015-025 (short) AF2617015-049 (long)				

Passenger Door Step for Cessna Caravan

Durable Aluminum Step with STC!
Individual Step P/N AF2617076-1
Complete kit containing all three steps P/N KIT-AF2617076-1
Engineered for increased longevity and is constructed solely from aluminum to eliminate the incidence of delaminating. Direct replacement for Cessna P/Ns 2617076-1 (lower), 2617076-10 (upper) and 2617076-11 (middle).

- FAA-PMA STC Approved (STC comes with the part)
- Fits all Cessna 208/208B Aircraft
- Slip resistant tread surface
- Withstands significantly more weight than OEM part
- Powder coated to resist corrosion
- Longer service life
- More resistant to weather and the damaging effects of moisture

Save $$$
Replace all three steps!
P/N KIT-AF2617076-1



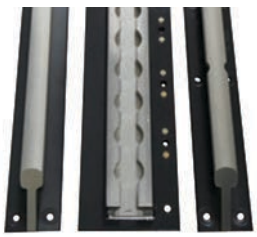


Slip resistant tread surface

Crew Rails and Cargo Tracks for Cessna Caravan

The manufacturing leader of seat rails now has FAA-PMA approval on rails and tracks for 208 series aircraft!
FAA-PMA direct replacements for all Cessna 208/208B aircraft

- Improved thickness and stability
- Anodized for superior wear and corrosion resistance
- Precision fit



The primary source of failure for these tracks is corrosion. Moisture and de-icing compounds are commonly exposed to the aluminum surface, causing corrosion over time. McFarlane has improved the surface protection on our tracks and rails by anodizing per MIL-A-8625, Type II, providing a far superior wear and corrosion resistant surface. McFarlane rails and tracks are also primed per MIL PRF-23377 on the underside and top of the flanges of the extrusions. McFarlane will also top coat paint the primed area with a top coat polyurethane paint per MIL-PRF-85285 as recommended for corrosion protection in the Cessna 208 maintenance manual. The upper section of the extrusions are not painted or primed to prevent any interference issues with the seat clamps/lugs and cargo attachments interface with these edges.

With two versions available, drilled or undrilled, McFarlane seat rails will meet your needs.
McFarlane offers the Seat Rails with the rivet holes drilled in the bottom flange, and in an "S" suffix part number which has the rivet holes in the flange omitted. This undrilled version allows for easier installation in a replacement part situation as it allows the installer to match drill the original holes from the frame/aircraft to the seat rail.
To order drilled rails use the part numbers below. To order undrilled rails add an "S" suffix to the part number below.
Example P/N MC2601088-1 (drilled) and P/N MC2601088-1S (undrilled).

Crew Rails		
Serial Number	**Type**	**Pilot & Copilot P/N**
Cessna Caravan 208		
20800001 thru 20800219	W/ cargo barrier	MC2601088-1 In. LH MC2601088-3 Out. LH & RH MC2601088-2 In. RH
	No cargo barrier	MC2613039-1 [2]
20800220 thru 20800293	W/ or w/o cargo barrier	MC2613039-4 [2]
20800294 thru 20899999	W/ cargo barrier	MC2613039-4 [2]
20800294 thru 20899999	No cargo barrier	MC2613039-1 [2]
Cessna Caravan 208B		
208B0001 thru 208B0312	Cargo version	MC2601088-1 In. LH MC2601088-3 Out. LH & RH MC2601088-2 In. RH
208B0214 thru 208B0312	Passenger version	
208B0313 thru 208B0715	Cargo and passenger	MC2613039-4 [2]
208B0716 thru 208B9999	Cargo and passenger w/ cargo barrier	MC2613039-4 [2]
	Cargo and passenger no cargo barrier	MC2613039-1 [2]

Passenger/Cargo Rails	
Location	**Part Number**
Cessna Caravan 208	
Outboard LH	MC2611060-3
Inboard LH	MC2611060-12
Inboard RH	MC2611060-10
Outboard RH	MC2611060-8
Center	MC2611060-14 [1]
Cessna Caravan 208B	
Outboard LH	MC2611040-5
Inboard LH	MC2611040-23
Inboard RH	MC2611040-24
Outboard RH	MC2611040-12
Center	MC2611040-27 [1]

Notes:
To order undrilled seat rails add and "S" suffix to the part number
[1] Quantity of two per part number required
[2] Quantity of four per part number required

Seat Rail Extrusion

Blank extrusions sold separately by the inch, we can also custom machine to your specifications!



Visit our website for details!

Seat Removal Tool

Makes seat removal easy!
P/N AT-SRT-01
Usable on most aircraft seats utilizing Brownline-style track fittings.



Manufactured by AeroTwin

Brownline Style Seat/Cargo Tracks

Precision machined and anodized for corrosion protection

- Slotted extrusion with 0.785" diameter openings every one inch
- Dimension meet MS33601 except thinner for reduced weight
- Compatible with common MS33601 cargo tie down and seat stud fittings



Standard Lengths:
P/N 6656-L (L = minimum length in inches)
Available in 6, 12, 18, 24, 36, 48, 72, 96, 120, 144, 160, 179 inch lenghts

Crew Door Panels

Includes retaining straps, fire extinguisher recess, large storage pocket, weight placard and certificate pouch

P/N AF2615180-1 LH
P/N AF2615180-2 RH

FAA-PMA approved for all 208 aircraft

- Color matched to original part
- Modern look and increased utility to your older Caravan
- Precision fit
- Direct replacements for P/N 2615180-1 and -2 and the early model P/N 2615054 series door panels



Airforms Crew Ladder Assembly

Direct replacement P/N AF2606033-41-1 for the pilot and co-pilot crew ladders

- FAA-PMA approved components for most 208/208B/EX models
- Direct OEM replacements
- Superior corrosion resistance
- Improved bushings for longer life

Replacement Components	
P/N	**Description**
AF2606033-41-1	Complete Assembly
AF2615055-1	Armrest
AF133-4P32	Arm Spacers
AF2606033-2	Arm Assy, Lower LH
AF2606033-43	Arm Assy, Upper LH
AF2606033-4	Arm Assy, Lower RH
AF2606033-44	Arm Assy, Upper RH
AF133-4P28	Bracket Spacers
AF2606033-36	Bracket Assembly, LH
AF2606033-37	Bracket Assembly, RH
AF2606033-10	Step Assy, Lower
AF2606033-12	Step Assy, Upper
AF2606033-14	Tread, Lower Step
AF2606033-15	Tread, Upper Step



APS Blacksteel Brakes

Improve braking performance!

- One piece forged disc eliminates weld failure
- Heat treated to reduce corrosion and rust
- FAA-PMA Approved

APS Extended Life Brake Lining

Reduce cost per landing

- Lining is .035" thicker
- 35% longer life!
- FAA-PMA Approved



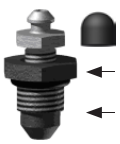


Brake Bleeder Valves for Cleveland and McCauley Wheels

Improved - No more rust, no more rounded wrench flats

- Made with stainless steel for durability and corrosion resistance
- Heat treated bleeder screw prevents rounded wrench flats
- Cad plated bleeder seat to prevent galvanic corrosion with the magnesium housing
- Rubber cap has improved material to prevent cracking
- FAA-PMA Approved

MCBB-KT-3		
Qty	**Part Number**	**Description**
1	MC081-00500	Bleeder Seat
1	MC079-00300	Bleeder Screw
1	MC183-00100	Needle Cap
1	MS28775-011	O-ring

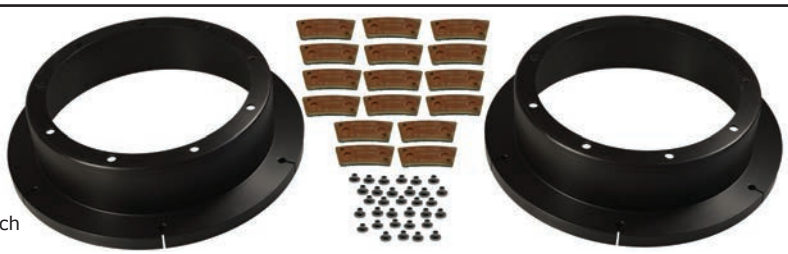


Complete Brake Kit

Caravan Brake Kit Components

P/N 208-BRK-KT-1		
Qty	**Part Number**	**Description**
2	APS164-22201	Brake Disc
32	APS177-00300	Pin
20	APS66-15300	Brake Lining
2	MC081-00500	Bleeder Seat
2	MC079-00300	Bleeder Screw
2	MC183-00100	Needle Cap
2	MS28775-011	O-ring





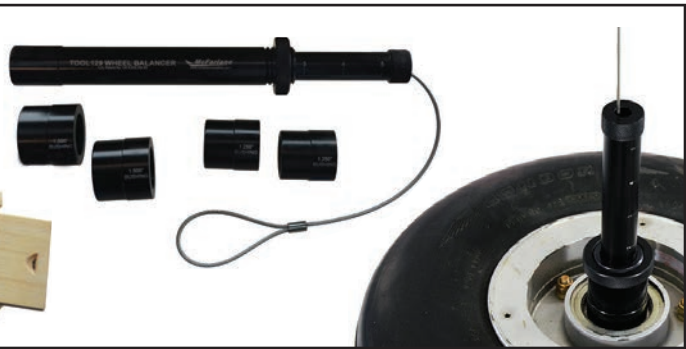
Improved Aircraft Tire Balancers

P/N TOOL129

Now fits more standard and taper axle sizes

- Multiple models and add-on bushing kits for ¾", 1", 1¼", 1⅛", 1⅝" and 2" axles (see Brake and Wheel section of catalog for details)
- No removal of bearings or seals





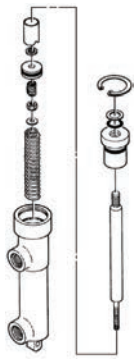
Fast, accurate, and affordable!

Brake and Master Cylinder Seal Kits

Save time and $$$, just the parts you need
P/N CBS-KT-3 Master Cylinder Seal Kit
P/N CBS-KT-5 Brake Assembly Seal Kit

- 1 kit per brake or master cylinder
- All parts contained in kit are approved







Complete Wheel Seals

P/N WH-KT-42

- Molded Seals and Snap Rings
- Complete kit or individual components
- FAA-PMA Approved

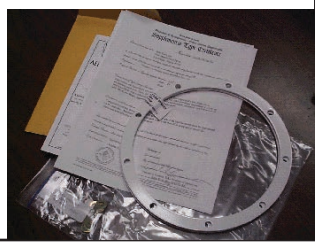


Brake Disk Spacer

For increased tire-to-brake caliper clearance
P/N BS8-100

- Allows the brake disk to be spaced away from the tire to provide positive clearance
- Only applicable to aircraft equipped with Cleveland 10” wheel and brake assemblies on the main gear

Manufactured by AeroTwin



Cessna Caravan Main Wheel Bolts STC

For Caravan operators who demand the most from their equipment

The high-strength wheel bolts have been proven in the field to reduce fretting between wheel halves and provide an additional margin of safety for the wheel assembly. High strength MS21250 bolts replace the standard AN5 hardware that fasten the wheel halves and brake disc together. High-strength nuts and countersunk washers are included with each kit.

Replacement bolts come in two lengths to accommodate aircraft with and without brake disc spacers, and are eligible for aircraft equipped with certain gross weight increase STCs. The high-strength wheel bolts are approved to use with any Cessna 208/208B tire installations.

Replacement hardware is eligible only on the 10-inch diameter Cleveland wheel and brake assembly P/N 20-244, aircraft equipped with any of the Aeroacoustics Aircraft Systems, Inc. Caravan STCs or on aircraft with or without Aero Twin, Inc. brake disc spacer STC SA02126AK-D.

Purchase Options and Part Numbers

P/N AFC-208BOLTKIT-STC-Only
Contains a copy of the STC, installation instructions, and permission letter from the manufacturer. Hardware is not included.

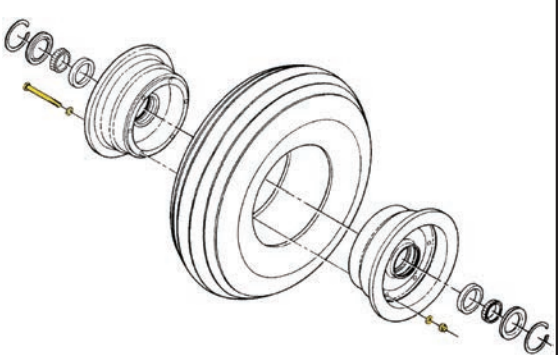
P/N AFC-208BOLTKIT-STC+058
Contains the 058 hardware kit *for aircraft without disc spacers*, a copy of the STC, installation instructions, permission letter from the manufacturer and complete hardware kit for one aircraft including bolts, nuts, and countersunk washers. The kit includes enough hardware for two wheels (one aircraft).

P/N AFC-208BOLTKIT-STC-058
Hardware kit only *for aircraft without disc spacers*. Customer must already have purchased the STC. Includes complete hardware kit for one aircraft with bolts, nuts, and countersunk washers. The kit includes enough hardware for two wheels (one aircraft).

P/N AFC-208BOLTKIT-STC+060
Contains the 060 hardware kit *for aircraft with disc spacers*, a copy of the STC, installation instructions, permission letter from the manufacturer and complete hardware kit for one aircraft including bolts, nuts, and countersunk washers. The kit includes enough hardware for two wheels (one aircraft).

P/N AFC-208BOLTKIT-STC-060
Hardware kit only *for aircraft with disc spacers*. Customer must already have purchased the STC. Includes complete hardware kit for one aircraft with bolts, nuts, and countersunk washers. The kit includes enough hardware for two wheels (one aircraft).





- High strength hardware helps prevent fastener failure during operations
- Two configurations of bolt kits
- Multiple purchase options
- STC is FAA and EASA approved

Nose Gear Torque Link Assemblies

Improved to reduce wear and prevent cracks
Upper P/N AF2643084-1, Lower P/N AF2643084-2

- Approved for all 208 and 208B aircraft
- Precision fit - drop in direct replacement
- Designed to prevent cracking in threaded grease fitting holes
- Ready for installation
- Durable powder coating finish



P/N AF2643084-1 (Upper)



P/N AF2643084-2 (Lower)

Cessna Caravan Torque Link Repair STC

Minimal downtime repair to keep 208/208B nose gears shimmy-free.
This STC will dramatically reduce nose gear swaps!

- Save over $15k and be flying the same-day
- Reduce downtime by repairing in the field
- Convenient tool kit allows for on airplane repair
- Bolts and pins are cad plated for longer life
- EASA approved

See Dave McFarlane's article on how to stop nose gear shimmy in the Landing and Nose Gear section of our catalog!



P/N AF2643092-1010, BOLT



P/N AF2643091-1010, PIN



Tap handle

Maintenance Tip:
Always use cutting oil and only drill by hand. Tool kits contain both short and long piloted reamers.



Short piloted reamer

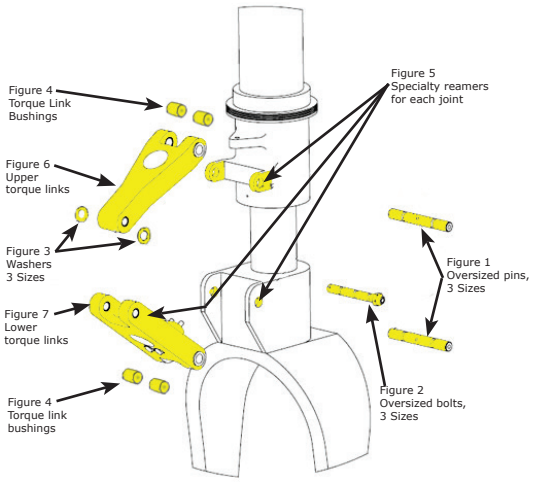


Long piloted reamer

McFarlane also offers direct replacement
center joint bushings!



NAS76A7-115 (Upper) *NAS76A7-022 (lower)*



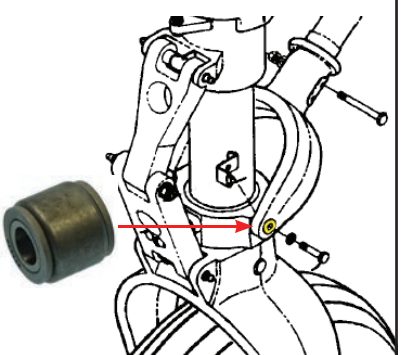
Eligible model series:
Fits all Cessna 208/208B with "double lug" torque links. Includes all S/N's after 2080133/208B0098 or earlier S/N's equipped with SK208-51.

Figure	Part Number	Description	Approval
5	REAMERKIT.010	REAMERS, Oversized .010 - short and long piloted reamers + tap handle	STC
5	REAMERKIT.020	REAMERS, Oversized .020 - short and long piloted reamers + tap handle	STC
5	REAMERKIT.030	REAMERS, Oversized .030 - short and long piloted reamers + tap handle	STC
5	REAMERKIT-MASTER	REAMERS, all three sizes	STC
6	AF2643084-1	Upper Torque Link	PMA
7	AF2643084-2	Lower Torque Link	PMA
1	AF2643091-1	PIN, Nominal	PMA
1	AF2643091-1010	PIN, Oversize .010	PMA
1	AF2643091-1020	PIN, Oversize .020	PMA
1	AF2643091-1030	PIN, Oversize .030	PMA
2	AF2643092-1	BOLT, Nominal	PMA
2	AF2643092-1010	BOLT, Oversize .010	PMA
2	AF2643092-1020	BOLT, Oversize .020	PMA
2	AF2643092-1030	BOLT, Oversize .030	PMA
3	32-604-37-22005	WASHER, .005 thickness	STC
3	32-604-37-22010	WASHER, .010 thickness	STC
3	32-604-37-22015	WASHER, .016 thickness	STC
4	AF2643085-200	BUSHING, Torque Link	PMA
	STC-TORQUE LINK	Torque Link STC	STC

Nose Gear Spring Fork Needle Bearing

P/N MS24462-5

- Fits all Cessna 208 models
- Save $$$



Nose Gear Shock Strut Cups and Cones

In Stock!

Bearing Cup
P/N L217813

Bearing Cone
P/N L217849



Main Gear Fairing Ribs

Tired of cracked main gear fairing baffles?
P/N GF8-101 (Upper)
P/N GF8-102 (Lower)

- Save $$$ by avoiding costly maintenance repairs
- Made with molded urethane rather than metal



Manufactured by AeroTwin

Nose Tire Scraper

Shield your propeller from gravel, sand, and water damage!
P/N ATI-208TS

- Easily installed in under 20 minutes
- Clamps on to the nose gear fork, above your tire
- Replacement rubber scrapers available



Manufactured by AeroTwin

Nose Gear Gravel Deflector

Protect your cargo pod and prevent costly cargo pod de-ice boot damage
P/N NGD8-100

- Deflect gravel and rocks from the cargo pod, belly, propeller, and the pod de-ice boot
- For maximum equipment protection, install the Main Gear Gravel Deflector and the Nose Tire Scraper
- Also great for operating from paved surfaces!



Manufactured by AeroTwin

Main Gear Gravel Deflector

Protect the tail and the bottom of the wings from damage
P/N GD8-100

- Deflect gravel and rocks from the horizontal stabilizer and fuselage
- Keep mud, snow, and rocks off of your wings
- Installation requires no additional holes in the structure



Manufactured by AeroTwin

Exhaust Deflector

P/N ED8-100
P/N ED8-100-3 (with Camera Ops)

Keeps exhaust from impinging on the cargo pod. For aircraft with infrared cameras installed, P/N ED8-100-3 extends the deflector to avoid the camera view.

- Greatly reduces temperatures on the forward pod
- Eliminates exhaust stains
- Save $$$ on repairing heat-induced pod delamination



P/N ED8-100-3



P/N ED8-100

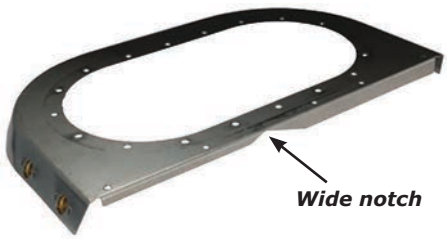


Manufactured by AeroTwin

Primary Exhaust Flange

Improved design
P/N AF2654006-10

- Direct replacement
- Precision fit with improved clearance
- Approved for all Caravan aircraft with 114 or 114A engine
- Features a wide notch and eliminates a fastener — reduces stress concentration and helps prevent cracking



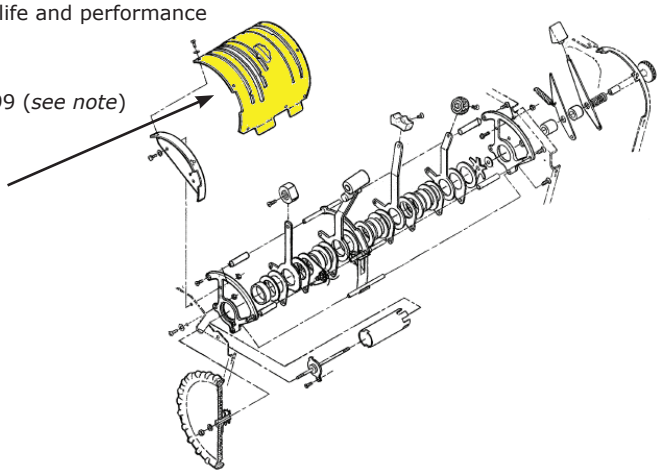
Quadrant Cover for Cessna Caravan

P/N MC2613048-22

Our new FAA-PMA approved quadrant cover is designed with reinforcement, specifically for increased durability and longer life.

- Steel doublers added to the flap notches to increase service life and performance
- Powder coated to provide long lasting protection
- Save thousands $$$
- Fits all Cessna 208/208B Caravan from 208B001 to 208B4999 (*see note*)





NOTE: All British Certified Cessna Caravan 208/208B aircraft are non-compatible with this cover.

Trim Tab Screw Assembly for Cessna Caravan

P/N MC2661215-8 Trim Tab Screw Assembly fits all 208 and 208B aircraft when equipped with 2661215-9, 2661615-10 or 2661615-13 Trim Tab Actuators.

P/N MCS3895-1 Needle roller bearing fits all 208 and 208B aircraft

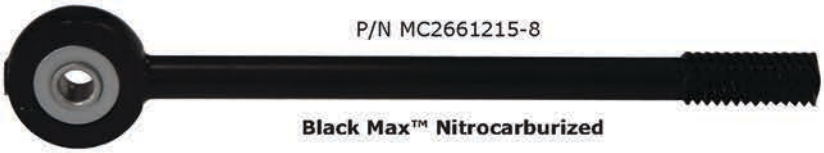
Our PMA replacement Trim Tab Screw Assembly is manufactured using high-strength stainless steel alloy that has our **Black Max™** nitrocarburized heat treatment for increased wear resistance, service life, with less friction, smoother operation, and improved corrosion resistance.

P/N MCS3895-1



Save $$$

P/N MC2661215-8

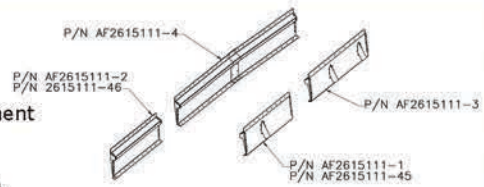


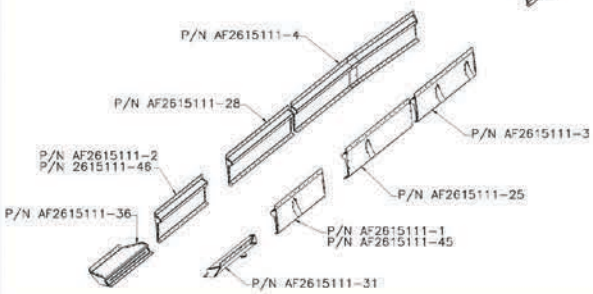
Black Max™ Nitrocarburized

Cabin Heat Vents

Reinforced design for longer life

- Replaceable end caps are metal not fragile plastic like the originals
- Precision fit - drop in direct replacement
- Powder coated corrosion resistant







208 Cabin Heat Vents		
P/N	**Description**	**S/N**
AF2615111-1	LH Fwd Center	0001 thru 0312
AF2615111-45	LH Fwd Center	0313 and On
AF2615111-2 [1]	RH Fwd Center	All
AF2615111-3	LH Aft	All
AF2615111-4	RH Aft	All
208B Cabin Heat Vents		
AF2615111-1	LH Fwd Center	0214 thru 0765
AF2615111-45	LH Fwd Center	0766 and On
AF2615111-2 [1]	RH Fwd Center	0214 and On
AF2615111-3	LH Aft	0214 and On
AF2615111-4	RH Aft	0214 and On
AF2615111-25	LH Fwd Aft	0214 and On
AF2615111-28	RH Fwd Aft	0214 and On
AF2615111-31	LH Fwd	0214 and On
AF2615111-36	RH Fwd	0214 and On

[1] Replaces Cessna P/N 2615111-2 and -46

Oil Cooler Baffle

P/N AF2650098-5

Precision fit! FAA-PMA direct replacement for part numbers 2650098-4 and -5



- Fits Caravans with PT6A-114A engine and large oil cooler
- Reinforced design features increased thickness and strategically placed double additions, resulting in extended life
- Replaceable low cost seal for hassle-free maintenance
- Unmatched quality and value

Bleed Air Tester Tool

Measure bleed air pressure during maintenance engine runs

P/N ATI-BA1



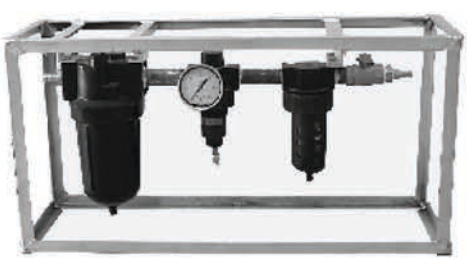
Manufactured by AeroTwin

Deice Boot Mister Tool

Service your pneumatic deice boots

P/N BOOT MISTER

- In accordance with Goodyear Service Letters 91-015 and 91-016
- Injects isopropyl alcohol and silicon fluid in the boots to prevent system freeze-up

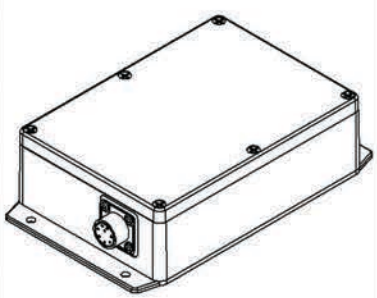


Manufactured by AeroTwin

Deice Cycler

Automatically cycles pneumatic de-ice boots at 1- or 3-minute intervals

P/N DT8-100



Manufactured by AeroTwin

Ice Inspection Handle

P/N 208-ICE HNDL

- Save $$$
- Complies with AD 2006-01-11

Manufactured by AeroTwin



Aircraft Lighting

McFarlane now offers both AeroLEDs and WAT lighting!
Landing, Taxi, Recognition, Navigation, Strobe, Position, and Beacon

See our **Lighting** section of the catalog for details!

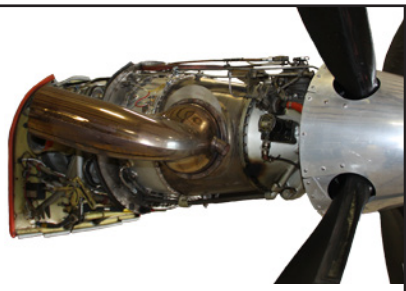







Parts for the Legendary Pratt & Whitney PT6 Engines

Save $$$ on commonly replaced parts



P/N	Description	Eligibility
CA3011155	Fuel Transfer Tube	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 38, 41, 41AG, 42, 45A, 45B, 45R, 50, 60A, 61, 64, 65B, 65R, 65AG, 65AR, 67, 67A, 67B, 67D, 67R, 67AF, 67AG, 110, 112, 114, 114A, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3020030	Fuel Transfer Tube	PT6T-3, 3B, 6, ST6T-75, 76
CA3029566	Fuel Nozzle Gasket	PT6A-11, 11AG, 15AG, 110, 112, 114, 114A, 116, 21, 27, 28, 34, 34AG, 34B, 36, 135, 135A, 25, 25A, 25C, PT6T-3, 3B, BE, 6, 6B, PT6B-36, 36A, 36B
CA3029678	Fuel Nozzle Gasket	PT6A-6, 6A, 6B, 20, 20A, 20B
CA3101469-01	Fuel Manifold Gasket	PW118, 118A, 118B, 120A, 121, 123, 123AF, 123B, 123C, 123D, 123E, 125B, 126, 126A, 127B, 127D
CA3103345-01	Retainer Plate	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 38, 41, 41AG, 42, 45A, 45B,45R, 45AG, 50, 60A, 60AG, 61, 65B, 65R, 110, 112, 114, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3103346-01	Diaphragm	PT6-A38, 41, 41AG, 42, 45A, 45B, 45R, 45AG, 50, 65B, 65R
CA3103347-01	Diaphragm	PT6A-10, 11, 11AG, 15AG, 21, 25, 25A, 25C, 27, 28, 34, 34AG, 34B, 36, 110, 112, 114, 114A, 116, 135, 135A, PT6B-36, 36A, 36B, PT6T-3, 3B, 3BE, 6, 6B, ST6T-75
CA3110998-01	Prop Shaft Shim	PT6A, 60A, 65B, 65R, 65AR, 65AG
CA3118962-01	Gasket	PT6A-6, 6A,6B, 20A, 20B, 21, 25, 25A, 25C ,27
MS9371-16	Gasket	PT6



P/N CA3103347-01



P/N CA3029566



P/N CA3020030



P/N CA3103345-01



P/N CA3110998-01



P/N CA3101469-01



P/N CA3118962-01

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Everything you need to perform maintenance on your aircraft

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Commercial Aircraft Parts

McFarlane has PMA approval on various direct replacement parts that fit Boeing, Airbus, and MD-11 aircraft

- In stock, ready to ship today!
- Save $$$
- Improved designs to last longer

Description	OEM P/N	Part Number	Index
Boeing 757			
Gimbal	LJ70543	MCLJ70543	1
Bushing	LJ71248	MCLJ71248	16
Lanyard	LJ75313	MCLJ75313	2
Lanyard	LJ75314	MCLJ75314	3
Link Assembly	LJ76305	MCLJ76305	17
Bracket	LJ71800	MCLJ71800	10
Spacer	LJ77025	MCLJ77025	11
Seal	LJ71118	MCLJ71118	12
Insert	LJ71589	MCLJ71589	13
Plug	S700R0401-1	MCS700R0401-1	14
TR Seal Kit	TR-KT-1	TR-KT-1	15

Continued on next column

Description	OEM P/N	Part Number	Index
Boeing 757 continued			
Hinge	LJ75766	MCLJ75766	18
Hinge	LJ76926	MCLJ76926	19
Hinge	LJ75767	MCLJ75767	20
Bushing	S700B0455-4B007	MCS700B0455-4B007	21
AHAD Lever	LJ75281	LJ75281	
AHAD Lever	LJ75291	LJ75291MC	
AHAD Lever	LJ75293	LJ75293MC	
AHAD Support	LJ75282	LJ75282MC	
AHAD Support	LJ75752	LJ75752MC	
Boeing 747			
Roller	298301-1	MC298301-1	4
Roller	297100-3	MC297100-3	5
Roller	141100-7	MC141100-7	7
Pin	ES755-1	MCES755-1	8
Shaft	298113-1	MC298113-1	6
Airbus A300-600			
O-Ring	145223	MC145223	22
McDonnell Douglas MD-11			
Gasket	3174675-2	MC3174675-2	9

1

P/N MCLJ70543

2

P/N MCLJ75313

3

P/N MCLJ75314

4

P/N MC298301-1

5

P/N MC297100-3

6

P/N MC298113-1

7

P/N MC141100-7

8

P/N ES755-1

9

P/N MC3174675-2

10

P/N MCLJ71800

11


P/N MCLJ77025

12

P/N MCLJ71118

13

P/N MCLJ71589

14

P/N MCS700R0401-1

15

P/N TR-KT-1

16

P/N MCLJ71248

17

P/N MCLJ76305

18

P/N MCLJ75766

19

P/N MCLJ76926

20

P/N MCLJ75767

21

P/N MCS700B0455-4B007

22

P/N MC145223

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Thrust Reverser Inspection Kits

FAA-PMA approved and industry standard components for TPE 331 engines
For specific eligibility, visit our website at www.mcfarlaneaviation.com

Items contained in the HP201TR kits are standard parts used in a 1400HR TR inspection.

The HP200TR kit consists of two HP201TR kits to service both engines. In addition to the PMA'd parts all hardware required is included and there will normally be a few extra parts left over.

Most of these parts are also used on Dassault Falcon 20's that have the Aeronca STC installed and on all Sabreliner model 80 aircraft. The main difference in the 1400 HR kits for these aircraft (P/N HP100TR) is that the Falcons and Sabreliners use the 232-20260-1HP bearing instead of the 45-12216-1HP bearing.

In addition to the standard parts replaced during the 1400 HR inspection P/N 3233190-2HP Vespel bearing (eight per A/C) may or may not be needed.



P/N	Description	P/N HP201TR [1]	P/N HP100TR & HP200TR [2]
AN960C10L	Washer	12	24
AN960-416	Washer	2	4
D6-1	Washer	60	120
D6-4	Washer	4	8
MS21043-3	Nut	14	28
MS21043-4	Nut	4	8
MS24665-151	Cotter Pin	6	12
MS24665-153	Cotter Pin	5	10
MS24665-302	Cotter Pin	2	4
M9364-10	Nut	4	8
M9464-09	Pin	4	8
NAS1291C4M	Nut	10	20
NAS1351C3-8	Screw	10	20
NAS620C416L	Washer	4	8
NAS620-416L	Washer	16	32
232-20268-503HP	Shoulder Bolt	4	8
232-20426-1HP	Bushing	4	8
3515-28-04	Washer	4	8
45-12216-1HP	Bearing	4	8

[1] Contains enough components for one engine
[2] Contains enough components for two engines

Bushings, Bearings, and Components for TPE331 Engines

FAA-PMA approved

Part Number	Description
3101373-1HP	Lock Plate
3101703-10HP	Bushing
3101703-11HP	Bushing
3101703-12HP	Bushing
3101703-13HP	Bushing
3101703-14HP	Bushing
3101703-15HP	Bushing
3101703-16HP	Bushing
3101703-17HP	Bushing
3101703-18HP	Bushing
3101703-19HP	Bushing
Continued on next column	

Part Number	Description
3101703-1HP	Bushing
3101703-20HP	Bushing
3101703-24HP	Bushing
3101703-25HP	Bushing
3101703-26HP	Bushing
3101703-27HP	Bushing
3101703-28HP	Bushing
3101703-29HP	Bushing
3101703-2HP	Bushing
3101703-3HP	Bushing
3101703-4HP	Bushing
Continued on next column	

Part Number	Description
3101703-5HP	Bushing
3101703-6HP	Bushing
3101703-7HP	Bushing
3101703-8HP	Bushing
3101703-9HP	Bushing
3101759-1HP	Bushing
3101759-2HP	Bushing
3101759-3HP	Bushing
3101759-4HP	Bushing
3101759-5HP	Bushing
3101759-6HP	Bushing
Continued on next column	

Part Number	Description
3101759-7HP	Bushing
865057-7HP	Retainer
865542-5HP	Bearing Sleeve
867595-3HP	Gasket
867681-5HP	Seal Disk
867905-1HP	Valve Seat
868746-6HP	Gasket
869615-1HP	Bearing Sleeve
869615-2HP	Bearing Sleeve
869616-1HP	Bearing Sleeve
869616-2HP	Bearing Sleeve
893579-1HP	Bushing

Cable Assemblies for Learjet

FAA-PMA approved

NEW

Aircraft Model	Part Number
24, 24A,B,B-A,C, D,D-A,E,F,F-A, 25, 25A,B,C,D,F	HP2411660-13
	HP2411660-15
	HP2411660-34
	HP2411660-18
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156
31, 31A	HP2411660-13
	HP2411660-15
	HP2411660-34
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156
Continued on next column	

Aircraft Model	Part Number
35, 35A, 36, 36A	HP2411660-13
	HP2411660-15
	HP2411660-34
	HP2411660-18
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156
55	5415542-23HP
	5415542-26HP
	5415542-16HP
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156
Continued on next column	

Aircraft Model	Part Number
55B, 55C	5415542-23HP
	5415542-26HP
	5415530-5HP
	5415542-23HP
	5415542-26HP
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156
60	6015550-002HP
	6015550-003HP
	5415530-5HP
	MC2300003-151
	MC2300003-152
	MC2300003-155
	MC2300003-156



P/N 6015550-003HP

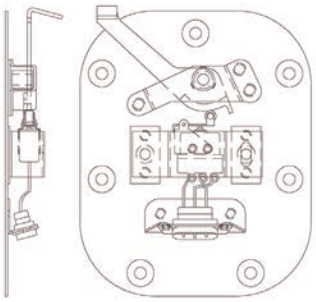


Door Position Indicator (DPI) Switches and Kits for Learjet

FAA-PMA approved and industry standard components

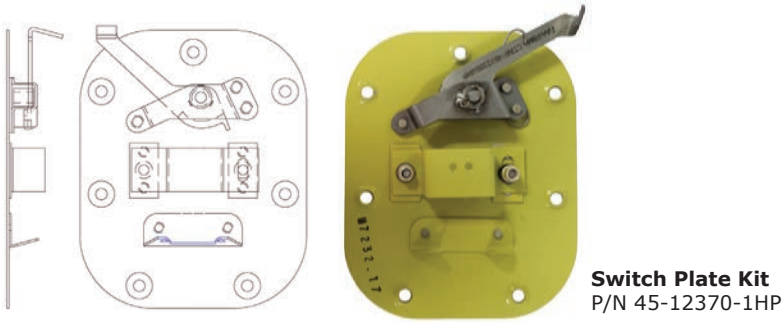
Each kit contains enough components for one engine

DPI Switch and Plate Kit Components P/N 45-12370-10TR		
Part Number	**Description**	**Qty**
45-0008-KIT	DPI Switch and Acuator Kit	1
45-12368-KIT	DPI Pivot Arm Kit	1
45-12370-1HP	Mounting Plate Assembly	1
MS24694-C3	Screw	2
MS35333-72	Washer	2
MS21043-08	Nut	2
Contains enough components for one engine		



DPI Switch and Plate Kit
P/N 45-12370-10TR

Switch Plate Kit Components P/N 45-12370-1HP		
Part Number	**Description**	**Qty**
45-12368-KIT	DPI Pivot Arm Kit	1
45-12370-1HP	Mounting Plate Assembly	1
MS24694-C3	Screw	2
MS35333-72	Washer	2
MS21043-08	Nut	2
Contains enough components for one engine		



Switch Plate Kit
P/N 45-12370-1HP

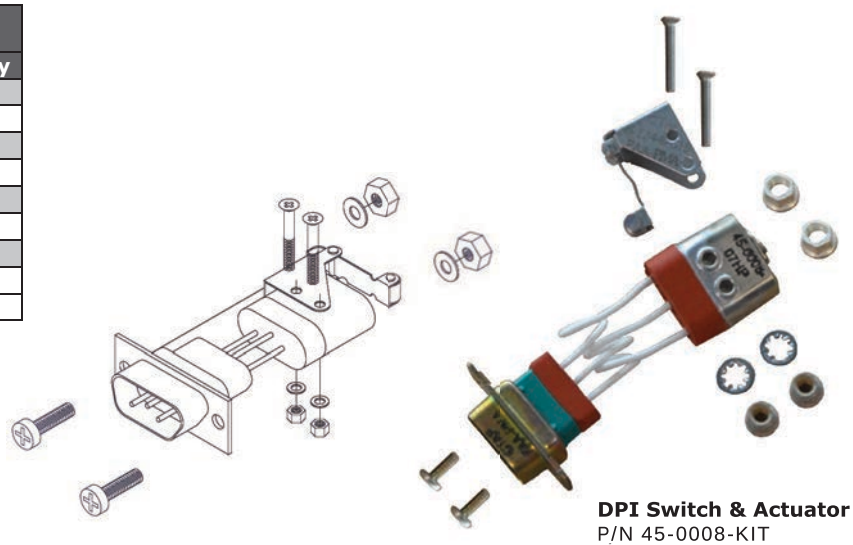
DPI Pivot Arm Kit Components P/N 45-12368-TR		
Part Number	**Description**	**Qty**
45-12356-1HP	Spring	1
45-12370-109	Pin	1
45-12368-9HP	Pivot Arm	1
MS24665-132	Cotter Pin	1
Contains enough components for one engine		



DPI Pivot Arm Kit
P/N 45-12368-TR

DPI Switch and Actuator Kit Components P/N 45-0008-KIT		
Part Number	**Description**	**Qty**
MS21043-08	Nut	2
MS35333-72	Washer	2
MS35206-213	Screw	2
NAS662C2R9	Screw	2
MS21042-02-08	Nut	2
NAS620-4	Washer	2
45-12449-3HP	Actuator	1
45-0008-7HP	Plug/Switch Assembly	1
Contains enough components for one engine		

DPI Switch Assembly (4) req. per A/C	
Part Number	**Description**
45-12368-9HP	Pivot Arm
45-12256-3HP	Bumper Plate
45-0008-07HP	Plug and Switch Assembly
45-12449-3HP	Actuator Assembly
45-12356-1HP	Spring
45-12370-1HP	Switch Plate Assembly



DPI Switch & Actuator Kit
P/N 45-0008-KIT


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