

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
51 Winthrop Road
Chester, CT. 06412-0684

PMA NO. PQ0610NE
SUPPLEMENT NO. 44 Amdt 1
DATE 18 November 2014

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0790750-10	Modification Part	STC SA00344BO DWG No: 90750 Rev: - Date: 1/10/2014 or later FAA-approved revisions	AERMACCHI S.p.A.	S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A
				AERMACCHI S.p.A.	F.260, F.260B, F.260C, F.260D, F.260E, F.260F
				Aerostar Aircraft Corp.	PA-60-600 (AEROSTAR 600) PA-60-601 (AEROSTAR 601) PA-60-601P (AEROSTAR 601P) PA-60-602P (AEROSTAR 602P) PA-60-700P (AEROSTAR 700P)
				Agusta S.p.A.	S.210
				Alexandria Aircraft, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC,
				Alexandria Aircraft, LLC	17-30A, 17-31A, 17-31ATC
				Allied Ag Cat Productions, Inc	G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap
				American Champion Aircraft Corp.	7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCBA, 7HC, 7JC, 7KC, 7KCAB
				American Champion Aircraft Corp.	11AC, S11AC, 11BC, S11BC

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				American Champion Aircraft Corp.	402
				American Champion Aircraft Corp.	8KCAB, 8GCBC
				Atlantic Coast Seaplanes, LLC	G-21C, G-21D, G-21E, G-21G
				Beechcraft Corporation	C-18S (Amy C-45, C-45A, C-45F, UC-45B, UC-45F, AT-7, AT-7A, AT-7B, AT-7C; Navy JRB-1, JRB-2, JRB-3, JRB-4, SNB-2, SNB-2C)
				Beechcraft Corporation	3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J (SNB-5P), E18S-9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J or UC-45J (SNB-5)
				Beechcraft Corporation	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R
				Beechcraft Corporation	T-34C (T-34C-1) (34C)
				Beechcraft Corporation	35, A35, B35, C35, D35, E35, F35, G35, 35R
				Beechcraft Corporation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A., F33C, G33, H35, G36, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC

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				Beechcraft Corporation	B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-055, 95-055A, G58, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95
				Beechcraft Corporation	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90,C90, C90A, C90GT, C90GTi, E90, H90 (T-44A)
				Beechcraft Corporation	99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100
				Beechcraft Corporation	58P, 58PA, 58TC, 58TCA
				Beechcraft Corporation	76
				Beechcraft Corporation	77
				Beechcraft Corporation	60, A60, B60
				Beechcraft Corporation	A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D

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				Bellanca Aircraft Corp.	14-13, 14-13-2, 14-13-3, 14-13-3W
				B-N Group Ltd.	BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3
				B-N Group Ltd.	BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R
				Boeing Airplane Company	A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1
				Burl A. Rogers (Aeronca)	15AC, S15AC
				Cessna Aircraft Company	LC40-550FG, LC42-550FG, LC41-550FG
				Cessna Aircraft Company	C-145, C-165 (ARMY UC-94)
				Cessna Aircraft Company	120, 140
				Cessna Aircraft Company	140A

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				Cessna Aircraft Company	170, 170A, 170B
				Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G (USAF T-41A), 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S
				Cessna Aircraft Company	175, 175A, 175B, 175C, P172D, R172E (USAF T-41B, T-41C and D), R172F (USAF T-41D), R172G USAF T-41C or D), R172H (USAF T-41D), R172J, R172K, 172RG
				Cessna Aircraft Company	177, 177A, 177B
				Cessna Aircraft Company	177RG
				Cessna Aircraft Company	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180I1, 180J, 180K
				Cessna Aircraft Company	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T
				Cessna Aircraft Company	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F
				Cessna Aircraft Company	188, 188A, 188B, A188, A188A, A188B, T188C
Cessna Aircraft Company	190, 195 (LC-126A,B,C), 195A, 195B				

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				Cessna Aircraft Company	207, 207A, T207, T207A
				Cessna Aircraft Company	208, 208B
				Cessna Aircraft Company	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A)
				Cessna Aircraft Company	321(Navy OE-2)
				Cessna Aircraft Company	T-50 (Army AT-17, UC-78 series, Navy JRC-1)
				Cessna Aircraft Company	T303
				Cessna Aircraft Company	310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, 310Q, 310R, T310P, T310Q, T310R
				Cessna Aircraft Company	320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 340, 340A

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				Cessna Aircraft Company	337, 337A (USAF 02B), 337B, 337C, 337D, 337E, 337F, 337G, 337H, M337B (USAF 02A), T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP, P337H
				Cessna Aircraft Company	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425
				Cessna Aircraft Company	404, 406
				Cessna Aircraft Company (Reims Aviation S.A.)	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P
				Cessna Aircraft Company (Reims Aviation S.A.)	F150F, F150G, F150H, F150J, F150K, FA150K, F150L, FA150K, FA150L, FRA150L, F150M, FA150M, FRA150M, F152, FA152
				Cessna Aircraft Company (Reims Aviation S.A.)	FR172E, FR172F, FR172G, FR172H, FR172J, FR172K
				Cessna Aircraft Company (Reims Aviation S.A.)	F182P, F182Q, FR182
				Cessna Aircraft Company (Reims Aviation S.A.)	F337E, FT337E, F337F, FT337F, F337G, FT337GP, F337H, FT337HP
				Cessna Aircraft Company (Reims Aviation S.A.)	F177RG
				CPAC, Inc.	112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC

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				LAVIA Argentina S.A. (LAVIASA)	PA-25, PA-25-235, PA-25-260
				M7	SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT
				M7	SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A)
				M7	SA227-CC, SA227-DC (C26B)
				Maule Aerospace Technology, Inc. ⁽³⁾	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420
Mooney Aircraft Corporation	M22				

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				Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400
				Piper Aircraft, Inc. ⁽²⁾	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T
				Piper Aircraft, Inc.	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T
				Piper Aircraft, Inc.	PA-36-285, PA-36-300, PA-36-375
				Piper Aircraft, Inc.	PA-38-112
				Piper Aircraft, Inc.	PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)

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				Piper Aircraft, Inc.	PA-23, PA-23-160, PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250
				Piper Aircraft, Inc.	PA-30, PA-39, PA-40
				Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350
				Piper Aircraft, Inc.	PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA31P-350
				Piper Aircraft, Inc.	PA-34-200, PA-34-200T, PA-34-220T
				Piper Aircraft, Inc.	PA-44-180, PA-44-180T
				Piper Aircraft, Inc.	PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T
				Regal Air, Inc.	305A (USAF 0-1A), 305C (USAF 0-1E), 305D (USAF 0-1G), 305F
				Regal Air Incorporated	305B (Military TO-1D, 0-1D, 0-1F), 305E
				Reims Aviation	F406
Revo, Incorporated	Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, , Lake LA-4P, Lake LA-4-200, Lake Model 250				
SOCATA Groupe Aerospatiale	TB 9, TB 10, TB 20, TB 21, TB 200				

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				SOCATA Groupe Aerospatiale	MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C
				SOCATA, S.A.	GA-7
				Sky International Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				STOL Aviation LLC	S-1A, S-1A-65F, S-1A-85F, S-1A-90F
				STOL Aviation LLC	S-1B1 (Army L-6, XL-6), S-1B2
				Swift Museum Foundation, Inc.	GC-1A, GC-1B
				Taylorcraft 2000, LLC	BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85
				Taylorcraft 2000, LLC	19, F19, F21, F21A, F21B, F22, F22A, F22B, F22C
				The Don Luscombe Aviation History Foundation, Inc.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Thrush Aircraft, Inc.	S2A
				Thrush Aircraft, Inc.	S-2B, S-2C, 600-S2C
				Thrush Aircraft, Inc.	600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340

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Whelen Engineering Company, Inc.
51 Winthrop Road
Chester, CT. 06412-0684

PMA NO. PQ0610NE
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DATE 18 November 2014

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Lights	01-0790750-10	Modification Part	STC SA00344BO <u>DWG No:</u> 90750 <u>Rev:</u> - <u>Date:</u> 1/10/2014 or later FAA-approved revisions	Thrush Aircraft, Inc. True Flight Holdings LLC True Flight Holdings LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Twin Commander Aircraft LLC Univair Aircraft Corporation (Stinson) Viking Air Limited Viking Air Limited Viking Air Limited Vulcanair S.p.A.	600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-R3S, S2R-T11, S2R-R1340, S2R-R1820, S2R-T65, S2RHG-T65, S2R-T45, S2R-G6, S2R-G10, S2R-G5, S2R-G1, S2RHG-T34, S2R-T660 AA-5, AA-5A, AA-5B, AG-5B AA-1, AA-1A., AA-1B, AA-1C 500, 500-A, 500-B, 500-U, 520, 560, 560-A, 560-E, 500-S 560-F, 680, 680E, 680F, 720, 680FL, 680FL(P), 680T, 680V, 680W, 681, 690, 685, 690A, 690B, 690C, 690D, 695, 695A, 695B 700 108, 108-1, 108-2, 108-3, 108-5 DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, DHC-6-400 DHC-2 Mk. I, DHC-2 Mk. II, DHC-2 Mk. III DHC-3 P 68, P 68B, P 68C, P 68C-TC, P 68 "Observer", AP68TP 300 "Sparticus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2"

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO <u>DWG No:</u> 90750 <u>Rev:</u> - <u>Date:</u> 1/10/2014 or later FAA-approved revisions	AERMACCHI S.p.A.	S.205-18/F, S.205-18/R, S.205-20/F, S.205-20/R, S.205-22/R, S.208, S.208A
				AERMACCHI S.p.A.	F.260, F.260B, F.260C, F.260D, F.260E, F.260F
				Aerostar Aircraft Corp.	PA-60-600 (AEROSTAR 600) PA-60-601 (AEROSTAR 601) PA-60-601P (AEROSTAR 601P) PA-60-602P (AEROSTAR 602P) PA-60-700P (AEROSTAR 700P)
				Agusta S.p.A.	S.210
				Alexandria Aircraft, LLC	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC,
				Alexandria Aircraft, LLC	17-30A, 17-31A, 17-31ATC
				Allied Ag Cat Productions, Inc	G-164, G-164A, G-164B, G-164B with 73" wing gap, G-164B-15T, G-164B-34T, G-164B-20T, G-164C, G-164D, G-164D with 73" wing gap
				American Champion Aircraft Corp.	7ECA, 7GCAA, 7GCBC 7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7FC, 7GC, 7GCA, 7GCB, 7GCBA, 7HC, 7JC, 7KC, 7KCAB
				American Champion Aircraft Corp.	11AC, S11AC, 11BC, S11BC

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO DWG No: 90750 Rev: - Date: 1/10/2014 or later FAA-approved revisions	American Champion Aircraft Corp.	11CC, S11CC
				American Champion Aircraft Corp.	402
				American Champion Aircraft Corp.	8KCAB, 8GCBC
				Atlantic Coast Seaplanes, LLC	G-21C, G-21D, G-21E, G-21G
				Beechcraft Corporation	C-18S (Amy C-45, C-45A, C-45F, UC-45B, UC-45F, AT-7, AT-7A, AT-7B, AT-7C; Navy JRB-1, JRB-2, JRB-3, JRB-4, SNB-2, SNB-2C)
				Beechcraft Corporation	3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J (SNB-5P), E18S-9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J or UC-45J (SNB-5)
				Beechcraft Corporation	19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R
				Beechcraft Corporation	T-34C (T-34C-1) (34C)
				Beechcraft Corporation	35, A35, B35, C35, D35, E35, F35, G35, 35R
Beechcraft Corporation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A., F33C, G33, H35, G36, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC				

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO DWG No: 90750 Rev: - Date: 1/10/2014 or later FAA-approved revisions	Beechcraft Corporation	45 (YT-34), A45 (T-34A, B-45) D45 (T-34B)
				Beechcraft Corporation	B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42), 95-055, 95-055A, G58, D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95
				Beechcraft Corporation	65 (L-23F), 65-A90-1 (JU-21A), A65 (U-21A), A65-8200 (RU-21A), 65-80 (RU-21D), 65-A80 (U-21G), 65-A80-8800 (RU-21H), 65-B80, 65-88, 65-A90-2 (RU-21B), 65-A90-3 (RU-21C), 65-A90-4 (RU-21E), 65-A90 (RU-21H), 65-90, 70, B90,C90, C90A, C90GT, C90GTi, E90, H90 (T-44A)
				Beechcraft Corporation	99, 99A, 99A (FACH), A99, A99A, B99, C99, 100, A100 (U-21F), A100A, A100C, B100
				Beechcraft Corporation	58P, 58PA, 58TC, 58TCA
				Beechcraft Corporation	76
				Beechcraft Corporation	77
				Beechcraft Corporation	60, A60, B60
				Beechcraft Corporation	A100-1, 200, 200C, 200CT, 200T, A200, A200C, A200CT, B200, B200CT, B200GT, B200CGT, B200T, 300, 300LW, B300, B300C, 1900, 1900C, 1900D

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO <u>DWG No:</u> 90750 <u>Rev:</u> - <u>Date:</u> 1/10/2014 or later FAA-approved revisions	Beechcraft Corporation Bellanca Aircraft Corp. B-N Group Ltd. B-N Group Ltd. Boeing Airplane Company Burl A. Rogers (Aeronca) Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company Cessna Aircraft Company	50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL23D), F50, G50, H50, J50 14-13, 14-13-2, 14-13-3, 14-13-3W BN2A MK. III, BN2A MK. III-2, BN2A MK. III-3 BN-2, BN-2A, BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27, BN-2B-20, BN-2B-21, BN-2B-27, BN-2T, BN-2B-26, BN-2T-4R A75L3, 75 (Army PT-13), A75 (Army PT-13A, PT-13B, PT-13C), B75 (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5, PT13D/N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, PT -17A; Navy N2S1, N2S1-4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1 15AC, SI5AC LC40-550FG, LC42-550FG, LC41-550FG C-145, C-165 (ARMY UC-94) 120, 140 140A

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				Cessna Aircraft Company	170, 170A, 170B
				Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G (USAF T-41A), 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S
				Cessna Aircraft Company	175, 175A, 175B, 175C, P172D, R172E (USAF T-41B, T-41C and D), R172F (USAF T-41D), R172G USAF T-41C or D), R172H (USAF T-41D), R172J, R172K, 172RG
				Cessna Aircraft Company	177, 177A, 177B
				Cessna Aircraft Company	177RG
				Cessna Aircraft Company	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180I1, 180J, 180K
				Cessna Aircraft Company	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182, T182T
				Cessna Aircraft Company	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F
				Cessna Aircraft Company	188, 188A, 188B, A188, A188A, A188B, T188C
Cessna Aircraft Company	190, 195 (LC-126A,B,C), 195A, 195B				

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				Cessna Aircraft Company	207, 207A, T207, T207A
				Cessna Aircraft Company	208, 208B
				Cessna Aircraft Company	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A)
				Cessna Aircraft Company	321(Navy OE-2)
				Cessna Aircraft Company	T-50 (Army AT-17, UC-78 series, Navy JRC-1)
				Cessna Aircraft Company	T303
				Cessna Aircraft Company	310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, E310H, 310I, 310J, 310J-1, E310J, 310K, 310L, 310N, 310P, 310Q, 310R, T310P, T310Q, T310R
				Cessna Aircraft Company	320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 340, 340A

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO DWG No: 90750 Rev: - Date: 1/10/2014 or later FAA-approved revisions	Cessna Aircraft Company	336
				Cessna Aircraft Company	337, 337A (USAF 02B), 337B, 337C, 337D, 337E, 337F, 337G, 337H, M337B (USAF 02A), T337B, T337C, T337D, T337E, T337F, T337G, T337H, T337H-SP, P337H
				Cessna Aircraft Company	401, 401A, 401B, 402, 402A, 402B, 402C, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425
				Cessna Aircraft Company	404, 406
				Cessna Aircraft Company (Reims Aviation S.A.)	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P
				Cessna Aircraft Company (Reims Aviation S.A.)	F150F, F150G, F150H, F150J, F150K, FA150K, F150L, FA150K, FA150L, FRA150L, F150M, FA150M, FRA150M, F152, FA152
				Cessna Aircraft Company (Reims Aviation S.A.)	FR172E, FR172F, FR172G, FR172H, FR172J, FR172K
				Cessna Aircraft Company (Reims Aviation S.A.)	F182P, F182Q, FR182
				Cessna Aircraft Company (Reims Aviation S.A.)	F337E, FT337E, F337F, FT337F, F337G, FT337GP, F337H, FT337HP
				Cessna Aircraft Company (Reims Aviation S.A.)	F177RG
CPAC, Inc.	112, 114, 112TC, 112B, 112TCA, 114A, 114B, 114TC				

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				Diamond Aircraft Industries GmbH	DA 40, DA 40F
				Diamond Aircraft Industries GmbH	DA 42, DA 42 NG, DA 42 M-NG
				Diamond Aircraft Industries Inc.	DA20-A1, DA20-C1
				Found Aircraft Canada, Inc.	FBA-2C, FBA-2C1, FBA-2C2, FBA-2C3
				Found Brothers Aviation Limited	FBA Centennial "100"
				FS 2001 Corp (Piper)	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corporation. (Piper) ⁽²⁾	PA-14
				FS 2003 Corporation (Piper) ⁽²⁾	PA-12, PA-12S
				GA 8 Airvan (Pty) Ltd.	GA8, GA8-TC320
				Grumman	G-21, G-21A (Army OA-9, Navy JRF-1, JRF-2, JRF-4, JRF-5, JRF-6B)
				Gulfstream Aerospace Corporation	111
				Gulfstream Aerospace Corporation	G-44 (Army OA-14, Navy J4F -2), G-44A, SCAN Type 30
GROB	G120A				
Helio Aircraft, LLC.	11-250, H-295 (USAF U-10D), HT-295, H-391 (USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H700, H800				

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				LAVIA Argentina S.A. (LAVIASA)	PA-25, PA-25-235, PA-25-260
				M7	SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT
				M7	SA226-TC, SA227-AC (C-26A), SA227-PC, SA227-BC (C-26A)
				M7	SA227-CC, SA227-DC (C26B)
				Maule Aerospace Technology, Inc. ⁽³⁾	BEE DEE M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-180, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MX-7-160, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420A, MT-7-420
				Mooney Aircraft Corporation	M22

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				Pilatus Aircraft Ltd.	PC-6, PC-6H1, PC-6H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2
				Pilatus Aircraft Ltd.	PC-7
				Pilatus Aircraft Ltd.	PC-12/45, PC-12/47, PC-12/47E
				Piper Aircraft, Inc.	J4, J4A, J4A-S
				Piper Aircraft, Inc.	J4E (Army L-4E)
				Piper Aircraft, Inc.	PA-16, PA-16S
				Piper Aircraft, Inc.	PA-15
				Piper Aircraft, Inc.	PA-17
				Piper Aircraft, Inc. ⁽³⁾	PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S
				Piper Aircraft, Inc. ⁽³⁾	PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135"

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				Piper Aircraft, Inc.	PA-24, PA-24-250, PA-24-260, PA-24-400
				Piper Aircraft, Inc. ⁽²⁾	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T
				Piper Aircraft, Inc.	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA32-301FT, PA32-301XTC, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T
				Piper Aircraft, Inc.	PA-36-285, PA-36-300, PA-36-375
				Piper Aircraft, Inc.	PA-38-112
				Piper Aircraft, Inc.	PA-18A, PA-18A "135", PA-18A "150" (Restricted Category Only)

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering Company, Inc.
51 Winthrop Road
Chester, CT. 06412-0684

PMA NO. PQ0610NE
SUPPLEMENT NO. 44 Amdt 1
DATE 18 November 2014

Article Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility ⁽¹⁾
LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO DWG No: 90750 Rev: - Date: 1/10/2014 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-36-285, PA-36-300, PA-36-375 (Restricted Category Only)
				Piper Aircraft, Inc.	PA-23, PA-23-160, PA-23-235, PA-23-250 (Navy UO-1), PA-E23-250
				Piper Aircraft, Inc.	PA-30, PA-39, PA-40
				Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350
				Piper Aircraft, Inc.	PA-31P, PA-31T, PA-31T1, PA-31T2, PA-31T3, PA31P-350
				Piper Aircraft, Inc.	PA-34-200, PA-34-200T, PA-34-220T
				Piper Aircraft, Inc.	PA-44-180, PA-44-180T
				Piper Aircraft, Inc.	PA-46-310P, PA-46-350P, PA-46-500TP, PA-46R-350T
				Regal Air, Inc.	305A (USAF 0-1A), 305C (USAF 0-1E), 305D (USAF 0-1G), 305F
				Regal Air Incorporated	305B (Military TO-1D, 0-1D, 0-1F), 305E
Reims Aviation	F406				
Revo, Incorporated	Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, , Lake LA-4P, Lake LA-4-200, Lake Model 250				
SOCATA Groupe Aerospatiale	TB 9, TB 10, TB 20, TB 21, TB 200				

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				SOCATA Groupe Aerospatiale	MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E, Rallye 100S, Rallye 150T, Rallye 150ST, Rallye 235E, Rallye 235C
				SOCATA, S.A.	GA-7
				Sky International Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				STOL Aviation LLC	S-1A, S-1A-65F, S-1A-85F, S-1A-90F
				STOL Aviation LLC	S-1B1 (Army L-6, XL-6), S-1B2
				Swift Museum Foundation, Inc.	GC-1A, GC-1B
				Taylorcraft 2000, LLC	BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85
				Taylorcraft 2000, LLC	19, F19, F21, F21A, F21B, F22, F22A, F22B, F22C
				The Don Luscombe Aviation History Foundation, Inc.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Thrush Aircraft, Inc.	S2A
				Thrush Aircraft, Inc.	S-2B, S-2C, 600-S2C
				Thrush Aircraft, Inc.	600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-T11, S2R-R3S, S2R-R1340

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LED Landing Light	01-0790750-20	Modification Part	STC SA00344BO <u>DWG No:</u> 90750 <u>Rev:</u> - <u>Date:</u> 1/10/2014 or later FAA-approved revisions	Thrush Aircraft, Inc.	600 S-2D, S-2R, S2R-T34, S2R-T15, S2R-R3S, S2R-T11, S2R-R1340, S2R-R1820, S2R-T65, S2RHG-T65, S2R-T45, S2R-G6, S2R-G10, S2R-G5, S2R-G1, S2RHG-T34, S2R-T660
				True Flight Holdings LLC	AA-5, AA-5A, AA-5B, AG-5B
				True Flight Holdings LLC	AA-1, AA-1A., AA-1B, AA-1C
				Twin Commander Aircraft LLC	500, 500-A, 500-B, 500-U, 520, 560, 560-A, 560-E, 500-S
				Twin Commander Aircraft LLC	560-F, 680, 680E, 680F, 720, 680FL, 680FL(P), 680T, 680V, 680W, 681, 690, 685, 690A, 690B, 690C, 690D, 695, 695A, 695B
				Twin Commander Aircraft LLC	700
				Univair Aircraft Corporation (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				Viking Air Limited	DHC-6-1, DHC-6-100, DHC-6-200, DHC-6-300, DHC-6-400
				Viking Air Limited	DHC-2 Mk. I, DHC-2 Mk. II, DHC-2 Mk. III
				Viking Air Limited	DHC-3
Vulcanair S.p.A.	P 68, P 68B, P 68C, P 68C-TC, P 68 "Observer", AP68TP 300 "Sparticus", P68TC "Observer", AP68TP 600 "Viator", P68 "Observer 2"				

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Notes:

- (1) Installation is limited to the previously approved landing / taxi light lamp size, voltage and location(s).
- (2) AD 96-10-01 R1 or later revision must be complied with prior to installing the Parmetheus Plus LED light assemblies.
- (3) No approved installation located on the retracting portion of a landing gear.

----- (End of Listing) -----

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§21 319 and 21 619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

Richard Warren
Manager, Manufacturing Inspection District Office,
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