

| PIPE THREAD VALVES  |   |  | FLUSH MOUNTED VALVES  |  |
|---|---|--|---|--|
| <b>CCA-1250</b><br><br>1/8 N.P.T. Brass<br>Inst. Lgth .750<br>Action Spiral, lock open<br>TSO-C76a  | <b>CCA-1550</b><br><br>1/8 N.P.T. Brass<br>Inst. Lgth .750<br>Push to open turn to lock<br>TSO-C76a<br>NSN 4820-00-202-6420   | <b>CCA-4850</b><br><br>1/8 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .750<br>Action Spiral, Lock open<br>TSO-C76a<br>NSN 4820-01-050-7496 | <b>CCA-2500</b><br><br>1/8 N.P.T. Brass<br>Push to open<br>Use Pin type cup<br>Inst. Lgth .335<br>TSO-C76a                              | <b>CCA-2600</b><br><br>1/4 N.P.T. Brass<br>Push to open<br>Use Pin type cup<br>Inst. Lgth .370<br>TSO-C76a   |
| <b>CCA-7450</b><br><br>Cadmium Plated<br>Inst. Lgth .750<br>Push to open turn to lock<br>TSO-C76a<br>NSN 4820-00-832-3778                     | <b>CCA-9950</b><br><br>1/8 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .750<br>Lock wire body<br>Action Spiral, lock open<br>TSO-C76a                                  | <b>CCA-36150</b><br><br>1/8 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .750<br>Action Spiral, non locking<br>TSO-C76a                      | <b>CCA-2700</b><br><br>3/8 - 24 UNF Brass<br>Push to open<br>Use Pin type cup<br>Inst. Lgth .335<br>TSO-C76a                            | <b>CCA-2800</b><br><br>7/16 - 20 UNF Brass<br>Push to open<br>Use Pin type cup<br>Inst. Lgth .245<br>TSO-C76a  |
| <b>CCB-36700</b><br><br>1/8 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .750<br>Action push to open non lock<br>TSO-C76a                     | <b>CCB-36750</b><br><br>1/8 N.P.T.<br>Stainless Steel<br>Inst. Lgth .750<br>Action Spiral to open<br>Turn to lock TSO-C76a<br>Lock wire drilled<br>NSN 2810-00-859-8863 | <b>CCA-1300</b><br><br>1/4 N.P.T. Brass<br>Inst. Lgth .850<br>Spiral to open turn to lock<br>TSO-C76a  | <b>CCA-2900</b><br><br>1/2 - 20 UNF Brass<br>Push to open<br>Use Pin type cup<br>Inst. Lgth .192<br>TSO-C76a                            | <b>CCA-7500</b><br><br>3/4 - 16 UNF<br>Alum. Anodized<br>Spiral to open, Lock open<br>Screwdriver Slot<br>NSN 4820-00-529-0918   |
| <b>CCA-1600</b><br><br>1/4 N.P.T. Brass<br>Inst. Lgth .850<br>Push to open turn to lock<br>TSO-C76a<br>NSN 2915-00-486-5062                   | <b>CCA-4800</b><br><br>1/4 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .850<br>Lock wire drilled<br>Push to open turn to lock<br>TSO-C76a                              | <b>CCA-4900</b><br><br>1/4 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .850<br>Spiral open turn to lock<br>TSO-C76a<br>NSN 4820-00-097-0319 | <b>CCA-7500-1</b><br><br>3/4 - 16 NF3<br>Alum. Anodized<br>Spiral to open, Lock open<br>Screwdriver Slot<br>NSN 4820-00-860-3896        | <b>CCA-7500-2</b><br><br>3/4 - 16 NF3<br>Alum. Anodized<br>Spiral to open, Lock open<br>Screwdriver Slot<br>NSN 4820-00-869-5896                                       |
| <b>CCA-39000</b><br><br>1/4 N.P.T.<br>Stainless Steel<br>Inst. Lgth .850<br>Spiral, open turn to lock<br>TSO-C76a                             | <b>CCA-1350</b><br><br>3/8 N.P.T. Brass<br>Inst. Lgth .975<br>Spiral, open turn to lock<br>TSO-C76a<br>NSN 4820-00-256-9379   | <b>CCA-1650</b><br><br>3/8 N.P.T. Brass<br>Inst. Lgth .975<br>Push to open Turn to lock<br>TSO-C76a  | <b>CCA-7600</b><br><br>3/4-16 NF3<br>Alum. Anodized<br>Spiral to open,<br>Turn 90° to lock valve<br>Screwdriver slot<br>TSO-C76 Pending | <b>CCB-37500</b><br><br>3/4-16 NF3<br>Alum. W/Nylok Hex<br>Push to open turn to lock<br>Meets lightning Safety Req.<br>Per Mil-C-38373 Para. 4.6.14<br>TSO-C76 Pending |
| <b>CCA-4950</b><br><br>3/8 N.P.T. Brass<br>Cadmium Plated<br>Inst. Lgth .975<br>Spiral, open turn to lock<br>TSO-C76a<br>NSN 4820-00-202-6015 | <b>CCA-1400</b><br><br>1/2 N.P.T. Brass<br>Inst. Lgth 1.030<br>Spiral, open turn to lock<br>TSO-C76a  | <b>CCA-1700</b><br><br>1/2 N.P.T. Brass<br>Inst. Lgth 1.030<br>Push to open Turn to lock<br>TSO-C76a<br>NSN 4820-00-689-3000                 | <b>CCB-36450</b><br><br>3/4 - 16-NF3<br>Alum. Anodized<br>Flush Mounted<br>Push to open turn to lock<br>NSN 4820-00-783-6477            | <b>CCB-36450-5</b><br><br>3/4 - 16-NF3<br>Alum. Anodized<br>Flush Mounted<br>Push to open turn to lock<br>Meets Lightning Safety Req.<br>Mil-C-38373 Para. 4.6. 14     |

**OIL DRAIN VALVES** FAA-PMA Pending | Experimental use only

|   |   |  |   |  |
|---|---|--|---|--|
| <b>CCA-2440 HKS700 Eng.</b><br><br>14MM 1.50 Brass<br>Inst. Lgth. Body 1.00<br>Stem Lgth. 900 W/3/8 Hose Nip.<br>Spiral to open turn to lock<br>Lock wire drilled | <b>CCA-2450 ROTAX Eng.</b><br><br>12MM 1.75 Brass<br>Inst. Lgth Body 1.00<br>Stem Lgth. 900 W/ 3/8 Hose Nip<br>Spiral to open turn to lock<br>Lock wire drilled | <b>CCA-2460 JABIRU Eng.</b><br><br>1/2 - 20 UNF-3A<br>Inst. Lgth Body 1.00<br>Stem Lgth .900 W/ 3/8 Hose Nip<br>Spiral to open turn to lock<br>Lock wire drilled | <b>CCA-2475 Adapter Assy ROTAX</b><br><br>12MM 1.75<br>CCA-2470 Adpt & CCA-2450 Valve | <b>CCA-2485 Adapter Assy JABIRU</b><br><br>1/2 - 20 UNF-3A<br>CCA-2480 Adpt & CCA-2460 Valve |
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**STRAIGHT THREAD VALVES**

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|--|---|--|---|---|
| <b>CCA-2470 Adapter ROTAX</b><br><br>12MM 1.75 Aluminum.<br>Inst. Lgth Body & Nut 1.260<br>Lock wire drilled | <b>CCA-2480 Adapter JABIRU Eng.</b><br><br>1/2 - 20 UNF-3A Aluminum<br>Inst. Lgth Body & Nut 1.260<br>Lock wire drilled | <b>CCA-4300</b><br><br>7/16 - 20NF3<br>Cadmium Plated Brass<br>Inst. Lgth .625<br>Spiral to open, turn to lock<br>Lock wire drilled TSO-C76a<br>NSN 4320-00-107-3316 | <b>CCB-4320</b><br><br>7/16 - 20 NF3<br>Cadmium Plated Brass<br>Inst. Lgth .830<br>Push to open non locking<br>Lock wire drilled TSO-C76a<br>NSN 2915-00-532-7404 | <b>CCA-5800-1</b><br><br>7/16 - 20NF3<br>Cadmium Plated Brass<br>Inst. Lgth .620<br>Spiral, Non lock open<br>Lock wire drilled TSO-C76a<br>NSN 4820-00-860-3896 |
|--|---|--|---|---|

**CURTIS INSTALLATION SOCKETS**

|   |  |  |  |  |
|---|--|--|--|--|
| <b>CST-716</b><br><br>Fits all 7/16 Hex Valves              | <b>CST-916</b><br><br>Fits all 9/16 Hex Valves   | <b>CCA-5800-3</b><br><br>7/16 - 20NF3<br>Cadmium Plated Brass<br>Inst. Lgth .620<br>Push to open Non locking<br>Lock wire drilled TSO-C76a<br>NSN 4820-01-048-6169 | <b>CCA-4350</b><br><br>9/16 - 18UNF3<br>Cadmium Plated Brass<br>Inst. Lgth .635<br>Spiral, lock open<br>Lock wire drilled TSO-C76a<br>NSN 4320-00-203-6321 | <b>CCA-7250</b><br><br>3/4 - 16NF3<br>Cadmium Plated Brass<br>Inst. Lgth .635<br>Spiral to open Lock open<br>Lock wire drilled TSO-C76a<br>NSN 4820-00-444-9592      |
| <b>CST-1116</b><br><br>Fits all 11/16 Hex valves            | <b>CST-78</b><br><br>Fits all 7/8 Hex Valves   | <b>CCA-31300</b><br><br>9/16 - 18NF3<br>Cadmium Plated Brass<br>Inst. Lgth .635<br>Push to open Non Locking<br>Lock wire drilled TSO-C76a                          | <b>HOSE BARB VALVES</b>  |  |
| <b>CST-36450</b><br><br>Fits CCB-36450 & CCB-36450-5 Valves | <b>CCA-39680</b><br><br>Sampling Cup<br>For sampling Fuel on Flush Mounted fuel valves | <b>CCA-39550</b><br><br>5/8 - 18 NF3<br>Inst. Lgth Body 1.050<br>Spiral to open turn to lock<br>Lock wire drilled TSO-C76a   | <b>CCA-3400</b><br><br>1/2 I.D. Hose Fitting<br>Inst. Lgth .695<br>Spiral to open turn to lock<br>NSN 4820-00-533-6592<br>TSO-C76a                         | <b>CCA-5400</b><br><br>7/16 - 20 NF3<br>Cadmium Plated Brass<br>Inst. Lgth Body .616<br>Stem Lgth 1.125<br>Spiral to open turn to lock<br>Lock wire drilled TSO-C76a |
| <b>PLT-275AV</b><br><br>Flush Valve Fuel Plate              |  | <b>CCA-37000</b><br><br>1/2 N.P.T Brass<br>Inst. Lgth Body 1.075<br>Stem lgth. .925 W/3/8 Hose Nip.<br>Push to open turn to lock<br>Lock wire drilled TSO-C76a     | <b>CCA-39560</b><br><br>5/8 - 18 NF3A<br>Inst Lgth Body 1.050<br>Stem Lgth. .925 W/3/8 Hose Nip.<br>Spiral to open turn to lock<br>Lock wire drilled       |  |

**TORQUE SPECIFICATIONS**

| PIPE THREADS                      | STRAIGHT THREADS           | SPECIAL THREADS WITH CRUSH WASHERS  |
|-----------------------------------|----------------------------|-------------------------------------|
| 1/8 - 27 N.P.T. 40 - 45 In. Lbs   | 7/16 - 20 80 - 85 In. Lbs  | CCA - 2450 12MM1.75 60 - 70 In. Lbs |
| 1/4 - 18 N.P.T. 80 - 85 In. Lbs   | 3/8 - 24 80 - 85 In. Lbs   | CCA - 2460 1/2 - 20 60 - 70 In. Lbs |
| 3/8 - 18 N.P.T. 105 - 115 In. Lbs | 1/2 - 20 80 - 85 In. Lbs   | CCA - 2470 12MM1.75 60 - 70 In. Lbs |
| 1/2 - 14 N.P.T. 155 - 165 In. Lbs | 9/16 - 18 80 - 85 In. Lbs  | CCA - 2480 1/2 - 20 60 - 70 In. Lbs |
|                                   | 3/4 - 16 80 - 90 In. Lbs   |                                     |
|                                   | 5/8 - 18 100 - 115 In. Lbs |                                     |

**IMPORTANT VALVE INSTRUCTIONS**

Curtis Superior Valves do not use O-rings, we use a special flat molded seal, therefore can not be overhauled. If the valve is leaking clean the seal area and recheck for leakage, if the valve continues to leak replace the entire valve per the aircraft maintenance schedule. Curtis Valves have a life expectancy of 10 years under normal operating conditions.

**We recommend the following thread sealant:**

1. Pipe threads: 1/4" teflon tape, Permatex 80632 Thread Sealant, Loctite 592 PST Pipe Sealant
2. Straight Threads: Lubricating Oil

**FLUSH FUEL VALVES O.E.M. & MANUFACTURERS CROSS REFERENCE**

| Curtis Part No. | Auto Valve Part No. | Saf-Air Part No. | Cessna Part No.   | Piper Part No. | Cirrus Part No.     |
|-----------------|---------------------|------------------|-------------------|----------------|---------------------|
| CCA-2500        | F391-18 • F391-187B | SA-18 • SA-187   | S2106-3           | 491-806        |                     |
| CCA-2600        | F391-14             | SA-14            |                   |                |                     |
| CCA-2700        | F391-32             | SA-32            | S2106-1           |                |                     |
| CCA-2800        | F391-72             | SA-72            | S2106-2           |                |                     |
| CCA-2900        | F391-82             | SA-82            | S2020-2 • C100360 |                | 25038-001 • C100191 |

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