

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

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

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

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

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

**TORQUE SPECIFICATIONS**

PIPE THREADS	STRAIGHT THREADS	SPECIAL THREADS WITH CRUSH WASHERS
1/8 - 27 N.P.T. 40 - 45 In. Lbs	3/8 - 24 80 - 85 In. Lbs	CCA - 2450 12MM1.75 60 - 70 In. Lbs
1/4 - 18 N.P.T. 80 - 85 In. Lbs	7/16 - 20 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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