



Fuel Drain Valve Selection Table (continued from previous page)

Thread	Locking Type	Flush Mounted Type	Use Pin Type Cup	Open Action	Hose Adapter Size	Material	Approval Type and Conformity Notes	OEM	P/N and Notes	See Figure on pg 56	Alternate P/Ns	
3/8-24 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76 ⁸	Curtis	CCA-2000	1	46 CAV-180, 1100B52Z	
3/8-24 UNF		•	•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	SA32	115	CCA-2700, F391-32, S2106-1	
3/8-24 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2700	7	F391-32, S2106-1, SA-32	
3/8-24 UNF	•		•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	3750	1	13	
3/8-24 UNF	•		•	Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	3750H	1	14	
1/2-20 UNF		•	•	Push		Aluminum Anodized	FAA-PMA	SAF-AIR	SA5020		3651-00	
1/2-20 UNF		•	•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	SA82	15	121 C100360, CCA-2900, F391-82, S2020-1	
1/2-20 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2900	7	57 C100360, F391-82, S2020-2, SA-82	
1/2 NPT	•			Push		Brass, Unplated	FAA-TSO-C76 ¹¹	Curtis	CCA-1700	7	43	
1/2 NPT	•			Push	3/8"	Brass, Unplated	FAA-PMA ⁹	Curtis	CCB-37000	7	92	
1/2 NPT	•			Spiral		Brass, Unplated	FAA-TSO-C76 ¹¹	Curtis	CCA-1400	7	39	
5/8-18 UNF	•			Spiral		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-39550	7	65	
5/8-18 UNF	•			Spiral	3/8"	Brass, Unplated	None	12	Curtis	CCA-39560	7	66
3/4-16 UNF		•	•	Push		Aluminum Anodized	FAA-TSO-C76	SAF-AIR	F75	8	101	
3/4-16 UNF		•	•	Push		Aluminum Anodized	Experimental	Curtis	CCA-1200	New!	35 SA5817-4C, 710C-4	
3/4-16 UNF		•	•	Push		Aluminum Anodized	FAA-TSO-C76	SAF-AIR	SA5817-4C	4	118 CCA-1200, 710C-4	
3/4-16 UNF		•	•	Spiral		Aluminum Anodized		10	Curtis	CCB-36350-1	87	971D, 971D-1, F75
3/4-16 UNF	•	•	•	Push		Alodine/Aluminum	FAA-TSO-C76 ¹²	Curtis	CCB-36450		88	
3/4-16 UNF	•	•	•	Push		Aluminum Anodized		10	Curtis	CCB-36450-5	13	89
3/4-16 UNF	•	•	•	Push		Aluminum/Nylon	FAA-TSO-C76 ¹⁰	Curtis	CCB-37500	13	93	
3/4-16 UNF	•	•	•	Spiral		Aluminum Anodized		10	Curtis	CCA-7500	10/11	79
3/4-16 UNF	•	•	•	Spiral		Aluminum Anodized		10	Curtis	CCA-7500-1	10	80
3/4-16 UNF	•	•	•	Spiral		Aluminum Anodized		10	Curtis	CCA-7500-2	10/12	81
3/4-16 UNF	•	•	•	Spiral		Aluminum Anodized	None	12	Curtis	CCA-7600	12	83
3/4-16 UNF	•	•	•	Spiral		Aluminum Anodized		10	Curtis	CCA-7500-5	10	82
7/16-20 UNF				Push		Aluminum Anodized	FAA-TSO-C76	SAF-AIR	4350-6L	2	15	
7/16-20 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCB-4320	8	95 110B52Z-G, CAV-170	
7/16-20 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-5800-3	7	75 110B52Z-G, CAV-170	
7/16-20 UNF				Push		Anodized Aluminum	Experimental	Curtis	CCA-39680	New!	N/A SA5817-4C	
7/16-20 UNF				Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-5800-1	7	74 110B52Z-G, CAV-170	
7/16-20 UNF			•	Push		303 SS	Experimental	SAF-AIR	170SS		6	
7/16-20 UNF			•	Push	1/4"	303 SS	Experimental	SAF-AIR	170HSS		5	
7/16-20 UNF			•	Push		360 Brass	FAA-PMA	SAF-AIR	CAV-170	1	27 110B52ZG, CCA-4300, CCA-5800-1, CCA-5800-3, CCB-4320	
7/16-20 UNF				Push	1/4"	360 Brass	FAA-PMA	SAF-AIR	CAV-170H-4	1	28 BJ1000AHS-1	
7/16-20 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76 ⁸	Curtis	CCA-2100	1	47 CAV-170, 110B52ZG	
7/16-20 UNF		•	•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	SA535	15	117 F391-535	
7/16-20 UNF		•	•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	SA72		120 CCA-2800, F391-72, S2106-2	
7/16-20 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2800	7	56 F391-72, S2106-2, SA-72	
7/16-20 UNF	•	•	•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	4375	1	16 71D-4, BJ1000AS1M, CCA-4300, CCA-5800-1	
7/16-20 UNF	•	•	•	Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	4375H	1	17 BJ1000AHS1, CCA-5400	
7/16-20 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-4300	7	67 110B52Z-G, 4375, 71D-4, BJ1000AS1M, CAV-170, CCA-5800-1	
7/16-20 UNF	•			Spiral	1/4"	Brass, Cad Plate	FAA-TSO-C76 ⁹	Curtis	CCA-5400	7	73 4375H, BK1000AHS1	
9/16-18 UNF				Push		Alum. Anodized	Experimental	SAF-AIR	A5625		19	
9/16-18 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-31300	7	58	
9/16-18 UNF				Push		Alum. Anodized Red	FAA-TSO-C76 ⁸	Curtis	CCA-39500		64	
9/16-18 UNF				Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-36400	7	62	
9/16-18 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-4350	9	68	
9/16-18 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ¹¹	Curtis	CCA-6000	7	76	
M16x1.5		•	•	Push		360 Brass	Experimental	SAF-AIR	CAV-2165		31 Soccata TB-20	
M16x1.6		•	•	Push		360 Brass	Experimental	SAF-AIR	CAV-M165H5		32	

Part Notes:

- 1 Replacement O-rings: see tables to the right
- 2 Stem can be cut to length per the application
- 3 Used on bladder style wing tanks
- 4 Hose attaches to the valve with a 7/16-20 flare fitting
- 5 Can be used in highly corrosive applications such as salt water.
- 6 One arm stem with turn-to-lock action
- 7 Lock wire drilled
- 8 Button-style push action
- 9 With stem for turning action
- 10 With screwdriver slot
- 11 With screen over screwdriver slot and mounting hardware
- 12 With mounting hardware (washer & two nuts installed)
- 13 Meets lightning safety requirement Mil-C-38373, Paragraph 4.6.14
- 14 P/N SA18 has a hex size of 5/8". P/N SA187 has a hex size of 1/2".
- 15 Valve inlet is below the threads and O-ring seals against hex face. See fig. 117 on pg 56.

Conformity Notes:

- 1 Conforms to USAF Spec 28208
- 2 Conforms to USAF Spec 49F9798-49
- 3 Conforms to USAF Spec 28208 and 49F9798-49
- 4 Conforms to USAF Spec 28208 and 49F9798-50
- 5 Conforms to USAF Spec 28208 and 49F9798-51
- 6 Conforms to USAF Spec 28208, 49F9798-53 and MIL-V-25023
- 7 Conforms to USAF Spec 28208, 49F9798-52, MIL-V-25023 and MS29528-4
- 8 Conforms to USAF Spec 28208, 49F9798-53, MIL-V-25023 and MS29528-6
- 9 Conforms to USAF Spec 28208 and MIL-V-25023
- 10 Conforms to USAF Spec 28208 and MIL-V-25023
- 11 Conforms to USAF Spec 28208, MIL-V-25023 and MS29571
- 12 Conforms to USAF Spec 49F9798-53 and MIL-V-25023
- 13 For non-certified aircraft only

Curtis Fuel Sampling Cup with McFarlane Logo P/N MCCA-39680

- Stainless steel pin, and fuel resistant crystal 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. Pin diameter is 1/8".



Replacement Seals

SAF-AIR Seal Kits
Add "K" or "K" to the valve P/N to get the P/N for the applicable seal kit. Seal kits only applicable for SAF-AIR valves with note 1 above.



Fuel Valve P/N	Curtis Field Replaceable O-rings	P/N MS29513-007 Stem Seal O-ring	P/N MS29513-011 Mounting O-ring	P/N MS29513-012 Mounting O-ring
CCA-1800	•			
CCA-1900	•			
CCA-2000	•	•		
CCA-2100	•			•

PMA Products Seals for Curtis Valves



FAA-PMA Approved

Seal P/N	Valve P/N	Aircraft	Serial Number
CACCA1269	CCA-4850	B55	TC-1608 thru TC-2071
		E55	TE-938, TE-943 thru TE-1102
		58	TH-1 thru TH-2124
CACCA1319	CCA-3400	B55	TC-1608 and On
		E55	TE-938, TE-943 and On
		58	TH-1 thru TH-2124

Use with autogas not recommended. Manufactured by PMA Products Inc.

Part Number	ID	OD	Thickness
CACCA1269	.100	.280 - .285	.064 - .068
CACCA1319	.150	.350	.058

Dimensions are in inches

Flush Valve Fuel Plate

Supports applications where added stability is needed to mount a flush mount valve directly into a wet wing or fuel tank. CCB-36450-5 flush mounted fuel drain valve is included.

- 2 3/4" Overall Diameter
- 1 1/2" from mounting surface to bottom hole diameter



P/N	Description
PLT-275V	Flush Valve Fuel Plate without mounting holes. Includes CCB-36450-5 flush mounted drain valve. Non certified aircraft only.
PLT-275AV	Flush Valve Fuel Plate with mounting holes drilled. Includes CCB-36450-5 flush mounted drain valve. Non certified aircraft only.