

CHAMPION AIRCRAFT CORPORATION  
Osceola, Wisconsin

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SERVICE LETTER #28

SUBJECT: Installation Instructions and Parts List Kit 167 Cabin Heater

MODELS ELIGIBLE: All 7 series Champions equipped with Hanlon-Wilson mufflers.

PARTS REQUIRED:

1	4-972 Valve Assembly
1	3-985-8 Flexible Tubing
4	12" Wraplocks
1	4-874 Shroud Assembly
1	4-879 Left Front Baffle
11	3-985-8 Flexible Tubing
4	AN515-8-8 Screws
4	A814-832-1 Tinnerman Nuts
3	AN515-8-10 Screws
3" X 3"	.018 Aluminized Steel Sheet
10	S490 1/8" x 3/16" Steel Rivets
1	S51 Installation Print

INSTALLATION INSTRUCTIONS:

Remove top and bottom cowl.  
Remove left front cylinder baffle.  
Remove left heater shroud and connection flexible aluminum tubing.  
Disconnect heater control.  
Remove cabin heater valve box assembly.  
Cut out firewall per S51 drawing.  
Cover old cabin heater valve opening, as per S51 drawing.  
Install new parts as per S51 drawing.  
Shorten cabin heater control to fit new valve location.