

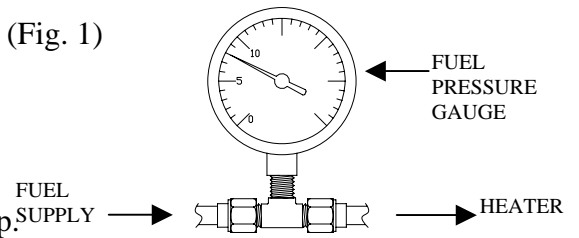


**HEATER OPERATIONAL TEST AFTER INSTALLATION**  
(Heater terminal strip numbered 4 5 6 7 8 10)

Read complete instructions before beginning

Please follow the followings steps after the new heater is completely installed in the aircraft.

1. Install a temperature probe (min 0-500° F) in the outlet plenum 6-8” aft of the heater. A good location would be approx. 6” aft of the heater or near the thermostat sensor
2. Place a jumper wire across the heater terminal strip numbers 7 and 8, which will bypass the aircraft thermostat. (Fig. 2)
3. Install the fuel pressure gauge (0-15). Tee into as shown. (Fig. 1)



**Figure 1**

4. With the heater running, verify fuel pressure. Preferred pressure is 8psi. (6.5psi min, 10psi max)
5. With the heater running, verify that the outlet plenum temp. is approx. 250°. Adjust the cycling switch if needed using a small straight slot screwdriver. Clock-wise to increase, counter-clock-wise to decrease temperature. (Fig. 3)
6. Remove the jumper wire and verify that the temperature is controlled by the aircraft thermostat from low (approx. 75° F) to medium to high (approx. 250° F) which is what the cycling switch is set at.
7. Remove the temperature probe sealing the hole with high temperature silicone.
8. Remove the fuel gauge installed in step 3. Leave the “tee” fitting and cap off for future pressure readings if desired.
9. Verify proper installation is completed in accordance with the aircraft maintenance manual.

For additional information see the “maintenance manual (MM10001)” included with this heater under “Testing after installation or overhaul.”

Figure 2

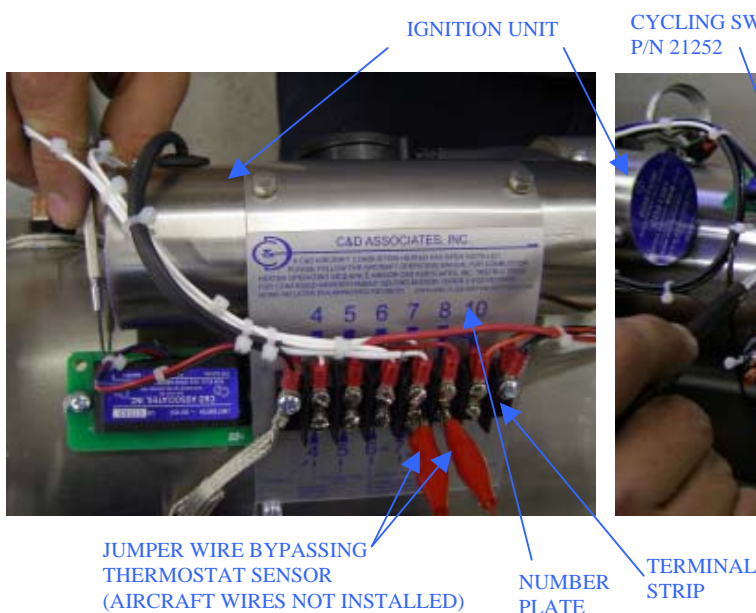


Figure 2

**302 POST ROAD, BUCHANAN, MI 49107 USA**

**PH: 269-695-7469 FX: 269-695-6004 WEB: [www.aircraftheater.com](http://www.aircraftheater.com) EMAIL: [sales@aircraftheater.com](mailto:sales@aircraftheater.com)**