

Using the Engine Pre-Heater

If you wish to utilize the preheater, you must first be checked out by a CFI.



STARTING-

1. Connect the battery terminal clamps to the battery--WATCH THE POLARITY: RED is +, Black is -
2. Throw the power switch to the ON position. You should hear the fan blowing.
3. Open the valve on the propane tank.
4. Press both the igniter and the fuel supply switch rods and hold for at least 30 seconds. You should hear the ignition and burning of fuel.
5. Let go of the two switches. If the flame goes out, repeat this step.
6. Position the flexible tube so that it is blowing hot air up through the nose wheel opening and leave it there for about 4 or 5 minutes.

STOPPING-

1. Shut off the propane tank supply.
2. Wait about 30 seconds and throw the power switch to the OFF position.
3. Disconnect the battery terminal clamps.
4. Move the unit away from the aircraft and secure.
5. Try starting the engine.

Warning: When the preheater is on, the aluminum tube can get very hot so you should always wear gloves when handling it. Also remember that this device has an open flame and you need to exercise caution around combustible materials.



Battery connections

Propane tank valve



Press the igniter (left) and the fuel supply button (right)

Power switch