

We have installed a remote controller for the Tanis Heater. This will allow you to start the Tanis heater prior to arrival at the hanger - from home or en route. The unit consists of a cell phone, sensor circuit board and high current relay. When you ring the cell phone (**705-220-0018**) the circuit board senses the light from the phone screen and turns the heater outlet on for exactly 1 hour and 3 minutes. You should allow the phone to ring at least 3 times – it will not answer.

To get more than 1 hour of operation, it is necessary to call again after the initial time has run out. For instance, if the outside temp at Borden is -8° C, and you need two hours of operation, call at 8:00 am then call again after 9:05 am. The first period will expire at 9:03 am, and the unit will be reset to start again. When you call at 9:05, a second hour of Tanis operation will start, and when you arrive at the hanger at 9:45 the Tanis heater will be operating, and the plane will be safely warmed up.

The system is very simple (read – inexpensive!) and therefore does not give feedback as to whether the heater is operating. When you get to the hanger, you can check the lights on the controller box, and on the airplane cowling. If the time is within 1 hour and 3 minutes of your last call, it should be operating.

The heater operating time table is:

Temperature	Minimum pre-heat
5° to 0° C	30 min
-1° to -5° C	1 hour
-6° to -10° C	2 hours
-11° to -15° C	2.5 hours
-16° to -20° C	3 hours

1. Operations not authorized when OAT at field elevation is less that -20°C.
2. Above guideline applies when using the insulated engine cover in no wind conditions (i.e. in the hangar).
3. Always ensure that the engine cover is in place before using the Tanis heater.
4. Double the times if A/C is parked outside.

From [www.tanisaircraft.com](http://www.tanisaircraft.com)

Before you leave the hanger, the following 4 steps will ensure that the system is setup for the next use:

1. Ensure that the Tanis Heater is plugged in to the duplex outlet on the outside of the controller enclosure, and into the plug on the Aircraft.
2. Press the black button for 3 seconds or call **705-220-0018** and ring 3 times - the Tanis Heater will start. .
3. Check that the Tanis Heater indicator light on the aircraft cowling is illuminated.
4. Press the red button for 3 seconds and the heater will stop.