

WHEN TO PREHEAT

Refer to your Pilot's Operating Handbook/Airplane Flight Manual and the engine manufacturers operation and technical manuals regarding cold weather starting and the use of internal engine preheat systems.

HOW LONG TO PREHEAT

The Tanis preheat system is designed to "heat soak" your engine to approximately 60 Degrees F over ambient in 5-6 hours. This is assuming that a Tanis insulated engine blanket is used to cover the cowling during preheat. Additional benefit will be found by installing an insulated prop cover. The insulated covers may also be used without the preheat system to keep the engine warm for up to 5 hours between flights.

Tanis systems are designed to the mass of the engine, will never overheat the engine, and do not need thermostatic control. Do not cycle the system on and off using timers or other devices.

Good Rules to Follow:

- Preheat the engine 4-5 hours before flight or overnight.
- The system can be left on continuously if the aircraft is flown regularly (once a week or so).
- Use an insulated engine and prop cover to increase efficiency of the preheat system.



Typical Engine and Prop Cover Combination