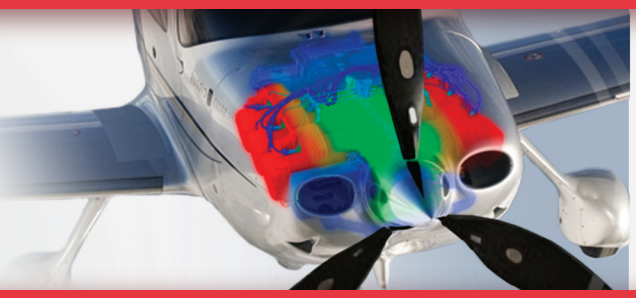
TANIS
AIRCRAFT PRODUCTS

The recognized world leader in *Aircraft Preheat Systems*

For 37 years, Tanis has been increasing the utility and safety of aircraft by applying heat to critical engine and drive line components prior to flight. Systems are available for a wide variety of piston and turbine engines for both fixed and rotary wing aircraft. Tanis systems are engineered for long life, safe operation, and are constructed of high quality aircraft grade components.

Complete aircraft and engine preheat systems for your piston, turbine or rotorwing aircraft...

PISTON PREHEAT *with Tanis*



Tanis offers the only complete aircraft and engine preheat system for piston-powered fixed wing aircraft. A Tanis preheat system will thoroughly and safely heat your engine's head assembly, oil and crankcase. A Tanis system will completely preheat your engine the way engine manufacturers recommend. Tanis systems are compatible with all engine analyzers.

TURBINE PREHEAT *with Tanis*

Tanis is the leading manufacturer of preheat systems for turbine-powered fixed wing aircraft. A Tanis preheat system will thoroughly and safely heat a turbine engine's reduction gearbox, accessory case, oil, and fuel control unit. Ask for details.

ROTORWING PREHEAT *with Tanis*

Tanis understands the particular needs of rotary wing aircraft operators. A Tanis preheat system will thoroughly and safely heat an engine's oil, sump, hydraulic reservoir, reduction gearbox, accessory case, fuel control unit, and tail rotor gearbox. Tanis uses the customer's operational profile to design preheat systems for rotary wing aircraft.

Tanis offers the most complete aircraft and engine preheat systems for piston, turbine and rotorwing aircraft. Other manufacturers may make this claim—*only Tanis can back it up.*

Tanis Aircraft Products • 14871 Pioneer Trail, Suite 200 • Eden Prairie, MN 55347
952-224-4425 • 1-800-443-2136 • www.TanisPreheat.com

TANIS
AIRCRAFT PRODUCTS

Technology and Innovation

Pete Tanis was the innovator in the field of cold weather aircraft operations. He was the architect, designer, and first to patent a piston engine preheater. Tanis Aircraft Products thoroughly understands temperature envelopes, flight conditions and increased demands of cold weather aircraft operations. A Tanis preheat system provides *Quicker Starts, Longer Engine Life, Less Fuel Consumption, and Overall Safer Operation.*

PISTON PREHEAT *with Tanis*

Piston preheat systems are available for the most widely used piston aircraft engines, including:

Continental Radials*	***Franklin Rotax***	***Jabiru SMA***	***Lycoming Thielert***

*Radial engines include: Jacobs, Lycoming, Pratt & Whitney, & others.

TURBINE PREHEAT *with Tanis*

Turbine preheat systems are available for all turbine powered aircraft, including:

Allison Lycoming	***Garrett Pratt & Whitney***	***GE Rolls-Royce***	***Honeywell Turbomeca***

ROTORWING PREHEAT *with Tanis*

Rotorwing preheat systems include:

Agusta Eurocopter Robinson	***Bell Hiller Rotorway***	***Brantley Kaman Schweizer***	***Enstrom MD/Hughes Sikorsky***

A Tanis preheat system uses a combination of engineered silicone sump elements, threaded sump elements, cylinder heaters and drive line components to thoroughly preheat every critical engine part. Individual components of a Tanis Preheat System are highly reliable and individually replaceable.

For the most complete preheat, Tanis offers accessory products, including:

Battery heaters Remote system starters	***Cabin and avionics heaters Insulated engine covers***	***Connectors and cables Propeller covers***	***Thermocouple replacements Canopy covers***

Tanis stands for the most technologically advanced systems for aircraft preheat.
A Tanis system is the only solution to provide heat to all critical engine components.
Call Tanis toll-free at 1-800-443-2136 to order a system for your aircraft.