

# THERMAWING™

## AIRCRAFT DEICING SYSTEM

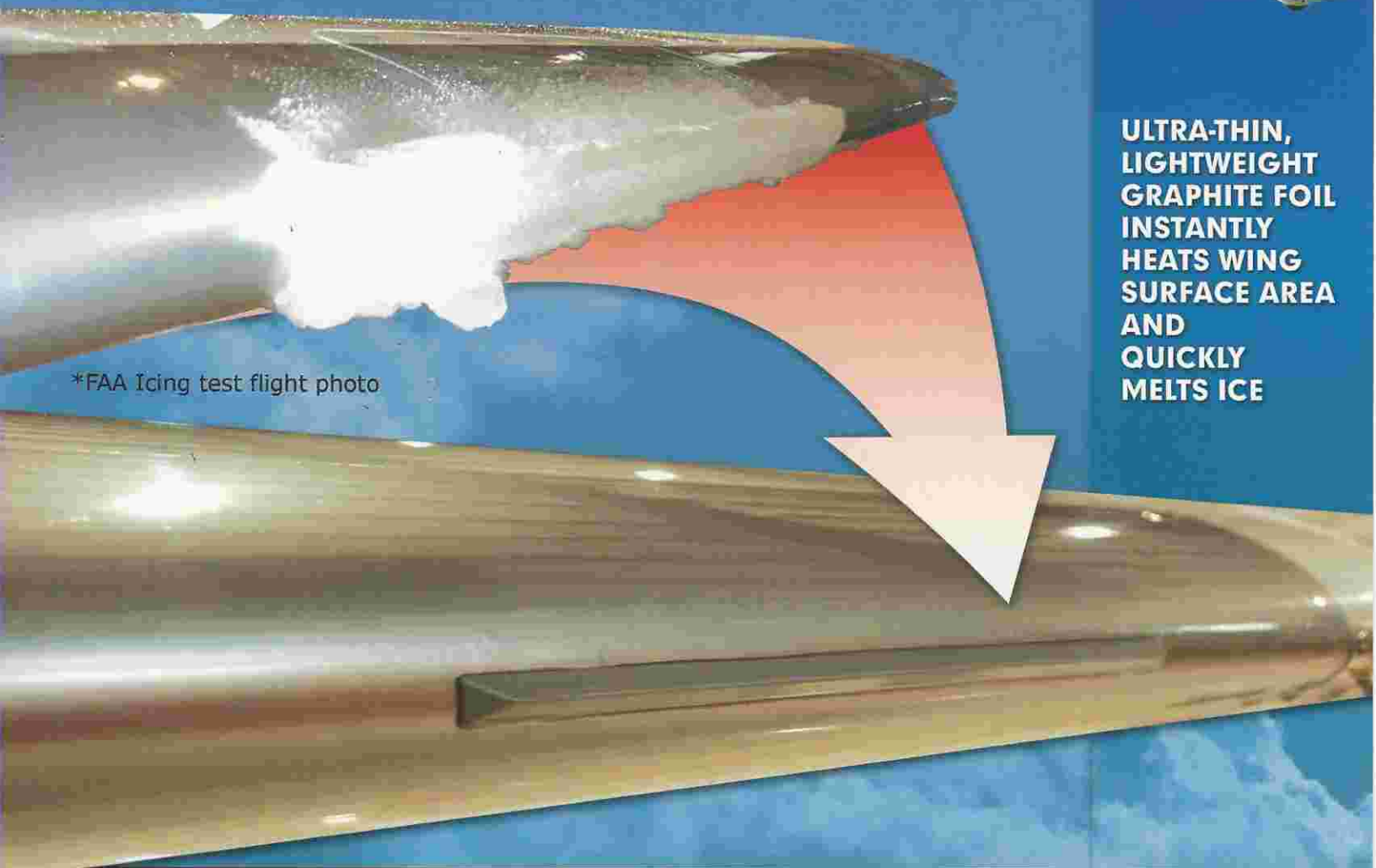
Available today, **ThermaWing™** by Kelly Aerospace, is the most advanced De-Icing system on the market. Technology usually limited to jets is now made available to the general aviation community and a proven solution to ice build-up.

*"Some of the most promising technology to ever come our way."*

- Kurt Blankenship, NASA

*"This reliable wing and tail deicing system allows pilots to safely fly through ice encounters..."*

- NASA, Spinoff 2007



\*FAA Icing test flight photo

**ULTRA-THIN,  
LIGHTWEIGHT  
GRAPHITE FOIL  
INSTANTLY  
HEATS WING  
SURFACE AREA  
AND  
QUICKLY  
MELTS ICE**

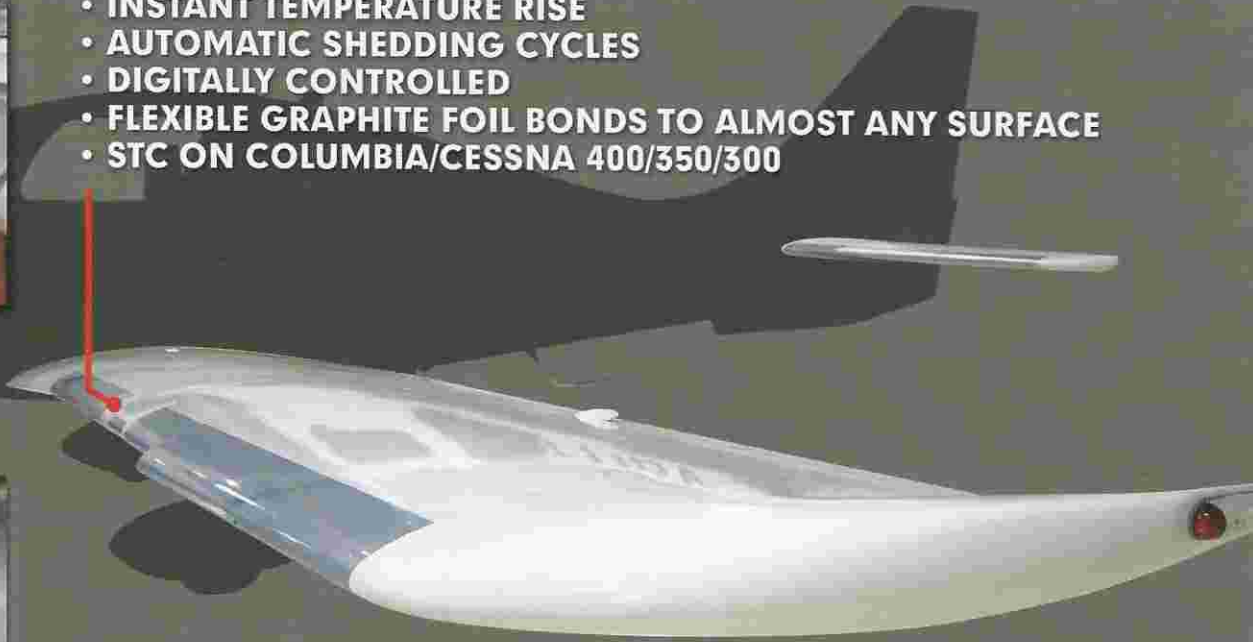
# THERMAWING™

## AIRCRAFT DEICING SYSTEM

- ULTRA-THIN LIGHTWEIGHT GRAPHITE
- PARTING STRIP & SHED ZONE VIRTUALLY ELIMINATES RUNBACK
- ALL ELECTRIC WITH NO WEeping CHEMICAL EMISSIONS
- INSTANT TEMPERATURE RISE
- AUTOMATIC SHEDDING CYCLES
- DIGITALLY CONTROLLED
- FLEXIBLE GRAPHITE FOIL BONDS TO ALMOST ANY SURFACE
- STC ON COLUMBIA/CESSNA 400/350/300



Prop De-Ice  
Available



ThermaWing™ is the choice for safety when dealing with ice hazard prevention. Through research, with NASA assistance, Kelly Aerospace Thermal Systems has developed the ThermaWing system; a **lightweight, easy-to-install, reliable deicing system.**

This new flexible, electrically conductive, graphite foil technology has none of the drawbacks or limited effectiveness of the boot or weeping wing. Instead of the chemical mess of liquid deicers and the added weight/performance drag of boots, the ThermaWing covers a large surface area without significant weight penalties and **instantly sheds ice.**

Once armed the ThermaWing system will activate at 41°F starting the deice cycle. An exact concentration of heat breaks the bond between the ice and heater surface during each cycle. Energy is controlled across the system so the leading edge and shed zones can be heated according to need.

For more information about: ThermaWing™  
Pricing, Installation, or General Questions please call

**(440) 951-4744** or email  
**thermawing@kellyaerospace.com**