

THE CESSNA TT^x NOW OFFERING FIKI



The Cessna TT^x can now be ordered with the optional Flight Into Known Icing (FIKI) TKS System. With this system, the Cessna TT^x can dispatch and enter a known icing environment, should such conditions be encountered. No ice protection system provides the same level of protection as the TKS weeping wing system. This proven system can provide up to 2 1/2 hours of complete protection to the airframe of your Cessna TT^x with virtually no tax to its performance. Should you encounter icing conditions, you're protected with the simple flip of a switch. You and your payload reach your destination safely and on-schedule.

- Complete airframe protection for up to 2 1/2 hours - wings, tail surfaces, propeller and windshield
- Improved dispatch
- Virtually no performance penalty
- Easy ON/OFF operation
- Low maintenance
- Proven System

EASE OF USE

Of significant advantage to the pilot is how easy the system is to use while flying the Cessna TT^x. Simply turn the system ON when icing is encountered and OFF when leaving icing conditions. No distractions—you stay focused on piloting your Cessna TT^x out of icing conditions.

While operating the system, the pilot can choose from three modes: Normal, High, and Max Flow. In Normal mode, a protective film of glycol prevents the formation of ice; in High or Max Flow modes, the continuous flow of glycol chemically breaks the ice bond. A backup mode is provided as a redundancy capability in the event the normal operation modes are rendered inoperable. In all modes, the system will eliminate run-back ice. Once activated, the system in normal mode can provide up to 2 1/2 hours of ice

protection with a full tank of ice protection fluid. The Intrinzic™ system provides continuous real-time monitoring through the Garmin G2000 displays. TKS fluid and time remaining, system status, and cautions & warnings are clearly and readily available to help the pilot manage the ice.

HOW IT WORKS

Laser drilled titanium panels are flush mounted on the leading edges of the wings and the horizontal and vertical stabilizers, while a slinger ring is installed on the propeller. The windscreen is protected by the installation of spray nozzles with dedicated pumps ensuring a clear view of the sky ahead.

A glycol-based fluid is exuded through the panels, ring and nozzles, flowing over these surfaces to keep the aircraft virtually ice free. The glycol-based fluid is metered

from a tank by two electrically driven pumps through a series of micro-filters to proportioning units. The proportioning units contain calibrated capillary tubes, which apportion fluid to the individual panels and the propeller slinger ring.

EASY TO MAINTAIN

Upkeep is minimal. As the system is used, it flushes away any accumulation of debris on the panels. Glycol, the main ingredient of the ice protection fluid, has cleaning properties and will not harm the paint finish of the Cessna TT^x.

VIRTUALLY NO LOSS IN PERFORMANCE

The TKS system adds significant anti-ice and de-ice capabilities to the Cessna TT^x, yet there is virtually no loss in performance as a result of the system's installation.

Even with TKS ice protection, one should always take immediate steps to exit an icing condition when encountered.

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