



## TKS<sup>®</sup> Ice Protection for Cessna 182

Tank Capacity:	5 US Gallons
Endurance:	2 hours in Normal Mode
System Weight Without Fluid:	40 pounds
System Weight With Fluid:	86 pounds
Power Consumption:	1.5 Amps @ 28 Volts during Normal Mode



**TKS protects  
critical flight surfaces**

**caviceprotection.com**  
**+1 913 738 5396**

**CW**  
**ICE PROTECTION**

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## How TKS Works

A glycol-based fluid exudes through laser-drilled titanium panels on the leading edges of the wings, horizontal stabilizers, lift struts, and a slinger ring which protects the propeller. The fluid flows over the protected surfaces and keeps the aircraft virtually ice-free.

Fluid is pumped from a tank by an electrically-driven metering pump through a microfilter to proportioning units. The proportioning units contain calibrated capillary tubes that divide the flow to the individual needs of the porous panels and the slinger ring.



**Anti-Ice and De-Ice System**



**Protects critical flight surfaces**



**Laser-drilled titanium panels  
800 holes per square inch**

TKS Ice Protection offers you more time to make crucial decisions if you encounter icing conditions. Even with TKS, one should always take immediate steps to exit icing conditions should they be encountered.



The effectiveness of the TKS Ice Protection concept has been recorded by NASA through extensive testing in the icing research tunnel at the Glen Research Center and other facilities.

**The Most  
Effective  
Ice Protection  
Ever.**



TKS Ice Protection is available for the Cessna 182P, Q, R, S and T models, normally aspirated, turbocharged and with retractable landing gear



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**ICE PROTECTION**