

## SERVICE NOTICE

**NUMBER:** SN-043

**REVISION:** 00

**DATE:** 11/11/2010

**SUBJECT:** KODIAK 100 CERTIFIED FOR FLIGHT INTO KNOWN ICING (FIKI)

**EFFECTIVITY:**

All KODIAK 100 Series Aircraft equipped with the optional TKS Ice Protection System.

**SUBJECT:**

The KODIAK 100 is now certified by the FAA for Flight into Known Icing (FIKI) when equipped with the optional TKS Ice Protection System.

**AIRCRAFT CONFIGURATIONS:**

KODIAK 100 serial numbers **100-0043 and on** may be configured at the factory with the optional TKS Ice Protection System if purchased with a new aircraft. For aircraft not delivered with the optional TKS Ice Protection System, a retrofit kit (**FSI-013**) can be purchased to install the optional TKS Ice Protection System. Contact Quest Customer Care for pricing and availability.

For aircraft delivered with a non-functional TKS Ice Protection System installed, complete the instructions in the next section of this Service Notice to activate the optional TKS Ice Protection System. Once activated, record this Service Notice number (**SN-043**) in the aircraft records.

**FAA APPROVED:**

The certification for Flight into Known Icing (FIKI) is approved by the FAA. The KODIAK 100 Type Certificate Data Sheet (TCDS) revision 13 (and above), reflects the new type design limitations for the KODIAK 100 TKS Ice Protection System. The KODIAK 100 TCDS can be found on the FAA's web site at [www.faa.gov](http://www.faa.gov).

**COMPLIANCE:**

In order for aircraft to be certified for Flight into Known Icing (FIKI), **FSI-013 (TKS Ice Protection System Retrofit)** must be installed. This retrofit can only be completed by Quest Aircraft Company. Once the retrofit is complete, record compliance to **FSI-013 (TKS Ice Protection System Retrofit)** and this Service Notice (**SN-043**) in the aircraft records.

Once the field modification and/or activation is complete, the KODAK POH/AFM (**Doc. Number: 100-000-904**) must have KODIAK POH/AFM Supplement 06 revision 01 (**KODIAK 100 TKS Ice Protection System Supplement**) inserted into the supplement section. Supplement 06 revision 01 includes all limitation and performance changes for the KODIAK 100 TKS Ice Protection System.

**PRICING AND AVAILABILITY:**

Contact Quest Customer Care for **FSI-013 (TKS Ice Protection System Retrofit)** pricing and availability.

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**LOG OF CHANGES**

Revision:	Date:	Description of Change:
00	11/11/2010	Initial Release

**BILL OF MATERIALS**  
**PARTS REQUIRED FOR ACTIVATION**

Part #:	QTY:	Name:	Notes:
100-830-1836-D01	1	FILLER CAP, CONSOLE TANKS, TKS	THE CAP IS ASSEMBLED BY QUEST AIRCRAFT COMPANY PER INTERNAL DRAWING 100-830-1900.
100-830-1837	1	VENT, CONSOLE TANK, TKS	
POH/AFM SUPPLEMENT 6	1	KODIAK TKS ICE PROTECTION SYSTEM SUPPLEMENT	

**TKS ICE PROTECTION SYSTEM ACTIVATION INSTRUCTIONS:**

For aircraft delivered with a non-functional TKS Ice Protection System installed, follow the procedure below to activate the TKS Ice Protection system.

1. Remove the circuit breaker collars and engage the following circuit breakers:
  1. **ICE PROT**
  2. **STBY ICE PROT**
2. Remove the Inoperative placard (**P/N 100-910-0094**) located below the TKS Ice Protection System switches.
3. Insert the POH/AFM Supplement 6 revision 01 (*KODIAK TKS Ice Protection System*) into the Basic POH/AFM.
4. Install new Console Tank Filler Cap:
  - a. Remove the current console Tank Filler Cap (**P/N 10610**).
  - b. Install the new Console Tank Filler Cap (**P/N 100-830-1836-D01** and **100-830-1837**)
  - c. Return (**P/N 10610**) to Quest Aircraft Company Customer Care.
5. Use and maintain the optional TKS Ice Protection System IAW the applicable KODIAK POH/AFM and KODIAK Maintenance Manual Procedures.

-----// END OF INSTRUCTIONS //-----