

Sektion 2. Utlandstillverkad flygmateriel

**TITEL:**                   Ändring av flyghandbok

**GÄLLER:**               Modellerna SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT,  
SA226-TC, SA227-AC, SA227-PC, SA227-BC, SA227-CC, SA227-DC  
alla S/N

**ÅTGÄRD:**               Utför åtgärder angivna i bifogad kopia av FAA-AD 2000-06-04

**TID FÖR ÅTGÄRD:**   Inom 10 dagar räknat från 5 maj 2000

**UNDERLAG:**           FAA AD 2000-06-04

**REFERENS:**           FAA AD 2000-06-04

**BESLUTSDATUM:**   2000-04-13

**LFS**                    **2000:40**

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.

Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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## AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION  
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U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

*AD's are posted on the internet at <http://av-info.faa.gov>*

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

**2000-06-04 FAIRCHILD AIRCRAFT CORPORATION.:** Amendment 39-11644; Docket No. 99-CE-52-AD.

(a) What airplanes are affected by this AD?: Models SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT, SA226-TC, SA227-AC, SA227-PC, SA227-BC, SA227-CC, SA227-DC airplanes, all serial numbers, that are:

- (1) Equipped with pneumatic deicing boots; and
- (2) Certificated in any category.

(b) Who must comply with this AD?: Anyone who wishes to operate any of the above airplanes on the U.S. Register. The AD does not apply to your airplane if it is not equipped with pneumatic de-icing boots.

(c) What problem does this AD address?: The information necessary to activate the pneumatic wing and tail deicing boots at the first signs of ice accumulation is critical for flight in icing conditions. If we did not take action to include this information, flight crews could experience reduced controllability of the aircraft due to adverse aerodynamic effects of ice adhering to the airplane prior to the first deicing cycle.

(d) What must I do to address this problem?: To address this problem, you must revise the Limitations Section of the FAA-approved Airplane Flight Manual (AFM) to include the following requirements for activation of the ice protection systems: You must accomplish this action within the next 10 calendar days after the effective date of this AD, unless already accomplished. You may insert a copy of this AD in the AFM to accomplish this action:

“• Except for certain phases of flight where the AFM specifies that deicing boots should not be used (e.g., take-off, final approach, and landing), compliance with the following is required.

- Wing and Tail Leading Edge Pneumatic Deicing Boot System, if installed, must be activated:
  - At the first sign of ice formation anywhere on the aircraft, or upon annunciation from an ice detector system, whichever occurs first; and
  - The system must either be continued to be operated in the automatic cycling mode, if available; or the system must be manually cycled as needed to minimize the ice accretions on the airframe.
- The wing and tail leading edge pneumatic deicing boot system may be deactivated only after:
  - Leaving known or observed/detected icing that the flight crew has visually observed on the aircraft or was identified by the on-board sensors; and
  - After the airplane is determined to be clear of ice.”

NOTE: The FAA recommends periodic treatment of deicing boots with approved ice release agents, such as ICEX™, in accordance with the manufacturer's application instructions.

(e) Can the pilot accomplish the action?: Yes. Anyone who holds at least a private pilot certificate, as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7), may incorporate the AFM revisions required by this AD. You must make an entry into the aircraft records that shows compliance with this AD, in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).

(f) Can I comply with this AD in any other way?: Yes.

- (1) You may use an alternative method of compliance or adjust the compliance time if:
  - (i) Your alternative method of compliance provides an equivalent level of safety; and
  - (ii) The Manager, Small Airplane Directorate, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager.

(2) This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (f)(1) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

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(g) Where can I get information about any already-approved alternative methods of compliance?: Contact the Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4121; facsimile: (816) 329-4091.

(h) What if I need to fly the airplane to another location to comply with this AD?: The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(i) When does this amendment become effective?: This amendment becomes effective on May 5, 2000.

**FOR FURTHER INFORMATION CONTACT:**

Mr. John P. Dow, Sr., Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 506, Kansas City, Missouri 64106; telephone: (816) 329-4121; facsimile: (816) 329-4090.

Issued in Kansas City, Missouri, on March 10, 2000.

Michael Gallagher, Manager, Small Airplane Directorate, Aircraft Certification Service.

U.S. Department  
of Transportation

**Federal Aviation  
Administration**

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