

Sektion 2. Utlandstillverkad flygmateriel

**TITEL:** Modifiering av elsystemet

**GÄLLER:**

Modell	S/N
SA226-T, SA226-AT, SA226-TC och SA226-T(B)	Alla
SA227-AC, SA227-AT, SA227-BC och SA227-TT	420 t o m 783 och 785 t o m 789
SA227-CC och SA227-DC	784 och 790 t o m 883

**ÅTGÄRD:** Utför åtgärder angivna i bifogad kopia av FAA AD 95-17-09 R1.

**TID FÖR  
ÅTGÄRD:** Inom 2000 flygtimmar räknat från detta LVD's utgivningsdatum.

**UNDERLAG:** FAA AD 95-17-09 R1 och där angivna Service Bulletiner.

**REFERENS:** FAA AD 95-17-09 R1.

**BESLUTS-  
DATUM:** 1996-04-19

**LFS: 1996:29**

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarende 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 senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.



# REVISED AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION  
P.O. BOX 26460  
OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, 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 FAR Subpart 39.3).

## Revision issued March 1996.

**95-17-09 R1 FAIRCHILD AIRCRAFT:** Amendment 39-9550; Docket No. 95-CE-13-AD. Revises AD 95-17-09, Amendment 39-9339.

Applicability: The following model and serial number airplanes, certificated in any category, that utilize a direct current (DC) generator:

Models	Serial Numbers
SA226-T, SA226-AT, SA226-TC, and SA226-T(B)	All
SA227-AC, SA227-AT, SA227-BC, and SA227-TT	420 through 783, and 785 through 789
SA227-CC and SA227-DC	784, and 790 through 883

NOTE 1: 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 (c) 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 the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required within the next 2,000 hours time-in-service after the effective date of this AD, unless already accomplished (compliance with AD 95-17-09).

To prevent failure of the left hand (LH) and right hand (RH) essential bus when engine failure results in a blown generator current limiter, which could result in loss of airplane electrical power, accomplish the following:

(a) Relocate the LH and RH essential bus current limiters (225 amp) to the battery bus (main bus tie) in accordance with Fairchild Aircraft Engineering Kit Drawing 27K82376, "Current Limiter Rebusing Kit," as referenced in the following service bulletins (SB):

SB	Date	Models Affected
226-24-034	September 29, 1994	All affected SA226 models
227-24-015	September 29, 1994	SA227-AC, SA227-AT, SA227-BC, and SA227-TT
CC7-24-002	September 29, 1994	SA227-CC and SA227-DC

(b) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

(c) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Fort Worth Airplane Certification Office (ACO), FAA, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0150. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Fort Worth ACO.

(d) Alternative methods of compliance approved for AD 95-17-09 are approved as alternative methods of compliance for this AD.

NOTE 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Fort Worth ACO.

(e) The modification required by this AD shall be done in accordance with Fairchild Aircraft Engineering Kit Drawing 27K82376, "Current Limiter Rebusing Kit," as referenced in Fairchild Aircraft Service Bulletins 226-24-034, 227-24-015, and CC7-24-002, all Issued: September 29, 1994. This incorporation by reference was previously approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Fairchild Aircraft, P.O. Box 790490, San Antonio, Texas 78279-0490. Copies may be inspected at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., 7th Floor, suite 700, Washington, DC.

(f) This amendment (39-9950) revises AD 95-17-09, Amendment 39-9339.

(g) This amendment becomes effective on May 13, 1996.

**FOR FURTHER INFORMATION CONTACT:**

Ms. Ingrid D. Knox, Aerospace Engineer, FAA, Airplane Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0150; telephone (817) 222-5190; facsimile (817) 222-5960.