
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Modifiering av parkeringsbromssystem

GÄLLER: SA226 och SA227 med modeller och S/N angivna i bifogad kopia av FAA AD 2000-17-01.

ÅTGÄRD:

- a) Utför åtgärder i enlighet med tillämpliga delar av Fairchild Aircraft Service Bulletin (SB) nr 227-32-017 och SB 226-32-049 båda daterade 14 november 1984 och;
- b) Flygplan utrustade med B. F. Goodrich bromsar P/N2-1203, 2-1203-1, och 2-1203-3 utför åtgärder i enlighet med B.F. Goodrich Service Letter nr 1498 daterad 26 oktober 1989

TID FÖR ÅTGÄRD: Inom tider angivna i FAA AD 2000-17-01 räknat från 22 oktober 2000.

UNDERLAG: Fairchild Service Bulletin (SB) nr 227-32-017 och SB 226-32-049 båda daterade 14 november 1984 eller senare utgåvor.
B.F. Goodrich Service Letter nr 1498 daterad 26 oktober 1989 eller senare utgåva.

REFERENS: FAA AD 2000-17-01

BESLUTSDATUM: 2000-09-11

LFS: 2000:107

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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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).

2000-17-01 FAIRCHILD AIRCRAFT, INC.: Amendment 39-11874; Docket No. 99-CE-62-AD; Supersedes AD 92-01-02, Amendment 39-8125.

(a) **What airplanes are affected by this AD?** The following airplane models and serial numbers, certificated in any category.

Model

SA226-T
SA226-T(B)
SA226-AT
SA226-TC
SA227-TT
SA227-AT
SA227-AC

Serial Numbers

T201 through T275, and T277 thru T291
T(B) 276 and T(B) 292 through T(B) 417
AT001 through AT074
TC201 through TC419
TT421 through TT555
AT423 through AT599
AC406, AC415, AC416, and AC420 through AC599

(b) **Who must comply with this AD?** Anyone who wishes to operate any of the above airplanes on the U.S. Register must comply with this AD.

(c) **What problem does this AD address?** The actions specified by this AD are intended to prevent wheel brake system malfunctions that could result in a fire in the brake area.

(d) **What actions must I accomplish to address this problem?** To address this problem, you must accomplish the following:

| Action | Compliance Time | Procedures |
|--|---|---|
| (1) Modification: For all affected airplanes, modify the parking brake system. | Within 90 calendar days after January 16, 1992 (the effective date of AD 92-01-02). | The instructions included in either Fairchild Service Bulletin (SB) 227-32-017 or Fairchild SB 226-32-049, both Issued: November 14, 1984, as applicable |
| (2) Initial Inspection: For all affected airplanes equipped with a B.F. Goodrich landing gear brake assembly, part number 2-1203, 2-1203-1, 2-1203-3, or an FAA-approved equivalent part number, inspect and conduct measurements of the brake wear and clearance limits. | Required at the times that follow: (i) For any installed B.F. Goodrich landing gear brake assembly, P/N 2-1203-3 (or FAA-approved equivalent part number): Within 100 hours time-in-service (TIS) after January 16, 1992 ((the effective date of AD 92-01-02)). (ii) For any installed B.F. Goodrich landing gear brake assembly, P/N 2-1203 or 2-1203-1 (or FAA-approved equivalent part number): Within the next 100 hours TIS after October 6, 2000 (the effective date of this AD). | Use the procedures in B.F. Goodrich No. 1498, Issued: October 26, 1989. The wear and maximum clearance limits specified in this AD take precedence over those specified in the service information. |

2 2000-17-01

| Action | Compliance Time | Procedures |
|--|--|--|
| | (iii) For any B.F. Goodrich landing gear brake assembly, P/N 2-1203, 2-1203-1, or 2-1203-3 (or FAA-approved equivalent part number), that is installed after October 6, 2000 (the effective date of this AD): Within 250 hours TIS after installation. | |
| (3) Overhaul or Replacement: For all affected airplanes equipped with a B.F. Goodrich landing gear brake assembly, part number 2-1203, 2-1203-1, 2-1203-3, or an FAA-approved equivalent part number, if wear measure is found that exceeds the maximum allowable clearance (0.250-inch (6.35 millimeter), overhaul or replace the landing gear brake assembly. | Prior to further flight after the inspection where the wear or maximum clearance is exceeded. | The instructions included in the applicable maintenance manual. |
| (4) Repetitive Inspections: For all affected airplanes equipped with a B.F. Goodrich landing gear brake assembly, part number 2-1203, 2-1203-1, 2-1203-3, or an FAA-approved equivalent part number, repetitively inspect and conduct measurements of the brake wear and clearance limits. | (i) If the clearance is .200 inches or more, but is less than .250 inches: inspect at 75-hour TIS intervals until the clearance is .250 inches or more at which time replacement is required. (ii) If clearance is found that is less than .200 inches: inspect at 250-hour TIS intervals until the clearance is .200 inches or more. | Use the procedures in B.F. Goodrich Service Bulletin No. 1498, Issued: October 26, 1989. The wear and maximum clearance limits specified in this AD take precedence over those specified in the service information. |

(e) **Can I comply with this AD in any other way?**

(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, Fort Worth Airplane Certification Office, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager.

(2) Alternative methods of compliance approved in accordance with AD 92-01-02, which is superseded by this AD, are approved as alternative methods of compliance with this AD.

Note: This AD applies to each airplane identified in paragraph (a) of this AD, 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 (e) 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.

(f) **Where can I get information about any already-approved alternative methods of compliance?** Contact the Fort Worth Airplane Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0150; telephone: (817) 222-5133; facsimile: (817) 222-5960.

(g) **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.

(h) **Are any service bulletins incorporated into this AD by reference?** Actions required by this AD must be done in accordance with B.F. Goodrich Service Bulletin No. 1498, Issued: October 26, 1989; and Fairchild Service Bulletin 227-32-017 or Fairchild Service Bulletin 226-32-049, both Issued: November 14, 1984. The Director of the Federal Register previously approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51, as of January 16, 1992 (56 FR 65826: December 19, 1991). You can get copies from Fairchild Aircraft, Inc., P.O. Box 790490, San Antonio, Texas 78279-0490; and B.F. Goodrich Aircraft Wheels and Brakes, P.O. Box 340, Troy, Ohio 45373. You can look at copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(i) **Does this AD action affect any existing AD actions?** This amendment supersedes AD 92-01-02, Amendment 39-8125.

(j) **When does this amendment become effective ?** This amendment becomes effective on October 6, 2000.

FOR FURTHER INFORMATION CONTACT: Werner Koch, Aerospace Engineer, FAA, Airplane Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0150; telephone: (817) 222-5133; facsimile: (817) 222-5960.

Issued in Kansas City, Missouri, on August 11, 2000.

Marvin R. Nuss, Acting Manager, Small Airplane Directorate, Aircraft Certification Service.