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Sektion 2. Utlandstillverkad flygmateriel

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**TITEL:** Byte av bromsventil och bränsleslang samt installation av värmesköld för hydraulrör.

**GÄLLER:** Fairchild Aircraft Inc. SA226 och SA227 modeller och serienummer enligt bifogad kopia av Federal Aviation Administration AD 2002-08-02.

**ÅTGÄRD:** Utför åtgärder enligt bifogad kopia av Federal Aviation Administration AD 2002-08-02.

**TID FÖR ÅTGÄRD:** Tider och Intervall enligt Federal Aviation Administration AD 2002-08-02.

**UNDERLAG:** Fairchild Aircraft Inc. Service Bulletin No. 226-26-003.  
Fairchild Aircraft Inc. Service Bulletin No. 227-26-002.

**REFERENS:** FAA AD 2002-08-02

**BESLUTSDATUM:** 29 april 2002

**LFS** 2002:56

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

Aircraft Certification Service  
Washington, DC



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

*We post ADs on the internet at "[www.airweb.faa.gov/rgl](http://www.airweb.faa.gov/rgl)"*

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).

***Corrected Copy:** The wording in the last sentence of the Procedures column of paragraph (d)(1), the entire paragraph of the compliance column of paragraph (d)(3), and the first sentence of the Procedures column of paragraph (d)(3) of this AD are incorrect in the Federal Register and on the Government Printing Office (GPO) website. The FAA has requested a correction be made to both the Federal Register and GPO website. We have made the appropriate correction in this mailing.*

**2002-08-02 Fairchild Aircraft, Inc.:** Amendment 39-12709; Docket No. 2001-CE-47-AD;  
Supersedes AD 2001-20-14, Amendment 39-12462.

(a) *What airplanes are affected by this AD?* This AD affects the following airplane models and serial numbers that are certificated in any category:

**(1) Group 1.—Fairchild Aircraft Inc. Airplanes Retained From AD 2001-20-14**

Model	Serial Numbers
SA226-AT	AT001 through AT074.
SA226-T	T201 through T291, except T276.
SA226-T(B)	T(B) 276 and T(B) 292 through T(B) 417.
SA226-TC	TC201 through TC419.
SA227-AC	AC406, AC415, AC416, and AC420 through AC599.
SA227-AT	AT421, AT423 through AT631, and AT695.
SA227-TT	TT421 through TT555.
SA227-TT(300)	TT447, TT465, TT471, TT483, TT512, TT518, TT521, TT527, TT529, and 536.

**(2) Group 2.—Fairchild Aircraft, Inc. Airplanes Added to the Applicability of this AD (not included in AD 2001-20-14)**

Model	Serial Numbers
SA227-AC	AC600 through AC789

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD. This AD applies to any airplane identified in paragraph (a) of this AD with or without an anti-skid/power brake system installed.

(c) *What problem does this AD address?* The actions specified by this AD are intended to correct potential brake shuttle valve problems, which could cause the brake assembly to drag and overheat. Hydraulic or fuel line damage could then occur if the overheated brake assembly is retracted into the main wheel well, with a consequent fire if the hydraulic or fuel lines ruptured.

(d) *What actions must I accomplish to address this problem for Group 1 airplanes?* To address this problem for Group 1 airplanes, you must accomplish the following:

Actions	Compliance	Procedures
(1) For all affected airplanes, except those equipped with an anti-skid/power brake system, replace each brake shuttle valve with part number (P/N) MS28767-4 brake shuttle valve (or FAA-approved equivalent part number).	Within 500 hours time-in-service (TIS) after November 21, 2001 (the effective date of AD 2001-20-14), or within 6 months after or November 21, 2001 (the effective date of AD 2001-20-14), whichever occurs later, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Fairchild Aircraft Service Bulletin No. 226-26-003 or Fairchild Aircraft Service Bulletin No. 227-26-002, as applicable. Effective pages, revision levels, and dates of the service bulletins are specified in paragraph (i) of this AD.
(2) For all affected airplanes, install a shield over the hydraulic lines.	Within 500 hours time-in-service (TIS) after November 21, 2001 (the effective date of AD 2001-20-14), or within 6 months after November 21, 2001 (the effective date of AD 2001-20-14), whichever occurs later, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Fairchild Aircraft Service Bulletin No. 226-26-003 or Fairchild Aircraft Service Bulletin No. 227-26-002, as applicable. Effective pages, revision levels, and dates of the service bulletins are specified in paragraph (i) of this AD.
(3) For all airplane models within the SA226 series, replace the rubber fuel hose with a metal device.	Within 500 hours time-in-service (TIS) after November 21, 2001 (the effective date of AD 2001-20-14), or within 6 months after November 21, 2001 (the effective date of AD 2001-20-14), whichever occur later, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Fairchild Aircraft Service Bulletin No. 226-26-003. Effective pages, revision levels, and dates of the service bulletin is specified in paragraph (i) of this AD.
(4) Do not install any brake shuttle valve that is not a P/N MS28767-4 brake shuttle valve (or FAA-approved equivalent part number) or a fuel hose that is made out of rubber.	As of November 21, 2001 (the effective date of AD 2001-20-14).	Not Applicable.

(e) *What actions must I accomplish to address this problem for Group 2 airplanes?* To address this problem for Group 2 airplanes, you must accomplish the following:

Actions	Compliance	Procedures
(1) For all affected airplanes except those equipped with an anti-skid/power brake system, replace each brake shuttle valve with part number (P/N) MS28767-4 brake shuttle valve (or FAA-approved equivalent part number).	Within 500 hours time-in-service (TIS) after June 6, 2002 (the effective date of this AD) or within 6 months after June 6, 2002 (the effective date of this AD), whichever occurs later, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Fairchild Aircraft Service Bulletin No. 227-26-002. Effective pages, revision levels, and dates of the service bulletin is specified in paragraph (i) of this AD.
(2) For all affected airplanes, install a shield over the hydraulic lines.	Within 500 hours time-in-service (TIS) after June 6, 2002 (the effective date of this AD) or within 6 months after June 6, 2002 (the effective date of this AD), whichever occurs later, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Fairchild Aircraft Service Bulletin No. 227-26-002. Effective pages, revision levels, and dates of the service bulletin is specified in paragraph (i) of this AD.
(3) Do not install any brake shuttle valve that is not a P/N MS28767-4 brake shuttle valve (or FAA-approved equivalent part number) or a fuel hose that is made out of rubber.	As of June 6, 2002 (the effective date of this AD).	Not Applicable.

*(f) 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 (ACO), approves your alternative.

Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Fort Worth ACO.

(2) Alternative methods of compliance approved in accordance with AD 2001-20-14, 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 (f) 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.

*(g) Where can I get information about any already-approved alternative methods of compliance?*

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.

(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) *Are any service bulletins incorporated into this AD by reference?*

(1) Actions required by this AD must be done in accordance with the following:

(i) Fairchild Service Bulletin No. 226-26-003, which incorporates the following pages:

Pages	Date
16	Issued: March 1, 2000.
14, 15	Issued: March 1, 2000, Revised: June 27, 2000.
17	Issued: March 1, 2000, Revised: October 2, 2000.
4, 5, 6, 7, 10, 11, 12, and 13	Issued: March 1, 2000, Revised: January 19, 2001.
1, 2, 3, 8, and 9	Issued: March 1, 2000, Revised: August 10, 2001.

and

(ii) Fairchild Service Bulletin No. 227-26-002, which incorporates the following pages:

Pages	Date
1, 2, 8, and 9	Issued: March 1, 2000.
7	Issued: March 1, 2000, Revised: June 27, 2000.
3, 4, 5, and 6	Issued: March 1, 2000, Revised: October 2, 2000.

(2) 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 November 21, 2001 (66 FR 52020, October 12, 2001).

(3) You may get copies from Fairchild Aircraft, Inc., P.O. Box 790490, San Antonio, Texas 78279-0490. You may view 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.

(j) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 2001-20-14, Amendment 39-12462.

(k) *When does this amendment become effective?* This amendment becomes effective on June 6, 2002.

Issued in Kansas City, Missouri, on April 8, 2002.

James E. Jackson,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 02-9574 Filed 4-18-02; 8:45 am]

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