

DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2010-0516; Directorate Identifier 2009-NM-251-AD]

RIN 2120-AA64

Airworthiness Directives; Fokker Services B.V. Model F.28 Mark 0070 and 0100 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

When preparing for landing, the flight crew of a F28 Mark 0100 (Fokker 100) aeroplane observed a main landing gear (MLG) unsafe indication after landing gear down selection. * * * [T]he right (RH) MLG was partly extended and the left (LH) MLG door was open but without the MLG being extended. * * *

Subsequent investigation revealed that the cause of the MLG extension problem was the (partially) blocked hydraulic return line from the MLG selector valve by pieces of hard plastic. These were identified as parts of the poppet seat of PBSOV [parking brake shut-off valve] Part Number (P/N) 70379. * * *

This condition, if not detected and corrected, could lead to further events where the MLG fails to extend, possibly resulting in loss of control of the aeroplane during landing.

* * * * *

The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by July 2, 2010.

ADDRESSES: You may send comments by any of the following methods:

- **Federal eRulemaking Portal:** Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- **Fax:** (202) 493-2251.
- **Mail:** U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.
- **Hand Delivery:** U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-40, 1200 New Jersey Avenue, SE.,

Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 231, 2150 AE Nieuw-Vennep, the Netherlands; telephone +31 (0)252-627-350; fax +31 (0)252-627-211; e-mail technicalservices.fokkerservices@stork.com; Internet <http://www.myfokkerfleet.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425-227-1221.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (telephone (800) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1137; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2010-0516; Directorate Identifier 2009-NM-251-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We have lengthened the 30-day comment period for proposed ADs that address MCAI originated by aviation authorities of other countries to provide adequate time for interested parties to submit comments. The comment period for these proposed ADs is now typically 45 days, which is consistent with the comment period for domestic transport ADs.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2009-0220, dated October 14, 2009 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

When preparing for landing, the flight crew of a F28 Mark 0100 (Fokker 100) aeroplane observed a main landing gear (MLG) unsafe indication after landing gear down selection. The approach was aborted and the landing gear unsafe procedure was accomplished. As this did not produce the desired effect, a low pass was performed and the control tower confirmed that the right (RH) MLG was partly extended and the left (LH) MLG door was open but without the MLG being extended. Eventually the aeroplane landed with partly extended landing gear, without resulting in serious injuries to the occupants.

Subsequent investigation revealed that the cause of the MLG extension problem was the (partially) blocked hydraulic return line from the MLG selector valve by pieces of hard plastic. These were identified as parts of the poppet seat of PBSOV [parking brake shut-off valve] Part Number (P/N) 70379. The PBSOV installed on the incident aeroplane was a modified version of P/N 70379, identified by suffix "A" behind the serial number on the identification plate. This modification was introduced by Eaton, the valve manufacturer, with Eaton Service Bulletin (SB) 70379-32-01 and includes replacement of the original poppet with clamped hard plastic seat by an improved poppet assembly with screwed-on seat. When the affected valve was opened, it was confirmed that it contained the improved poppet assembly. The poppet seat fragments found in the return system therefore originated from a previously installed (pre SB 70379-32-01) P/N 70379 PBSOV and must have been present in the return/pressure line prior to installation of the modified PBSOV.

This condition, if not detected and corrected, could lead to further events where the MLG fails to extend, possibly resulting in loss of control of the aeroplane during landing.

For the reasons described above, this AD requires the [detailed] inspection of the associated hydraulic lines, irrespective what type PBSOV is installed, removal of contamination in the system, if any, and replacement of each unmodified PBSOV with a modified unit. This AD also prohibits, after installation of a modified PBSOV on an aeroplane, re-installation of an unmodified PBSOV on that aeroplane.

You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

Fokker Services B.V. has issued Service Bulletin SBF100–32–159, dated October 6, 2009. Eaton Aerospace has issued Service Bulletin 70379–32–01, dated September 15, 2001. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA's Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have proposed different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are highlighted in a NOTE within the proposed AD.

Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 6 products of U.S. registry. We also estimate that it would take about 4 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$85 per work-hour. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$2,040, or \$340 per product.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new AD:

Fokker Services B.V.: Docket No. FAA–2010–0516; Directorate Identifier 2009–NM–251–AD.

Comments Due Date

- (a) We must receive comments by July 2, 2010.

Affected ADs

- (b) None.

Applicability

- (c) This AD applies to Fokker Services B.V. Model F.28 Mark 0070 and 0100 airplanes, certificated in any category, all serial numbers.

Subject

- (d) Air Transport Association (ATA) of America Code 32: Landing Gear.

Reason

- (e) The mandatory continuing airworthiness information (MCAI) states:

When preparing for landing, the flight crew of a F28 Mark 0100 (Fokker 100) aeroplane observed a main landing gear (MLG) unsafe indication after landing gear down selection.
* * * [T]he right (RH) MLG was partly extended and the left (LH) MLG door was open but without the MLG being extended.
* * *

Subsequent investigation revealed that the cause of the MLG extension problem was the (partially) blocked hydraulic return line from the MLG selector valve by pieces of hard plastic. These were identified as parts of the poppet seat of PBSOV [parking brake shut-off valve] Part Number (P/N) 70379. * * *

This condition, if not detected and corrected, could lead to further events where the MLG fails to extend, possibly resulting in loss of control of the aeroplane during landing.

* * * * *

Compliance

- (f) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Actions

- (g) Do the following actions.

(1) Within 30 days after the effective date of this AD, do a detailed inspection of the hydraulic lines associated with the PBSOV for contamination in the system (the presence of pieces of material from the poppet seat of an unmodified PBSOV having P/N 70379). If any contamination is found, before further flight, remove the contamination, in accordance with Part 1 of the Accomplishment Instructions of Fokker Service Bulletin SBF100–32–159, dated October 6, 2009.

(2) Within 18 months after the effective date of this AD, re-inspect the hydraulic lines and do all applicable corrective actions as required by paragraph (g)(1) of this AD, and replace the unmodified PBSOV having P/N 70379, with a modified PBSOV having P/N 70379 having the suffix "A" behind the serial number on the identification plate, in accordance with Part 2 of the Accomplishment Instructions of Fokker Service Bulletin SBF100–32–159, dated October 6, 2009.

- (3) After accomplishing paragraph (g)(2) of this AD, do not install any unmodified

PBSOV having P/N 70379, unless the PBSOV having P/N 70379 has been modified, having the suffix "A" behind the serial number on the identification plate, in accordance with the Accomplishment Instructions of Eaton Service Bulletin 70379-32-01, dated September 15, 2001.

FAA AD Differences

Note 1: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(h) The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1137; fax (425) 227-1149. Before using any approved AMOC on any airplane to which the AMOC applies, notify your principal maintenance inspector (PMI) or principal avionics inspector (PAI), as appropriate, or lacking a principal inspector, your local Flight Standards District Office. The AMOC approval letter must specifically reference this AD.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(i) Refer to MCAI European Aviation Safety Agency Airworthiness Directive 2009-0220, dated October 14, 2009; Fokker Service Bulletin SBF100-32-159, dated October 6, 2009; and Eaton Service Bulletin 70379-32-01, dated September 15, 2001; for related information.

Issued in Renton, Washington, on May 7, 2010.

Ali Bahrami,

Manager, Transport Airplane Directorate,
Aircraft Certification Service.

[FR Doc. 2010-11890 Filed 5-17-10; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2010-0386; Airspace
Docket No. 10-AWA-1]

RIN 2120-AA66

Proposed Revocation of Class C Airspace, Proposed Establishment of Class D Airspace, and Proposed Modification of Class E Airspace; Columbus, GA

AGENCY: Federal Aviation
Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking
(NPRM).

SUMMARY: This action proposes to revoke the Columbus, GA, Class C airspace area; establish Class D airspace area to replace the Class C airspace area; and amend the existing Class E surface area and 700-foot Class E airspace at Columbus, GA. The FAA is proposing this action because Columbus Metropolitan Airport no longer meets the criteria required to qualify for a Class C airspace designation. Reconfiguring the area would enhance safety and facilitate more efficient use of airspace within the National Airspace System.

DATES: Comments must be received on or before July 19, 2010.

ADDRESSES: Send comments on this proposal to the U.S. Department of Transportation, Docket Operations, M-30, 1200 New Jersey Avenue, SE., West Building Ground Floor, Room W12-140, Washington, DC 20590-0001; telephone: (202) 366-9826. You must identify FAA Docket No. FAA-2010-0386 and Airspace Docket No. 10-AWA-1, at the beginning of your comments. You may also submit comments through the Internet at <http://www.regulations.gov>

FOR FURTHER INFORMATION CONTACT: Paul Gallant, Airspace and Rules Group, Office of System Operations Airspace and AIM, Federal Aviation Administration, 800 Independence Avenue, SW., Washington, DC 20591; telephone: (202) 267-8783.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested parties are invited to participate in this proposed rulemaking by submitting such written data, views, or arguments as they may desire. Comments that provide the factual basis supporting the views and suggestions presented are particularly helpful in developing reasoned regulatory

decisions on the proposal. Comments are specifically invited on the overall regulatory, aeronautical, economic, environmental, and energy-related aspects of the proposal.

Communications should identify both docket numbers (FAA Docket No. FAA-2010-0386 and Airspace Docket No. 10-AWA-1) and be submitted in triplicate to the Docket Management Facility (*see ADDRESSES* section for address and phone number). You may also submit comments through the Internet at <http://www.regulations.gov>

Commenters wishing the FAA to acknowledge receipt of their comments on this action must submit with those comments a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Nos. FAA-2010-0386 and Airspace Docket No. 10-AWA-1." The postcard will be date/time stamped and returned to the commenter.

All communications received on or before the specified closing date for comments will be considered before taking action on the proposed rule. The proposal contained in this action may be changed in light of comments received. All comments submitted will be available for examination in the public docket both before and after the closing date for comments. A report summarizing each substantive public contact with FAA personnel concerned with this rulemaking will be filed in the docket.

Availability of NPRMs

An electronic copy of this document may be downloaded through the Internet at <http://www.regulations.gov>. Recently published rulemaking documents can also be accessed through the FAA's web page at http://www.faa.gov/regulations_policies/rulemaking/recently_published/.

You may review the public docket containing the proposal, any comments received and any final disposition in person in the Dockets Office (*see ADDRESSES* section for address and phone number) between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. An informal docket may also be examined during normal business hours at the office of the Eastern Service Center, Federal Aviation Administration, Room 210, 1701 Columbia Ave., College Park, GA 30337.

Persons interested in being placed on a mailing list for future NPRMs should contact the FAA's Office of Rulemaking, (202) 267-9677, for a copy of Advisory Circular No. 11-2A, Notice of Proposed Rulemaking Distribution System, which describes the application procedure.