

| Actions   | Compliance                                      | Procedures      |
|---|---|-----------------|
| (7) As a terminating action for the repetitive inspections required by this AD, all vented lift struts (P/Ns A-A815, A-A854, and FAA-approved equivalent P/Ns) may be replaced with sealed lift struts (P/Ns MA-A815, UA-A815 (for Models BC12-D/D1 and BCS12-D/D1 only), MA-A854, UA-854 (for Models BC12-D/D1 and BCS12-D/D1 only), or FAA-approved equivalent P/Ns). | At any time after the effective date of this AD | Not applicable. |

#### Alternative Methods of Compliance (AMOCs)

(f) The Manager, Fort Worth Airplane Certification Office, 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: Andrew McAnaul, Aerospace Engineer, ASW-150 (c/o MIDO-43), 10100 Reunion Place, Suite 650, San Antonio, Texas 78216; telephone: (210) 308-3365; fax: (210) 308-3370. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(g) AMOCs approved for AD 2007-16-14 are approved for this AD.

#### Related Information

(h) To get copies of the service information referenced in this AD, contact Taylorcraft Aviation, LLC, 2124 North Central Avenue, Brownsville, Texas 78521; telephone: 956-986-0700. To view the AD docket, go to U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590, or on the Internet at <http://www.regulations.gov>.

Issued in Kansas City, Missouri, on December 3, 2007.

**John R. Colomy,**

*Acting Manager, Small Airplane Directorate, Aircraft Certification Service.*

[FR Doc. E7-23860 Filed 12-7-07; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2007-0298; Directorate Identifier 2007-NM-238-AD]

**RIN 2120-AA64**

#### Airworthiness Directives; Saab Model SAAB SF340A and Model SAAB 340B 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:

Subsequent to accidents involving Fuel Tank System explosions in flight \* \* \* and on ground, the FAA has published Special Federal Aviation Regulation 88 (SFAR88) \* \* \* [which] required \* \* \* [conducting] a design review against explosion risks.

The unsafe condition is the potential of ignition sources inside fuel tanks, which, in combination with flammable fuel vapors, could result in fuel tank explosions and consequent loss of the airplane. 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 January 9, 2008.

**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.

#### 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:

Shahram Daneshmandi, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1112; 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-2007-0298; Directorate Identifier 2007-NM-238-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 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 2007-0168, dated June 15, 2007 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

Subsequent to accidents involving Fuel Tank System explosions in flight \* \* \* and on ground, the FAA has published Special Federal Aviation Regulation 88 (SFAR88) in June 2001.

In their Letters referenced 04/00/02/07/01-L296 dated March 4, 2002 and 04/00/02/07/03-L024, dated February 3, 2003, the JAA recommended the application of a similar regulation to the National Aviation Authorities (NAA).

Under this regulation, all holders of type certificates for passenger transport aircraft with either a passenger capacity of 30 or more, or a payload capacity of 7,500 pounds (3402 kg) or more, which have received their certification since January 1, 1958, are required to conduct a design review against explosion risks.

This Airworthiness Directive (AD), which renders mandatory the modification [2762] of improving the sealing of Fuel Access Doors, is a consequence of the design review.

The unsafe condition is the potential of ignition sources inside fuel tanks, which, in combination with flammable fuel vapors, could result in fuel tank explosions and consequent loss of the airplane. Modification 2762 includes removing the fuel tank access doors and the old type of clamp rings and gaskets, installing new, improved clamp rings and re-installing the fuel tank access doors, and doing related investigative and applicable corrective actions. Related investigative and applicable corrective actions include inspecting for corrosion of the wing skin panel, access door areas, and access doors; removing any corrosion found during the inspection; and replacing the access door protection plate with a new protection plate. Corrosion removal also includes inspecting the doubler flange and contacting Saab and doing repairs if the doubler flange thickness does not meet minimum specifications. Additional corrective actions include replacing conductive foil on the access door with an aluminum panel. You may obtain further information by examining the MCAI in the AD docket.

The FAA has examined the underlying safety issues involved in fuel tank explosions on several large transport airplanes, including the adequacy of existing regulations, the service history of airplanes subject to those regulations, and existing maintenance practices for fuel tank systems. As a result of those findings, we issued a regulation titled "Transport Airplane Fuel Tank System Design Review, Flammability Reduction and Maintenance and Inspection Requirements" (66 FR 23086, May 7, 2001). In addition to new airworthiness standards for transport airplanes and new maintenance requirements, this rule included Special Federal Aviation Regulation No. 88 ("SFAR 88," Amendment 21-78, and subsequent Amendments 21-82 and 21-83).

Among other actions, SFAR 88 requires certain type design (i.e., type certificate (TC) and supplemental type certificate (STC)) holders to substantiate that their fuel tank systems can prevent ignition sources in the fuel tanks. This requirement applies to type design

holders for large turbine-powered transport airplanes and for subsequent modifications to those airplanes. It requires them to perform design reviews and to develop design changes and maintenance procedures if their designs do not meet the new fuel tank safety standards. As explained in the preamble to the rule, we intended to adopt airworthiness directives to mandate any changes found necessary to address unsafe conditions identified as a result of these reviews.

In evaluating these design reviews, we have established four criteria intended to define the unsafe conditions associated with fuel tank systems that require corrective actions. The percentage of operating time during which fuel tanks are exposed to flammable conditions is one of these criteria. The other three criteria address the failure types under evaluation: single failures, single failures in combination with a latent condition(s), and in-service failure experience. For all four criteria, the evaluations included consideration of previous actions taken that may mitigate the need for further action.

The Joint Aviation Authorities (JAA) has issued a regulation that is similar to SFAR 88. (The JAA is an associated body of the European Civil Aviation Conference (ECAC) representing the civil aviation regulatory authorities of a number of European States who have agreed to co-operate in developing and implementing common safety regulatory standards and procedures.) Under this regulation, the JAA stated that all members of the ECAC that hold type certificates for transport category airplanes are required to conduct a design review against explosion risks.

We have determined that the actions identified in this AD are necessary to reduce the potential of ignition sources inside fuel tanks, which, in combination with flammable fuel vapors, could result in fuel tank explosions and consequent loss of the airplane.

#### Relevant Service Information

Saab has issued Service Bulletin 340-57-031, Revision 02, dated September 28, 2005; and Service Bulletin 340-57-010, dated March 28, 1989. 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 168 products of U.S. registry. We also estimate that it would take about 20 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$80 per work-hour. Required parts would cost about \$417 per product. Where the service information lists required parts costs that are covered under warranty, we have assumed that there will be no charge for these costs. As we do not control warranty coverage for affected parties, some parties may incur costs higher than estimated here. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be about \$338,856, or about \$2,017 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, 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:

**Saab Aircraft AB:** Docket No. FAA-2007-0298; Directorate Identifier 2007-NM-238-AD.

#### Comments Due Date

(a) We must receive comments by January 9, 2008.

#### Affected ADs

(b) None.

#### Applicability

(c) This AD applies to Saab Model SAAB SF340A and Model SAAB 340B airplanes,

certificated in any category, serial numbers 004 through 401.

#### Subject

(d) Air Transport Association (ATA) of America Code 57: Wings.

#### Reason

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

Subsequent to accidents involving Fuel Tank System explosions in flight \* \* \* and on ground, the FAA has published Special Federal Aviation Regulation 88 (SFAR88) in June 2001.

In their Letters referenced 04/00/02/07/01-L296 dated March 4, 2002 and 04/00/02/07/03-L024, dated February 3, 2003, the JAA recommended the application of a similar regulation to the National Aviation Authorities (NAA).

Under this regulation, all holders of type certificates for passenger transport aircraft with either a passenger capacity of 30 or more, or a payload capacity of 7,500 pounds (3402 kg) or more, which have received their certification since January 1, 1958, are required to conduct a design review against explosion risks.

This Airworthiness Directive (AD), which renders mandatory the modification [2762] of improving the sealing of Fuel Access Doors, is a consequence of the design review.

The unsafe condition is the potential of ignition sources inside fuel tanks, which, in combination with flammable fuel vapors, could result in fuel tank explosions and consequent loss of the airplane. Modification 2762 includes removing the fuel tank access doors and the old type of clamp rings and gaskets, installing new, improved clamp rings and re-installing the fuel tank access doors, and doing related investigative and applicable corrective actions. Related investigative and applicable corrective actions include inspecting for corrosion of the wing skin panel, access door areas, and access doors; removing any corrosion found during the inspection; and replacing the access door protection plate with a new protection plate. Corrosion removal also includes inspecting the doubler flange and contacting Saab and doing repairs if the doubler flange thickness does not meet minimum specifications. Additional corrective actions include replacing conductive foil on the access door with an aluminum panel.

#### Actions and Compliance

(f) Within 72 months after the effective date of this AD, unless already done, do the actions described in paragraphs (f)(1) and (f)(2) of this AD.

(1) Do modification 2762 and all related investigative actions and applicable corrective actions, in accordance with the Accomplishment Instructions of Saab Service Bulletin 340-57-031, Revision 02, dated September 28, 2005. Do all applicable related investigative and corrective actions before further flight. Actions done before the effective date of this AD in accordance with the Accomplishment Instructions of Service Bulletin 340-57-031, dated September 4, 1996; or Revision 01, dated June 28, 1999; are

considered acceptable for compliance with the requirements of this paragraph.

(2) For airplanes identified in Saab Service Bulletin 340-57-010, dated March 28, 1989, do the additional corrective actions described in and in accordance with the Accomplishment Instructions of that service bulletin.

#### FAA AD Differences

**Note 1:** This AD differs from the MCAI and/or service information as follows: The MCAI does not require doing the actions of Saab Service Bulletin 340-57-010, which is specified in Saab Service Bulletin 340-57-031, Revision 02, as the appropriate source of service information for doing additional corrective actions for certain airplanes to completely address the unsafe condition. This AD requires accomplishing the additional corrective actions described in Service Bulletin 340-57-010 for certain airplanes.

#### Other FAA AD Provisions

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

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM-116, 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: Shahram Daneshmandi, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1112; fax (425) 227-1149. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(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, the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

#### Related Information

(h) Refer to MCAI EASA Airworthiness Directive 2007-0168, dated June 15, 2007; Saab Service Bulletin 340-57-031, Revision 02, dated September 28, 2005; and Saab Service Bulletin 340-57-010, dated March 28, 1989; for related information.

Issued in Renton, Washington, on November 30, 2007.

**Stephen P. Boyd,**

Assistant Manager, Transport Airplane Directorate, Aircraft Certification Service.  
[FR Doc. E7-23870 Filed 12-7-07; 8:45 am]

**BILLING CODE 4910-13-P**