



interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2000-NM-96-AD." The postcard will be date stamped and returned to the commenter.

#### Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2000-NM-96-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

#### Discussion

The Direction Generale de l'Aviation Civile (DGAC), which is the airworthiness authority for France, notified the FAA that an unsafe condition may exist on certain Airbus Model A300 and A300-600 series airplanes. The DGAC advises that maintenance personnel found a chafed harness (cable) in the outer wing fuel tank. The harness is routed to the surge tank high-level sensor. Investigation revealed that clipping and routing of the cable (wiring) coupled with excessive slack of the cable between the "P" clips allows the cable to chafe against the support canister for the magnetic level indicator. Such chafing, if not corrected, could result in a short circuit and consequent fuel ignition source inside the outer wing fuel tank.

#### Explanation of Relevant Service Information

The manufacturer has issued Airbus Service Bulletins A300-28-0077 (for Model A300 series airplanes), and A300-28-6062 (for Model A300-600 series airplanes), each dated July 19, 1999. These service bulletins describe procedures for repetitive inspections to detect chafing and the existence of repairs of the harness of the high-level sensor of the fuel surge tanks, and to detect chafe marks on the support canisters of the magnetic level indicators; and follow-on corrective actions, if necessary. The follow-on corrective actions involve removing original repairs, if necessary, and accomplishing a splice repair and installing sleeves to the inner and outer cable coverings. The service bulletins categorize the repairs as either temporary or permanent depending upon the location of the repair and

whether certain previous repairs were accomplished. In addition, the follow-on corrective actions include a repetitive visual inspection of the harness to ensure the integrity of the repair. This inspection would be performed if certain conditions (e.g., any temporary repairs) exist.

The manufacturer also has issued Airbus Service Bulletins A300-28-0058, Revision 02 (for Model A300 series airplanes), and A300-28-6020, Revision 01 (for Model A300-600 series airplanes), each dated September 28, 1999. These service bulletins describe procedures for modification of the harness for the high-level sensor in the outer wing fuel tanks. The modification involves re-routing the cables and installing longer cleats and reversing the "P" clips that support the cables. This modification will prevent the cables from sagging and ensure adequate clearance between the cables and the support canisters of the magnetic level indicators. Accomplishment of the modification eliminates the need for certain repetitive inspections of the harness of the high-level sensor of the fuel surge tanks. However, the modification does not eliminate the need for the 10,000-flight-hour detailed visual inspections specified in the follow-on corrective actions, following the accomplishment of any temporary repairs.

The DGAC classified Airbus Service Bulletins A300-28-0077 and A300-28-6062 as mandatory and issued French airworthiness directive 1999-404-293(B), dated October 6, 1999, in order to assure the continued airworthiness of these airplanes in France.

#### FAA's Conclusions

These airplane models are manufactured in France and are type certificated for operation in the United States under the provisions of § 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Pursuant to this bilateral airworthiness agreement, the DGAC has kept the FAA informed of the situation described above. The FAA has examined the findings of the DGAC, reviewed all available information, and determined that AD action is necessary for products of this type design that are certificated for operation in the United States.

#### Explanation of Requirements of Proposed Rule

Since an unsafe condition has been identified that is likely to exist or develop on other airplanes of the same type design registered in the United States, the proposed AD would require

repetitive inspections to detect chafing and the existence of repairs of the wire harnesses of the high-level sensors; and to detect chafe marks on the support canisters of the magnetic level indicators; and follow-on corrective actions, if necessary. This proposal also would require modification of the harness for the high-level sensor of the outer wing fuel tanks, which would terminate certain repetitive inspections. The actions would be required to be accomplished in accordance with the service bulletins described previously, except as discussed below.

#### Difference Between Proposed AD and Related Service Information

Operators should note that this AD proposes to mandate, within 18 months, the modification of the harness of the high-level sensor of the outer wing fuel tanks described in Airbus Service Bulletin A300-28-0058, Revision 02, or A300-28-6020, as terminating action for certain repetitive inspections. [Incorporation of the terminating action is optional in French airworthiness directive 1999-404-293(B).]

The FAA has determined that long-term continued operational safety will be better assured by design changes to remove the source of the problem, rather than by repetitive inspections. Long-term inspections may not provide the degree of safety assurance necessary for the transport airplane fleet. This, coupled with a better understanding of the human factors associated with numerous continual inspections, has led the FAA to consider placing less emphasis on inspections and more emphasis on design improvements. The proposed modification requirement is consistent with these conditions.

#### Cost Impact

The FAA estimates that 37 series airplanes of U.S. registry would be affected by this proposed AD, that it would take approximately 1 work hour per airplane to accomplish the proposed repetitive detailed visual inspections, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the proposed AD on U.S. operators is estimated to be \$2,220, or \$60 per airplane, per inspection cycle.

It would take approximately 1 work hour per airplane to accomplish the proposed modification, at an average labor rate of \$60 per work hour. Based on these figures, the cost impact of the proposed AD on U.S. operators is estimated to be \$2,220, or \$60 per airplane.

The cost impact figures discussed above are based on assumptions that no operator has yet accomplished any of

the proposed requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted.

### Regulatory Impact

The regulations proposed herein 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. Therefore, it is determined that this proposal would not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that 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) if promulgated, 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. A copy of the draft regulatory evaluation prepared for this action is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption ADDRESSES.

### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

### The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (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. Section 39.13 is amended by adding the following new airworthiness directive:

**Airbus Industrie:** Docket 2000-NM-96-AD.

**Applicability:** Model A300 and A300-600 series airplanes, certificated in any category; except those airplanes on which Airbus Modification 04489 has been installed during production.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been otherwise 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 (b) 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 as indicated, unless accomplished previously.

To prevent chafing of the wire harnesses of the high-level sensors, which could result in a short circuit and consequent fuel ignition source inside the outer wing fuel tanks, accomplish the following:

#### Detailed Visual Inspection

(a) Within 500 flight hours after the effective date of this AD, perform a detailed visual inspection to detect chafing and the existence of repairs of the harness (cable) of the high-level sensor of the fuel surge tanks, and to detect chafe marks on the support canisters of the magnetic level indicators; in accordance with Airbus Service Bulletin A300-28-0077 (for Model A300 series airplanes), or A300-28-6062 (for Model A300-600 series airplanes), each dated July 19, 1999, as applicable.

(1) For airplanes on which modification of the harness in accordance with the Airbus Service Bulletin A300-28-0058 (for Model A300 series airplanes), or A300-28-6020 (for Model A300-600 series airplanes), as applicable; has NOT been accomplished: Accomplish the requirements of paragraphs (a)(1)(i) and (a)(1)(ii) of this AD.

(i) Repeat the detailed visual inspection thereafter at intervals not to exceed 500 flight hours until the requirements of paragraph (a)(1)(ii) of this AD are accomplished. If any wire chafing, chafe mark, or existing repair is detected during any inspection, prior to further flight, determine the appropriate repair and/or condition of repair as specified in Inspection Table 1 of the Accomplishment Instructions of Airbus Service Bulletin A300-28-0077 or A300-28-6062, as applicable. At the times specified in Inspection Table I, accomplish corrective actions (e.g., temporary or permanent repairs and follow-on inspections and repairs), in accordance with the applicable service bulletin. If any discrepancy is found during any follow-on inspection, prior to further flight, repair the discrepancy in accordance with the applicable service bulletin.

(ii) Within 18 months after the effective date of this AD, modify the harness of the high-level sensor in the outer wing fuel tanks, in accordance with Airbus Service Bulletin A300-28-0058, Revision 02 (for Model A300 series airplanes), or A300-28-6020, Revision 01 (for Model A300-600 series airplanes); each dated September 28, 1999. Accomplishment of the modification terminates the 500-flight-hour repetitive inspection required by paragraph (a)(1) of this AD. However, if a temporary repair is installed, the 10,000-flight-hour detailed visual inspection specified in the follow-on corrective actions of Table 1 continues to be required by this AD.

(2) For airplanes on which modification of the harness in accordance with Airbus Service Bulletin A300-28-0058 (for Model A300 series airplanes), or A300-28-6020 (for Model A300-600 series airplanes); as applicable; HAS been accomplished: Accomplish the requirements of paragraph (a)(2)(i) or (a)(2)(ii), as applicable.

(i) If no wire chafing, chafe marks, or existing repairs are detected, no further action is required by this AD.

(ii) If any wire chafing, chafe mark, or existing repair is detected, prior to further flight, determine the appropriate repair and/or condition of repair as specified in Inspection Table 2 of the Accomplishment Instructions of Airbus Service Bulletin A300-28-0077 or A300-28-6062, as applicable. At the times specified in Inspection Table 2, accomplish corrective actions (e.g., temporary or permanent repairs and follow-on inspections), in accordance with the applicable service bulletin. If any discrepancy is found during any follow-on inspection, prior to further flight, repair the discrepancy in accordance with the applicable service bulletin.

**Note 2:** For the purposes of this AD, a detailed visual inspection is defined as: "An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirrors, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required."

**Note 3:** Modification accomplished prior to the effective date of this AD, in accordance with Airbus Service Bulletin A300-28-0058, dated December 15, 1988, Revision 01, dated October 1, 1991 (for Model A300 series airplanes), or A300-28-6020, dated December 15, 1988 (for Model A300-600 series airplanes), is considered acceptable for compliance with the action specified in paragraph (a)(1)(ii) of this AD.

#### Alternative Methods of Compliance

(b) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

**Note 4:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM-116.

#### Special Flight Permits

(c) Special flight permits may be issued in accordance with §§ 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.

**Note 5:** The subject of this AD is addressed in French airworthiness directive 1999-404-293(B), dated October 6, 1999.

Issued in Renton, Washington, on June 7, 2000.

**Donald L. Riggan,**

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

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 99-NM-354-AD]

RIN 2120-AA64

#### **Airworthiness Directives; Saab Model SAAB 340B and SAAB 2000 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Supplemental notice of proposed rulemaking; reopening of comment period.

**SUMMARY:** This document revises an earlier proposed airworthiness directive (AD), applicable to certain Saab Model SAAB 340B and SAAB 2000 series airplanes, that would have superseded an existing AD. That AD currently requires various inspections of fluorescent lamps and lampholders in the cabin area for discrepancies; corrections, if necessary; and reinspection of the lamps to ensure correct installation after replacement or reinstallation of the lamps or lampholders. The proposed AD would have added a requirement for replacement of the electronic light ballasts with improved ballasts, which would terminate the reinspections, and would have expanded the applicability of the existing AD. That proposal was prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. This new action revises the proposed rule to require a certain modification in accordance with revised procedures. The actions specified by this new proposed AD are intended to prevent electrical arcing between the fluorescent tube pins and the lampholders, which could burn the surrounding area and lead to smoke and fumes in the passenger compartment or lavatory area.

**DATES:** Comments must be received by July 10, 2000.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport

Airplane Directorate, ANM-114, Attention: Rules Docket No. 99-NM-354-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9:00 a.m. and 3:00 p.m., Monday through Friday, except Federal holidays. Comments may also be sent via the Internet using the following address: 9-anm-nprcomment@faa.gov. Comments sent via the Internet must contain "Docket No. 99-NM-354-AD" in the subject line and need not be submitted in triplicate.

The service information referenced in the proposed rule may be obtained from SAAB Aircraft AB, SAAB Aircraft Product Support, S-581.88, Linkoping, Sweden. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington.

**FOR FURTHER INFORMATION CONTACT:** Norman B. Martenson, Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-2110; fax (425) 227-1149.

#### **SUPPLEMENTARY INFORMATION:**

##### **Comments Invited**

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this notice may be changed in light of the comments received.

Submit comments using the following format:

- Organize comments issue-by-issue. For example, discuss a request to change the compliance time and a request to change the service bulletin reference as two separate issues.
- For each issue, state what specific change to the proposed AD is being requested.
- Include justification (*e.g.*, reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this

proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 99-NM-354-AD." The postcard will be date stamped and returned to the commenter.

#### **Availability of NPRMs**

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#### **Discussion**

A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to add an airworthiness directive (AD), applicable to certain Saab Model SAAB 340B and SAAB 2000 series airplanes, was published as a notice of proposed rulemaking (NPRM) in the **Federal Register** on March 27, 2000 (65 FR 16154). That NPRM proposed to supersede AD 97-13-06, amendment 39-10052 (62 FR 33545, June 20, 1997), which is applicable to certain Saab Model SAAB 340B and SAAB 2000 series airplanes. That NPRM would have continued to require the actions specified in AD 97-13-06. That NPRM would have added a requirement for replacement of the electronic light ballasts with improved ballasts, which would terminate the requirement for reinspections of the lamps. That NPRM would also have expanded the applicability of the existing AD to include additional Model SAAB 340B and SAAB 2000 series airplanes that are also subject to the identified unsafe condition. That NPRM was prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority, advising that a terminating modification is available, and that additional airplanes may be subject to fluorescent lampholder charring due to the incorrect installation of the lamps in their holders. That condition, if not corrected, could burn the surrounding area and lead to smoke and fumes in the passenger compartment or lavatory area.

#### **Actions Since Issuance of Previous Proposal**

Since the issuance of that NPRM, the FAA has been advised that Saab has issued Service Bulletin 340-33-049, Revision 01, dated November 15, 1999, and Revision 02, dated February 2, 2000. The original issue of this service