

Applicability: All Model SD3-60 SHERPA and SD3-SHERPA series airplanes; and Model SD3-30 series airplanes as listed in Shorts Service Bulletin SD330-35-1, dated February 25, 1999; certificated in any category.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, 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 (c) 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 the loss of oxygen from the aircraft oxygen system, accomplish the following:

Replacement

(a) Within 24 months after the effective date of this AD, replace oxygen system "O" rings, part number (P/N) MS28778, with improved wear-resistant "O" rings, P/N MS9068, in accordance with Shorts Service Bulletins SD360 Sherpa-35-2, dated February 25, 1999 (for Model SD3-60 Sherpa series airplanes); SD3 Sherpa-35-3, Revision 1, dated May 5, 1999 (for Model SD3 Sherpa series airplanes); and SD330-35-1, dated February 25, 1999 (for Model SD3-30 series airplanes); as applicable.

Spares

(b) As of the effective date of this AD, no person shall install an oxygen system "O" ring, P/N MS28778, on any airplane.

Alternative Methods of Compliance

(c) 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 2: 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

(d) Special flight permits may be issued in accordance with sections 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.

Incorporation by Reference

(e) The actions shall be done in accordance with Shorts Service Bulletin SD3-60 Sherpa-35-2, dated February 25, 1999; Shorts Service Bulletin SD3 Sherpa-35-3, Revision 1, dated May 5, 1999; or Shorts Service Bulletin SD330-35-1, dated February 25, 1999; as applicable. Shorts Service Bulletin SD3 Sherpa-35-3, Revision 1, dated May 5, 1999, contains the following list of effective pages:

Page No.	Revision level shown on page	Date shown on page
1, 4, 9, 10	1	May 5, 1999.
2, 3, 5-8, 11-14	Original	February 25, 1999.

This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Short Brothers, Airworthiness & Engineering Quality, P.O. Box 241, Airport Road, Belfast BT3 9DZ, Northern Ireland. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Note 3: The subject of this AD is addressed in British airworthiness directives 007-02-99 (for Model SD3-60 Sherpa series airplanes), 006-02-99 (for Model SD3 Sherpa series airplanes), and 008-02-99 (for Model SD3-30 series airplanes).

(f) This amendment becomes effective on February 29, 2000.

Issued in Renton, Washington, on January 14, 2000.

Donald L. Riggins,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 00-1502 Filed 1-24-00; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NM-09-AD; Amendment 39-11522; AD 2000-02-04]

RIN 2120-AA64

Airworthiness Directives; Airbus Model A300, A300-600, and A310 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule; request for comments.

SUMMARY: This amendment adopts a new airworthiness directive (AD) that is applicable to certain Airbus Model A300 and all Model A300-600 and A310 series airplanes. This action requires performing a pitch trim system test to detect any continuity defect in the autotrim function, and follow-on corrective actions, if necessary. This amendment is prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. The actions specified in this AD are intended to prevent a sudden change in pitch due to an out-of-trim condition combined with an autopilot disconnect, which could

result in reduced controllability of the airplane.

DATES: Effective February 9, 2000.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of February 9, 2000.

Comments for inclusion in the Rules Docket must be received on or before February 24, 2000.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2000-NM-09-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

The service information referenced in this AD may be obtained from Airbus Industrie, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

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: The Direction Generale de l'Aviation Civile (DGAC), which is the airworthiness authority for France, recently notified the FAA that an unsafe condition may exist on certain Airbus Model A300 and all Model A300-600 and A310 series airplanes. The DGAC advises that an Airbus Model A300-600 series airplane flew with autopilot 1 (AP 1), pitch trim 1 (PT 1), and pitch trim 2 (PT 2) engaged. When the flight crew engaged the vertical speed mode and selected a new vertical speed in order to change the flight level, the vertical speed of the airplane changed but did not remain at the speed that had been selected by the flight crew.

After landing, the maintenance team performed a test with the autopilot engaged in vertical speed mode. When the team selected a vertical speed, the flight director pitch bars and control columns moved, but the pitch trim wheels did not move. An open circuit was found in the connection between flight control computer 1 (FCC 1) and flight augmentation computer 1 (FAC 1). That connection is necessary to generate the autotrim function.

With the autopilot engaged in command (CMD), the FCC command (COM) and monitor (MON) lanes send signals to the FAC in order to ensure the autotrim function. When the FAC does not receive the FCC COM signal or the FCC MON signal, the autotrim function is inhibited, which results in an out-of-trim condition. If an autopilot disconnect occurs when the airplane is in an out-of-trim condition, this condition, if not corrected, could result in a sudden change in pitch and consequent reduced controllability of the airplane.

Explanation of Relevant Service Information

Airbus has issued All Operators Telexes (AOT) A300-22A0115 (for Model A300 series airplanes), A300-600-22A6042 (for Model A300-600 series airplanes), and A310-22A2053 (for Model A310 series airplanes), all dated December 23, 1999, which describe procedures for a pitch trim system test to detect any continuity defect, and follow-on corrective actions, if necessary. Corrective actions include repairing any discrepant wiring found in the pitch trim system. (The AOT's reference Aircraft Schematic Manual 22-27-00 as an additional source of service information for accomplishment of the repair.) The DGAC has classified these AOT's as mandatory and issued French airworthiness directive T2000-007-301(B), dated January 4, 2000, 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 section 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 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, this AD is being issued to prevent a sudden change in pitch due to an out-of-trim condition combined with an autopilot disconnect, which could result in reduced controllability of the airplane. This AD requires performing a pitch trim system test to detect any continuity defect in the autotrim function, and follow-on corrective actions, if necessary. The actions are required to be accomplished in accordance with the AOT's described previously.

Interim Action

This is considered to be interim action. The manufacturer has advised that it currently is developing additional actions that will positively address the unsafe condition addressed by this AD. Once these actions are developed, approved, and available, the FAA may consider additional rulemaking.

Determination of Rule's Effective Date

Since a situation exists that requires the immediate adoption of this regulation, it is found that notice and opportunity for prior public comment hereon are impracticable, and that good cause exists for making this amendment effective in less than 30 days.

Comments Invited

Although this action is in the form of a final rule that involves requirements affecting flight safety and, thus, was not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to comment on this 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 under the caption **ADDRESSES**. All communications received on or before the closing date for comments will be considered, and this rule may be amended in light of the comments received. Factual information that supports the commenter's ideas and suggestions is extremely helpful in evaluating the effectiveness of the AD action and determining whether additional rulemaking action would be needed.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the rule that might suggest a need to modify the 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 that summarizes each FAA-public contact concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this rule must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2000-NM-09-AD." The postcard will be date stamped and returned to the commenter.

Regulatory Impact

The regulations adopted herein will 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 final rule does not have federalism implications under Executive Order 13132.

The FAA has determined that this regulation is an emergency regulation that must be issued immediately to correct an unsafe condition in aircraft, and that it is not a "significant regulatory action" under Executive Order 12866. It has been determined further that this action involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979). If it is determined that this emergency regulation otherwise would be significant under DOT Regulatory Policies and Procedures, a final regulatory evaluation will be prepared and placed in the Rules Docket. A copy of it, if filed, may be obtained from the

Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends 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:

2000-02-04 Airbus Industrie: Amendment 39-11522. Docket 2000-NM-09-AD.

Applicability: Airbus Model A300 series airplanes, having manufacturer's serial number 159, 168, 188, 202, 205, 213, 299, or 302; and all Model A300-600 and A310 series airplanes; certificated in any category.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, 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 (c) 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 a sudden change in pitch due to an out-of-trim condition combined with an autopilot disconnect, which could result in reduced controllability of the airplane, accomplish the following:

Pitch Trim System Test

(a) Within 20 days after the effective date of this AD: Perform a pitch trim system test to detect any continuity defect in the autotrim function, in accordance with All Operators Telex (AOT) A300-22A0115 (for Model A300 series airplanes), A300-600-22A6042 (for Model A300-600 series airplanes), or A310-22A2053 (for Model A310 series airplanes), all dated December 23, 1999, as applicable.

(1) If no continuity defect is found, no further action is required by this paragraph.

Corrective Actions

(2) If any continuity defect is found, prior to further flight, accomplish the actions required by paragraphs (a)(2)(i) and (a)(2)(ii) of this AD, in accordance with the applicable AOT.

(i) Repair any discrepant wiring found in the pitch trim system.

(ii) Repeat the initial pitch trim system test required by paragraph (a) of this AD.

Note 2: All Operators Telexes (AOT) A300-22A0115, A300-600-22A6042, and A310-22A2053, all dated December 23, 1999, reference Aircraft Schematic Manual (ASM) 22-27-00 as an additional source of service information to accomplish the repair.

Reporting Requirement

(b) Within 10 days after accomplishing the pitch trim system test required by this AD, or within 10 days after the effective date of this AD, whichever occurs later: Submit a report of the inspection results (both positive and negative findings) to Airbus Customer Services, Engineering and Technical Support, Attention Mr. Vincent Frayssinet, AI/SE-E43; phone number 33 (0)5.62.11.04.96; Sita Code TLSBQ7X.

Alternative Methods of Compliance

(c) 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 3: 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

(d) Special flight permits may be issued in accordance with sections 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.

Incorporation by Reference

(e) The actions shall be done in accordance with Airbus All Operators Telex A300-22A0115, dated December 23, 1999; Airbus All Operators Telex A300-600-22A6042, dated December 23, 1999; or Airbus All Operators Telex A310-22A2053, dated December 23, 1999; as applicable. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Airbus Industrie, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Note 4: The subject of this AD is addressed in French airworthiness directive T2000-007-301(B), dated January 4, 2000.

(f) This amendment becomes effective on February 9, 2000.

Issued in Renton, Washington, on January 18, 2000.

Donald L. Riggan,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 00-1595 Filed 1-24-00; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 98-NM-351-AD; Amendment 39-11521; AD 2000-02-03]

RIN 2120-AA64

Airworthiness Directives; Boeing Model 737-300, -400, and -500 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to certain Boeing Model 737-300, -400 and -500 series airplanes, that requires replacement, with new parts, of the existing actuators or the rod ends on the existing actuators at wing leading edge slat positions 1, 2, 5, and 6. This amendment is prompted by reports indicating that the rod ends on several leading edge slat actuators have fractured. The actions specified by this AD are intended to prevent fatigue cracking of the rod ends of the leading edge slat actuators, which could result in uncommanded deployment of the wing leading edge slat and consequent reduced controllability of the airplane.

DATES: Effective February 29, 2000.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of February 29, 2000.

ADDRESSES: The service information referenced in this AD may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.