

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:

2004-13-06 Airbus: Amendment 39-13688. Docket 2003-NM-187-AD.

Applicability: Model A319 and A320 series airplanes, certificated in any category; except those airplanes on which Airbus Modification 30355 has been incorporated in production.

Compliance: Required as indicated, unless accomplished previously.

To detect and correct fatigue cracks on the side panels of the keel beams, which could result in reduced structural integrity of the airplane, accomplish the following:

Service Bulletin

(a) The term “service bulletin,” as used in this AD, means the Accomplishment Instructions of Airbus Service Bulletin A320-53-1060, Revision 01, dated April 2, 2004.

Initial Inspection

(b) Perform a detailed inspection to detect cracks in the keel beam side panels, in accordance with the service bulletin, at the time specified in either paragraph (b)(1) or (b)(2) of this AD, as applicable.

Note 1: For the purposes of this AD, a detailed 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 a mirror, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required.”

(1) For airplanes that have not been inspected per Maintenance Review Board (MRB) task 53-31-42: Inspect at the later of the times specified in paragraph (b)(1)(i) and (b)(1)(ii) of this AD.

(i) Prior to the accumulation of 24,200 total flight cycles, or 48,400 total flight hours, whichever occurs first.

(ii) Within 3,500 flight cycles after the effective date of this AD.

(2) For airplanes that have been inspected per MRB task 53-31-42: Inspect at the later of the times specified in paragraph (b)(2)(i) and (b)(2)(ii) of this AD.

(i) Within 4,300 flight cycles or 9,600 flight hours after the last inspection per MRB task 53-31-42, whichever occurs first.

(ii) Within 3,500 flight cycles after the effective date of this AD.

Repetitive Inspections

(c) Repeat the detailed inspection required by paragraph (b) of this AD at intervals not to exceed 4,300 flight cycles or 9,600 flight hours, whichever occurs first.

Corrective Actions

(d) If any crack is found in “Area A” during any inspection required by this AD, before further flight, repair the affected area in accordance with the service bulletin. Once a repair has been accomplished to “Area A,” the repetitive inspections of “Area A” required by paragraphs (b) and (c) of this AD are no longer required for that side of the keel beam.

(e) If any crack is found in “Area B” during any inspection required by this AD, before further flight, repair the affected structure per a method approved by either the Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate; or the Direction Generale De L’Aviation Civile (DGAC) (or its delegated agent).

Credit for Accomplishing Original Issue of Service Bulletin

(f) Actions accomplished before the effective date of this AD per Airbus Service Bulletin A320-53-1060, dated June 19, 2002, are acceptable for compliance with the applicable requirements of this AD.

Alternative Methods of Compliance

(g) In accordance with 14 CFR 39.19, the Manager, International Branch, FAA, is authorized to approve alternative methods of compliance (AMOCs) for this AD.

Incorporation by Reference

(h) Unless otherwise specified in this AD, the actions shall be done in accordance with Airbus Service Bulletin A320-53-1060, Revision 01, dated April 2, 2004. 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, 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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Note 2: The subject of this AD is addressed in French airworthiness directive 2003-146(B), dated April 16, 2003 (a correction was issued May 14, 2003).

Effective Date

(i) This amendment becomes effective on August 3, 2004.

Issued in Renton, Washington, on June 16, 2004.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 04-14530 Filed 6-28-04; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2003-NM-104-AD; Amendment 39-13698; AD 2004-13-16]

RIN 2120-AA64

Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 and -145 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment supersedes an existing airworthiness directive (AD), applicable to all EMBRAER Model EMB-135 and -145 series airplanes, that currently requires repetitive inspections of the engine thrust reverser stow/transit switches, and corrective action, if necessary. This amendment continues to require the existing requirements and identifies the installation of certain new transit switches, which constitutes terminating action for the repetitive inspections. This action also changes the applicability. The actions specified by this AD are intended to prevent erroneous signals in the Engine Indicating and Crew Alerting System (EICAS) caused by internal corrosion of the thrust reverser stow/transit switches, which could result in uncommanded loss of engine power in flight, or unnecessary aborted takeoffs on the ground.

DATES: Effective August 3, 2004.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of August 3, 2004.

The incorporation by reference of a certain other publication listed in the regulations was approved previously by the Director of the Federal Register as of September 5, 2001 (66 FR 43766, August 21, 2001).

ADDRESSES: The service information referenced in this AD may be obtained from Empresa Brasileira de Aeronautica S.A. (EMBRAER), P.O. Box 343—CEP 12.225, Sao Jose dos Campos—SP, Brazil. 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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: <http://www.archives.gov/>

*federal_register/
code_of_federal_regulations/
ibr_locations.html.*

FOR FURTHER INFORMATION CONTACT:

Todd Thompson, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1175; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) by superseding AD 2001-17-03, amendment 39-12394 (66 FR 43766, August 21, 2001) which is applicable to all Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model EMB-135 and -145 series airplanes, was published in the **Federal Register** on March 5, 2004 (69 FR 10360). The action proposed to require installation of certain new transit switches, which would constitute terminating action for the repetitive inspections of AD 2001-17-03. That action also proposed to reduce the applicability of AD 2001-17-03.

Editorial Change

Paragraph (e)(2) of the proposed AD text erroneously states a replacement interval in terms of "hours" rather than "flight hours." We have corrected this error in the final rule. This change will neither increase the economic burden on any operator nor increase the scope of the AD.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

Conclusion

We have determined that air safety and the public interest require the adoption of the rule as proposed, with the editorial change described previously.

Cost Impact

There are approximately 365 airplanes of U.S. registry that will be affected by this AD.

The actions that are currently required by AD 2001-17-03 and retained in this AD, take approximately 1 work hour per airplane to accomplish, at an average labor rate of \$65 per work hour. Based on these figures, the cost impact of the previously required actions on U.S. operators is estimated to be \$23,725, or \$65 per airplane.

The new actions that are required by this AD will take approximately 2 work

hours per airplane to accomplish, at an average labor rate of \$65 per work hour. Required parts will cost approximately \$194 per airplane. Based on these figures, the cost impact of the new requirements of this AD on U.S. operators is estimated to be \$118,260, or \$324 per airplane.

The cost impact figures discussed above are based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

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.

For the reasons discussed above, I certify that this action (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under 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. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it 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 removing amendment 39-12394 (66 FR 43766, August 21, 2001), and by adding a new airworthiness directive (AD), amendment 39-13698, to read as follows:

2004-13-16 Empresa Brasileira de Aeronautica S.A. (EMBRAER):

Amendment 39-13698. Docket 2003-NM-104-AD. Supersedes AD 2001-17-03, Amendment 39-12394.

Applicability: Model EMB-135BJ series airplanes, as listed in EMBRAER Service Bulletin 145LEG-78-0006, Revision 01, dated January 31, 2003; and Model EMB-135 and -145 series airplanes, as listed in EMBRAER Service Bulletin 145-78-0035, Revision 02, dated January 31, 2003; certificated in any category.

Compliance: Required as indicated, unless accomplished previously.

To prevent erroneous signals in the Engine Indicating and Crew Alerting System (EICAS) caused by internal corrosion of the thrust reverser stow/transit switches, which could result in uncommanded loss of engine power in flight, or unnecessary aborted takeoffs on the ground, accomplish the following:

Restatement of the Requirements of AD 2001-17-03

Initial and Repetitive Inspections, and Corrective Action, if Necessary

(a) For Model EMB-135 and -145 series airplanes: Prior to the accumulation of 2,000 total flight hours, or within 400 flight hours after September 5, 2001 (the effective date of AD 2001-17-03, amendment 39-12394), whichever occurs later, perform the inspection required by paragraph (b) of this AD and repeat the inspection at intervals not to exceed 1,200 flight hours.

(b) For Model EMB-135 and -145 series airplanes: Inspect each of the six stow/transit switches on the #1 and #2 engine thrust reversers by conducting a megohmmeter test to measure insulation resistance according to the Accomplishment Instructions of EMBRAER Service Bulletin 145-78-0029, dated February 2, 2001. If insulation resistance measures 100 megohms or less, before further flight, replace the switch with a new switch in accordance with the service bulletin.

Spares

(c) For Model EMB-135 and -145 series airplanes: As of September 5, 2001, no person shall install, on any airplane, a stow/transit switch part number 83-990-137 or 83-990-152 unless it has been inspected in accordance with this AD.

New Actions Required by This AD*Service Bulletin Reference*

(d) The term "service bulletin," as used in the remainder of this AD, means the Accomplishment Instructions of the following service bulletins, as applicable:

(1) For Model EMB-135B series airplanes: EMBRAER Service Bulletin 145LEG-78-0006, Revision 01, dated January 31, 2003; and

(2) For Model EMB-135 and -145 series airplanes: EMBRAER Service Bulletin 145-78-0035, Revision 02, dated January 31, 2003.

Terminating Action

(e) Install new transit switches having part number 83-990-168, on both engines of the airplane, at the time indicated in paragraph (e)(1) or (e)(2), as applicable, in accordance with the applicable service bulletin. Accomplishment of the new part installation constitutes terminating action for the inspections required by paragraph (a) of this AD.

(1) For airplanes on which the inspection required by paragraph (a) of this AD has been accomplished: Within 1,200 flight hours from the completion of the last inspection required by paragraph (a) of this AD, or within 400 flight hours after the effective date of this AD, whichever occurs later.

(2) For airplanes on which any inspection required by paragraph (a) of this AD has not been accomplished: Prior to the accumulation of 2,000 total flight hours, or within 400 flight hours after the effective date of this AD, whichever occurs later.

Actions Accomplished per Previous Issue of Service Bulletin

(f) Installation of new transit switches having part number 83-990-168 on both engines of the airplane accomplished before the effective date of this AD, in accordance with EMBRAER Service Bulletin 145-78-0035, dated October 4, 2002; EMBRAER Service Bulletin 145-78-0035, Revision 01, dated December 11, 2002; or EMBRAER Service Bulletin 145LEG-78-0006, dated January 13, 2003; as applicable; is considered acceptable for compliance with the terminating action required by paragraph (e) of this AD.

Alternative Methods of Compliance

(g) In accordance with 14 CFR 39.19, the Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate, is authorized to approve alternative methods of compliance for this AD.

Incorporation by Reference

(h) Unless otherwise specified in this AD, the actions shall be done in accordance with EMBRAER Service Bulletin 145-78-0029, dated February 2, 2001; EMBRAER Service Bulletin 145-78-0035, Revision 02, dated January 31, 2003; and EMBRAER Service Bulletin 145LEG-78-0006, Revision 01, dated January 31, 2003; as applicable. EMBRAER Service Bulletin 145-78-0035, Revision 02, dated January 31, 2003, contains the following effective pages:

Page No.	Revision level shown on page	Date shown on page
1, 2	02	Jan. 31, 2003.
3-13	Original	Oct. 4, 2002.

EMBRAER Service Bulletin 145LEG-78-0006, Revision 01, dated January 31, 2003, contains the following effective pages:

Page No.	Revision level shown on page	Date shown on page
1, 2	01	Jan. 31, 2003.
3-13	Original	Jan. 13, 2003.

(1) The incorporation by reference of EMBRAER Service Bulletin 145-78-0035, Revision 02, dated January 31, 2003; and EMBRAER Service Bulletin 145LEG-78-0006, Revision 01, dated January 31, 2003; is approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

(2) The incorporation by reference of EMBRAER Service Bulletin 145-78-0029, dated February 2, 2001, was approved previously by the Director of the Federal Register as of September 5, 2001 (66 FR 43766, August 21, 2001).

(3) Copies may be obtained from Empresa Brasileira de Aeronautica S.A. (EMBRAER), P.O. Box 343—CEP 12.225, Sao Jose dos Campos—SP, Brazil. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Note 1: The subject of this AD is addressed in Brazilian airworthiness directive 2001-05-03R3, dated April 22, 2003.

Effective Date

(i) This amendment becomes effective on August 3, 2004.

Issued in Renton, Washington, on June 16, 2004.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 04-14566 Filed 6-28-04; 8:45 am]

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

[Docket No. 2003-NM-52-AD; Amendment 39-13696; AD 2004-13-14]

RIN 2120-AA64

Airworthiness Directives; Airbus Model A300 B2 Series Airplanes; Model A300 B4 Series Airplanes; and Model A300 B4-600, B4-600R, C4 605R Variant F, and F4-600R (Collectively Called A300-600) Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to all Airbus Model A300 B2 series airplanes; Model A300 B4 series airplanes; and Model A300 B4-600, B4-600R, C4 605R Variant F, and F4-600R (collectively called A300-600) series airplanes; that requires inspection of the label of certain slat friction brakes for correct label wording, and corrective actions if necessary. This AD also provides for optional terminating actions for certain repetitive corrective actions. These actions are necessary to find and fix incorrect labels on the housings of the slat friction brakes, which may lead to the use of unapproved oil in the brakes. Use of unapproved oil could affect the efficiency of the brakes and lead to failure of the brakes to maintain proper slat orientation in the event of a rupture of the slat drive shaft, consequent uncommanded retraction of the slat, and reduced controllability of the airplane. This action is intended to address the identified unsafe condition.

DATES: Effective August 3, 2004.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of August 3, 2004.

ADDRESSES: The service information referenced in the proposed rule may be obtained from Airbus, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France. 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 National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/