

consumer protection regulations: B (Equal Credit Opportunity), E (Electronic Fund Transfers), M (Consumer Leasing), Z (Truth in Lending), and DD (Truth in Savings). The Board established October 1, 2001 as the mandatory compliance date for the interim final rules. To address commenters' concerns, the Board is considering adjustments to the rules to provide additional flexibility. Therefore, the Board is lifting the mandatory compliance date for the interim rules. Once permanent final rules are issued, the Board expects to afford institutions a reasonable period of time to comply with those rules.

**DATES:** The October 1, 2001, mandatory compliance date for the interim final rules published at 66 FR 17322 and 17329 (March 30, 2001) and at 66 FR 17779, 17786 and 17795 (April 4, 2001) is lifted.

**FOR FURTHER INFORMATION CONTACT:** David A. Stein or Ky Tran-Trong, Attorneys; Division of Consumer and Community Affairs, at (202) 452-2412 or (202) 452-3667.

**SUPPLEMENTARY INFORMATION:**

**I. Lifting the Mandatory Compliance Date for the Interim Rules**

Financial institutions and others covered by the Board's consumer disclosure rules are currently permitted to provide electronic disclosures if they obtain consumers' consent consistent with the requirements of the federal Electronic Signatures in Global and National Commerce Act (the E-Sign Act), which became effective on October 1, 2000. On March 30 and April 4, 2001, the Board published interim final rules to provide guidance on how the E-Sign Act applies to the consumer financial services and fair lending laws and regulations administered by the Board. The Board established October 1, 2001 as the date for mandatory compliance with the interim final rules. *See* 66 FR 17779 (Regulation B, Equal Credit Opportunity); 66 FR 17786 (Regulation E, Electronic Fund Transfers); 66 FR 17322 (Regulation M, Consumer Leasing); 66 FR 17329 (Regulation Z, Truth in Lending); 66 FR 17795 (Regulation DD, Truth in Savings).

The interim rules give guidance on the timing and delivery of electronic disclosures. Disclosures can be provided by e-mail or can be made available at another location such as an institution's web site. If a disclosure—such as an account statement or a notice of a change in account terms—is provided at a web site, an institution must notify the consumer of the disclosure's availability by e-mail. In addition, the disclosure

must remain available on the web site for 90 days.

A number of commenters on the interim final rules noted that there are operational issues raised by the interim rules' requirement that institutions alert consumers by e-mail when electronic disclosures are made available at another location, such as a web site. They also noted that the October 1, 2001, compliance deadline does not afford them adequate time for making the needed changes.

Some institutions have been offering electronic disclosures for several years under Regulations E and DD, based on interim rules issued by the Board in 1998 and 1999 respectively. *See* 63 FR 14528; 64 FR 49846. Others have been permitted to give electronic disclosures under Regulations B, M, and Z since the E-Sign Act took effect last year. Many of these institutions have not used e-mail to alert consumers to disclosures posted at their web sites.

Based on the comments, the Board is considering adjustments to the rules to provide additional flexibility. Therefore, the Board is lifting the mandatory compliance date for the interim rules. Institutions may continue to provide electronic disclosures under their existing policies and practices, or may follow the interim rules, until the Board issues permanent rules. Once permanent final rules are issued, the Board expects to afford institutions a reasonable period of time to comply with those rules.

**II. Withdrawal of 1998 and 1999 Interim Rules Unaffected**

In 1998 and 1999, the Board adopted interim rules under Regulations E and DD respectively, to allow the electronic delivery of certain disclosures, if the consumer agrees. The 1998 and 1999 interim rules did not specify the manner or form of consumer's consent to electronic disclosures.

Effective October 1, 2000, the E-Sign Act permits institutions to provide disclosures to consumers using electronic communications, if the institution complies with the requirements of section 101(c) of that act. The Board's 2001 interim final rules set forth the general rule that institutions subject to Regulations E and DD may provide disclosures electronically only if the institution complies with section 101(c) of the E-Sign Act. Accordingly, the Board's 2001 interim rules provided that the 1998 and 1999 interim rules were withdrawn. The Board's action lifting the mandatory compliance date for the 2001 interim rules has no effect on the withdrawal of the 1998 and 1999 interim rules.

**III. Foreign Language Disclosures**

To provide consistency among the regulations, the interim final rules also included revisions to Regulations B (§ 202.4(b)), E (§ 205.4(a)(2)), and Z (§ 226.27) that permit disclosures in languages other than English as long as disclosures in English are also available upon request. The Board's action lifting the mandatory compliance date for the 2001 interim rules has no effect on these provisions.

By order of the Board of Governors of the Federal Reserve System, August 2, 2001.

**Jennifer J. Johnson,**  
*Secretary of the Board.*

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**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

**[Docket No. 2000-NM-314-AD; Amendment 39-12370; AD 2001-16-02]**

**RIN 2120-AA64**

**Airworthiness Directives; Boeing Model 747-100, -200B, -200F, -200C, -100B, -300, -100B SUD, -400, -400D, -400F, and 747SR Series Airplanes**

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

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Boeing Model 747 series airplanes, that requires repetitive inspections to find cracking of the frame web, strap, inner chords, and inner chord angle of the forward edge frame of the number 5 main entry door cutout, and repair, if necessary. These actions are necessary to find and fix such cracking, which could result in severing of the frame, inability of the edge frame to react door stop loads, and consequent rapid depressurization of the airplane. This action is intended to address the identified unsafe condition.

**DATES:** Effective September 12, 2001.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of September 12, 2001.

**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.

**FOR FURTHER INFORMATION CONTACT:** Rick Kawaguchi, Aerospace Engineer, Airframe Branch, ANM-120S, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1153; fax (425) 227-1181.

**SUPPLEMENTARY INFORMATION:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Boeing Model 747 series airplanes was published in the **Federal Register** on March 20, 2001 (66 FR 15662). That action proposed to require repetitive inspections to find cracking of the frame web, strap, inner chords, and inner chord angle of the forward edge frame of the number 5 main entry door cutout; and repair, if necessary.

#### Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

Two commenters have no objection to the proposed rule.

#### Limit Applicability

One commenter, the manufacturer, states that, subsequent to issuance of Revision 2 of the referenced service bulletin, it committed to a production revision at line number 1305, Production Revision Request 85415, which eliminates the need for the inspections in the proposed rule for airplanes with and after that line number. The commenter recommends that the applicability in the proposed rule be limited to Model 747 series airplanes, line numbers 1 through 1304, except Model 747SP.

The FAA partially agrees. We will change the applicability section in the final rule to specify all affected models in the subject line of the final rule; it will not include the 747SP series airplane. However, because the Production Revision Request has not yet been incorporated, we cannot limit the line number applicability.

#### Clarification of Compliance Time— Paragraph (a)

One commenter asks that paragraph (a) of the proposed rule be changed. The commenter states that paragraph (a)(1) of the proposed rule does not actually state a compliance time or refer to the referenced service bulletin as a means of

compliance. The commenter adds that paragraph (a)(2) of the proposed rule calls for the inspection to be done within 3,000 flight cycles after the first inspection in the bulletin. Therefore, the inspection may never be done if operators decide not to do the bulletin, but the commenter presumes this statement has been added for those operators that did the inspection before the release of the AD, per the bulletin. The commenter notes paragraph (a)(2) is redundant because repeat inspections will already have been carried out per the bulletin. The commenter states that the specified compliance times are very difficult to understand and suggests the following wording for the compliance times be used in the proposed rule:

- At the times specified in the logic diagram of the referenced service bulletin, except substituting “receipt of service bulletin” for “effective date of this AD.” Or
- Within 3,000 flight cycles from the effective date of the AD, whichever is later. The commenter’s interpretation of paragraph (a)(2) of the proposed rule is that the commenter would have until 3,000 flight cycles after the inspection at 16,000 flight cycles to inspect its oldest airplane.

The FAA partially concurs. (The paragraph numbering in the final rule has been revised.) Paragraph (b) of the final rule has been changed for clarification, to specifically cite accomplishment of the inspection at the applicable time specified in the logic diagram in Figure 1 of the service bulletin. However, we do not concur that paragraph (c) of the final rule should be revised to within 3,000 flight cycles from the effective date of the AD. Paragraph (c) addresses those operators who have already accomplished the inspections per previous revisions of the service bulletin. The 3,000-flight-cycle threshold allows operators to transition from the old revisions to the revision of the service bulletin specified in this final rule.

Additionally, we do not concur that the commenter would have until 3,000 flight cycles after the inspection at 16,000 flight cycles to accomplish the initial inspection on its airplanes. The commenter has not accomplished the inspections on its airplanes per the old revisions to the service bulletin, so paragraph (c) does not apply, and the commenter must accomplish the initial inspection at the 16,000-flight-cycle threshold as mandated by paragraph (b) of the final rule.

#### Conclusion

After careful review of the available data, including the comments noted

above, the FAA has determined that air safety and the public interest require the adoption of the rule with the changes previously described. The FAA has determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

#### Interim Action

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

#### Cost Impact

There are approximately 1,314 airplanes of the affected design in the worldwide fleet. The FAA estimates that 258 airplanes of U.S. registry will be affected by this AD, that it will take approximately 16 work hours per airplane to accomplish the required inspections, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the inspections required by this AD on U.S. operators is estimated to be \$247,680, or \$960 per airplane.

The cost impact figure discussed above is 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 adding the following new airworthiness directive:

**2001-16-02 Boeing:** Amendment 39-12370. Docket 2000-NM-314-AD.

**Applicability:** All Model 747-100, -200B, -200F, -200C, -100B, -300, -100B SUD, -400, -400D, -400F, and 747SR 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 (e) 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 find and fix cracking of the frame web, strap, inner chords, and inner chord angle of the forward edge frame of the number 5 main entry door cutout, which could result in severing of the frame, inability of the edge frame to react door stop loads, and consequent rapid depressurization of the airplane, accomplish the following:

**Repetitive Inspections (No Terminating Action)**

(a) Inspect the airplane for cracks per Boeing Alert Service Bulletin 747-53A2450, Revision 2, including Appendix A, dated January 4, 2001; at the later of the times specified in either paragraph (b) or (c) of this AD, per Table 1 as follows:

TABLE 1.—INSPECTION REQUIREMENTS

Type of inspection	Area to inspect
(1) Detailed Visual .....	Strap inner chords forward and aft of the web, and exposed web adjacent to the inner chords on station 2231 frame from stringer 23 through 31 per Figure 5 or Figure 6 of the service bulletin, as applicable.
(2) Surface High Frequency Eddy Current (HFEC).	Station 2231 inner chord angles at lower main sill interface per Figure 5 or Figure 6 of the service bulletin, as applicable.
(3) Open Hole HFEC .....	Station 2231 frame fastener locations per Figures 4 and 7, and either Figure 5 or 6 of the service bulletin, as applicable.
(4) Surface HFEC .....	Around fastener locations on station 2231 inner chords from stringer 23 through 31 per Figure 5 or Figure 6 of the service bulletin, as applicable.
(5) Low Frequency Eddy Current .....	Station 2231 frame strap in areas covered by the reveal per Figure 5 or Figure 6 of the service bulletin, as applicable.

(b) Do the inspections per Table 1 at the applicable time specified in the logic diagram in Figure 1 of Boeing Alert Service Bulletin 747-53A2450, Revision 2, including Appendix A, dated January 4, 2001. Where the compliance time in the logic diagram specifies a compliance time beginning, "from receipt of this service bulletin," this AD requires that the compliance time begin "after the effective date of this AD." Repeat the inspections after that at intervals not to exceed 3,000 flight cycles.

(c) Within 3,000 flight cycles after accomplishment of the inspections specified in Figure 1 of Boeing Alert Service Bulletin 747-53A2450, dated May 4, 2000; or Revision 1, dated July 6, 2000; repeat the inspections after that at intervals not to exceed 3,000 flight cycles.

**Note 2:** There is no terminating action currently available for the inspections required by paragraph (a) of this AD.

**Note 3:** Where there are differences between the AD and the alert service bulletin, the AD prevails.

**Repair**

(d) If any cracking is found during any inspection required by paragraph (a) of this

AD, before further flight, repair per a method approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA; or per data meeting the type certification basis of the airplane approved by a Boeing Company Designated Engineering Representative who has been authorized by the Manager, Seattle ACO, to make such findings. For a repair method to be approved by the Manager, Seattle ACO, as required by this paragraph, the approval letter must specifically reference this AD.

**Alternative Methods of Compliance**

(e) 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, Seattle ACO. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Seattle ACO.

**Note 4:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

**Special Flight Permits**

(f) 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**

(g) The inspections shall be done in accordance with Boeing Alert Service Bulletin 747-53A2450, Revision 2, including Appendix A, dated January 4, 2001. 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 Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. 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.

**Effective Date**

(h) This amendment becomes effective on September 12, 2001.

Issued in Renton, Washington, on July 26, 2001.

Vi L. Lipski,

Manager, Transport Airplane Directorate,  
Aircraft Certification Service.

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2000-NM-371-AD; Amendment 39-12365; AD 2001-15-30]

RIN 2120-AA64

#### Airworthiness Directives; BAE Systems (Operations) Limited Model Avro 146-RJ Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain BAE Systems (Operations) Limited Model Avro 146-RJ series airplanes, that requires inspection to detect incorrect wiring of the fire extinguisher bottles located on the engines and on the auxiliary power unit (APU), and corrective action, as necessary. It also requires modification of the wiring of the fire extinguisher bottles located on the engines and on the APU. This amendment is prompted by reports of incorrect wiring of the fire extinguisher bottles on the engines and the APU discovered during routine maintenance. The actions specified by this AD are intended to prevent failure of the fire extinguisher bottles to discharge, which could result in the inability to extinguish a fire in the engines or in the APU.

**DATES:** Effective September 12, 2001.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of September 12, 2001.

**ADDRESSES:** The service information referenced in this AD may be obtained from British Aerospace Regional Aircraft American Support, 13850 Mclearen Road, Herndon, Virginia 20171. 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.

#### FOR FURTHER INFORMATION CONTACT:

Todd Thompson, Aerospace Engineer, ANM-116, International Branch, 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) to include an airworthiness directive (AD) that is applicable to certain BAE Systems (Operations) Limited Model Avro 146-RJ series airplanes was published in the *Federal Register* on April 25, 2001 (66 FR 20766). That action proposed to require inspection to detect incorrect wiring of the fire extinguisher bottles located on the engines and on the auxiliary power unit (APU), and corrective action, as necessary. It also proposed to require modification of the wiring of the fire extinguisher bottles located on the engines and on the APU.

#### 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.

#### Changes to the Final Rule

The FAA has revised paragraph (a) of the final rule to cite the latest service information, BAE Systems (Operations) Limited Inspection Service Bulletin ISB.26-60, Revision 2, dated January 18, 2001, as the appropriate source of service information for accomplishment of the actions required by that paragraph. The original issue and Revision 1 of the service bulletin were cited in the proposed AD; however, Revision 2 is similar to those versions of the service bulletin. In addition, the FAA has added a new **Note 2** to this final rule to provide credit to those operators that accomplished one of the earlier versions of the service bulletin.

#### Conclusion

After careful review of the available data, the FAA has determined that air safety and the public interest require the adoption of the rule with the changes described previously. The FAA has determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

#### Cost Impact

The FAA estimates that 44 airplanes of U.S. registry will be affected by this AD, that it will take approximately 1 work hour per airplane to accomplish

the required inspection, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the inspection on U.S. operators is estimated to be \$2,640, or \$60 per airplane.

The FAA estimates that it will take approximately 4 work hours per airplane to accomplish the required modification of the wiring of the fire extinguisher bottles on the engines, and that the average labor rate is \$60 per work hour. According to the applicable service bulletin, the cost of required parts is to be arranged between BAE Systems and the operator. Based on these figures, the cost impact of this modification on U.S. operators is estimated to be \$10,560, or \$240 per airplane, excluding any costs to the operator for required parts.

The FAA also estimates that it will take approximately 1 work hour per airplane to accomplish the required modification of the wiring of the fire extinguisher bottles on the APU, and that the average labor rate is \$60 per work hour. According to the applicable service bulletin, the cost of required parts is to be arranged between BAE Systems and the operator. Based on these figures, the cost impact of this modification on U.S. operators is estimated to be \$2,640, or \$60 per airplane, excluding any costs to the operator for required parts.

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