

**(a) Comments Due Date**

We must receive comments by June 6, 2016.

**(b) Affected ADs**

This AD replaces AD 2011–10–01, Amendment 39–16682 (76 FR 25535, May 5, 2011). This AD affects AD 2014–16–23, Amendment 39–17947 (79 FR 52545, September 4, 2014).

**(c) Applicability**

This AD applies to Dassault Aviation Model FALCON 7X airplanes, certificated in any category, all serial numbers.

**(d) Subject**

Air Transport Association (ATA) of America Code 05, Time Limits/Maintenance Checks.

**(e) Reason**

This AD was prompted by a revision of an airworthiness limitations items (ALI) document, which introduces new and more restrictive maintenance requirements and airworthiness limitations for airplane structures and systems. We are issuing this AD to prevent reduced structural integrity and reduced control of these airplanes due to the failure of system components.

**(f) Compliance**

Comply with this AD within the compliance times specified, unless already done.

**(g) Retained Functional Test of the Ram Air Turbine (RAT) Heater With New Terminating Action and With Specific Delegation Approval Language**

This paragraph restates the requirements of paragraph (g) of AD 2011–10–01, Amendment 39–16682 (76 FR 25535, May 5, 2011), with new terminating action and with specific delegation approval language. At the applicable times specified in paragraph (g)(1) or (g)(2) of this AD, do a functional test of the RAT heater using a method approved by either the Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Dassault Aviation's EASA Design Organization Approval (DOA). Repeat the functional test of the RAT heater thereafter at the applicable time specified in paragraph (g)(1) or (g)(2) of this AD until the revision required by paragraph (h) of this AD is done. If any functional test fails, before further flight, repair using a method approved by either the Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA; or EASA; or Dassault Aviation's EASA DOA.

(1) For FALCON 7X airplanes on which modification M0305 has not been done and on which Dassault Service Bulletin 7X–018, dated March 6, 2009, has not been done: Within 650 flight hours after the effective date of this AD, do a functional test of the RAT heater and repeat the functional test of the RAT heater thereafter at intervals not to exceed 650 flight hours.

(2) For FALCON 7X airplanes on which modification M0305 has been done or on which Dassault Service Bulletin 7X–018, dated March 6, 2009, has been done: Within

1,900 flight hours after June 9, 2011 (the effective date of AD 2011–10–01, Amendment 39–16682 (76 FR 25535, May 5, 2011)) or after modification M0305 or Dassault Service Bulletin 7X–018, dated March 6, 2009, has been done, whichever occurs later, do a functional test of the RAT heater. Repeat the functional test of the RAT heater thereafter at intervals not to exceed 1,900 flight hours.

**Note 1 to paragraph (g) of this AD:**

Additional guidance for doing the functional test of the RAT heater required by paragraph (g) of this AD can be found in Task 24–50–25–720–801, Functional Test of the RAT Heater, dated January 16, 2009, of the Dassault FALCON 7X Aircraft Maintenance Manual (AMM).

**(h) New Requirement of This AD: Revise the Maintenance or Inspection Program**

Within 30 days after the effective date of this AD, revise the maintenance or inspection program, as applicable, by incorporating the information specified in Chapter 5–40–00, Airworthiness Limitations, DGT 107838, Revision 4, dated February 2, 2015, of the Dassault Falcon 7X Maintenance Manual (MM). The initial compliance times for the tasks specified in Chapter 5–40–00, Airworthiness Limitations, DGT 107838, Revision 4, dated February 2, 2015, of the Dassault Falcon 7X MM are at the applicable compliance times specified in Chapter 5–40–00, Airworthiness Limitations, DGT 107838, Revision 4, dated February 2, 2015, of the Dassault Falcon 7X MM, or within 30 days after the effective date of this AD, whichever occurs later.

**(i) Terminating Actions**

(1) Accomplishment of the revision required by paragraph (h) of this AD terminates the requirements of paragraph (g) of this AD.

(2) Accomplishment of the revision required by paragraph (h) of this AD terminates the requirements of paragraph (q) of AD 2014–16–23, Amendment 39–17947 (79 FR 52545, September 4, 2014).

**(j) No Alternative Actions, Intervals, and/or Critical Design Configuration Control Limitations (CDCCLs)**

After the maintenance or inspection program, as applicable, has been revised as required by paragraph (h) of this AD, no alternative actions (e.g., inspections), intervals, and/or CDCCLs may be used unless the actions, intervals, and/or CDCCLs are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (k)(1) of this AD.

**(k) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local

Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057–3356; telephone 425–227–1137; fax 425–227–1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov.

(2) *Contacting the Manufacturer*: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA; or EASA; or Dassault Aviation's EASA DOA. If approved by the DOA, the approval must include the DOA-authorized signature.

**(l) Related Information**

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA AD 2015–0095, dated May 29, 2015, for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA–2016–5464.

(2) For service information identified in this AD, contact Dassault Falcon Jet Corporation, Teterboro Airport, P.O. Box 2000, South Hackensack, NJ 07606; telephone: 201–440–6700; Internet: <http://www.dassaultfalcon.com>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425–227–1221.

Issued in Renton, Washington, on April 13, 2016.

**Victor Wicklund,**

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

[FR Doc. 2016–09005 Filed 4–19–16; 8:45 am]

**BILLING CODE 4910–13–P**

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

**[Docket No. FAA–2016–5465; Directorate Identifier 2015–NM–041–AD]**

**RIN 2120–AA64**

**Airworthiness Directives; BAE SYSTEMS (Operations) Limited Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

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**SUMMARY:** We propose to supersede Airworthiness Directive (AD) 2010–10–13, for all BAE SYSTEMS (Operations) Limited Model BAe 146 and Avro 146 series airplanes. AD 2010–10–13 currently requires repetitive inspections

of the wing fixed leading edge and front spar structure for corrosion and cracking, and repair if necessary. Since we issued AD 2010–10–13, the Design Approval Holder (DAH) has issued revised inspection procedures that eliminate a previously approved inspection procedure. This proposed AD would require revised inspection procedures. We are proposing this AD to detect and correct corrosion and cracking of the wing fixed leading edge and front spar structure, which could result in reduced structural integrity of the wing.

**DATES:** We must receive comments on this proposed AD by June 6, 2016.

**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 W12–140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact BAE Systems (Operations) Limited, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; telephone +44 1292 675207; fax +44 1292 675704; email [RApublications@baesystems.com](mailto:RApublications@baesystems.com); Internet <http://www.baesystems.com/Businesses/RegionalAircraft/index.htm>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425–227–1221.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA–2016–5465; or in person at the Docket Management Facility 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:

Todd Thompson, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057–3356; telephone 425–227–1175; 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–2016–5465; Directorate Identifier 2015–NM–041–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

On April 30, 2010, we issued AD 2010–10–13, Amendment 39–16292 (75 FR 27419, May 17, 2010) (“AD 2010–10–13”). AD 2010–10–13 requires actions intended to address an unsafe condition on all BAE SYSTEMS (Operations) Limited Model BAe 146 and Avro 146 series airplanes.

Since we issued AD 2010–10–13, the DAH has issued revised inspection procedures that eliminates a previously approved inspection procedure.

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2014–0047, correction dated February 26, 2015 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition. The MCAI states:

Corrosion of the wing fixed leading edge structure was detected on a BAe 146 aeroplane during removal of wing removable edge for a repair. The review of available scheduled tasks intended to detect environmental and fatigue deteriorations of the wing revealed that they may not have been sufficient to identify corrosion or fatigue damage in the affected structural area.

This condition, if not detected and corrected, could lead to degradation of the structural integrity of the wing.

To address this potential unsafe condition, EASA issued AD 2009–0014 ([http://ad.easa.europa.eu/blob/easa\\_ad\\_2009\\_0014\\_superseded.pdf](http://ad.easa.europa.eu/blob/easa_ad_2009_0014_superseded.pdf)/AD\_2009–0014\_1) [which corresponds to FAA AD 2010–10–13] to require repetitive inspections of fixed wing leading edge and front spar structure [for cracking and corrosion] [and repair if necessary] in accordance with BAE Systems (Operations) Ltd Inspection Service Bulletin (ISB) ISB.57–072 which incorporated two possible inspection procedures, either method 1, a combination of a detailed visual inspection (DVI) and a visual inspection (VI) after removal of the outer fixed leading edge only, or method 2, a DVI only, after removal of the inner, centre and outer fixed leading edges.

Since that [EASA] AD was issued, BAE Systems (Operations) Ltd issued ISB.57–072 Revision 1 to correct a material reference number, Revision 2, which removed method 1 as an available inspection procedure to detect fatigue and environmental damage of the wing structure and Revision 3 to delete the requirement to install weights if the engines were removed when the leading edges were removed.

For the reasons described above, this [EASA] AD retains the requirements of EASA AD 2009–0014, which is superseded, but requires accomplishment of the [repetitive] inspections in accordance with updated inspection procedures, *i.e.* method 2 only.

This [EASA] AD is re-published to correct a typographical error in Table 1, restoring a compliance time as previously required by EASA AD 2009–0014.

The repetitive inspection interval for the detailed visual inspection for cracking and corrosion of the wing fixed leading edge and front spar structure is:

- 12 years or 36,000 flight cycles, whichever occurs earlier, for airplanes on which the enhanced corrosion protection has not been accomplished.
- 6 years or 36,000 flight cycles, whichever occurs earlier, for airplanes on which the enhanced corrosion protection has been accomplished.

You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA–2016–5465.

#### Related Service Information Under 1 CFR Part 51

BAE SYSTEMS (Operations) Limited has issued Service Bulletin ISB.57–072, Revision 3, dated August 31, 2010. The service information describes procedures for inspection and repair for cracking and corrosion of the wing fixed leading edge and front spar structure. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the **ADDRESSES** section.

### 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 these same type designs.

### Costs of Compliance

We estimate that this proposed AD affects 4 airplanes of U.S. registry.

The actions required by AD 2010-10-13, and retained in this proposed AD take about 12 work-hours per product, and 1 work-hour per product for reporting, at an average labor rate of \$85 per work-hour. Based on these figures, the estimated cost of the actions that are required by AD 2010-10-13 is \$1,105 per product.

The new requirements of this proposed AD add no additional economic burden.

We have received no definitive data that would enable us to provide cost estimates for the on-condition actions specified in this proposed AD.

### Paperwork Reduction Act

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB control number. The control number for the collection of information required by this AD is 2120-0056. The paperwork cost associated with this AD has been detailed in the Costs of Compliance section of this document and includes time for reviewing instructions, as well as completing and reviewing the collection of information. Therefore, all reporting associated with this AD is mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at 800 Independence Ave. SW., Washington, DC 20591, ATTN: Information Collection Clearance Officer, AES-200.

### 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);
3. Will not affect intrastate aviation in Alaska; and
4. 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.

### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, 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 removing Airworthiness Directive (AD) 2010-10-13, Amendment 39-16292 (75 FR 27419, May 17, 2010), and adding the following new AD:

**BAE SYSTEMS (Operations) Limited:** Docket No. FAA-2016-5465; Directorate Identifier 2015-NM-041-AD.

#### (a) Comments Due Date

We must receive comments by June 6, 2016.

#### (b) Affected ADs

This AD replaces AD 2010-10-13, Amendment 39-16292 (75 FR 27419, May 17, 2010) ("AD 2010-10-13").

#### (c) Applicability

This AD applies to BAE SYSTEMS (Operations) Limited Model Ba e 146-100A, -200A, and -300A series airplanes; and Model Avro 146-RJ70A, 146-RJ85A, and 146-RJ100A airplanes; certificated in any category, all serial numbers.

#### (d) Subject

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

#### (e) Reason

This AD was prompted by revised inspection procedures issued by the Design Approval Holder. We are issuing this AD to detect and correct corrosion and cracking of the wing fixed leading edge and front spar structure, which could result in reduced structural integrity of the airplane.

#### (f) Compliance

Comply with this AD within the compliance times specified, unless already done.

#### (g) Retained Actions and Compliance, With Added Provision for Terminating Action

This paragraph restates the requirements of paragraph (f) of AD 2010-10-13, with an added provision for terminating action. Accomplishing the initial inspection required by paragraph (j) of this AD terminates the requirements of paragraph (g) of this AD.

(1) At the applicable time identified in paragraph (g)(1)(i), (g)(1)(ii), or (g)(1)(iii) of this AD: Perform a detailed visual inspection and visual inspection (Method 1) or a detailed visual inspection (Method 2) for cracking and corrosion of the wing fixed leading edge and front spar structure, in accordance with paragraph 2.C. or 2.D., as applicable, of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57-072, Revision 1, dated September 25, 2008.

(i) For airplanes with less than 9 years since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of the effective date of this AD: Within 18 months after June 21, 2010 (the effective date of AD 2010-10-13).

(ii) For airplanes with 9 years or more, but less than 15 years, since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of June 21, 2010 (the effective date of AD 2010-10-13): Within 18 months after June 21, 2010, or within 16 years since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness, whichever occurs first.

(iii) For airplanes with 15 years or more since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of June 21, 2010 (the effective date of AD 2010–10–13): Within 6 months after June 21, 2010.

(2) After doing the initial inspection required by paragraph (g)(1) of this AD, at the applicable intervals specified in paragraph (g)(2)(i) or (g)(2)(ii) of this AD, accomplish the repetitive inspections of the wing fixed leading edge and front spar structure for cracking and corrosion in the “area of inspection” specified in Table 1 of paragraph 1.D., “Compliance,” of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008. Do the inspections in accordance with paragraph 2.C. (Method 1) or paragraph 2.D. (Method 2) of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008. Where previously applied, enhanced corrosion protection may then be re-applied, as an option, in accordance with paragraph 2.E. of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008. Perform the repetitive inspections at the times specified in paragraph (g)(2)(i) or (g)(2)(ii) of this AD, as applicable.

(i) For airplanes having enhanced corrosion protection that was applied during the previous inspection: Inspect at intervals not to exceed 144 months.

(ii) For airplanes not having enhanced corrosion protection that was applied during the previous inspection: Inspect at intervals not to exceed 72 months.

(3) After doing the initial inspection required by paragraph (g)(1) of this AD, at intervals not to exceed 36,000 flight cycles, accomplish fatigue inspections in accordance with paragraph 2.C. (Method 1) or paragraph 2.D. (Method 2) of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008.

(4) If any cracking or corrosion is found during any inspection required by paragraph (g) of this AD, before further flight, repair in accordance with the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008.

(5) No repair terminates the inspection requirements of this AD.

(6) Actions done before June 21, 2010 (the effective date of AD 2010–10–13), in accordance with BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, dated February 22, 2008, are considered acceptable for compliance with the corresponding actions specified in this AD.

(7) Submit a report of the findings (both positive and negative) of the inspection required by paragraph (f)(1) of this AD to Customer Liaison, Customer Support (Building 37), BAE SYSTEMS (Operations) Limited, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland; fax +44 (0) 1292 675432; email [raengliaison@baesystems.com](mailto:raengliaison@baesystems.com), at the applicable time specified in paragraphs (g)(7)(i) and (g)(7)(ii) of this AD. The report must include the inspection results, a description of any discrepancies found, the airplane serial number, and the number of landings and flight hours on the airplane.

(i) If the inspection was done on or after June 21, 2010 (the effective date of AD 2010–10–13): Submit the report within 30 days after the inspection.

(ii) If the inspection was done before June 21, 2010 (the effective date of AD 2010–10–13): Submit the report within 30 days after June 21, 2010.

#### **(h) Retained Corrosion Protection Information, With No Changes**

This paragraph restates the corrosion protection information in Note 2 of AD 2010–10–13, with no changes. At the discretion of the airplane owner/operator, corrosion protection may be embodied on those areas subject to a detailed visual inspection, in accordance with paragraph 2.E. or paragraph 2.F. of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008. Embodiment of enhanced corrosion protection in accordance with paragraph 2.E. of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008, allows the interval of the repetitive inspection (as required by paragraph (g)(2) of this AD) to be extended in the area(s) of application in accordance with paragraph (g)(2)(i) or (g)(2)(ii) of this AD, as applicable.

#### **(i) Retained Inspection Information, With No Changes**

This paragraph restates the inspection information in Note 3 of AD 2010–10–13, with no changes. The inspections required by this AD prevail over the Maintenance Review Board Report (MRBR), Maintenance Planning Document (MPD), Corrosion Prevention and Control Program (CPCP), and Supplemental Structural Inspection Document (SSID) inspections defined in paragraph 1.C.(3) of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008.

#### **(j) New Requirement of This AD: Repetitive Inspection**

At the applicable time identified in paragraph (j)(1), (j)(2), or (j)(3) of this AD; or within 6 months after the effective date of this AD; whichever occurs later: Perform a detailed visual inspection for cracking and corrosion of the wing fixed leading edge and front spar structure, in accordance with paragraph 2.C. of the Accomplishment Instructions of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 3, dated August 31, 2010. Repeat the inspection thereafter at the applicable intervals specified in paragraph 1.D.2. of BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 3, dated August 31, 2010. Accomplishing the initial inspection required by this paragraph terminates the requirements of paragraph (g) of this AD.

(1) For airplanes with less than 9 years since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of June 21, 2010 (the effective date of AD 2010–10–13): Within 18 months after June 21, 2010, or within 9 years since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness, whichever occurs later.

(2) For airplanes with 9 years or more, but less than 15 years, since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of June 21, 2010 (the effective date of AD 2010–10–13): Within 18 months after June 21, 2010, or within 16 years since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness, whichever occurs first.

(3) For airplanes with 15 years or more since date of issuance of the original airworthiness certificate or the date of issuance of the original export certificate of airworthiness as of the June 21, 2010 (the effective date of AD 2010–10–13): Within 6 months after June 21, 2010.

#### **(k) New Requirement of This AD: Repair**

If any crack or corrosion are found during any inspection required by paragraph (j) of this AD: Before further flight, repair using a method approved by the Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or BAE SYSTEMS (Operations) Limited's EASA Design Organization Approval (DOA).

#### **(l) No Provisions for Terminating Action**

Accomplishment of any repair, as required by paragraph (k) of this AD, does not constitute terminating action for inspections required by this AD.

#### **(m) Credit for Previous Actions**

This paragraph provides credit for actions required by this AD, if those actions were performed before the effective date of this AD using BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, dated February 22, 2008; or BAE SYSTEMS (Operations) Limited Inspection Service Bulletin ISB.57–072, Revision 1, dated September 25, 2008.

#### **(n) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Todd Thompson, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057–3356; telephone 425–227–1175; fax 425–227–1149.

Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. The AMOC approval letter must specifically reference this AD.

(2) *Contacting the Manufacturer:* As of the effective date of this AD, for any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the EASA; or BAE SYSTEMS (Operations) Limited's EASA DOA. If approved by the DOA, the approval must include the DOA-authorized signature.

(3) *Reporting Requirements:* A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW., Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

#### (o) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2014-0047, correction dated February 26, 2015, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-5465.

(2) For service information identified in this AD, contact BAE Systems (Operations) Limited, Customer Information Department, Prestwick International Airport, Ayrshire, KA9 2RW, Scotland, United Kingdom; telephone +44 1292 675207; fax +44 1292 675704; email [RAPublications@baesystems.com](mailto:RAPublications@baesystems.com); Internet <http://www.baesystems.com/Businesses/RegionalAircraft/index.htm>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on March 26, 2016.

**Jeffrey E. Duven,**

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2016-5595; Directorate Identifier 2015-NM-087-AD]

RIN 2120-AA64

#### Airworthiness Directives; Zodiac Seats California LLC Seating Systems

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Zodiac Seats California LLC seating systems. This proposed AD was prompted by a determination that the affected seating systems may cause serious injury to the occupant during forward impacts when subjected to certain inertia forces. This proposed AD would require removing affected seating systems. We are proposing this AD to prevent serious injury to the occupant during forward impacts in emergency landing conditions.

**DATES:** We must receive comments on this proposed AD by June 6, 2016.

**ADDRESSES:** You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, 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:* Deliver to Mail address above 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> by searching for and locating Docket No. FAA-2016-5595; or in person at the Docket Management Facility 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 Office (phone: 800-647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

#### FOR FURTHER INFORMATION CONTACT:

Patrick Farina, Aerospace Engineer, Cabin Safety Branch, ANM-150L, FAA, Los Angeles Aircraft Certification Office (ACO), 3960 Paramount Boulevard, Lakewood, CA 90712-4137; phone: 562-627-5344; fax: 562-627-5210; email: [patrick.farina@faa.gov](mailto:patrick.farina@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposal. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2016-5595; Directorate Identifier 2015-NM-087-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 because of 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

We determined that occupants of certain Zodiac Seats California LLC seating systems having model numbers 4157, 4170, and 4184, may experience serious injury during forward impacts when subjected to inertia forces as defined by 14 CFR 25.561 and 14 CFR 25.562 (and thus are noncompliant with 14 CFR 25.785). The affected seating systems are installed on, but not limited to, various transport category airplanes.

The impact of the head onto a typical transport passenger seat back during seat qualification testing normally results in an initial contact followed by an unimpeded sliding motion down the back of the seat. That type of interaction does not typically result in excessive neck loading or direct concentrated loading on the neck. The design of the affected seating systems introduce new injury mechanisms such that the chin can catch on the seat, causing high neck bending loads and direct concentrated loading on the neck. This interaction between the head and the seat during forward impacts can result in serious injury to the occupant.

14 CFR 25.785 states that seat designs cannot cause a serious injury to the occupant when making proper use of the seat and restraint and subjected to the inertia forces specified in 14 CFR