ANAC, 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 ACO, send it to ATT: Program Manager, Continuing Operational Safety, FAA, New York ACO, 1600 Stewart Avenue, Suite 410, Westbury, New York 11590; telephone 516–228–7300; fax 516–794–5531. 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) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

Related Information


Material Incorporated by Reference

(l) You must use Bombardier Service Bulletin 84–27–52, dated May 25, 2010, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Bombardier, Inc., Q-Series Technical Help Desk, 123 Garratt Boulevard, Toronto, Ontario M3K 1Y5, Canada; telephone 416–375–4000; fax 416–375–4539; e-mail thd.qseries@aero.bombardier.com; Internet http://www.bombardier.com.

(3) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425–227–1221.

(4) You may also review copies of the service information that is incorporated by reference 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.

Issued in Renton, Washington, on June 14, 2011.

Ali Bahrami,
Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2011–15367 Filed 6–24–11; 8:45 am]
ALS Part 3 policy for exceptional short-term extensions, as defined in “Ref (C) ALS paragraph 9.” Hawaiian reasoned that the proposed requirement would also restrict operators from adjusting the interval on two-star certification maintenance requirements (CMR**) in accordance with the operators approved escalation practices or approved reliability program, as allowed per “Ref (C) paragraph 6.B.”

We partially agree. While we do not agree to remove paragraph (j) or delete the inspection interval in paragraph (j) of this final rule, we agree to add the phrase, “other than those specified in Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010,” which allows operators to use alternative inspections and alternative inspection intervals within the guidelines of Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010. We have also revised paragraph (g) of this AD by replacing the phrase “at the times” with the phrase “within the times” to clarify all compliance times and extensions specified in Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, are acceptable.

Request for Inclusion of Appropriate AD


We agree to revise this final rule to reference EASA AD 2006–0224, dated July 27, 2006, in paragraph (l) of this AD. We have determined that EASA AD 2006–0224, dated July 27, 2006, is the appropriate corresponding EASA AD for this final rule.

Conclusion

We reviewed the available data, including the comments received, and determined that air safety and the public interest require adopting the AD with the changes described previously. We determined that these changes will not increase the economic burden on any operator or increase the scope of the AD.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information. We might also have required different actions in this AD from those in the MCAI in order to follow our FAA policies. Any such differences are highlighted in a Note within the AD.

Costs of Compliance

We estimate that this AD will affect about 55 products of U.S. registry. The actions that are required by AD 2007–05–08 and retained in this AD take about 1 work-hour per product, at an average labor rate of $85 per work-hour. Based on these figures, the estimated cost of the currently required actions is $85 per product.

We estimate that it will take about 1 work-hour per product to comply with the new basic requirements of this AD. The average labor rate is $85 per work-hour. Based on these figures, we estimate the cost of this AD to the U.S. operators to be $4,675, or $85 per product.

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

This AD will not have federalism implications under Executive Order 13132. This AD 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.

For the reasons discussed above, I certify that this AD:
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.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

Examining the AD Docket

You may examine the AD docket on the Internet at http://www.regulations.gov; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains the NPRM, 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.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 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 Amendment 39–14969 (72 FR 9658, March 5, 2007) and adding the following new AD:

Applicability

Subject
(d) Air Transport Association (ATA) of America Code 05.

Reason
(e) The mandatory continuing airworthiness information (MCAI) states:

The airworthiness limitations applicable to the Certification Maintenance Requirements (CMR) are given in Airbus A330 ALS Part 3, which is approved by the European Aviation Safety Agency (EASA).

The revision 03 of Airbus A330 ALS Part 3 introduces more restrictive maintenance requirements and/or airworthiness limitations. Failure to comply with this revision constitutes an unsafe condition.

The unsafe condition is safety-significant latent failures that would, in combination with one or more other specific failures or events, result in a hazardous or catastrophic failure condition.

Note 1: This AD requires revisions to certain operator maintenance documents to include new inspections. Compliance with these inspections is required by 14 CFR 91.403(c). For airplanes that have been previously modified, altered, or repaired in the areas addressed by these inspections, the operator may not be able to accomplish the inspections described in the revisions. In this situation, to comply with 14 CFR 91.403(c), the operator must request approval for an alternative method of compliance according to paragraph (k) of this AD. The request should include a description of changes to the required inspections that will ensure the continued damage tolerance of the affected structure. The FAA has provided guidance for this determination in Advisory Circular (AC) 25–1529–1A.

Restatement of Requirements of AD 2007–05–08, With Requirements for Model A340 Airplanes Removed
Revise the Airworthiness Limitations Section (ALS) of the Instructions for Continued Airworthiness


(1) The associated interval for any new task is to be counted from April 9, 2007.

(2) The associated interval for any revised task is to be counted from the previous performance of the task.

New Requirements of This AD
Revise the Maintenance Program
(g) Unless already done, within 90 days of the effective date of this AD: Revise the maintenance program which ensures the continuing airworthiness of each operated airplane by incorporating Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010. Within the times specified in the Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, comply with all applicable maintenance requirements and associated airworthiness limitations included in Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, except as provided by paragraphs (h) and (i) of this AD. Doing this revision terminates the requirements of paragraph (f) of this AD for that airplane only.

Exceptions to the Certification Maintenance Requirements (CMR) Tasks
(h) At the latest of the times specified in paragraph (h)(1), (h)(2), or (h)(3) of this AD: Do the first accomplishment of Airbus A330 CMR Task 213100–00001–2–C, Pressure Control Monitoring, of Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010.

(1) Before the accumulation of 48,000 total flight hours.

(2) Within 18,000 flight hours after the most recent accomplishment of Airbus A330 Maintenance Review Board Report (MRBR) Task 21.31.00/05.

(3) Within three months after the effective date of this AD.

(i) At the latest of the times specified in paragraph (i)(1), (i)(2), or (i)(3) of this AD: Do the first accomplishment of Airbus A330 CMR Tasks 242000–00005–1–C, AC Generation; 243000–00001–1–C, DC Generation; and 243000–00002–1–C, DC Generation; of Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010.

(1) Before the accumulation of 12,000 total flight hours.

(2) Within 12,000 flight hours after the most recent accomplishment of Airbus A330 MRBR Task 24.20.00/17, 24.30.00/04, or 24.30.00/05 respectively.

(3) Within three months after the effective date of this AD.

No Alternative Inspections or Intervals
(j) After accomplishing the action required by paragraph (g) of this AD, no alternative inspections or inspection intervals may be used, other than those specified in Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, unless the inspections or intervals are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (k)(1) of this AD.

FAA AD Differences
Note 2: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions
(k) The following provisions also apply to this AD:
(1) Alternative Methods of Compliance (AMOCs): The Manager, ANM–116, International Branch, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Vladimir Ulyanov, Aerospace Engineer, International Branch, ANM–116, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057–3356; telephone (425) 227–1138; fax (425) 227–1149. 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) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

Related Information

Material Incorporated by Reference
(m) You must use Airbus A330 Certification Maintenance Requirements, Document 955.2074/93, Issue 19, dated March 22, 2006; and Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010; as applicable; to do the actions required by this AD, unless the AD specifies otherwise. The revision level of Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, is identified only on the title page of the document; the revision date of this document is not identified on the title page.

(1) The Director of the Federal Register approved the incorporation by reference of Airbus A330 ALS, Part 3—Certification Maintenance Requirements, Revision 03, dated July 29, 2010, under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) The Director of the Federal Register previously approved the incorporation by reference of Airbus A330 Certification

(3) For service information identified in this AD, contact Airbus SAS—Airworthiness Office—EAL, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 30 96; fax +33 5 61 93 45 80; e-mail airworthiness.a330-A340@airbus.com; Internet http://www.airbus.com.

(4) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425–227–1221.

(5) You may also review copies of the service information that is incorporated by reference 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.

Issued in Renton, Washington, on June 14, 2011.

Ali Bahrami,
Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2011–15366 Filed 6–24–11; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Bombardier, Inc. Model DHC–8–400 Series Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct unsatisfactory conditions on an aviation product. The MCAI describes the unsatisfactory condition as:

Bombardier Aerospace has completed a system safety review of the aeroplanes fuel system against fuel tank safety standards introduced in chapter 525 of the Airworthiness Manual through Notice of Proposed Amendment (NPA) 2002–043 [which corresponds with the FAA’s Special Federal Aviation Regulation (SFAR) 88]. The identified non-compliances were then assessed using Transport Canada Policy Letter No. 525–001, to determine if mandatory corrective action is required. The assessment showed that a number of modifications to the fuel system are required to mitigate unsafe conditions that could result in potential ignition source within the fuel system.

We are issuing this AD to require actions to correct the unsatisfactory condition on these products.

DATES: This AD becomes effective August 1, 2011.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of August 1, 2011.

ADDRESSES: You may examine the AD docket on the Internet at http://www.regulations.gov or in person at the U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE, Washington, DC.

FOR FURTHER INFORMATION CONTACT:

SUPPLEMENTARY INFORMATION:
Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. That NPRM was published in the Federal Register on February 7, 2011 (76 FR 6584). That NPRM proposed to correct an unsatisfactory condition for the specified products. The MCAI states:

Bombardier Aerospace has completed a system safety review of the aeroplanes fuel system against fuel tank safety standards introduced in chapter 525 of the Airworthiness Manual through Notice of Proposed Amendment (NPA) 2002–043 [which corresponds with the FAA’s Special Federal Aviation Regulation (SFAR) 88]. The identified non-compliances were then assessed using Transport Canada policy Letter No. 525–001; to determine if mandatory corrective action is required. The assessment showed that a number of modifications to the fuel system are required to mitigate unsafe conditions that could result in potential ignition source within the fuel system.

The Bombardier modifications include:

• Modsum 4–126366, “Fuel Tank System and Fuel Indication—Wiring Identification, Segregation and Installation (High Level Sensor and Fuel Quantity Indication)—Retrofit.” The retrofit includes adding new wiring with protective sleeving, reworking existing wiring, labeling and separating the fuel quantity indicating (FQI) wiring and high level sensor wiring from other wiring, enhancing the electro-magnetic interference (EMI) shielding of the wiring connected to the vent valve position switch, and installing additional provisions (bulkhead brackets) for wiring clips in the center fuselage.

• Modsum 4–901425, “Fuel Feed to APU—Replacement of Couplings in Center Wing Left Side—SFAR 88.”

• Modsum 4–126370, “Fuel Tank System—Enhance Protective Covering for Electrical Cable Assembly,” which includes reworking the contact area on the rib at Yw–42.000 to ensure adequate electrical bonding, installing spiral wrap on certain cable assemblies where existing spiral wrap does not extend 4 inches past the tie mounts, applying a dome seal on thread openings on a high level sensor, and installing fuel grommets at certain locations.

• Modsum 4–113580, “Fuel Indication—High Level Sensor—Application of Sealant to Exposed End of Sensor Terminal Block Screws—Special Inspection and Rectification,” which includes doing a detailed inspection of the high level sensor for correct sealant coverage (‘dome seal’) on the terminal screws, and applying sealant if necessary.

You may obtain further information by examining the MCAI in the AD docket.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM or on the determination of the cost to the public.

Conclusion

We reviewed the available data and determined that air safety and the public interest require adopting the AD as proposed.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in

and other related components with new, improved parts; applying Alodine 1132 to certain areas of a wing rib and a wing spar; and replacing a certain doubler on the front wing spar with a new, improved doubler.

• Modsum 4–126366, “Fuel Tank System and Fuel Indication—Wiring Identification, Segregation and Installation (High Level Sensor and Fuel Quantity Indication)—Retrofit.” The retrofit includes adding new wiring with protective sleeving, reworking existing wiring, labeling and separating the fuel quantity indicating (FQI) wiring and high level sensor wiring from other wiring, enhancing the electro-magnetic interference (EMI) shielding of the wiring connected to the vent valve position switch, and installing additional provisions (bulkhead brackets) for wiring clips in the center fuselage.

• Modsum 4–901425, “Fuel Feed to APU—Replacement of Couplings in Center Wing Left Side—SFAR 88.”

• Modsum 4–126370, “Fuel Tank System—Enhance Protective Covering for Electrical Cable Assembly,” which includes reworking the contact area on the rib at Yw–42.000 to ensure adequate electrical bonding, installing spiral wrap on certain cable assemblies where existing spiral wrap does not extend 4 inches past the tie mounts, applying a dome seal on thread openings on a high level sensor, and installing fuel grommets at certain locations.

• Modsum 4–113580, “Fuel Indication—High Level Sensor—Application of Sealant to Exposed End of Sensor Terminal Block Screws—Special Inspection and Rectification,” which includes doing a detailed inspection of the high level sensor for correct sealant coverage (‘dome seal’) on the terminal screws, and applying sealant if necessary.

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Comments

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Conclusion

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Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in