
If any cracking is found during any inspection required by this AD: Before further flight, repair the cracking using a method approved in accordance with the procedures specified in paragraph (n) of this AD.

(m) Exception to Boeing Alert Service Bulletin 747–53A2367, Revision 5, Dated July 8, 2014

Where paragraph 1.E., “Compliance,” of Boeing Alert Service Bulletin 747–53A2367, Revision 5, dated July 8, 2014, specifies a compliance time “after the Revision 5 date of this service bulletin,” this AD requires compliance within the specified compliance time “after the effective date of this AD.”

(n) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Seattle Aircraft Certification Office (ACO), 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 manager of the ACO, send it to the attention of the person identified in paragraph (o) of this AD. Information may be emailed to: 9-ANM-Seattle-ACO-AMOC-Requests@faa.gov.

(2) 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.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by the Boeing Commercial Airplanes Organization Designation Authorization (ODA) that has been authorized by the Manager, Seattle ACO, to make those findings. To be approved, the repair method, modification, or alteration deviation must meet the certification basis of the airplane and the approval must specifically refer to this AD.

(o) Related Information

For more information about this AD, contact Nathan Weigand, Aerospace Engineer, Airframe Branch, ANM–1205, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue SW., Renton, WA 98057–3356; phone: 425–917–6428; fax: 425–917–6590; email: nathan.p.weigand@faa.gov.

(p) Material Incorporated by Reference

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

(2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.


(3) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, P.O. Box 3707, MC 2H–65, Seattle, WA 98124–2207; telephone 206–544–5000, extension 1; fax 206–766–5680; Internet https://www.myboeingfleet.com.

(4) You may view this service information at 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.

(5) You may view this 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/cfr/ibr-locations.html.

Issued in Renton, Washington, on November 4, 2015.

Dionne Palermo,
Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2015–28691 Filed 11–19–15; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems)

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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems) flightcrew oxygen mask regulators as installed on, but not limited to, various transport and small airplanes. This AD was prompted by a report that improper maintenance on oxygen mask regulators was found. This AD requires the identification and replacement of all potentially affected units. This AD also requires installation of a placard and revision of the airplane flight manual to include an operational procedure for use in case of depressurization. We are issuing this AD to detect and correct affected oxygen mask regulators, which could lead to inadequate protection to the affected flightcrew against hypoxia.
Hypoxia can start from a headache and drowsiness and lead eventually to unconsciousness with severe consequence in terms of airplane controllability.

DATES: This AD becomes effective December 28, 2015.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of December 28, 2015.

ADDRESSES: You may examine the AD docket on the Internet at http://www.regulations.gov/#/documentDetail;D=FAA-2015-0927; or in person at the Docket Management Facility, U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC.

For service information identified in this AD, contact Zodiac Services, Technical Publication Department, Zodiac Aerotechnics, Oxygen Systems Europe, 61 Rue Pierre Curie—CS20001, 78373 Plaisir Cedex, France; phone: (33) 01 61 24 23 23; fax: (33) 01 30 55 71 61; email: yann.laine@zodiacaerospace.com; Internet: http://www.zodiacaerospace.com. 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. It is also available on the Internet at http://www.regulations.gov/…. You may examine the AD docket on the Internet at http://www.regulations.gov/#/documentDetail;D=FAA-2015-0927-0004.


SUPPLEMENTARY INFORMATION:

Discussion
We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems) flightcrew oxygen mask regulators as installed on, but not limited to, various transport and small airplanes. The NPRM published in the Federal Register on April 22, 2015 (80 FR 22438).

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union has issued EASA Airworthiness Directive 2012–0254R1, dated December 21, 2012 (referred to after this as the Mandatory Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems) flightcrew oxygen mask regulators as installed on, but not limited to, various transport and small airplanes. The MCAI states:

In a repair station, improper maintenance on flightcrew oxygen mask regulators was reported to Intertechnique: during an inspection of the oxygen test bench by its manufacturer, incorrect settings were noticed. This test bench setting discrepancy on the oxygen mask regulator could cause an improper mask dilution schedule.

This condition, if not detected and corrected, could lead, in case of a diversion above 10,000 feet after a depressurization event, to the inhalation of air with improper content of oxygen, due to the bad dilution settings, thereby providing inadequate protection to the affected flightcrew member against hypoxia, which can start from a headache and drowsiness and lead eventually to unconsciousness with severe consequence in term of aeroplane controllability.

For the reasons described above, this [EASA] AD requires the identification and replacement of all potentially affected units. This [EASA] AD also requires installation of a placard and [a revision to the airplane flight manual to include] * * * an operational procedure [in case of depressurization] pending replacement of the affected units. * * * * * * * *

You may examine the MCAI in the AD docket on the Internet at http://www.regulations.gov/#/documentDetail;D=FAA-2015-0927-0004.

Related Service Information Under 1 CFR Part 51

Zodiac Services has issued Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012. The service information describes procedures for the identification and replacement of all potentially affected units. 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 of this AD.

Costs of Compliance
We estimate that this AD affects 13 airplanes of U.S. registry.

We also estimate that it will take about 3 work-hours per product to comply with the basic requirements of this AD. The average labor rate is $85 per work-hour. Required parts will cost about $225 per product. Based on these figures, we estimate the cost of this AD on U.S. operators to be $6,240, or $480 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.

Requests for information on this rulemaking should be addressed to the Acting Manager, Aircraft Certification Service, U.S. Department of Transportation, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA 98055; phone: 425–227–1221; email: ian.lucas@faa.gov; Internet: http://www.regulations.gov/#/documentDetail;D=FAA-2015-0927-0004.

You may examine the AD docket on the Internet at http://www.regulations.gov/#/documentDetail;D=FAA-2015-0927-0004.
Regulatory Findings
We determined that 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 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.

Examining the AD Docket
You may examine the AD docket on the Internet at http://www.regulations.gov/#!/docketDetail?id=FAA-2015-0927; 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 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.

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

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):


(a) Effective Date
This AD becomes effective December 28, 2015.

(b) Affected ADs
None.

(c) Applicability
This AD applies to Zodiac Aerotechnics (formerly Intertechnique Aircraft Systems) flightcrew oxygen mask regulators having part number MC10, MF10, and MF20 series, with serial numbers listed in Appendix 1 of Zodiac Services Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012. These oxygen mask regulators are installed on various transport and small airplanes, certificated in any category, including, but not limited to, the airplanes of the manufacturers specified in paragraphs (c)(1), (c)(2), (c)(3), (c)(4), (c)(5), (c)(6), and (c)(7) of this AD. An oxygen mask regulator having part number MC10–04–127 with serial number 48573 is affected only if it is part of part number M301–27 with serial number 7521.

(1) Airbus.
(2) ATR—GIE Avions de Transport Regional.
(3) The Boeing Company.
(4) Bombardier, Inc.
(5) Cessna Aircraft Company.
(6) Gulfstream Aerospace Corporation.
(7) Gulfstream Aerospace LP.

(d) Subject
Air Transport Association (ATA) of America Code 35, Oxygen.

(e) Reason
This AD was prompted by a report that improper maintenance on oxygen mask regulators was found. During an inspection of the oxygen test bench, incorrect settings were noticed. This test bench setting discrepancy on the oxygen mask regulator could cause an improper mask dilution schedule. We are issuing this AD to detect and correct affected oxygen mask regulators, which could lead, in case of mask usage at or above 10,000 feet after a depressurization event, to the inhalation of air with improper content of oxygen, due to the bad dilution settings, thereby providing inadequate protection to the affected flightcrew against hypoxia. Hypoxia can start from a headache and drowsiness and lead eventually to unconsciousness with severe consequence in terms of airplane controllability.

(f) Compliance
Comply with this AD within the compliance times specified, unless already done.

(g) Inspection
Within 30 days after the effective date of this AD, inspect each flightcrew oxygen mask regulator to identify the part number and serial number, in accordance with the Accomplishment Instructions of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012. A review of airplane maintenance records is acceptable to make the determination as specified in this paragraph, provided those records can be relied upon for that purpose, and each flightcrew oxygen mask regulator can be conclusively identified from that review.

(h) Action for Affected Regulators
If the part number and serial number, identified as required by paragraph (g) of this AD, are listed in Appendix 1 of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012, within 30 days after the effective date of this AD, accomplish the actions specified in paragraph (h)(1) or (h)(2) of this AD.

(1) Replace each affected flightcrew oxygen mask regulator with a part identified in paragraph (h)(1)(i) or (h)(2)(i) of this AD.

(i) A serviceable part, not having a part number and serial number listed in Appendix 1 of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012.

(ii) A part that has been tested and passed the test in accordance with paragraph 3.A.(4) of the Accomplishment Instructions of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012.

(2) Do the actions specified in paragraphs (h)(2)(i) and (h)(2)(ii) of this AD.

(i) Revise the Emergency Procedures section of the airplane flight manual (AFM) by inserting the statement provided in figure 1 to paragraph (h)(2)(i) of this AD. This may be done by inserting a copy of figure 1 to paragraph (h)(2)(i) of this AD into the AFM.

Note 1 to paragraph (h)(2)(i) of this AD:
For oxygen over-consumption, refer to applicable airplane type certificate holder limitations, if existing, depending on the airplane configuration and/or flight plan.

Note 2 to paragraph (h)(2)(i) of this AD: It is the operators’ responsibility to assess the operational consequences of the oxygen over-consumption and ensure that the operational requirements with regard to supplemental oxygen and crew protective breathing equipment are still done. Operators are expected to amend, as applicable, their operations manual(s) accordingly.

(iii) Fabricate and install a placard on the flightcrew oxygen mask container that states: “USE SELECTOR on ‘100%’ OR ‘EMERGENCY’ ONLY.”
(i) Regulator Replacement

Within 12 months after the effective date of this AD, the lessors already accomplished as specified in paragraph (h)(1) of this AD, replace each affected flight crew oxygen mask regulator identified in paragraph (h) of this AD with a part identified in paragraph (i)(1) or (i)(2) of this AD. After replacement of all affected flight crew oxygen mask regulators on an airplane, the actions specified in paragraph (h)(2) of this AD are no longer required, the AFM revision specified in paragraph (h)(2)(i) of this AD may be removed from the AFM, and the placard identified in paragraph (h)(2)(ii) of this AD may be removed from the airplane.


(2) A part that has been tested and passed the test in accordance with paragraph 3.A.(4) of the Accomplishment Instructions of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012.

(j) Credit for Previous Actions

This paragraph provides credit for actions required by paragraphs (g), (h)(1)(i), and (i)(2) of this AD, if those actions were performed before the effective date of this AD using Zodiac Aerospace Service Bulletin MCF–SBU–35–001, dated October 25, 2012, which is not incorporated by reference in this AD.

(k) Parts Installation Limitation

As of the effective date of this AD, no person may install any flight crew oxygen mask regulator with a part number and serial number listed in Appendix 1 of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012, on any airplane, unless the regulator has been tested and passed the test, in accordance with paragraph 3.A.(4) of the Accomplishment Instructions of Zodiac Aerospace Service Bulletin MCF–SBU–35–001, Revision 1, dated December 3, 2012.

(l) Alternative Methods of Compliance (AMOCs)

The Manager, Boston Aircraft Certification Office (ACO), ANE–150, 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 ATTN: Ian Lucas, Aerospace Engineer, Boston Aircraft Certification Office, ANE–150, FAA, 12 New England Executive Park, Burlington, MA 01803; phone: 781–238–7757; fax: 781–238–7170; email: ian.lucas@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.

(m) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Information Directive 2012–0254R1, dated December 21, 2012, for related information. This MCAI may be found in the AD docket on the Internet at http://www.regulations.gov/

#documentDetail;D=FAA–2015–0927–0004.

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (n)(3) and (n)(4) of this AD.

(n) Material Incorporated by Reference

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

You must use this service information as applicable to do the actions required by this AD, unless this AD specifies otherwise.


(ii) Reserved.

(3) For service information identified in this AD, contact Zodiac Services, Technical Publication Department, Zodiac Aerotechnics, Oxygen Systems Europe, 61 Rue Pierre Curie—CS20001, 78373 Plaisir Cedex, France; phone: (33) 01 61 24 23 23; fax: (33) 01 30 55 71 61; email: yann.laine@zodiacaerospace.com; Internet: http://www.zodiacaerospace.com.

(4) 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.

(5) You may view this 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/cfr/ibr-locations.html.

Issued in Renton, Washington, on November 3, 2015.

Dionne Palermo,
Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 2015–28883 Filed 11–19–15; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64

Airworthiness Directives; The Boeing Company Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for certain The Boeing Company Model 747–8 series airplanes. This AD was prompted by a report of improperly installed outboard stowage bin modules in the passenger compartment found during maintenance. Further investigation revealed that certain attachment bracket bushings were missing or had moved out of the holes. This AD requires installing a spacer on the end of each quick-release pin that attaches the outboard stowage bin module to the lateral support tie rods of the main deck passenger compartment. We are issuing this AD to prevent detachment of the quick-release pin, which could result in separation of the lateral support tie rod and subsequent detachment of the module and consequent injuries to passengers or flightcrew.

DATES: This AD is effective December 28, 2015.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of December 28, 2015.

ADDRESSES: For service information identified in this AD, contact Boeing Commercial Airlines, Attention: Data & Services Management, P.O. Box 3707, MC 2H–65, Seattle, WA 98124–2207; telephone 206–544–5000, extension 1; fax 206–766–5680; Internet https://my.boeingfleet.com. 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. It is also available on the Internet at http://www.regulations.gov by searching for and locating Docket No. FAA–2015–0932.

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–2015–0932; 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 AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (phone: 800–647–5527) is Docket Management Facility, U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue SE., Washington, DC 20590.