

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

[Docket No. FAA-2007-27864 Directorate Identifier 2007-CE-038-AD; Amendment 39-15161; AD 2007-17-03]

RIN 2120-AA64

Airworthiness Directives; Pacific Aerospace Corporation, Ltd. Model 750XL 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) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

To prevent damage to the rear spar due to working and failing rivets between the rear spar and the inboard rib * * *

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

DATES: This AD becomes effective September 25, 2007.

On September 25, 2007, the Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD.

ADDRESSES: You may examine the AD docket on the Internet at <http://dms.dot.gov> or in person at Document 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.

FOR FURTHER INFORMATION CONTACT: Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090.

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 June 15, 2007 (72 FR 33166). That NPRM proposed to correct an unsafe condition for the specified products. The MCAI states:

To prevent damage to the rear spar due to working and failing rivets between the rear spar and the inboard rib * * *

The MCAI requires inspecting the inboard end of the rear spar for security of the blind rivets, inspecting the radii of the rear spar upper and lower flanges for cracking, inspecting the aft flange of the inboard rib for cracking, replacing the rear spar if cracks are found in any of the inspections, and replacing rear spar blind rivets with bolts or rivets.

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 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 FAA policies. Any such differences are highlighted in a Note within the AD.

Costs of Compliance

We estimate that this AD will affect 7 products of U.S. registry. We also estimate that it will take about 40 work-hours per product to comply with basic requirements of this AD. The average labor rate is \$80 per work-hour. Required parts will cost about \$200 per product.

Based on these figures, we estimate the cost of this AD to the U.S. operators to be \$23,800 or \$3,400 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

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 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 AD and placed it in the AD Docket.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://dms.dot.gov>; 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 the NPRM, the regulatory evaluation, any comments received, and other information. The street address for the Docket 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 adding the following new AD:

2007-17-03 Pacific Aerospace Corporation, Ltd.: Amendment 39-15161; Docket No. FAA-2007-27864; Directorate Identifier 2007-CE-038-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective September 25, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model 750XL airplanes, serial numbers 101, 102, and 104 through 128, certificated in any category.

Subject

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

Reason

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

To prevent damage to the rear spar due to working and failing rivets between the rear spar and the inboard rib * * *

The MCAI requires inspecting the inboard end of the rear spar for security of the blind rivets, inspecting the radii of the rear spar upper and lower flanges for cracking, inspecting the aft flange of the inboard rib for cracking, replacing the rear spar if cracks are found in any of the inspections, and replacing the rear spar blind rivets with bolts or rivets.

Actions and Compliance

(f) Unless already done, do the following actions in accordance with Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/022, dated February 14, 2007:

(1) Within 50 hours time-in-service (TIS) after September 25, 2007 (the effective date of this AD), and thereafter at intervals not to exceed 150 hours TIS until the blind rivets have been replaced by bolts or rivets as required in paragraph (f)(3) of this AD, inspect the inboard end of the rear spar for security of the blind rivets, which attach the fuselage attach fitting to the rear spar and inboard rib; inspect the radii of the rear spar upper and lower flanges for cracking; and inspect the aft flange of the inboard rib for cracking.

(2) Before further flight, after any inspection where cracking is found, repair the aft flange of the inboard rib and/or replace the rear spar.

(3) Within the next 12 months after September 25, 2007 (the effective date of this AD) or within the next 300 hours TIS after September 25, 2007 (the effective date of this AD), whichever occurs first, replace the blind rivets (part number NAS1738E-6-6) that join

the rear spar and the aft end of the inboard rib with bolts or rivets.

(4) After the modification required in paragraph (f)(3) of this AD, repetitively inspect the main wing aft attachment area at intervals not to exceed 12 months or 300 hours TIS, whichever occurs first. If any cracks are found, prior to further flight, repair the main wing aft attachment area.

FAA AD Differences

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

Other FAA AD Provisions

(g) The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, Standards Staff, FAA, ATTN: Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(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.

(3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(h) Refer to the Civil Aviation Authority (CAA), which is the airworthiness authority for New Zealand AD DCA/750XL/9, dated March 29, 2007; and Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/022, dated February 14, 2007, for related information.

Material Incorporated by Reference

You must use Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/022, dated February 14, 2007, 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 Pacific Aerospace Limited, Hamilton Airport, Private Bag, 3027 Hamilton, New Zealand; telephone: +64 7-843-6144; facsimile: +64 7-843-6134.

(3) You may review copies at the FAA, Central Region, Office of the Regional

Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Kansas City, Missouri, on August 8, 2007.

John R. Colomy,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. E7-15978 Filed 8-20-07; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2007-27191; Directorate Identifier 2007-CE-007-AD; Amendment 39-15167; AD 2007-17-09]

RIN 2120-AA64

Airworthiness Directives; Mitsubishi Heavy Industries MU-2B Series Airplanes

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

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) to supersede 93-07-11 and AD 94-04-16, which apply to certain Mitsubishi Heavy Industries MU-2B series airplanes. AD 93-07-11 and AD 94-04-16 currently require you to reduce the maximum deflection of the elevator nose-down trim to a 1-degree to 3-degree range. When the above AD actions were issued, there was no associated elevator trim indicator change. Without such change, the trim reaches the maximum nose-down limit and the indicator still shows additional nose-down trim available. In attempting to force additional nose-down trim, pilots have manually jammed the trim system preventing subsequent electric trim changes until the pilot manually freed the trim wheel. Consequently, this AD retains the actions from AD 93-07-11 and AD 94-04-16 and adds the action of modifying the elevator trim indicator scale dial to be consistent with the reduced elevator trim capability. We are issuing this AD to prevent the above scenarios from occurring with consequent loss of control.

DATES: This AD becomes effective on September 25, 2007.

On September 25, 2007, the Director of the Federal Register approved the incorporation by reference of Mitsubishi