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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2014-0516; Directorate Identifier 2014-CE-021-AD; Amendment 39-17987; AD 2014-20-14]

RIN 2120-AA64

Airworthiness Directives; Pacific Aerospace Limited Airplanes

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

ACTION: Final rule.

SUMMARY: We are superseding Airworthiness Directive (AD) 2014-04-03 for all Pacific Aerospace Limited Model 750XL airplanes. 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 broken control column attachment bolts failing in service. We are issuing this AD to require actions to address the unsafe condition on these products.

DATES: This AD is effective November 12, 2014.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of November 12, 2014.

ADDRESSES: You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2014-0516; 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 20590.

For service information identified in this AD, contact Pacific Aerospace Limited, Hamilton Airport, Private Bag 3027 Hamilton 3240, New Zealand; telephone: +64 7 843 6144; fax: +64 7 843 6134; email: pacific@aerospace.co.nz; Internet: <http://www.aerospace.co.nz/>. You may view this referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

FOR FURTHER INFORMATION CONTACT: Karl Schletzbaum, Aerospace Engineer, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090; email: karl.schletzbaum@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to add an AD that would apply to all Pacific Aerospace Limited Model 750XL airplanes. That NPRM was published in the Federal Register on August 1, 2014 (79 FR 44722), and proposed to supersede AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014).

Since we issued AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014), Pacific Aerospace Limited revised the related service information.

The Civil Aviation Authority (CAA), which is the airworthiness authority for New Zealand, has issued AD DCA/750XL/15A, dated June 26, 2014 (referred to after this as "the MCAI"), to correct an unsafe condition for Pacific Aerospace Limited Model 750XL airplanes. The MCAI states:

DCA/750XL/15A revised to mandate the embodiment of modification PAC/XL/0627 to the control column attachment per the instructions in Pacific Aerospace Limited Service Bulletin (SB) PACSB/XL/070 issue 2, dated 3 June 2014.

The MCAI can be found in the AD docket on the Internet at:
<http://www.regulations.gov/#!documentDetail;D=FAA-2014-0516-0002>.

Comments

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM (79 FR 44722, August 1, 2014) or on the determination of the cost to the public.

Conclusion

We reviewed the relevant data and determined that air safety and the public interest require adopting the AD as proposed except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM (79 FR 44722, August 1, 2014) for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM (79 FR 44722, August 1, 2014).

Costs of Compliance

We estimate that this AD will affect 17 products of U.S. registry. We also estimate that it will take about 6 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 \$200 per product.

Based on these figures, we estimate the cost of this AD on U.S. operators to be \$12,070, or \$710 per product.

According to the manufacturer, some of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. We do not control warranty coverage for affected individuals. As a result, we have included all costs in our cost estimate.

The cost difference between AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014), and this AD is the increase in work-hours from 1.5 to 6 and the increase in cost for parts from \$100 to \$200, for an overall cost difference on U.S. operators to be \$8,202.50, or \$482.50 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 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> by searching for and locating Docket No. FAA-2014-0516; 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 removing Amendment 39-17761 (79 FR 10344, February 25, 2014) and adding the following new AD:



2014-20-14 Pacific Aerospace Limited: Amendment 39-17987; Docket No. FAA-2014-0516; Directorate Identifier 2014-CE-021-AD.

(a) Effective Date

This airworthiness directive (AD) becomes effective November 12, 2014.

(b) Affected ADs

This AD supersedes AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014).

(c) Applicability

This AD applies to Pacific Aerospace Limited Model 750XL airplanes, all serial numbers, certificated in any category.

(d) Subject

Air Transport Association of America (ATA) Code 27: Flight Controls.

(e) Reason

This AD was prompted from mandatory continuing airworthiness information (MCAI) issued by the aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as control column attachment bolts failing in service. We are issuing this AD to prevent failure of the control column attachment bolt, which could result in control column detachment and cause loss of control.

(f) Actions and Compliance

Unless already done, do the following actions in paragraphs (f)(1) and (f)(2) of this AD:

(1) As of February 24, 2014 (the effective date of AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014)), if the left hand and the right hand control column attachment bolts have been replaced following the ACCOMPLISHMENT INSTRUCTIONS in Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/070, Issue 1, dated January 24, 2014, then within the next 150 hours time-in-service (TIS) after November 12, 2014 (the effective date of this AD), replace the left hand and the right hand control column attachment bolts following the ACCOMPLISHMENT INSTRUCTIONS in Pacific Aerospace Limited Service Bulletin PACSB/XL/070, Issue 2, dated June 3, 2014.

(2) As of February 24, 2014 (the effective date of AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014)), if the left hand and the right hand control column attachment bolts have not been replaced following the ACCOMPLISHMENT INSTRUCTIONS in Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/070, Issue 1, dated January 24, 2014, then within the next 10 hours TIS after November 12, 2014 (the effective date of this AD), replace the left hand and the right hand control column attachment bolts following the ACCOMPLISHMENT

INSTRUCTIONS in Pacific Aerospace Limited Service Bulletin PACSB/XL/070, Issue 2, dated June 3, 2014.

(g) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs):

(i) The Manager, Standards Office, 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: Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4123; fax: (816) 329-4090; email: karl.schletzbaum@faa.gov.

(ii) AMOCs approved for AD 2014-04-03, Amendment 39-17761 (79 FR 10344, February 25, 2014) are not approved as AMOCs for 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.

(h) Related Information

Refer to MCAI Civil Aviation Authority (CAA) AD DCA/750XL/15A, dated June 26, 2014, and Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/070, Issue 1, dated January 24, 2014, for related information. You may examine the MCAI on the Internet at <http://www.regulations.gov/#!documentDetail;D=FAA-2014-0516-0002>.

(i) 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.

(i) Pacific Aerospace Limited Service Bulletin PACSB/XL/070, Issue 2, dated June 3, 2014.

(ii) Reserved.

(3) For Pacific Aerospace Limited service information identified in this AD, contact Pacific Aerospace Limited, Hamilton Airport, Private Bag 3027 Hamilton 3240, New Zealand; telephone: +64 7 843 6144; fax: +64 7 843 6134; email: pacific@aerospace.co.nz; Internet: <http://www.aerospace.co.nz/>.

(4) You may view this service information at FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329-4148.

(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 Kansas City, Missouri, on September 26, 2014.

Kelly A. Broadway,
Acting Manager, Small Airplane Directorate,
Aircraft Certification Service.