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## **DEPARTMENT OF TRANSPORTATION**

### **Federal Aviation Administration**

#### **14 CFR Part 39**

**[Docket No. FAA-2013-0598; Directorate Identifier 2013-CE-015-AD; Amendment 39-17506; AD 2013-14-01]**

**RIN 2120-AA64**

#### **Airworthiness Directives; Pilatus Aircraft Ltd. Airplanes**

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

**ACTION:** Final rule; request for comments.

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**SUMMARY:** We are adopting a new airworthiness directive (AD) for certain Pilatus Aircraft Ltd. Model PC-6/B2-H4 airplanes. This AD results 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 faulty rivets installed in the airframes during production could reduce the structural integrity of the airplane. We are issuing this AD to require actions to address the unsafe condition on these products.

**DATES:** This AD is effective August 5, 2013.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in the AD as of August 5, 2013.

We must receive comments on this AD by August 30, 2013.

**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 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this AD, contact Pilatus Aircraft Ltd., Customer Liaison Manager, P.O. Box 992, CH-6371 STANS, Switzerland; telephone: +41 (0)41 619 65 80; fax: +41 (0)41 619 65 76; Internet: <http://www.pilatus-aircraft.com> or email: [fodermatt@pilatus-aircraft.com](mailto:fodermatt@pilatus-aircraft.com).

You may review copies of the 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.

### **Examining the AD Docket**

You may examine the AD docket on the Internet at <http://www.regulations.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 this AD, the MCAI, 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.

**FOR FURTHER INFORMATION CONTACT:** Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: [doug.rudolph@faa.gov](mailto:doug.rudolph@faa.gov).

### **SUPPLEMENTARY INFORMATION:**

#### **Discussion**

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued AD No. 2013-0115-E, dated May 28, 2013 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

Reports have been received that rivets with insufficient shear (about 50% shear allowable) were delivered from the supplier to Pilatus. Investigations revealed that the faulty rivets were already installed in various airframes and spare parts during the production process.

This condition, if not corrected, could result in a reduced strength of the aeroplane structure.

For the reasons described above, this AD prohibits all flight operations for the affected aeroplanes, except for a ferry flight under limited flight conditions to a repair station. In order to resume flights, this AD requires accomplishment of an inspection and, depending on findings, a repair of all affected areas of the aeroplane.

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

#### **Relevant Service Information**

Pilatus Aircraft Ltd. has issued Technical Memo TM-06-000004, Issue 01, dated May 16, 2013. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

#### **FAA's Determination and Requirements of the 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 this State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are issuing this AD because we evaluated all information provided

by the State of Design Authority and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

### **FAA's Determination of the Effective Date**

An unsafe condition exists that requires the immediate adoption of this AD. The FAA has found that the risk to the flying public justifies waiving notice and comment prior to adoption of this rule because there are no airplanes currently on the U.S. registry and thus, does not have any impact upon the public. Therefore, we find that notice and opportunity for prior public comment are unnecessary and that good cause exists for making this amendment effective in less than 30 days.

### **Comments Invited**

This AD is a final rule that involves requirements affecting flight safety, and we did not precede it by notice and opportunity for public comment. We invite you to send any written relevant data, views, or arguments about this AD. Send your comments to an address listed under the ADDRESSES section. Include "Docket No. FAA-2013-0598; Directorate Identifier 2013-CE-015-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this AD. We will consider all comments received by the closing date and may amend this 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 AD.

### **Costs of Compliance**

We estimate that this AD will affect 0 products of U.S. registry at this time. We also estimate that it will take about 5 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 \$1,000 per product.

Based on these figures, we estimate there to be no cost for U.S. operators for this AD. However, if an airplane affected by this AD is at any time placed on the U.S. registry, it will cost approximately \$1,425 per product to comply with this AD.

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.

### **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 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.

### **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:



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**2013-14-01 Pilatus Aircraft Ltd.:** Amendment 39-17506; Docket No. FAA-2013-0598; Directorate Identifier 2013-CE-015-AD.

**(a) Effective Date**

This airworthiness directive (AD) becomes effective August 5, 2013.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to Pilatus Aircraft Ltd. Model PC-6/B2-H4 airplanes, serial numbers 735, 863, 909, 923, 948, 956, 958, 977, 978, 979, 980, 981, 982, 985, and 986, certificated in any category.

**(d) Subject**

Air Transport Association of America (ATA) Code 53: Fuselage.

**(e) Reason**

This AD was prompted by 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 faulty rivets installed in the airframes during production could reduce the structural integrity of the airplane. We are issuing this AD to ensure the structural integrity of the airplane.

**(f) Actions and Compliance**

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

(1) Before further flight after August 5, 2013 (the effective date of this AD), contact Pilatus Aircraft Ltd. at the address specified in paragraph (j)(3) of this AD to obtain FAA-approved inspection procedures approved specifically for compliance with this AD for inspecting the airplane for loose rivets and for places where rivets are missing, and do the inspection.

(2) If any rivet deficiencies are found during the inspection required in paragraph (f)(1) of this AD, before further flight, contact PILATUS Aircraft Ltd. at the address specified in paragraph (j)(3) of this AD to obtain an FAA-approved repair scheme approved specifically for compliance with this AD and incorporate the repair.

**(g) Other FAA AD Provisions**

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): 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: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; fax: (816) 329-4090; email: doug.rudolph@faa.gov. 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.

#### **(h) Special Flight Permit**

Special flight permits are permitted with the following limitation: A pre-flight inspection must be done following the procedures specified in paragraph 2.2 of Pilatus Technical Memo TM-06-000004, Issue 01, dated May 16, 2013.

#### **(i) Related Information**

European Aviation Safety Agency (EASA) AD No. 2013-0115-E, dated May 28, 2013, for related information, which can be found in the AD docket on the Internet at <http://www.regulations.gov>.

#### **(j) 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) Pilatus Technical Memo TM-06-000004, Issue 01, dated May 16, 2013.

(ii) Reserved.

(3) For Pilatus Aircraft Ltd service information identified in this AD, contact Pilatus Aircraft Ltd., Customer Liaison Manager, P.O. Box 992, CH-6371 STANS, Switzerland; telephone: +41 (0)41 619 65 80; fax: +41 (0)41 619 65 76; Internet: <http://www.pilatus-aircraft.com> or email: [fodermatt@pilatus-aircraft.com](mailto:fodermatt@pilatus-aircraft.com).

(4) You may view this 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.

(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 June 28, 2013.

Earl Lawrence,  
Manager, Small Airplane Directorate,  
Aircraft Certification Service.