

Pages	Revision level	Date
List of Effective Pages: Pages A through J	5	March 22, 2007.

(The revision level of this document is identified only on the title page of the document.)

(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 Empresa Brasileira de Aeronautica S.A. (EMBRAER), P.O. Box 343—CEP 12.225, Sao Jose dos Campos—SP, Brazil.

(3) You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; 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 Renton, Washington, on June 13, 2008.

Ali Bahrami,

*Manager, Transport Airplane Directorate,
Aircraft Certification Service.*

[FR Doc. E8-13926 Filed 6-24-08; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2008-0493 Directorate Identifier 2008-CE-028-AD; Amendment 39-15581; AD 2008-13-18]

RIN 2120-AA64

Airworthiness Directives; Pilatus Aircraft Ltd. PC-6 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) 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:

This Airworthiness Directive (AD) is prompted due to a potential problem with the tail landing gear locking mechanism of PC-6 series aircraft.

Investigation, carried out after an incident report, determined that both screws of the tail-wheel locking mechanism had ruptured, rendering the mechanism inoperative.

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

DATES: This AD becomes effective July 30, 2008.

On July 30, 2008, 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://www.regulations.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:

Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; 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 May 1, 2008 (73 FR 23993). That NPRM proposed to correct an unsafe condition for the specified products. The MCAI states:

This Airworthiness Directive (AD) is prompted due to a potential problem with the tail landing gear locking mechanism of PC-6 series aircraft.

Investigation, carried out after an incident report, determined that both screws of the tail-wheel locking mechanism had ruptured, rendering the mechanism inoperative.

In order to address this situation, the present AD requires you replace the two bolts of the tail-wheel locking mechanism with new ones, having higher shear strength, and install a warning placard on the tail-wheel mudguard.

The actions specified by this AD are intended to prevent, on take-off or landing runs, possible hazards associated with loss of directional control.

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

Based on the service information, we estimate that this AD will affect 50 products of U.S. registry. We also estimate that it will take about 3 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 \$120 per product.

Based on these figures, we estimate the cost of this AD to the U.S. operators to be \$18,000 or \$360 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://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 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:

2008-13-18 Pilatus Aircraft Ltd.:

Amendment 39-15581; Docket No. FAA-2008-0493; Directorate Identifier 2008-CE-028-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective July 30, 2008.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Models PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, and PC-6/C1-H2 airplanes, all serial numbers, certificated in any category.

Note 1: These airplanes may also be identified as Fairchild Republic Company PC-6 airplanes, Fairchild Heli Porter PC-6 airplanes, or Fairchild-Hiller Corporation PC-6 airplanes.

Subject

(d) Air Transport Association of America (ATA) Code 32: Landing Gear.

Reason

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

"This Airworthiness Directive (AD) is prompted due to a potential problem with the tail landing gear locking mechanism of PC-6 series aircraft.

Investigation, carried out after an incident report, determined that both screws of the tail-wheel locking mechanism had ruptured, rendering the mechanism inoperative.

In order to address this situation, the present AD requires you replace the two bolts of the tail-wheel locking mechanism with new ones, having higher shear strength, and install a warning placard on the tail-wheel mudguard.

The actions specified by this AD are intended to prevent, on take-off or landing runs, possible hazards associated with loss of directional control."

Actions and Compliance

(f) Unless already done, do the following actions:

(1) Within the next 100 hours time-in-service after July 30, 2008 (the effective date of this AD) or within the next 12 months after July 30, 2008 (the effective date of this AD), whichever occurs first:

(i) Replace the screws and nuts that attach the locking plate to the locking lever of the tail-wheel locking mechanism with steels screws and nuts following Pilatus Aircraft Ltd. Pilatus PC-6 Service Bulletin, 32-001, dated August 8, 2006.

(ii) Install the placard on the tail-wheel mudguard following Pilatus Aircraft Ltd. Pilatus PC-6 Service Bulletin, 32-001, dated August 8, 2006.

(2) As of July 30, 2008 (the effective date of this AD) do not install on any of the affected airplanes locking lever assemblies part number (P/N) 6403.0094.00 or P/N 114.45.06.077 or tail landing gear assemblies P/N 6403.0067.xx or P/N 114.45.06.050

unless they have been modified following the Accomplishment Instructions of Pilatus Aircraft Ltd. Pilatus PC-6 Service Bulletin, 32-001, dated August 8, 2006.

Note 2: The letter "x" in P/N 6403.0067.xx stands for a numeral varying from 0 to 9.

FAA AD Differences

Note 3: 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 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. 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 MCAI European Aviation Safety Agency (EASA), AD No. 2008-0070, dated April 15, 2008; and Pilatus Aircraft Ltd. Pilatus PC-6 Service Bulletin 32-001, dated August 8, 2006, for related information.

Material Incorporated by Reference

(i) You must use Pilatus Aircraft Ltd. Pilatus PC-6 Service Bulletin, 32-001, dated August 8, 2006, 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 Pilatus Aircraft Ltd., Customer Liaison Manager, CH-6371 STANS, Switzerland; telephone: +41 (0)41 619 65 80; fax: +41 (0)41 619 65 76; email: fodermatt@pilatus-aircraft.com.

(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 June 13, 2008.

David R. Showers,

Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. E8-14106 Filed 6-24-08; 8:45 am]

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DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

15 CFR Part 296

[Docket No.: 071106659-8716-02]

RIN 0693-AB59

Technology Innovation Program

AGENCY: National Institute of Standards and Technology, United States Department of Commerce.

ACTION: Final rule.

SUMMARY: The Deputy Director of the National Institute of Standards and Technology (NIST), United States Department of Commerce, issues a final rule to implement the Technology Innovation Program (TIP). This rule prescribes the policies and procedures for the award of financial assistance (grants and/or cooperative agreements) under TIP.

DATES: This rule is effective on June 25, 2008.

FOR FURTHER INFORMATION CONTACT:

Barbara Lambis, National Institute of Standards and Technology, Mail Stop 4700, Gaithersburg, MD 20899-8600, telephone number (301) 975-4447, e-mail barbara.lambis@nist.gov.

Background

The America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science (COMPETES) Act, Public Law 110-69, was enacted on August 9, 2007, to invest in innovation through research and development and to improve the competitiveness of the United States. Section 3012 of the COMPETES Act established TIP for the purpose of assisting United States businesses and institutions of higher education or other organizations, such as national laboratories and nonprofit research institutions, to support, promote, and accelerate innovation in the United States through high-risk, high-reward research in areas of critical national need. High-risk, high-reward research is research that has the potential for

yielding transformational results with far-ranging or wide-ranging implications; addresses areas of critical national need that support, promote, and accelerate innovation in the United States and is within NIST's areas of technical competence; and is too novel or spans too diverse a range of disciplines to fare well in the traditional peer review process. Section 3012(f) of the America COMPETES Act requires the NIST Director to promulgate regulations implementing the TIP.

NIST published a notice of proposed rulemaking with a request for public comments in the **Federal Register** on March 7, 2008 (46 FR 12305) to seek public comment on proposed regulations implementing TIP, which included policies and procedures for the award of financial assistance (grants and/or cooperative agreements) under TIP. The notice specifically sought comment on how NIST should determine if "reasonable and thorough efforts have been made to secure funding from alternative funding sources and no other alternative funding sources are reasonably available." In addition, the **Federal Register** notice informed the public that NIST was revising the heading of Subchapter K of its regulations to accurately reflect the current contents of that subchapter.

The comment period closed on April 21, 2008.

In response to the comment received regarding the ownership of invention rights in the course of a bankruptcy or dissolution, and also to correct the following typographical errors and inconsistencies and clarify terminology found in the proposed rule, NIST makes the following changes from the proposed rule:

In the Table of Contents, the titles of section 296.11 and the title of Subpart C were revised to be consistent with the titles of that section and subpart within the body of the rule. The title of section 296.20 in both the Table of Contents and the body of the rule was changed to be consistent with the capitalization format used in the remainder of the rule.

In paragraphs 296.2(f) and (z), the definitions of *critical national need* and *societal challenge*, respectively, the word "demands" was changed to "justifies" to better characterize the government's role in responding to societal challenges.

In paragraph 296.4(c), the second sentence was corrected to reflect the fact that the referenced Procurement Standards are in part 14 of subtitle A of title 15.

Paragraph 296.11(b)(4) was revised to clarify under what situations that paragraph applies.

In section 296.22, the order of the award criteria found in paragraphs (d) and (e) was revised to be consistent with the order of the evaluation criteria found in section 296.21.

In paragraph 296.21(b)(1), the first sentence was corrected by adding the word "knowledge" after "United States science and technology" to be consistent with newly redesignated paragraph 296.22(e).

Summary of Public Comments Received by NIST in Response to the May 7, 2008, Proposed Regulations, and NIST's Response to Those Comments

NIST received five responses to the request for comments. Two responses were from for-profit companies. One response was from a United States Senator. One response was from an individual. One response was from an industry association. A detailed analysis of the comments follows.

General Comments

Comment: One commenter expressed personal views about NIST.

Response: This comment is outside the scope of this rulemaking.

Comment: One commenter stated that they found it difficult to understand how NIST staff will identify areas that demand government attention. Another commenter highlighted their industry's commitment to high-risk, high-reward research, including a few examples of their work to transform some of the Nation's major societal challenges. The commenter further stated that the examples provided amplify that their specific industry should be considered as an area of critical national need.

Response: As indicated in the March 7, 2008 **Federal Register** notice, in determining which areas of critical national need will be addressed in a competition, TIP may solicit input from within NIST, from the TIP Advisory Board, and from the public. TIP may engage experts in scientific and technology policy to ensure that the areas of critical national need that will be considered are those that entail significant societal challenges that are not already being addressed by others and could be addressed through high-risk, high-reward research. Specific societal challenges within selected areas of critical national need will be the focus of TIP funding.

Comment: One commenter raised a question about a business review indicating that the new legislation appears to remove the impetus and need to commercialize to capture the economic value potentially created.

Response: The TIP legislation does not include a commercialization