

continuous airworthiness maintenance program, by adding the following:
“MANDATORY INSPECTIONS

(1) Perform inspections of the following parts at each piece-part opportunity in

accordance with the instructions provided in the applicable manual provisions:

Engine model	Engine manual part No.	Part nomenclature	FPI per manual section	Inspection
7/7A/7AH/7F, 7H/7J/20/20J.	646028 (or the equivalent customized versions, 770407 and 770408).	All Fan Hubs	72-31-04	02
		All HPC Stage 5-15 Disks	72-35-00	03
		All HPT Stage 1-2 Disks and Hubs	72-51-00	03
		All LPT Stage 3-6 Disks and	72-52-00	03
59A/70A	754459	All Fan Hubs	72-31-00	Heavy Maintenance Check
		All HPC Stage 5-15 Disks	72-35-00	Heavy Maintenance Check
		All HPT Stage 1-2 Disks and Hubs	72-51-00	Heavy Maintenance Check-3
		All LPT Stage 3-6 Disks	72-52-00	Heavy Maintenance Check-3
7Q/7Q3	777210	All Fan Hubs	72-31-00	03
		All HPC Stage 5-15 Disks	72-35-00	03
		All HPT Stage 1-2 Disks and Hubs	72-51-00	03
		All LPT Stage 3-6 Disks	72-52-00	03
7R4	785058, 785059, and 789328	All Fan Hubs	72-31-00	03
		All HPC Stage 5-15 Disks	72-35-00	03
		All HPT Stage 1-2 Disks and Hubs	72-51-00	03
		All LPT Stage 3-6 Disks	72-52-00	03

* P/N 770407 and 770408 are customized versions of P/N 646028 engine manual.

(2) For the purposes of these mandatory inspections, piece-part opportunity means:

(i) The part is considered completely disassembled when accomplished in accordance with the disassembly instructions in the manufacturer's engine manual; and

(ii) The part has accumulated more than 100 cycles in service since the last piece-part opportunity inspection, provided that the part was not damaged or related to the cause for its removal from the engine.”

(b) Except as provided in paragraph (c) of this AD, and notwithstanding contrary provisions in section 43.16 of the Federal Aviation Regulations (14 CFR 43.16), these mandatory inspections shall be performed only in accordance with the ALS of the manufacturer's ICA.

Alternative Method of Compliance

(c) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Engine Certification Office (ECO). Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector (PMI), who may add comments and then send it to the ECO.

Note 2: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the ECO.

Special Flight Permits

(d) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

Continuous Airworthiness Maintenance Program

(e) FAA-certificated air carriers that have an approved continuous airworthiness maintenance program in accordance with the record keeping requirement of § 121.369 (c) of the Federal Aviation Regulations [14 CFR 121.369 (c)] of this chapter must maintain records of the mandatory inspections that result from revising the Time Limits section of the Instructions for Continuous Airworthiness (ICA) and the air carrier's continuous airworthiness program. Alternately, certificated air carriers may establish an approved system of record retention that provides a method for preservation and retrieval of the maintenance records that include the inspections resulting from this AD, and include the policy and procedures for implementing this alternate method in the air carrier's maintenance manual required by § 121.369 (c) of the Federal Aviation Regulations [14 CFR 121.369 (c)]; however, the alternate system must be accepted by the appropriate PMI and require the maintenance records be maintained either indefinitely or until the work is repeated. Records of the piece-part inspections are not required under § 121.380 (a) (2) (vi) of the Federal Aviation Regulations [14 CFR 121.380 (a) (2) (vi)]. All other Operators must maintain the records of mandatory inspections required by the applicable regulations governing their operations.

Note 3: The requirements of this AD have been met when the engine manual changes are made and air carriers have modified their continuous airworthiness maintenance plans to reflect the requirements in the Engine Manuals.

Issued in Burlington, Massachusetts, on September 28, 2001.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2001-CE-30-AD]

RIN 2120-AA64

Airworthiness Directives; Pilatus Aircraft Ltd. Model PC-7 Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes to adopt a new airworthiness directive (AD) that would apply to certain Pilatus Aircraft Ltd. (Pilatus) Model PC-7 airplanes. This proposed AD would require you to inspect the landing-gear emergency-extension cable for damage and replace if necessary; verify the correct installation of the bowden-cable conduit clamp and correct if necessary; and modify the temperature-control lever mechanism. This proposed AD is the result of mandatory continuing airworthiness information (MCAI)

issued by the airworthiness authority for Switzerland. The actions specified by this proposed AD are intended to prevent the malfunction of the emergency landing-gear extension system. Insufficient clearance between the temperature-control lever mechanism and the landing-gear emergency-extension cable could result in damage to the emergency landing gear extension cable, or the cable could get caught on the temperature control lever. Damage to, or interference with, the landing-gear emergency-extension cable could lead to a malfunction of the emergency landing-gear extension system.

DATES: The Federal Aviation Administration (FAA) must receive any comments on this proposed rule on or before December 4, 2001.

ADDRESSES: Submit comments to FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2001-CE-30-AD, 901 Locust, Room 506, Kansas City, Missouri 64106. You may view any comments at this location between 8 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

You may get service information that applies to this proposed AD from Pilatus Aircraft Ltd., Customer Liaison Manager, CH-6371 Stans, Switzerland; telephone: +41 41 619 6509; facsimile: +41 41 610 3351. You may also view this information at the Rules Docket at the address above.

FOR FURTHER INFORMATION CONTACT: Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; facsimile: (816) 329-4090.

SUPPLEMENTARY INFORMATION:

Comments Invited

How do I comment on this proposed AD? The FAA invites comments on this proposed rule. You may submit whatever written data, views, or arguments you choose. You need to include the rule's docket number and submit your comments to the address specified under the caption **ADDRESSES**. We will consider all comments received on or before the closing date. We may amend this proposed rule in light of comments received. Factual information that supports your ideas and suggestions is extremely helpful in evaluating the effectiveness of this proposed AD action and determining whether we need to take additional rulemaking action.

Are there any specific portions of this proposed AD I should pay attention to? The FAA specifically invites comments on the overall regulatory, economic, environmental, and energy aspects of

this proposed rule that might suggest a need to modify the rule. You may view all comments we receive before and after the closing date of the rule in the Rules Docket. We will file a report in the Rules Docket that summarizes each contact we have with the public that concerns the substantive parts of this proposed AD.

How can I be sure FAA receives my comment? If you want FAA to acknowledge the receipt of your comments, you must include a self-addressed, stamped postcard. On the postcard, write "Comments to Docket No. 2001-CE-30-AD." We will date stamp and mail the postcard back to you.

Discussion

What events have caused this proposed AD? The Federal Office for Civil Aviation (FOCA), which is the airworthiness authority for Switzerland, recently notified FAA that an unsafe condition may exist on certain Pilatus Model PC-7 airplanes. The FOCA reports one occurrence of restricted movement of the temperature control lever. Investigation of the problem revealed that the landing-gear emergency-extension cable was caught on the temperature-control lever mechanism. Insufficient clearance between the landing-gear emergency-extension cable and the temperature-control lever caused the interference. This interference could also cause damage to the landing-gear emergency-extension cable.

What are the consequences if the condition is not corrected?

If not detected and corrected, damage to or interference with the landing-gear emergency-extension cable could lead to a malfunction of the emergency landing-gear extension system.

Is there service information that applies to this subject? Pilatus has issued Service Bulletin No. 32-020, dated July 5, 2001.

What are the provisions of this service information? The service bulletin includes procedures for:

- Inspecting the landing-gear emergency-extension cable for damage;
- Replacing any damaged landing-gear emergency-extension cable;
- Verifying the correct installation of the bowden-cable conduit clamp;
- Correcting improper installation of the clamp; and
- Installing a new bolt and a new nut on the temperature-control lever mechanism.

What action did the FOCA take? The FOCA classified this service bulletin as

mandatory and issued Swiss AD Number HB 2001-483, dated August 20, 2001, in order to ensure the continued airworthiness of these airplanes in Switzerland.

Was this in accordance with the bilateral airworthiness agreement? This airplane model is manufactured in Switzerland and is type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement.

Pursuant to this bilateral airworthiness agreement, the FOCA has kept FAA informed of the situation described above.

The FAA's Determination and an Explanation of the Provisions of This Proposed AD

What has FAA decided? The FAA has examined the findings of the FOCA; reviewed all available information, including the service information referenced above; and determined that:

- The unsafe condition referenced in this document exists or could develop on other Pilatus PC-7 airplanes of the same type design;
- The actions specified in the previously-referenced service information should be accomplished on the affected airplanes; and
- AD action should be taken in order to correct this unsafe condition.

What would this proposed AD require? This proposed AD would require you to incorporate the actions in the previously-referenced service bulletin.

Cost Impact

How many airplanes would this proposed AD impact? We estimate that this proposed AD affects 13 airplanes in the U.S. registry.

What would be the cost impact of this proposed AD on owners/operators of the affected airplanes? The manufacturer has agreed to pay the costs for the inspection, replacement parts, and installation workhours.

The only impact this proposed AD would have on the owners/operators of the affected airplanes is the time it would take to have the actions of this proposed AD incorporated.

Compliance Time of This Proposed AD

What would be the compliance time of this proposed AD? The compliance time of this proposed AD is "within the next 12 calendar months after the effective date of this AD."

Why is the compliance time presented in calendar time instead of hours time-in-service (TIS)? Although malfunction

of the emergency landing gear extension system is unsafe during flight, the condition is not a direct result of airplane operation. The chance of this situation occurring is the same for an airplane with 10 hours TIS as it would be for an airplane with 500 hours TIS. A calendar time for compliance will ensure that the unsafe condition is addressed on all airplanes in a reasonable time period.

Regulatory Impact

Would this proposed AD impact various entities? The regulations proposed herein would 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. Therefore, it is determined that this proposed rule would not have federalism implications under Executive Order 13132.

Would this proposed AD involve a significant rule or regulatory action? For the reasons discussed above, I certify that this proposed action (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) if promulgated, 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. A copy of the draft regulatory evaluation prepared for this action has been placed in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (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. FAA amends § 39.13 by adding a new airworthiness directive (AD) to read as follows:

Pilatus Aircraft LTD.: Docket No. 2001–CE–30–AD.

(a) *What airplanes are affected by this AD?* This AD affects Model PC–7 airplanes, Manufacturer Serial Number (MSN) 001 through MSN 616, that are certificated in any category.

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the above airplanes must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to prevent the malfunction of the emergency landing-gear extension system. Insufficient clearance between the temperature-control lever mechanism and the landing-gear emergency-extension cable could result in damage to the emergency landing gear extension cable, or the cable could get caught on the temperature control lever. Damage to, or interference with, the landing-gear emergency-extension cable could lead to a malfunction of the emergency landing-gear extension system.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Inspect the landing-gear emergency-extension cable for damage and replace any damaged cable found.	Inspect within the next 12 calendar months after the effective date of this AD. Replace prior to further flight	≤In accordance with Pilatus Service Bulletin No. 32–020, dated July 5, 2001.
(2) Verify the correct installation of the bowden-cable conduit clamp, correct if necessary, and install a new bolt and a new nut in the temperature-control lever mechanism.	≤Prior to further flight after the inspection required in paragraph (d)(1) of this AD	≤In accordance with Pilatus Service Bulletin No. 32–020, dated July 5, 2001.
(3) Do not install any temperature-control lever mechanism (or FAA-approved equivalent part number), unless it has been modified as required in paragraph (2) of this AD.	≤As of the effective date of this AD	≤Not applicable.

(e) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

- (1) Your alternative method of compliance provides an equivalent level of safety; and
- (2) The Manager, Small Airplane Directorate, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Small Airplane Directorate.

Note 1: This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not

eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Doug Rudolph, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329–4059; facsimile: (816) 329–4090.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *How do I get copies of the documents referenced in this AD?* You may get copies of the documents referenced in this AD from Pilatus Aircraft Ltd., Customer Liaison Manager, CH–6371 Stans, Switzerland; telephone: +41 41 619 6509; facsimile: +41 41 610 3351. You may view these documents at FAA, Central Region, Office of the

Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

Note 2: The subject of this AD is addressed in Swiss AD HB 2001–483, dated August 20, 2001.

Issued in Kansas City, Missouri, on October 2, 2001.

Michael Gallagher,
 Manager, Small Airplane Directorate, Aircraft Certification Service.
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