

concerned with the substance of this AD will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this rule must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2004-NM-01-AD." The postcard will be date stamped and returned to the commenter.

## Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this 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) 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 final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption

### ADDRESSES.

### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

### Adoption of the Amendment

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends 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. Section 39.13 is amended by adding the following new airworthiness directive:

**2004-07-20 Boeing:** Amendment 39-13564. Docket 2004-NM-01-AD.

**Applicability:** Model 747-400 and -400D series airplanes, as listed in Boeing Alert

Service Bulletin 747-21A2427, dated April 24, 2003; certificated in any category.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent possible interference between wire bundle W4489 and the receptacle housing of the chiller boost fan, drain tubes, and adjacent structure, which could result in damage to the wire bundle and consequent arcing and fire, accomplish the following:

### Inspection and Related Investigation/Corrective Actions

(a) Within 12 months after the effective date of this AD, inspect to determine the routing configuration for wire bundle W4489; and, before further flight, do all the related investigative/corrective actions, as applicable; by accomplishing all of the actions in the Accomplishment Instructions of Boeing Alert Service Bulletin 747-21A2427, dated April 24, 2003.

### Alternative Methods of Compliance

(b) In accordance with 14 CFR 39.19, the Manager, Seattle Aircraft Certification Office, FAA, is authorized to approve alternative methods of compliance (AMOCs) for this AD.

### Incorporation by Reference

(c) The actions shall be done in accordance with Boeing Alert Service Bulletin 747-21A2427, dated April 24, 2003. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Boeing Commercial Airplanes, P.O. Box 3707, Seattle, Washington 98124-2207. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

### Effective Date

(d) This amendment becomes effective on April 21, 2004.

Issued in Renton, Washington, on March 25, 2004.

### Kevin M. Mullin,

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

[FR Doc. 04-7298 Filed 4-5-04; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 99-NE-48-AD; Amendment 39-13553; AD 2004-07-09]

**RIN 2120-AA64**

### Airworthiness Directives; General Electric Aircraft Engines CT7 Series Turboprop Engines

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is superseding an existing airworthiness directive (AD) for certain General Electric Aircraft Engines (GEAE) CT7 series turboprop engines. That AD currently requires propeller gearbox (PGB) oil filter impending bypass button (IBB) inspections, oil filter inspections, replacement of left-hand and right-hand idler gears at time of PGB overhaul, and replacement of certain serial number (SN) PGBs before accumulating 2,000 flight hours. This AD requires the same actions, and adds additional SNs of affected PGBs. This AD results from reports of PGBs equipped with certain gears that do not meet design specifications, resulting in the same failure addressed in the existing AD. We are issuing this AD to prevent separation of PGB left-hand and right-hand idler gears, which could result in uncontained PGB failure and internal bulkhead damage, possibly prohibiting the auxiliary feathering system from fully feathering the propeller on certain PGBs.

**DATES:** This AD becomes effective May 11, 2004. The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of May 11, 2004. The Director of the Federal Register approved the incorporation by reference of certain other publications listed in the regulations as of April 24, 2003 (68 FR 13618, March 20, 2003).

**ADDRESSES:** You can get the service information identified in this AD from General Electric Aircraft Engines, CT7 Series Turboprop Engines, 1000 Western Ave, Lynn, MA 01910; telephone (781) 594-3140, fax (781) 594-4805.

You may examine the AD docket, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA. You may examine the service information, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

### FOR FURTHER INFORMATION CONTACT:

Eugene Triozzi, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7148; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** The FAA proposed to amend 14 CFR Part 39 with a proposed AD. The proposed AD applies to certain GEAE CT7 series turboprop engines. We published the proposed AD in the **Federal Register** on

March 20, 2003 (68 FR 13618). That action proposed to require PGB oil filter IBB inspections, oil filter inspections, replacement of left-hand and right-hand idler gears at time of PGB overhaul, and replacement of certain SN PGBs before accumulating 2,000 flight hours.

#### Comments

We provided the public the opportunity to participate in the development of this AD. We have considered the comments received.

#### Clarification of Applicability for AD Inspection Requirements

One commenter requests that we clarify paragraph (c), the applicability paragraph, to state that the inspection applies to all listed PGB serial numbers regardless of whether or not the propeller gearbox is mated to a Hamilton Standard propeller. The commenter states that making this clarification will prevent the AD from being misinterpreted as excluding inspections for PGBs mated to Hamilton Standard propellers.

We agree with the commenter that the AD applies to all CT7 engines with the identified PGBs installed. We do not agree, however, that additional changes to the applicability paragraph are needed or necessary. The applicability paragraph incorporates by reference a Table of affected PGB serial numbers contained in the General Electric Service Bulletins. The AD applies to any engine with a PGB listed in the Table regardless of whether the propeller gearbox is mated to a Hamilton Standard propeller or some other make of propeller. If the PGB is mated to a Hamilton Standard propeller, however, then the AD requires additional actions. These further actions do not imply that the AD is only applicable to engines with PGBs mated to Hamilton Standard propellers. The compliance section is written to be consistent with AD 2003-06-03, which this AD is superseding.

#### Clarification of the Term Operational Day

The same commenter requests that in paragraph (f)(2), the term "operational day" be replaced with "flight day". The commenter states that the daily inspection of the IBB should not be required on an airplane unless the airplane has been used for flight that day.

We agree that clarification is needed. A definition for "operational day" has been added to the compliance section, which states that an operational day is a day during which the airplane has flown for any reason.

#### Give Flight Crews Permission To Inspect the IBB

The same commenter requests that we give flight crews permission to inspect the IBB for extension at remote stations where maintenance personnel are not available. This would relieve the burden of sending maintenance personnel to a remote station to do an inspection of the IBB, when the airplane is at that remote station longer than one day. The commenter understands that if the IBB is found extended, maintenance personnel would have to perform the other AD requirements.

We agree that flight crews should be allowed to perform the IBB inspection if the maintenance personnel are not available. If the IBB is found extended, however, maintenance personnel would have to perform the other AD requirements. Paragraph (f)(2) has been rewritten to allow flight crews to inspect the IBB.

#### No Terminating Action for Paragraphs (h) and (i)

One commenter requests that paragraphs (h) and (i) be revised, as there is no terminating action in these paragraphs for PGBs listed in Table 1 of Service Bulletin (SB) 72-466. The commenter further states that SB 72-452 provides terminating action only for PGBs listed in SB 72-452 and not PGBs listed in SB 72-466.

We do not agree. The terminating action paragraph specifically requires replacement of idler gears using the Accomplishment Instructions of SB 72-452 and does not limit this terminating action to the serial numbers listed in the effectiveness of that SB. The accomplishment instructions for replacement of idler gears are the same regardless of the gear serial numbers being replaced. Based on this, replacing the gears using the accomplishment instructions of SB 72-452 is an acceptable terminating action.

#### Conclusion

We have carefully reviewed the available data, including the comments received, and determined that air safety and the public interest require adopting the AD with the changes described previously. We have determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

#### Changes to 14 CFR Part 39—Effect on the AD

On July 10, 2002, we issued a new version of 14 CFR part 39 (67 FR 47998, July 22, 2002), which governs the FAA's AD system. That regulation now includes material that relates to altered

products, special flight permits, and alternative methods of compliance. The material previously was included in each individual AD. Since the material is included in 14 CFR part 39, we will not include it in future AD actions.

#### Regulatory Findings

We have 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 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 summary of the costs to comply with this AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 99-NE-48-AD" in your request.

#### 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 Federal Aviation Administration 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 39-13090 (68 FR 13618, March 20, 2003) and by adding a new airworthiness directive, Amendment 39-13553, to read as follows:

#### 2004-07-09 General Electric Aircraft

**Engines:** Amendment 39-13553. Docket No. 99-NE-48-AD. Supersedes AD 2003-06-03, Amendment 39-13090.

#### Effective Date

(a) This AD becomes effective May 11, 2004.

**Affected ADs**

(b) This AD supersedes AD 2003-06-03, Amendment 39-13090.

**Applicability**

(c) This AD applies to General Electric Aircraft Engines (GEAE) CT7 series turboprop engines, with propeller gearboxes (PGBs) identified by serial number (SN) in Table 1 of GEAE CT7 Turboprop Service Bulletin (SB) CT7-TP S/B 72-0452, dated July 27, 2001, and Table 1 of GEAE CT7 Turboprop Alert Service Bulletin (ASB) CT7-TP S/B 72-A0466, dated April 17, 2003. These engines are installed on but not limited to SAAB 340 series airplanes.

**Unsafe Condition**

(d) This AD results from reports of PGBs equipped with certain gears that do not meet design specifications, resulting in the same failure addressed in the AD being superseded. We are issuing this AD to prevent separation of PGB left-hand and right-hand idler gears, which could result in uncontained PGB failure and internal bulkhead damage, possibly prohibiting the auxiliary feathering system from fully feathering the propeller on certain PGBs.

**Compliance**

(e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

(f) Inspect the PGB oil filter impending bypass button (IBB) for extension using the following schedule:

(1) Initially inspect within 50 hours time-in-service (TIS) after the effective date of this AD.

(2) Thereafter, inspect each operational day. The flight crew may inspect the PGB oil filter IBB for extension if maintenance personnel are not available.

(g) If the PGB oil filter IBB is extended, replace the oil filter and perform follow-on inspections, using paragraph 3.A of the

Accomplishment Instructions of GEAE CT7 Turboprop SB CT7-TP S/B 72-0453, dated July 27, 2001.

(h) At the next return of the PGB to a CT7 turboprop overhaul facility after the effective date of this AD, replace left-hand and right-hand idler gears. Use the Accomplishment Instructions of GEAE CT7 Turboprop SB CT7-TP S/B 72-0452, dated July 27, 2001 to replace the gears.

(i) If the PGB is mated to a Hamilton Standard propeller and the left-hand and right-hand idler gears have not been replaced using the Accomplishment Instructions of GEAE CT7 Turboprop SB CT7-TP S/B 72-0452, dated July 27, 2001, replace the PGB before accumulating an additional 2,000 engine flight hours after April 24, 2003, the effective date of AD 2003-06-03.

**PGB Oil Filter IBB Inspection, Authorization**

(j) For GEAE CT7 series turboprop engines, in exception to the limitations imposed by § 43.3 of the Federal Aviation Regulations (14 CFR 43.3), a flight crew member holding at least a private pilot certificate may perform the inspections required by paragraph (f) of this AD. You must record completion of the inspections in the airplane records to show compliance with this AD, in accordance with §§ 43.9 and 91.417(a)(2)(v) of the Federal Aviation Regulations 14 CFR 43.9 and 14 CFR 91.417(a)(2)(v). You must also maintain the records as required by the applicable Federal Aviation Regulation.

**Terminating Action**

(k) Replacement of left-hand and right-hand idler gears using paragraph (h) of this AD, or replacement of the PGB using paragraph (i) of this AD constitutes terminating action to the repetitive inspections required by paragraph (f) of this AD.

**Definition**

(l) For the purpose of this AD, an operational day is defined as a day during which the airplane has flown for any reason.

**Alternative Methods of Compliance**

(m) The Manager, Engine Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

**Special Flight Permits**

(n) Under 14 CFR 39.23, we are limiting the special flight permits for this AD by allowing the operation of an airplane that does not have more than one engine with a PGB oil filter IBB extended to a location where the requirements of this AD can be done.

**Material Incorporated by Reference**

(o) You must use the service information specified in Table 1 to perform the inspections and replacements required by this AD. The Director of the Federal Register approved the incorporation by reference of GEAE CT7 Turboprop SB CT7-TP S/B 72-0452, dated July 27, 2001, and GEAE CT7 Turboprop SB CT7-TP S/B 72-0453, dated July 27, 2001, as of April 24, 2003 (68 FR 13618, March 20, 2003). The Director of the Federal Register approves the incorporation by reference of GEAE CT7 Turboprop ASB CT7-TP S/B 72-A0466, dated April 17, 2003 in accordance with 5 U.S.C.552(a) and 1 CFR part 51. You can get copies from General Electric Aircraft Engines, CT7 Series Turboprop Engines, 1000 Western Ave, Lynn, MA 01910; telephone (781) 594-3140, fax (781) 594-4805. You may review copies at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC. Table 1 follows:

TABLE 1.—INCORPORATION BY REFERENCE

Service bulletin No.	Page	Revision	Date
SB CT7-TP S/B 72-0452 .....	ALL .....	Original .....	July 27, 2001.
Total Pages: 12.			
SB CT7-TP S/B 72-0453 .....	ALL .....	Original .....	July 27, 2001.
Total Pages: 5.			
ASB CT7-TP S/B 72-A0466 .....	ALL .....	Original .....	April 17, 2003.
Total Pages: 7.			

**Related Information**

(p) None.

Issued in Burlington, Massachusetts, on March 24, 2004.

**Francis A. Favara,**

*Acting Manager, Engine and Propeller Directorate, Aircraft Certification Service.*

[FR Doc. 04-7233 Filed 4-5-04; 8:45 am]

**BILLING CODE 4910-13-P**

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

**[Docket No. 2002-NM-101-AD; Amendment 39-13554; AD 2004-07-10]**

**RIN 2120-AA64**

**Airworthiness Directives: Boeing Model 737-600, -700, -700C, -800, and -900 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Boeing Model 737-600, -700, -700C, -800, and -900 series airplanes, that requires replacement of the proximity switch electronics unit with a new, improved unit. This action is necessary to prevent a malfunction of the aural warning for the landing gear, leading the crew to open the circuit breaker for the aural warning horn which stops the operation of other aural warnings of malfunctions in other systems and, thus, could jeopardize a safe flight and landing. This action is intended to address the identified unsafe condition.

**DATES:** Effective May 11, 2004.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of May 11, 2004.

**ADDRESSES:** The service information referenced in this AD may be obtained from Boeing Commercial Airplanes, P.O. Box 3707, Seattle, Washington 98124-2207. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** Binh V. Tran, Aerospace Engineer, Systems and Equipment Branch, ANM-130S, FAA, Seattle Aircraft Certification

Office, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 917-6485; fax (425) 917-6590.

**SUPPLEMENTARY INFORMATION: A**

proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Boeing Model 737-600, -700, -700C, -800, and -900 series airplanes was published in the **Federal Register** on December 31, 2003 (68 FR 75469). That action proposed to require replacement of the proximity switch electronics unit with a new, improved unit.

**Comments**

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

**Conclusion**

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

**Cost Impact**

There are approximately 890 airplanes of the affected design in the worldwide fleet. The FAA estimates that 283 airplanes of U.S. registry will be affected by this AD, that it will take approximately 4 work hours per airplane to accomplish the required actions, and that the average labor rate is \$65 per work hour. Required parts will cost approximately \$40 per airplane. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$84,900, or \$300 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

The manufacturer may cover the cost of replacement parts associated with this AD, subject to warranty conditions. Manufacturer warranty remedies may also be available for labor costs associated with this AD. As a result, the costs attributable to the AD may be less than stated above.

**Regulatory Impact**

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this 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) 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 final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends 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. Section 39.13 is amended by adding the following new airworthiness directive:

**2004-07-10 Boeing:** Amendment 39-13554. Docket 2002-NM-101-AD.

**Applicability:** Model 737-600, -700, -700C, -800, and -900 series airplanes, as listed in Boeing Alert Service Bulletin 737-32A1343, dated July 26, 2001; certificated in any category.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent a malfunction of the aural warning for the landing gear, leading the crew to open the circuit breaker for the aural warning horn which stops the operation of other aural warnings of malfunctions in other systems and, thus, could jeopardize a safe flight and landing, accomplish the following: