

NLG with a new or serviceable strut in accordance with BAE Systems (Operations) Limited Service Bulletin SB.32-158, dated June 2, 2000.

Optional Terminating Action

(c) Modification of the NLG in accordance with BAE Systems (Operations) Limited Service Bulletin SB.32-159-70668ABC, dated June 14, 2000, terminates the repetitive inspections required by this AD.

Alternative Methods of Compliance

(d) 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 Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

Note 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM-116.

Special Flight Permits

(e) 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.

Incorporation by Reference

(f) The inspections and replacement, as applicable, shall be done in accordance with BAE Systems (Operations) Limited Service Bulletin SB.32-158, dated June 2, 2000. The terminating action, if accomplished, shall be done in accordance with BAE Systems (Operations) Limited Service Bulletin SB.32-159-70668ABC, dated June 14, 2000. (Only the first page of these documents is dated; no other page of these documents contains this information.) 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 British Aerospace Regional Aircraft American Support, 13850 Mclearen Road, Herndon, Virginia 20171. 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.

Note 3: The subject of this AD is addressed in British airworthiness directive 002-06-2000.

Effective Date

(g) This amendment becomes effective on March 21, 2002.

Issued in Renton, Washington, on February 6, 2002.

Ali Bahrami,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 02-3309 Filed 2-13-02; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NE-34-AD; Amendment 39-12642; AD 2002-03-01]

RIN 2120-AA64

Airworthiness Directives; Honeywell International, Inc., (Formerly AlliedSignal, Inc., and Textron Lycoming) T5311A, T5311B, T5313B, T5317A, T5317B, T53-L-11, T53-L-11A, T53-L-11B, T53-L-11C, T53-L-11D, T53-L-11A S/SA, T53-L-13B, T53-L-13B S/SA, T53-L-13B S/SB, and T53-L-703 Turboshaft Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), that is applicable to Honeywell International, Inc., (formerly AlliedSignal, Inc., and Textron Lycoming) T5311A, T5311B, T5313B, T5317A, T5317B, and former military T53-L-11, T53-L-11A, T53-L-11B, T53-L-11C, T53-L-11D, T53-L-11A S/SA, T53-L-13B, T53-L-13B S/SA, T53-L-13B S/SB, and T53-L-703 series turboshaft engines. This amendment requires initial and repetitive special vibration tests of the engine, and if necessary replacement with a serviceable reduction gearbox assembly, or a serviceable engine before further flight. This amendment is prompted by reports of tachometer drive spur gear failure, resulting in potential engine overspeed, loss of power turbine speed (N2) instrument panel indication, and hard landings. The actions specified in this AD are intended to prevent excessive vibrations produced by the reduction gearbox assembly that could cause failure of the tachometer drive spur gear.

DATES: Effective date March 21, 2002. The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of March 21, 2002.

ADDRESSES: The service information referenced in this AD may be obtained from Honeywell International, Inc., (formerly AlliedSignal, Inc., and Textron Lycoming), Attn: Data Distribution, M/S 64-3/2101-201, P.O. Box 29003, Phoenix, AZ 85038-9003; telephone: (602) 365-2493; fax: (602) 365-5577. This information may be examined, by appointment, at the Federal Aviation Administration (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:

Robert Baitoo, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, Transport Airplane Directorate, 3960 Paramount Blvd., Lakewood, CA 90712-4137; telephone: (562) 627-5245; fax: (562) 627-5210.

SUPPLEMENTARY INFORMATION:

A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that is applicable to Honeywell International, Inc., (formerly AlliedSignal, Inc., and Textron Lycoming) T5311A, T5311B, T5313B, T5317A, T5317B, and former military T53-L-11, T53-L-11A, T53-L-11B, T53-L-11C, T53-L-11D, T53-L-11A S/SA, T53-L-13B, T53-L-13B S/SA, T53-L-13B S/SB, and T53-L-703 series turboshaft engines was published in the **Federal Register** on June 15, 2001 (66 FR 32591). That action proposed to require initial and repetitive special vibration tests of the engine, and if necessary replacement with a serviceable reduction gearbox assembly, or a serviceable engine before further flight, in accordance with AlliedSignal, Inc., Service Bulletin (SB) No. T5311A/B-0100, dated January 20, 2000; T5313B/17-0100, dated November 19, 1999; T53-L-11-0100, dated January 20, 2000; T53-L-13B-0100, Revision 2, dated May 11, 1999; and T53-L-703-0100, Revision 2, dated May 11, 1999.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the one comment received.

The commenter stated that further investigation into the root problem causing the spur gear failures needs to be addressed. The problem may be a manufacturing problem from one U.S. Government contract supplier.

The FAA does not agree. The commenter did not supply sufficient evidence substantiating a design nonconformity.

After careful review of the available data, including the comment noted above, the FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

Economic Analysis

There are about 4,500 engines of the affected design in the worldwide fleet. The FAA estimates that 300 engines

installed on aircraft of U.S. registry would be affected by this AD, and that it would take about four work hours per engine to accomplish each special vibration test, and that the average labor rate is \$60 per work hour. Based on these figures, for each special vibration test, the total labor cost effect on U.S. operators is estimated to be \$240 per engine. The FAA estimates that operators, on average, will perform ten special vibration tests per year, resulting in a total annual cost on U.S. operators of \$720,000.

Regulatory Analysis

This final rule does not have federalism implications, as defined in Executive Order 13132, because it 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. Accordingly, the FAA has not consulted with state authorities prior to publication of this final rule.

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 the 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 final evaluation has

been prepared for this action and it is contained 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, 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 a new airworthiness directive to read as follows:

2002-03-01 Honeywell International, Inc.: Amendment 39-12642. Docket No. 2000-NE-34-AD.

Applicability: This airworthiness directive (AD) is applicable to Honeywell International, Inc., (formerly AlliedSignal, Inc., and Textron Lycoming) T5311A, T5311B, T5313B, T5317A, T5317B, and former military T53-L-11, T53-L-11A, T53-L-11B, T53-L-11C, T53-L-11D, T53-L-11A

S/SA, T53-L-13B, T53-L-13B S/SA, T53-L-13B S/SB, and T53-L-703 turboshaft engines. These engines are installed on, but not limited to Bell Helicopter Textron 204, 205, and 209 series, and Kaman K-1200 series helicopters, and the following surplus military helicopters that have been certified in accordance with sections 21.25 or 21.27 of the Federal Aviation Regulations (14 CFR 21.25 or 21.27): Bell Helicopter Textron manufactured AH-1, HH-43, TH-1, UH-1 and SW-204/205 (UH-1) series.

Note 1: This AD applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines 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 (d) 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 the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Compliance with this AD is required as indicated, unless already done.

To prevent excessive vibrations produced by the reduction gearbox assembly that could cause failure of the tachometer drive spur gear, do the following:

Initial and Repetitive Special Vibration Tests

(a) Perform an initial special vibration test of the engine in accordance with the applicable service bulletin (SB) listed in the following Table 1, within 100 flight hours after the effective date of this AD:

TABLE 1. ALLIEDSIGNAL SB'S FOR SPECIAL VIBRATION TESTS.

| Engine | SB's |
|--|--|
| (1) T5311A and T5311B | T5311A/B-0100, dated January 20, 2000. |
| (2) T5313B, T5317A, and T5317B | T5313B/17-0100, dated November 19, 1999. |
| (3) T53-L-11, -11A, -11B, -11C, -11D, and 11A S/SA | T53-L-11-0100, Revision 2, dated January 20, 2000. |
| (4) T53-L-13B, -13B S/SA, and -13B S/SB | T53-L-13B-0100, Revision 2, dated May 11, 1999. |
| (5) T53-L-703 | T53-L-703-0100, Revision 2, dated May 11, 1999. |

(b) Perform repetitive special vibration tests of the engine in accordance with the applicable SB listed in Table 1 of this AD, as follows:

(1) For engines that have tachometer drive spur gear part number (P/N) 1-070-062-04 installed, perform repetitive special vibration tests within 500 flight hours since the last special vibration test.

(2) For engines that have tachometer drive spur gear P/N 1-070-062-06 installed, perform repetitive special vibration tests within 1,000 flight hours since the last special vibration test.

Engines That Fail Special Vibration Tests

(c) For engines that fail a special vibration test performed in accordance with paragraph

(a) or (b) of this AD, do either of the following:

(1) Replace the gearbox assembly with a serviceable reduction gearbox assembly, and before further flight perform an initial special vibration test as specified in paragraph (a) of this AD; or

(2) Replace the engine with a serviceable engine, and before further flight perform an initial special vibration test as specified in paragraph (a) of this AD.

Alternative Methods of Compliance

(d) 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 Manager, Los Angeles Aircraft Certification Office (ACO). Operators must submit their requests through

an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles ACO.

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

Special Flight Permits

(e) Special flight permits may be issued in accordance with §§ 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the special vibration tests and engine replacement requirements of this AD can be done.

Documents That Have Been Incorporated By Reference

(f) The inspection must be done in accordance with the following AlliedSignal, Inc. Service Bulletins (SB's):

| Document No. | Pages | Revision | Date |
|---|-----------|------------------|--------------------|
| SB T5311A/B-0100 Total pages: 5 | All | Original | January 20, 2000. |
| SB T5313B/17-0100 Total pages: 5 | All | Original | November 19, 1999. |
| SB T53-L-11-0100 Total pages: 5 | All | Revision 2 | January 20, 2000. |
| SB T53-L-13B-0100 Total pages: 5 | All | Revision 2 | May 11, 1999. |
| SB T53-L-703-0100 Total pages: 5 | All | Revision 2 | May 11, 1999. |

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 Honeywell International, Inc. (formerly AlliedSignal, Inc. and Textron Lycoming), Attn: Data Distribution, M/S 64-3/2101-201, P.O. Box 29003, Phoenix, AZ 85038-9003; telephone: (602) 365-2493; fax: (602) 365-5577. Copies may be inspected, 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.

Effective Date

(g) This amendment becomes effective on March 21, 2002.

Issued in Burlington, Massachusetts, on February 4, 2002.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

[FR Doc. 02-3310 Filed 2-13-02; 8:45 am]

BILLING CODE 4910-13-U

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

[Docket No. 2000-NE-02-AD; Amendment 39-12460; AD 2002-02-12]

RIN 2120-AA64

Airworthiness Directives; Rolls-Royce plc RB211-524G and -524H Series Turbofan Engines

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule; request for comments.

SUMMARY: This amendment supersedes an existing airworthiness directive (AD) that is applicable to Rolls-Royce plc (RR) RB211-524G and -524H series

turbofan engines. That AD currently requires initial and repetitive ultrasonic inspections for cracks in fan blade dovetail roots, and, if necessary, replacement with serviceable parts. That action also provides the options of installing improved design fan blades or reworking current fan blades to the improved configuration as terminating action for the inspections. This amendment requires initial inspection at lower thresholds, using either the blade root probe method or the surface wave probe method. This amendment also removes the option of reworking blades as terminating action for the inspections. Lastly, this amendment adds the model RB211-524H-T-36 engine to the applicability of this AD. This amendment is prompted by two additional reports of fan blade cracks found during inspections performed in accordance with the current AD. The actions specified in this AD are intended to detect cracked fan blades, which could result in an uncontained engine failure and damage to the airplane.

DATES: Effective March 1, 2002. The incorporation by reference of certain publications listed in the rule is approved by the Director of the Federal Register as of March 1, 2002.

Comments for inclusion in the Rules Docket must be received on or before April 15, 2002.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 2000-NE-02-AD, 12 New England Executive Park, Burlington, MA 01803-5299. Comments may be inspected at this location, by appointment, between 8:00 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays. Comments may also be sent via the Internet using the following address: "9-ane-

adcomment@faa.gov". Comments sent via the Internet must contain the docket number in the subject line.

The service information referenced in this AD may be obtained from Rolls-Royce plc, PO Box 31, Derby, England; telephone: 011 44 1332-249428; fax: 011 44 1332-249223. This information may be examined 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:

Keith Mead, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7744 fax (781) 238-7199.

SUPPLEMENTARY INFORMATION: The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom (UK), had notified the Federal Aviation Administration (FAA) in March of 2000, that an unsafe condition may exist on certain Rolls-Royce plc (RR) RB211-524 series turbofan engines. The CAA had received reports of three fan blade failures up to that time. Subsequent inspections of the dovetail root area on other fan blades revealed the existence of dovetail root cracks in the same region as the failed blades.

The FAA issued AD 2000-05-12 to require initial and repetitive ultrasonic inspections for cracks in fan blade dovetail roots, and, if necessary, replacement with serviceable parts. That action also provided the options of installing improved design fan blades or reworking current fan blades to the improved configuration as terminating action for the inspections. Since that AD was published, two additional reports of fan blades found cracked have been received. The FAA has determined through information provided by RR