

Sektion 2. Utlandstillverkad flygmateriel

R1

**TITEL:** Kontroll av packning för propellerns kontrollenhet (PPC)

**GÄLLER:** Modell TPE331 angivna och installerade i luftfartyg enligt bifogad kopia av FAA AD 93-15-11.

**ÅTGÄRD:** Utför åtgärder angivna i Allied-Signal Inc. Garret Engine Division Alert Service Bulletiner angivna i FAA AD 93-15-11.

**TID FÖR ÅTGÄRD:** Inom 10 flygtimmar räknat från detta LVD's utgivningsdatum om ej tidigare utfört.

**UNDERLAG:** Allied-Signal Inc., Garret Engine Division Alert Service Bulletiner angivna i FAA AD 93-15-11.

**REFERENS:** FAA AD 93-15-11

**UTGIVNINGS-DATUM:** 1993-09-30

**LFS: 1993:27**

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11. Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.



## AIRWORTHINESS DIRECTIVE

FLIGHT STANDARDS SERVICE  
REGULATORY SUPPORT DIVISION  
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U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

**93-15-11 Allied-Signal Inc., Garrett Engine Division: Amendment 39-8656. Docket No. 93-ANE-02.**

**Applicability:** Allied-Signal Inc., Garrett Engine Division, Model TPE331-47A, -55B, and -61A turboprop engines; and TPE331-1, -2, -3, -5, -6, -8, -10, -11, -12, -14A, -14B, -15AW, -25, and -43 series turboprop engines installed on but not limited to Mitsubishi MU-2B Series (MU-2 series) Solitaire/Marquise; Construcciones Aeronauticas, S.A. (CASA) C-212 series; British Aerospace (BAe) Jetstream 3101 and 3201 (31 and 32) series; Fairchild SA226 and SA227 series (Swearingen Merlin and Metro series); Prop-Jets, Inc. Model 400; Cessna Model 441 (Conquest); Twin Commander 680, 690, 695 (Jetprop Commander); Rockwell Commander S-2R; Shorts Brothers and Harland, Ltd. SC7 (Skyvan); Dornier 228 series; Beech 18 and 45 series and Models JRB-6, 3N, 3NM, 3TM, and B100; Pilatus PC-6 series (Fairchild Porter, Peacemaker); Piper Model PA-42-1000 (Cheyenne 400 LS); De Havilland Model DH 104 Dove series; Grumman Model TS-2A; Grumman American Model G-164C; and Schweitzer Model G-164 series aircraft.

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

To prevent a sudden loss of propeller control during application of thrust reverse that may cause asymmetric thrust and loss of aircraft control, accomplish the following:

(a) Within the next 10 hours time in service (TIS) after the effective date of this AD, for Allied-Signal Inc., Garrett Engine Division, Model TPE331-47A, -55B, and -61A turboprop engines; and Model TPE331-1, -2, -3, -5, -6, -8, -10, -11, -12, -25, and -43 series turboprop engines that have had a new propeller pitch control (PPC) gasket, Part Number (P/N) 865664-4, installed after May 10, 1992, accomplish the following:

(1) Inspect PPC gaskets in accordance with the applicable Allied-Signal Aerospace Company, Garrett Engine Division, Alert Service Bulletin (ASB): No. TPE331-A72-0857, dated October 29, 1992; or ASB No. TPE331-A72-0858, dated October 29, 1992, to determine if the gaskets incorporate internal metal reinforcement.

(2) Prior to further flight, replace unreinforced gaskets with serviceable metal reinforced gaskets in accordance with the applicable Allied-Signal Aerospace Company, Garrett Engine Division, Light Maintenance Manual.

(b) Within the next 10 hours TIS after the effective date of this AD, for Allied-Signal Inc., Garrett Engine Division, TPE331-14A, -14B, and -15AW turboprop engines that have had a new PPC gasket, P/N 3105685-1, installed after June 26, 1992, accomplish the following:

(1) Inspect PPC gaskets in accordance with the applicable Allied-Signal Aerospace Company, Garrett Engine Division, ASB: No. TPE331-A72-7092, dated October 29, 1992; ASB No. TPE331-A72-7093, dated October 29, 1992; or ASB No. TPE331-A72-7519, dated October 30, 1992, to determine if the gaskets incorporate internal metal reinforcement.

(2) Prior to further flight, replace unreinforced gaskets with serviceable metal reinforced gaskets in accordance with the applicable Allied-Signal Aerospace Company, Garrett Engine Division, Light Maintenance Manual.

(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 Manager, Los Angeles Aircraft Certification Office. The request should be forwarded through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles Aircraft Certification Office.

NOTE: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the Los Angeles Aircraft Certification Office.

2 93-15-11

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

(e) The inspection, and replacement, if necessary, shall be done in accordance with the following Allied-Signal Aerospace Company, Garrett Engine Division, alert service bulletins:

DOCUMENT NO.	PAGE	REVISION	DATE
TPE331-A72-7092 Total Pages: 6.	1-6	Original	October 29, 1992
TPE331-A72-0857 Total Pages: 12.	1-12	Original	October 29, 1992
TPE331-A72-0858 Total Pages: 6.	1-6	Original	October 29, 1992
TPE331-A72-7093 Total Pages: 6.	1-6	Original	October 29, 1992
TPE331-A72-7519 Total Pages: 6.	1-6	Original	October 30, 1992

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 Allied Signal Propulsion Engines, Aviation Services Division, Data Distribution, Dept. 64-3/2102-1M, P.O. Box 29003, Phoenix, AZ 85038-9003; telephone (602) 365-2548. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief 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.

(f) This amendment supersedes priority letter AD 92-26-07, issued December 16, 1992.

(g) This amendment becomes effective on September 7, 1993.

**FOR FURTHER INFORMATION CONTACT:**

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