LUFTFARTSVERKET
Luftfartsinspektionen

LUFTVÄRDIGHETSDIREKTIV (LVD)

D. Motor
Allied Signal, Garret
LVD Nr 2635

Sektion 2. Utlandstillverkad flygmateriel

TITEL: **Undersökning av motorns livstidsbegränsade komponenter**

GÄLLER: Allied Signal TPE 331-25, -43, -1, -2, -3, -5, -6, -8, -10, -11, -12, 55B och -61A turboprop motorer och TSE 331-3U turboaxel motorer som har underhållits av Fliteline Maintenance Wharton, Texas och installerade i men ej begränsade till luftfartyg angivna i bifogad kopia av FAA AD 95-16-08.

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av FAA AD 95-16-08.

TID FÖR ÅTGÄRD: Inom 400 cykler räknat från detta LVD:s utgivningsdatum.

UNDERLAG: FAA AD 95-16-08

REFERENS: FAA AD 95-16-08

UTGIVNINGS-DATUM: 1995-09-07

LFS: 1995: 1995:43

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarende 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.

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L 1563-1

Bilaga till LVD Nr 2635

AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

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).

95-16-08 AlliedSignal, Inc.: Amendment 39-9328. Docket 94-ANE-10.

Applicability: AlliedSignal, Inc. (formerly Allied-Signal, Inc., Garrett Engine Division, Garrett Turbine Engine Company, and AiResearch Manufacturing Co. of Arizona), TPE331-25, -43, -1, -2, -3, -5, -6, -8, -10, -11, and -12 series, and -55B and -61A Model turboprop engines; and TSE331-3U Model turboshaft engines. These engines are installed on but not limited to Mitsubishi MU-2B series (MU-2 series); Construcciones Aeronauticas, S.A. (CASA) C-212 series; Jetstream 3101 and 3201 series; Fairchild SA226 and SA227 series; Prop-Jets, Inc. Model 400; Cessna Model 441; Twin Commander Aircraft Corp. 680, 690, and 695 series, and Model 681; Rockwell Commander or Ayres Corp. S-2R series; Short Brothers and Harland, Ltd. SC7; Dornier 228 Series; Beech Aircraft Corp. 18 and 45 series and Models JRB-6, 3N, 3NM, 3TM, and B100; Pilatus PC-6 series; DeHavilland DH 104 Dove series; Grumman Model TS-2A; Grumman American Model G-164C; and Schweizer Aircraft Corp. Model G-164 series aircraft.

NOTE: 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 use the authority provided in paragraph (c) to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any engine from the applicability of this AD.

Compliance: Required as indicated, unless accomplished previously.

To prevent uncontained failure of turbine rotors, fire, or loss of aircraft control, accomplish the following:

(a) Within 400 cycles in service (CIS) after the effective date of this AD, review engine life limited part logs, engine repair and maintenance records, maintenance purchase receipts, and aircraft maintenance records (collectively referred to as "records") to identify any engine repair, assembly, or modification that was performed by, or any life limited turbine components received from Fliteline Maintenance, located in Wharton, Texas, domestic repair station certificate number GR2R856K; or Mr. Eugene E. Shanks, mechanic certificate number 1914482; or Mr. Carl Ramirez, mechanic certificate number 466432551 (collectively referred to as "Fliteline").

(b) Within 400 CIS after the effective date of this AD, for engines or components identified in accordance with paragraph (a) of this AD, accomplish the following:

(1) If records or other pertinent information indicate that the engine was disassembled beyond aft turbine mainshaft nut removal from the tie bolt by Fliteline, verify life limited turbine components and take appropriate action by the following methods:

(i) Remove, disassemble the engine, compare, and match each component's part number (P/N) and serial number (S/N) against that engine's issued life limited part logs. Engine hot section inspection or overhaul normally requires comparing and matching of turbine components with the life limited part logs. An engine hot section inspection or overhaul, subsequent to maintenance by Fliteline, and performed by the engine manufacturer, an FAA certified repair station, or an FAA certified mechanic, other than Fliteline, constitutes compliance with paragraph (b)(1)(i) of this AD.

(ii) Validate all Fliteline life limited part log entries by utilizing the component's hourly and cyclic life immediately before the Fliteline entry, as determined by records of the engine manufacturer or FAA certified repair stations other than Fliteline. A life limited part log entry is defined as a removal or installation record. Photocopied life limited part logs may be used provided component history can be established.

NOTE: Engine manufacturer record and service information referred to in the AD can be attained by calling AlliedSignal Engines Customer Information Center, telephone (800) 338-3378 or (602) 231-5287.

(iii) If the P/N, S/N, hourly and cyclic lives or the life limited part log of each life limited turbine component do not match or can not be validated, remove the component from service prior to further flight and replace with a serviceable component.

(2) Verify that any requirements of AD's signed off by Fliteline were actually accomplished by visual examination or reinspection of the affected components in accordance with the applicable AD. A complete engine overhaul or other maintenance necessary to accomplish applicable AD requirements, subsequent to maintenance by Fliteline, and performed by the engine manufacturer, an FAA certified repair station, or an FAA certified mechanic, other than Fliteline, constitutes compliance with paragraph (b)(2) of this AD.

(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.

(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 aircraft to a location where the requirements of this AD can be accomplished.

(e) This amendment becomes effective on September 5, 1995.

FOR FURTHER INFORMATION CONTACT:

Joseph Costa, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, Transport Airplane Directorate, 3960 Paramount Blvd., Lakewood, CA 90712; telephone (310) 627-5246, fax (310) 627-5210.