

Sektion 2. Utlandstillverkad flygmateriel

TITEL: **Modifiering och ommärkning av andra turbinstegets ledskenaenhet.**

GÄLLER: Allison modell 250-C28B och -C28C motorer, med installerad ledskenaenhet P/N 6898952 för andra turbinsteget, i luftfartyg i alla kategorier undantaget motorer angivna i bifogad kopia av FAA AD 89-23-12.

ÅTGÄRD: För att undvika fel i andra turbinstegets ledskenaenhet utför åtgärder angivna i bifogad kopia av FAA AD 89-23-12.

TID FÖR ÅTGÄRD: Inom 100 flygtimmar från detta LVD:s utgivningsdatum eller vid nästa turbinreparation eller översyn vilket som först infaller, men ej senare än 90-05-31.

UNDERLAG: Allison Commercial Engine Alert Bulletin CEB-A-72-2044 Revision 4 daterad May 1, 1989
FAA AD 89-23-12.

REFERENS: FAA AD 89-23-12.

UTGIVNINGSDATUM: 1990-04-26

LFS: 1990:13

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.



U.S. Department
of Transportation
**Federal Aviation
Administration**

AIRWORTHINESS DIRECTIVE

AVIATION STANDARDS NATIONAL FIELD OFFICE
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125

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. They 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 (FAR 39.3).

89-23-12 ALLISON GAS TURBINE DIVISION, GENERAL MOTORS CORPORATION (Allison, formerly Detroit Diesel Allison):
Amendment 39-6345.

Applicability: Allison Model 250-C28B and -C28C engines, with P/N 6898952 second stage turbine nozzle assembly, installed in aircraft certificated in any category except those with the following turbine assembly serial numbers:

<u>Engine Model</u>	<u>Turbine Serial Number</u>
250-C28B	CAT 70498, CAT 70499 CAT 70502, CAT 70513 and subsequent
250-C28C	CAT 28010 and subsequent

Compliance: Required as indicated, unless already accomplished.

To prevent failure of the second stage turbine nozzle which can lead to rubbing contact between the nozzle diaphragm and the second stage turbine wheel possibly resulting in an uncontained turbine wheel failure, accomplish the following:

(a) Within the next 100 hours time-in-service after the effective date of this AD, or at the next turbine repair or overhaul, whichever occurs first, but not later than November 30, 1989, perform the following:

Modify and reidentify second stage turbine nozzle, P/N 6898952, into P/N 23001942, in accordance with Allison Commercial Engine Alert Bulletin CEB-A-72-2044, Revision 4, dated May 1, 1989.

NOTE: Existing Model 250-C28B and -28C engines which have incorporated Allison Commercial Engine Alert Bulletin CEB-A-72-2044, Revision 4, dated May 1, 1989, or prior issues of CEB-72-2044, or engines which have incorporated P/N 23001942 are already in compliance with this AD.

(b) Aircraft may be ferried in accordance with the provisions of FAR 21.197 and 21.199 to a base where the AD can be accomplished.

(c) Upon submission of substantiating data by an owner or operator through an FAA Airworthiness Inspector, an alternate method of compliance with the requirements of this AD or adjustments to the compliance schedule specified in this AD may be approved by the Manager, Chicago Aircraft Certification Office, Federal Aviation Administration, 2300 East Devon Avenue, Des Plaines, Illinois 60018.

The second stage turbine nozzle modification shall be done in accordance with Allison Commercial Engine Alert Bulletin CEB-A-72-2044, Revision 4, dated May 1, 1989. 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 Allison Gas Turbine Division, General Motors Corporation, P.O. Box 420, Indianapolis, Indiana 46206-0420. Copies may be inspected at the Regional Rules Docket, Office of the Assistant Chief Counsel, Federal Aviation Administration, New England Region, 12 New England Executive Park, Room 311, Burlington, Massachusetts 01803, or at the Office of the Federal Register, 1100 L Street, N.W., Room 8301, Washington, D.C. 20591.

This amendment (39-6345, AD 89-23-12) becomes effective on October 29, 1989.

FOR FURTHER INFORMATION CONTACT:

Mr. Ty Krolicki, Chicago Aircraft Certification Office, Propulsion Branch, ACE-140C, Small Airplane Directorate, Aircraft Certification Service, Federal Aviation Administration, 2300 East Devon Avenue, Des Plaines, Illinois 60018; telephone (312) 694-7032.