

Sektion 2. Utlandstillverkad flygmateriel

R2

TITEL: Kontroll / modifiering av reduktionsväxel

GÄLLER: Turbomeca ARRIEL 1A, -1A1,-1B, -1D och 1D1.

ÅTGÄRD: Utför inspektion och modifiering angivet i bifogad kopia av DGAC 92-078(B)R2.

TID FÖR ÅTGÄRD: I enlighet med tid och intervall i angivet underlag.

UNDERLAG: DGAC 92-078(B)R2
Service Bulletin TURBOMECA 292.72.0157

REFERENS: DGAC AD 92-078(B)R2.

UTGIVNINGS-DATUM: 1993-09-09

LFS: 1993:24

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.

BUREAU VERITAS

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

*Inspections and/or modifications described below are mandatory. No person may operate a product to which this**Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive*

Translation of 'Consigne de Navigabilité'

Réf.: 92-078(B)R2

In case of any difficulty, reference should
be made to the French original issue.**TURBOMECA****ARRIEL 1 turbo-shaft engine**

Reduction gearbox module (MO 5)

Applicability : turbo-shaft engines TURBOMECA ARRIEL 1A, -1A1, -1B, -1D and -1D1.

Deterioration of a reduction gearbox pinion (MO 5 module) has lead in some cases to uncontained power turbine overspeed ; non TU 39 modified gearboxes show susceptibility to subsequent overspeed. Therefore the following actions are made mandatory for the configurations indicated hereunder :

- A/ ARRIEL 1B, 1D, 1D1 not incorporating TU 232,
ARRIEL 1A with TU 13 not incorporating TU 232, 1A1 with TU 13 not incorporating TU 232

Inspection every 8 hours or daily at the latest of the reduction gearbox (MO 5) magnetic chip detector.

The criteria for module removal indicated in the Maintenance Manual chapter 72-80-01 pages 104/105 apply.

- B/ ARRIEL 1B
ARRIEL 1A with TU 13, 1A1 with TU 13

The reduction gearbox modules (MO 5) not modified as per TU 39 are not allowed to be operated.

- C/ The assembly of new gears with used gears may lead in some cases to an increase of the risk indicated hereabove; therefore, the reduction gearbox modules listed hereafter must be removed from service before July 31, 1993 if they meet the two following conditions :

.../...

n/E

June 23, 1993

TURBOMECA
ARRIEL 1 turbo-shaft engine

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- Time in service since last overhaul or repair less than 200 hours;
and
- last overhaul or repair performed before June 01, 1992.

MO 5 Serial Numbers concerned :

120 - 178 - 182 - 197 - 244 - 280 - 354 - 379 - 500 - 589 - 628 -
629 - 643 - 2030 - 2074 - 2219 - 2326 - 2334 - 2469 - 2484 - 2651 -
2686.

Note : See Service Bulletin TURBOMECA 292.72.0157 for more
information.

This Revision 2 replaces the AD 92-078(B) Revision 1 dated May 26, 1993.

EFFECTIVE DATES :

Revision 1 : JUNE 05, 1993

Revision 2 : JULY 03, 1993