
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Modifiering av luftavtappningsventil

GÄLLER: TURBOMECA ARRIEL 1

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av DGAC 2002-126(A).

TID FÖR ÅTGÄRD: Före den 31 maj 2002.

UNDERLAG: Service Bulletin TURBOMECA No. 292 72 0261.
Service Bulletin TURBOMECA No. A 292 72 0275.
Modifieringar TU316A, TU300.

REFERENS: DGAC 2002-126(A)

BESLUTSDATUM: 21 mars 2002

LFS 2002:43

Åtgärder 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 senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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GSAC

AIRWORTHINESS DIRECTIVE

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Inspection 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' ref. : 2002-126(A)
In case of any difficulty, reference should be made to the French original issue.

TURBOMECA

ARRIEL 1 turboshaft engines

Centrifugal impeller (ATA 72)

1. APPLICABILITY :

This Airworthiness Directive refers to all ARRIEL 1 series turboshaft engines.

2. REASONS :

Several events of contained centrifugal impeller blade rupture were observed in service. These events resulted in power losses but could lead to a non commanded in-flight shut down. Investigations showed an acoustic excitation of the blades to be the cause of the events. The TU 300 modification for Arriel 1S, 1S1, 1D, 1D1 turboshaft engines by TURBOMECA Service Bulletin No.292 72 0261 suppresses this excitation.

Further more, operation experience showed the necessity to bond the sleeve in the bleed valve boss.

3. MANDATORY ACTIONS AND COMPLIANCE :

- 3.1. The installation of a sleeve in the bleed valve boss, as described in TURBOMECA Service Bulletin No. 292 72 0261, is rendered mandatory on Arriel 1S, 1S1, 1D, 1D1 (unless already achieved).
- 3.2. For any Arriel turboshaft engine variant, on which TU 300 modification is embodied, the bonding of the sleeve in the bleed valve boss, as described in TURBOMECA Service Bulletin No. A 292 72 0275 (Modification TU 316A), is made mandatory (unless already achieved).
- 3.3. The actions described in above paragraphs 3.1. and 3.2. must be performed before May 31, 2002.

REF.: Service Bulletin TURBOMECA No. 292 72 0261
Service Bulletin TURBOMECA No. A 292 72 0275
Modifications TU316A, TU300.

This Airworthiness Directive replaces AD 1999-391(A) which is cancelled.

EFFECTIVE DATE : MARCH 16, 2002

n/JFS

March 06, 2002

TURBOMECA
ARRIEL 1 turboshaft engines

2002-126(A)