

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. : 1990-064(A) R1
In case of any difficulty, reference should be made to the French original issue.

TURBOMECA

ARRIEL 1 turboshaft engines

Damage to the generator rear bearing (ATA 72)

1. APPLICABILITY:

ARRIEL 1 turboshaft engines all variants installed on single or twin-engine helicopters.

2. REASONS:

Accumulation of small mineral or chemical particles in the turbine shaft is likely to occur during continuous or repeated operation in dusty atmosphere.

This may lead to an unbalance condition of the gas generator rotating assembly which could cause damage to the rear bearing and ultimately result in the uncontrolled in-flight strut down of the engine.

3. MANDATORY ACTIONS AND COMPLIANCE:

In addition to the periodic vibration monitoring operation made mandatory by chapter 05-10-03 of the Maintenance Manual, cleaning of the rotating assembly within the time limits and according to the procedure required by Service Bulletin No. A292-72-230 issue 1 is made mandatory at the effective date of this Revision 1 of this Airworthiness Directive.

REF.: TURBOMECA Service Bulletin No. A292-72-230 issue 1.

This Revision 1 replaces original AD 90-064(B) dated April 04, 1990.

EFFECTIVE DATES :

Original AD : APRIL 14, 1990
Revision 1 : MARCH 31, 2001