

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

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. : 2002-638(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A310, A300-600 and A300-600ST BELUGA aircraft

Ram Air Turbine (RAT) ejection jack (ATA 29)

1. APPLICABILITY:

- AIRBUS A310 and A300-600 aircraft, all certified models and all serial numbers on which AIRBUS production modification No. 12259 has been embodied (AIRBUS Service Bulletin (SB) A310-29-2086 or A300-29-6048 in service).
- AIRBUS A300-600ST BELUGA all certified serial number fitted with a RAT ejection jack P/N 772654 or P/N 772652 not accompanied with symbol "29-2".

2. REASONS:

An operator reported a case of rupture of the housing of the RAT ejection jack.

Investigations revealed that this rupture had been caused by overpressure in the jack, due to an overfilling of hydraulic fluid.

The manufacturer HAMILTON SUNDSTRAND questioned its filling procedure and identified a batch of jacks likely to have been incorrectly filled.

Such a type of rupture could prevent the deployment and use of the RAT in an emergency condition.

Revision 1 of this Airworthiness Directive (AD) adds A300-600ST BELUGA aircraft in the applicability list.

3. COMPLIANCE:

A310 and A300-600 aircraft:

Within 2,500 flight hours following the effective date of this AD at original issue, unless already accomplished, check the serial number of the RAT ejection jack installed on the aircraft, and apply the corrective measures if necessary, in accordance with SB A310-29-2088 or A300-29-6050 (HAMILTON SUNDSTRAND Vendor Service Bulletin (VSB) ERPS03/04EJ-29-2).

A300-600ST BELUGA aircraft:

Within 2,000 flight hours following the effective date of this AD at Revision 1, unless already accomplished, check the serial number of the RAT ejection jack installed on the aircraft, and apply the corrective measures if necessary, in accordance with A300-29-9003 (HAMILTON SUNDSTRAND Vendor Service Bulletin (VSB) ERPS03/04EJ-29-2).

Any jack on which HAMILTON SUNDSTRAND VSB ERPS03/04EJ-29-2 has been applied must be marked with the date of application of the VSB, accompanied with symbol "29-2" in the "MOD AND DATE" zone of the identification plate.

REF.: AIRBUS Service Bulletins:

A310-29-2086
A300-29-6048
A310-29-2088
A300-29-6050
A300-29-9003

(Any later approved revision of these SB' s is acceptable)

HAMILTON SUNDSTRAND Vendor Service Bulletin ERPS03/04EJ-29-2.

This Revision 1 replaces original AD 2002-638(B) dated December 24, 2002.

EFFECTIVE DATES :

Original issue : JANUARY 04, 2003
Revision 1 : MARCH 15, 2003