

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. : 2000-259-315(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300, A310 and A300-600 aircraft

Inspection and modification to the DOWTY/SUNDSTRAND HAMILTON ram air turbines (ATA 29)

APPLICABILITY:

AIRBUS INDUSTRIE A300, A310 and A300-600 aircraft, all certified models and all serial numbers, which are fitted with a DOWTY/SUNDSTRAND HAMILTON ram air turbine, P/N:

RAT 16C 100 VG,	RAT 16C 103 VG,	RAT 16C 110 VG,
RAT 16C 101 VG,	RAT 16C 105 VG,	768336,
RAT 16C 102 VG,	RAT 16C 109 VG,	768338.

REASONS:

Prevent any corrosion and/or improper adjustment of the rod which ensures the locking of the ram air turbine in rotation, which could subsequently prevent its unlocking during deployment in flight, and consequently, lead to the failure of the associated hydraulic pump to operate.

Airworthiness Directives (ADs) 93-136-146(B) and 98-448-262(B) already rendered corrective actions mandatory. This AD, which underlines the revisions of the referenced Service Bulletins, is issued in order to take into account the extended applicability (additional ram air turbine part numbers).

ACTIONS:

The following actions are rendered mandatory from the effective date of this AD.

1. Within 500 flight hours following the effective date of this AD, except if already performed in accordance with the requirements of AD 93-136-146(B), perform a ram air turbine deployment test and check the adjustment of the locking rod, followed by a lubrication task, in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletins (SBs) A300-29-0101 Revision 2, A310-29-2039 Revision 2 or A300-29-6030 Revision 2.

Aircraft which have already been checked and tested in accordance with the requirements of AD 93-136-146(B) will have to be checked and tested again in accordance with the instructions of the same SBs, within 10 months following the last check/inspection performed.

2. Repeat the same tests and inspections in accordance with the instructions of SBs A300-29-0101 Revision 2, A310-29-2039 Revision 2 or A300-29-6030 Revision 2 at intervals not exceeding 10 months.
3. Before December 31st, 2002, modify and re-identify the ram air turbines, in accordance with the instructions of SBs A300-29-0106 Revision 3, A310-29-2078 Revision 3 or A300-29-6039 Revision 3 (modification No. 11206).

Ram air turbines P/N RAT16C 102 VG will have to be modified previously, in accordance with the instructions of SBs A300-29-0088 or A310-29-2013 (modification No. 6054).

REF.: AIRBUS INDUSTRIE Service Bulletins:

A300-29-0106 Revision 3, A310-29-2078 Revision 3, A300-29-6039 Revision 3,
A300-29-0101 Revision 2, A310-29-2039 Revision 2, A300-29-6030 Revision 2,
A300-29-0088, A310-29-2013.

Any later approved revision of the above mentioned Service Bulletins is acceptable.

This AD replaces

AD 93-136-146(B) which is cancelled by its Revision 5 and AD 98-448-262(B) which is cancelled by its Revision 1.

EFFECTIVE DATE : JULY 08, 2000