	AIRWORTHINESS DIRECTIVE No F-2005-089		Distribution: B	Issue date: June 08, 2005	Page : 1/2
	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.			<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
Direction générale de l'aviation civile France GSAC publication	No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.				
Corresponding foreign Airworthiness Directive(s): Not applicable			Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: AIRBUS SAS			Type(s): A300, A310 and A300-600 aircraft		
Type certificate(s) No. 72 TCDS No 145					
ATA chapter: 57	Subject: RAT swivel coupling fork fitting - Replacement of material				

1. **EFFECTIVITY:**

AIRBUS A300, A310 and A300-600 aircraft, all certified models and all serial numbers, equipped with DOWTY ROTOL ram air turbines (RAT) except for aircraft on which AIRBUS modification No. 12986 (or AIRBUS Service Bulletin (SB) A300-57-0244 or A310-57-2086 or A300-57-6099), as applicable, has been embodied.

2. **REASONS:**

This Airworthiness Directive (AD) renders mandatory the replacement of the RAT swivel coupling fork fitting material on aircraft equipped with DOWTY ROTOL RAT' s.


This material replacement (steel) is the result of aluminium fork fitting rupture cases encountered by the operators. These ruptures caused by abnormal mechanical forces, due to improper rigging of the RAT ejection jack, could lead, in case of total rupture of the fork fitting, to the loss of the RAT.

The corrective measures rendered mandatory by this AD result from investigations conducted by the manufacturer since the publishing of AD 2003-149.

3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

Within 12 months following the effective date of this AD, unless already accomplished, replace the RAT swivel coupling fork fitting in accordance with the instructions of applicable SB A300-57-0244 or A310-57-2086 or A300-57-6099.

Note: additional inspection of the fork fitting has been introduced within Technical Revision of the AMM 29-25-00 Page Block 301 at each RAT retraction procedure.

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4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletins:
A300-57-0244 original issue
A310-57-2086 original issue
A300-57-6099 original issue
Any later approved revision of these SB's is acceptable.

5. EFFECTIVE DATE:

June 18, 2005.

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact:
AIRBUS SAS - EAW Office of airworthiness - Fax: 33 5 61 93 45 80.

7. APPROVAL:

This AD is approved under EASA reference No 2005-4737 dated May 31, 2005.