	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-212</b>	Distribution: <b>B</b>	Issue date: <b>December 21, 2005</b>	Page : <b>1/2</b>
	Direction générale de l'aviation civile France GSAC publication	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>
<b>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.</b>				
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>None</b>		
Person in charge of airworthiness: <b>AIRBUS SAS</b>		Type(s): <b>A319, A320 and A321 aircraft</b>		
Type certificate(s) No. <b>180</b> TCDS No <b>180</b>				
ATA chapter: <b>29</b>	Subject: <b>Ram Air Turbine (RAT) - Carbon blade</b>			

### 1. **EFFECTIVITY:**

AIRBUS A320, all certified models, all serial numbers equipped with SUNDSTRAND RAT PN 762308 installed by AIRBUS modification 27189 in production.

AIRBUS A319 and A321, all certified models, all serial numbers equipped with SUNDSTRAND RAT PN 762308 installed by AIRBUS modification 25364 in production or AIRBUS Service Bulletin (SB) A320-29-1075 in service.

Aircraft on which no modification/replacement of RAT has been performed since embodiment of AIRBUS modification 27014 (installation of the SUNDSTRAND RAT PN 766352) or 28413 (reinstallation of the DOWTY RAT) in production are not affected by the requirements of this Airworthiness Directive (AD).

### 2. **REASONS:**


During routine maintenance inspections on an A321 aircraft, three chord wise cracks were found on the aft side of one RAT PN 762308 carbon blade.

Investigations revealed a disorientation of carbon fibres during blade manufacturing. Such cracks could impair the blade structural integrity.

This AD mandates a one time detailed visual inspection of the blades within 600 flight hours.

### 3. **MANDATORY ACTION AND COMPLIANCE TIME:**

Within 600 flight hours following the effective date of this AD, inspect the carbon blades of the RAT PN 762308 and apply the corrective actions, if necessary, according to the instructions of AIRBUS Service Bulletin A320-29-1124.

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**4. REFERENCE PUBLICATION:**

AIRBUS Service Bulletin A320-29-1124.  
Any later approved revision of this document is acceptable.

**5. EFFECTIVE DATE:**

December 31, 2005.

**6. REMARK:**

For questions concerning the technical content of the requirements of this AD, contact:  
AIRBUS SAS - Office of Airworthiness - EAS - Fax: 33 5 61 93 44 51.

**7. APPROVAL:**

This AD is approved under EASA reference No 2005-6438 dated December 13, 2005.