

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2006 – 0251 R2</p> <p>Date: 29 June 2007</p>
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.	
Type Approval Holder's Name:	Type/Model designation(s)
EUROCOPTER	AS 350 and AS 355
TCDS Number: EASA R.008, DGAC France No.168.	
Foreign AD: Not applicable.	
Revision / Supersedure: This AD revises AD 2006-0251 R1 dated 25 August 2006, which was superseding DGAC AD No. F-2005-136 (EASA Approval No. 2005-6120)	
ATA 05, 52	Doors Sliding Door Rear Roller Support Shaft and Rear
Manufacture: EUROCOPTER (formerly EUROCOPTER FRANCE, AEROSPATIALE)	
Applicable to:	<p>Helicopters:</p> <p>AS 355 E, F, F1, F2 and N,</p> <p>AS 350 B, BA, BB, B1, B2, B3 and D,</p> <p>fitted with sliding door(s) before embodiment of MOD 073298 and/or MOD 073308.</p>
Reason:	<p>This Airworthiness Directive (AD) is issued following a case of total failure and a case of a crack discovered on the support shaft of the sliding door rear roller.</p> <p>Metallurgical analysis revealed a non-conformity concerning the heat treatment of the material.</p> <p>If this deficiency is not corrected, it could lead to the loss of the sliding door in flight.</p> <p>Since then, a case of a crack and a case of failure of the roller support shaft rear attaching fitting have been reported.</p> <p>The purpose of this AD which supersedes DGAC AD No. F-2005-136, is:</p> <ul style="list-style-type: none"> - To cover the conversion of the EUROCOPTER Alert Telex into Alert Service Bulletins (ASB) with the same reference numbers indicated below, corresponding to the aircraft version.

	<p>- To inform that the embodiment of MOD 073298 and/or 073308 (or compliance with EUROCOPTER AS 350 ASB No. 52.00.30 and AS 355 ASB No. 52.00.23) cancels the instructions in this AD.</p> <p>Revision 1 of this AD was published to extend the final compliance time from 30 December 2006 to 30 June 2007.</p> <p>Revision 2 of this AD is published to re-extend the date to comply to 30 September 2007.</p>
Effective Date:	01 September 2006
Compliance:	<p>1. The following measures are mandatory as from August 3, 2005, the effective date of DGAC AD No. F-2005-136.</p> <p>1.1. Sliding doors having logged less than 90 flying hours:</p> <p>At the latest at 110 flying hours, then at intervals not exceeding 110 flying hours, check the support shaft of the rear roller and the rear fitting of the sliding door(s), for cracks, in compliance with the instructions specified in paragraph 2.B. of ASB No. 05.00.47 corresponding to AS 350 helicopters or ASB No. 05.00.45 corresponding to AS 355 helicopters.</p> <p>1.2. Sliding doors having logged 90 flying hours or more:</p> <p>1.2.1. Unless already done, compliance with the instructions specified in paragraph 2.B. of the referenced original edition of AS 350 ASB No. 05.00.47 or of AS 355 ASB No. 05.00.45 must be ensured no later than within 20 flying hours as from February 1, 2005, the effective date of DGAC AD No. F-2005-032 and AD No. F-2005-033.</p> <p>2. No later than 30 September 2007, the following measures are mandatory as from the effective date of this AD.</p> <p>2.1. At the latest by 30 September 2007, replace the roller support shaft and fitting of the LH and/or RH sliding doors in compliance with instructions specified in paragraph 2.B of ASB No. 52.00.30 initial issue or later approved revision for AS 350 or ASB No. 52.00.23 initial issue or later approved revision for AS 355.</p> <p>2.2 At the latest by 30 September 2007:</p> <p>2.2.1. Before installation on an aircraft of sliding door(s) held as spares and referenced in paragraph 1.A.2., comply with the instructions specified in paragraph 2.B of ASB No. 52.00.30 initial issue or later approved revision for AS 350 or ASB No. 52.00.23 initial issue or later approved revision for AS 355.</p> <p>2.2.2. Scrap the stock of shafts P/N 350A 25-1275-20 and roller support fittings P/N 350A25-1270-20, in compliance with the instructions specified in paragraph 2.B.5 of ASB No. 52.00.30 initial issue or later approved revision for AS 350 or ASB No. 52.00.23 initial issue or later approved revision for AS 355.</p>

Ref. Publications:	<p>EUROCOPTER AS 350 Alert Service Bulletins No. 05.00.47 and 52.00.30; and AS 355 ASB No. 05.00.45 and 52.00.23.</p> <p>Any further approved revision of these documents is acceptable for compliance with requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. This AD was posted as PAD 06-166 for consultation on 28 June 2006 with a comment period until 14 July 2006. No comments were received during the consultation period. 3. Enquiries regarding this AD should be addressed to the AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STDI) - Aéroport de Marseille Provence 13725 Marignane Cedex - France. Tel: 33 (0) 4 42 85 97 97 - Fax: 33 (0) 4 42 85 99 66. E-mail: Directive.technical-support@eurocopter.com

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