


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2006- 0338</p> <p>Issued: 07 November 2006</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 355 N
TCDS Number: DGAC France 168		
Foreign AD: Not applicable.		
Supersedes: Not applicable.		
ATA 24, 80	Electrical Power - Starting – Starter Generator Limitations	
Manufacturer(s):	EUROCOPTER (Formerly AEROSPATIALE – EUROCOPTER FRANCE)	
Applicability:	<p>AS 355 N helicopters fitted with starter generators, all part numbers, before embodiment of MOD 073344.</p> <p><u>Note:</u> This Airworthiness Directive (AD) is intended for maintenance personnel and flight crews.</p>	
Reason:	<p>This Airworthiness Directive (AD) is issued because it was found that the power drawn by the starter generators from the engines is above the consumption capacity at altitudes above 3,000 meters, declared for the engines of AS 355 N helicopters.</p> <p>Excessive power consumption of the starter generators reduces the engine surge margin, which can result in engine failure.</p> <p>The purpose of this AD is therefore to define a new limitation for the power drawn by the starter generator:</p> <p>- At altitudes above 3,000 meters, the maximum continuous current supplied by each starter generator must be limited to 100 A in order to prevent engine surging.</p>	
Effective Date:	17 November 2006	

Compliance:	<p>The following measures are rendered mandatory as from the effective date of this AD:</p> <p>1 – The new load limitation for the starter generators becomes 100 A at altitudes above 3,000 meters (10,000 feet).</p> <p>2 – No later than within 110 flight hours or within 12 months (the first limit reached is applicable):</p> <p>Bond a label indicating this new limitation, on the instrument panel, below the ammeter, in compliance with the instructions specified in paragraph 2.B. of referenced EUROCOPTER AS 355 Alert Service Bulletin No. 01.00.52.</p>
Ref. Publications:	<p>EUROCOPTER AS 355 Alert Service Bulletin No. 01.00.52. (Any subsequent approved revision to this ASB is acceptable).</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 06-228 for consultation on 13 September 2006 with a comment period until 27 September 2006. No comments were received during the consultation period. 3. Enquiries regarding this AD should be addressed to 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