

EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	AD No.: 2008 - 0049-E [Corrected: 07 March 2008] Date: 03 March 2008
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 : EUROCOPTER	Type/Model designation(s) : SA 330 F, G and J helicopters
TCDS Number: EASA R.002	
Foreign AD : Not applicable	
Supersedure: None	
ATA 65	Rotor Drive – Attachments of Main Gear Box (MGB) Input Flexible Coupling – Readjustment / Check
Manufacturer(s):	EUROCOPTER (formerly EUROCOPTER France, Aérospatiale).
Applicability:	SA 330 F, G and J helicopters, all serial numbers, equipped with Main Gear Box (MGB) input flexible coupling/flanges assemblies modified per modification (MOD) 0752416 and MOD 0752419, and that have never been subject to maintenance scheduled inspection as per Working Card 65.32.601 since new or since MGB complete overhaul.
Reason:	Recently during a ground run, a helicopter suffered disks failure of a flexible coupling on one of the MGB inputs. The broken MGB input flexible coupling/flange assembly had embodied MOD 0752416 and MOD 0752419. This event is deemed to be the result of the loss of the tightening torque load or insufficient tightening of the bolts fixing the disks of the flexible coupling to its sliding and fixed flanges. In case the same condition develops on both Right Hand (RH) and Left Hand (LH) MGB inputs, a complete drive transmission loss could occur. For the reason described above, this Emergency Airworthiness Directive (AD) requires, depending on the Flight Hours (FH) accumulated by the input flexible coupling/flanges assemblies installed on the helicopter, either to readjust or to check the tightening torque load of the flexible coupling-to-flanges attachment bolts. This AD has been re-published to correct a typographical error in the Applicability section, quoting the wrong Working Card number.
Effective Date:	04 March 2008

Compliance:	Required as indicated, as from the effective date of this AD, on RH and LH MGB input flexible coupling/flanges: (1) For MGB input flexible coupling / sliding and fixed flange assemblies which have logged less than 50 FH since new or MGB complete overhaul, after accumulation of 50 FH but before accumulation of 75 FH since new or MGB complete overhaul, readjust the tightening torque load on the flexible coupling-to-flange attachment bolts, in accordance with the instructions given in paragraph 2.B.2.a. of Eurocopter SA 330 Alert Service Bulletin (ASB) 05.95. (2) For MGB input flexible coupling / sliding and fixed flange assemblies which have logged between 50 and 75 FH since new or MGB complete overhaul, either upon accumulation of 75 FH since new or MGB complete overhaul, readjust the tightening torque load on the flexible coupling-to-flange attachment bolts, in accordance with the instructions given in paragraph 2.B.2.a. of ASB 05.95; or before accumulation of 125 FH since new or MGB complete overhaul, check the tightening torque load on the flexible coupling-to-flange attachment bolts, in accordance with the instructions given in paragraph 2.B.2.b. of ASB 05.95. (3) For MGB input flexible coupling / sliding and fixed flange assemblies which have logged more than 75 FH since new or MGB complete overhaul, at the latest upon accumulation of 50 FH after the effective date of this AD, check the tightening torque load on the flexible coupling-to-flange attachment bolts, in accordance with the instructions given in paragraph 2.B.2.b. of ASB 05.95. (4) No person may install a MGB input flexible coupling/flanges assembly modified per MOD 0752416 and MOD 0752419 as a replacement part or a MGB equipped with input flexible coupling/flanges assemblies modified per MOD 0752416 and MOD 0752419, unless compliance with paragraphs (1), (2) or (3) above, as applicable, is performed.
Ref. Publications:	EUROCOPTER SA 330 Alert Service Bulletin N° 05.95 dated 03 March 2008. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 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. Telephone: +33 (4) 12 85 97 97; Fax: +33 (4) 85 99 66; E-mail: Directive.technical-support@eurocopter.com