


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No : 2007-0185</p> <p>Date: 11 July 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) :
ROLLS-ROYCE TURBOMECA Ltd		Turbo-shaft engines RTM 322-01/9
TCDS Number : EASA.E.009		
Foreign AD : Not applicable		
Supersedure : Not applicable		
ATA 73	Fuel system - Fuel filter pre-blockage switch - Replacement/Modification	
Manufacturer(s):	ROLLS-ROYCE TURBOMECA Ltd	
Applicability:	RTM322-01/9 turbo-shaft engines. These engines are known to be installed, but not limited to, NH Industries - NH 90 helicopters.	
Reason:	<p>This Airworthiness Directive requires the replacement of the fuel filter pre-blockage switch P/N 9550177700 by a fuel filter pre-blockage switch P/N 9550004900 (modification C3037)</p> <p>This action is necessary following the discovery of fuel filter pre-blockage electrical switches not operating properly (no fuel filter pre-blockage indication). This may lead, due to fuel contamination, to fuel filter clogging without pilot indication and then opening of the fuel filter by-pass that could lead to the engine IFSD.</p> <p>Fuel contamination may be a common cause and therefore could potentially affect both engines installed in the same helicopter.</p>	
Effective Date:	24 July 2007	
Compliance:	Within 75 engine operating hours, but not later than 31 December 2007, whichever occurs first after the effective date of this AD, implement modification C3037 in accordance with Rolls-Royce Turbomeca Ltd Alert Service Bulletin:	

	<ul style="list-style-type: none"> • SBP-M3-A-73-31-05-01A-A-A (paper format) or • DMC: M3-A-73-31-05-01A-932A-A and M3-A-73-31-05-01A-933A-A (electronic format). <p>Replacement of fuel filter pre-blockage electrical switch and return of the corresponding certificate to TURBOMECA must be performed according to the above Alert Service Bulletin.</p>
Ref. Publications:	<p>Rolls-Royce Turbomeca Ltd Alert Service Bulletin :</p> <ul style="list-style-type: none"> • SBP-M3-A-73-31-05-01A-A-A (paper format) or • DMC: M3-A-73-31-05-01A-932A-A and M3-A-73-31-05-01A-933A-A (electronic format).
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 (AMOC) for this AD. 2. This AD was posted as PAD 07-088 on 30 May 2007 for consultation until 27 June 2007. No comments were received during this 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 your usual or nearest TURBOMECA technical representative (refer to http://www.turbomeca-support.com).