



MANDATORY PERMIT DIRECTIVE

Number: 2020-001

Issue date: 23 January 2020



In accordance with 41(1) of Air Navigation Order 2016 as amended the following action required by this Mandatory Permit Directive (MPD) is mandatory for applicable aircraft registered in the United Kingdom operating on a UK CAA Permit to Fly.

Type Approval Holder's Name: Westland Helicopters Ltd	Type/Model Designation(s): Ex-Military Westland Gazelle Helicopters
Title:	Tail Rotor Blades – Life Limit / Re-identification
Manufacturer:	Westland Helicopters Ltd.
Applicability:	Ex-Military Westland Gazelle Helicopters (All Marks and Serial Numbers)
Reason:	<p>A new manufacturing process of the tail rotor blade (TRB) was implemented, affecting the structural characteristic of this critical part. Consequently, new P/N 341A335101.01, P/N 341A335130.05 and P/N 341A335130.06/ were allocated and an applicable Service Life Limit (SLL) of 21250 FH was established, which has been identified as mandatory action for continued airworthiness.</p> <p>Failure to comply with this requirement could result in an unsafe condition.</p> <p>It was also determined that certain new-manufactured TRB were improperly identified with P/N 341A335130.04. Prompted by this finding, Airbus Helicopters (AH) published the ASB. Providing instruction for re-identification of those affected parts.</p> <p>In February 2019, EASA published AD 2019-0034 in cooperation with Airbus Helicopters. It is deemed that there is sufficient applicability to the ex-military fleet in the UK operating on a Permit to Fly (PtF) to warrant this MPD.</p> <p>For the reasons described above, this MPD requires re-identification of the affected parts and implementation of the applicable SLL to all TRB having P/N 341A335101.01, P/N 341A335101.01, P/N 341A335130.05 and P/N 341A335130.06.</p> <p>This MPD has been raised to address this potential unsafe condition.</p>
Effective Date:	6 February 2020

<p>Compliance/Action:</p>	<p>Affected Part: Tail Rotor Blades (TRB), having part number (P/N) 341A335130.04 and an S/N as listed in the ASB.</p> <p>Serviceable Part: TRB having P/N 341A335101.01, P/N 341A335130.05 and P/N 341A335130.06, if new or if they have not exceeded 21250 flight hours (FH) since first installation on a helicopter.</p> <p>The ASB: Airbus Helicopters (AH) Alert Service Bulletin (ASB) GAZ-01.36.</p> <p>Part Replacement / Service Life Limit Implementation:</p> <p>(1) Before exceeding 21250 FH since first installation on a helicopter, replace each TRB having P/N 341A335101.01, P/N 341A335130.05 and P/N 341A335130.06 with a serviceable part. Using the instructions of the applicable maintenance manual is an acceptable method to replace a part as required by this paragraph.</p> <p>Part Re-identification:</p> <p>(2) During next disassembly of the tail rotor hub after the effective date of this MPD, re-identify each affected part in accordance with the instructions of paragraph 3 of the ASB.</p> <p>Parts Installation:</p> <p>(3) From the effective date of this MPD, do not install an affected part on any helicopter.</p> <p>Continued Validity of Repair / Modification:</p> <p>(4) Within 6 months after the effective date of this MPD, for each affected part which has been subject to rework/repair/modification before the re-identification as required by paragraph (2) of this MPD, contact the approval holder of the rework/repair/modification data for additional applicable maintenance instructions and, within the compliance times identified in those instructions, accomplish those instructions accordingly.</p> <p>(5) From the effective date of this MPD, do not accomplish any rework, repair or modification of an affected part, unless it has been determined that the rework/repair/modification is valid for P/N 341A335130.06.</p>
<p>ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT/ENGINE LOGBOOK</p>	
<p>Reference Publications:</p>	<p>Airbus Helicopters (AH) Alert Service Bulletin (ASB) GAZ-01.36 original issue dated 14 December 2018.</p> <p>The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this MPD.</p>

Remarks:	<ol style="list-style-type: none">1. This MPD was not posted for consultation due to the urgency of the requirement / elapsed time.2. If requested and appropriately substantiated, the CAA can approve Alternative Methods of Compliance for this MPD.3. Enquiries regarding this Mandatory Permit Directive should be referred to: GA Unit, Safety Airspace Regulation Group, Civil Aviation Authority, Aviation House, Beehive Ring Road, Crawley, West Sussex RH6 0YR. <p>Tel: +44 (0)1293 573988 E-mail: GA@caa.co.uk</p>
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