


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2014-0048</p> <p>Date: 04 March 2014</p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>	
<p>This AD is issued in accordance with EU 748/2012, Part 21.A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>		
<p>Design Approval Holder's Name : AGUSTAWESTLAND S.p.A.</p>	<p>Type/Model designation(s) : AB139 and AW139 helicopters</p>	
TCDS Number:	EASA.R.006	
Foreign AD:	Not applicable	
Revision:	Not applicable	
ATA 53	Fuselage – Subfloor Frame STA 2105 – Inspection / Modification	
Manufacturer(s):	AgustaWestland S.p.A (formerly Agusta S.p.A.), AgustaWestland Philadelphia Corporation (formerly Agusta Aerospace Corporation).	
Applicability:	AB139/AW139 helicopters from serial numbers (S/N) 31005 to S/N 31517 inclusive, except S/N 31007, S/N 31415, S/N 31431, S/N 31491, S/N 31500, S/N 31508 and S/N 31516, and from S/N 41001 to S/N 41356 inclusive, except S/N 41355.	
Reason:	<p>Some cases of cracks in the subfloor frame STA 2105 have been reported on in-service helicopters.</p> <p>This condition, if not detected and corrected, could lead to a failure of the pedals supporting frame, leading to pedals being inoperative and subsequent loss of control of the helicopter.</p> <p>To address this potential unsafe condition, AgustaWestland published Bollettino Tecnico (BT) 139-311, providing inspection and modification instructions.</p> <p>For the reasons described above, this AD requires repetitive inspections of the subfloor frame STA 2105 and, depending on findings, accomplishment of the applicable corrective actions. This AD also requires a modification, which constitutes terminating action for the repetitive inspections required by this AD.</p>	
Effective Date:	18 March 2014	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless already accomplished:</p> <ol style="list-style-type: none"> (1) Within 30 flight hours (FH) or 2 months, whichever occurs first after the effective date of this AD, and, thereafter, at intervals not to exceed 300 FH or 6 months, whichever occurs first since the accomplishment of the previous inspection, inspect the subfloor frames at STA 2105 in accordance with the instructions of AgustaWestland BT 139-311. (2) If, during any inspection as required by paragraph (1) of this AD, cracks are detected, before next flight, modify the helicopter (reinforcement of subfloor frames at STA 2105) in accordance with the instructions of AgustaWestland BT 139-311. (3) Unless already accomplished as required by paragraph (2) of this AD, within 1 200 FH after the effective date of this AD, modify the helicopter (reinforcement of subfloor frames at STA 2105) in accordance with the instructions of AgustaWestland BT 139-311. (4) Modification of a helicopter as required by paragraph (2) or (3) of this AD, as applicable, constitutes terminating action for the repetitive inspections required by paragraph (1) of this AD for that helicopter.
<p>Ref. Publications:</p>	<p>AgustaWestland BT 139-311, original issue dated 21 February 2014.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required action and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact Agusta S.p.A. E-mail: aw139.mbx@agustawestland.com .