


EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2008-0157 Date: 13 August 2008 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.
This AD is issued in accordance with EC 1702/2003, Part 21A.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].	
Type Approval Holder's Name : Agusta S.p.A.	Type/Model designation(s) : AB139 and AW139 helicopters
TCDS Number : EASA.R.006	
Foreign AD : Not applicable	
Supersedure : None	
ATA 53	Fuselage – Tail Boom Assembly – Inspection / Repair / Replacement
Manufacturer(s):	Agusta S.p.A.
Applicability:	AB139 and AW139 helicopters, all serial numbers, if a tail boom assembly Part Number (P/N) 3G5350A00131, P/N 3G5350A00132, P/N 3G5350A00133 or P/N 3G5350A00134 is installed.
Reason:	<p>Some operators of AB/AW139 helicopters have reported finding debonding of fuselage tail boom panels. This condition, if not detected and corrected, could lead to the structural collapse of the tail boom installation, resulting in loss of control of the helicopter.</p> <p>For the reason described above, this AD requires repetitive inspections of the tail boom assembly and, in case signs of debonding are detected, the reporting of findings to the design approval (type certificate) holder of the helicopter, and the accomplishment of corrective actions.</p>
Effective Date:	27 August 2008
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 100 flight hours (FH) or at the next scheduled 300-FH check, whichever occurs first after the effective date of this AD, inspect the tail boom panels in accordance with the instructions of Agusta Bollettino Tecnico (BT) 139-134.</p> <p>Note: For helicopters with serial numbers not listed in Agusta BT 139-134, the</p>

	<p>initial inspection as required by paragraph (1) of this AD is not necessary. This will be accomplished by Agusta, prior to the delivery of each helicopter.</p> <p>(2) Within 300 FH after the inspection as required by paragraph (1) of this AD or after helicopter first flight, as applicable, and thereafter at intervals not to exceed 300 FH, inspect the tail boom panels in accordance with the instructions of Agusta BT 139-134. Agusta Maintenance planning information Temporary Revision 011, Document 39-A-AMPI-00-P dated 28 July 2008, introduces task No.53-38 that also pertains to this subject.</p> <p>(3) If, during any inspection as required by this AD, signs of debonding are found that exceed the limits as specified in Agusta BT 139-134, before next flight, mark the debonded areas for identification, contact Agusta Product Support Engineering for approved repair or replacement instructions, and accomplish those instructions accordingly.</p> <p>(4) Within 100 FH after installation of a new tail boom and thereafter at intervals not to exceed 300 FH, inspect the tail boom panels in accordance with the instructions of Agusta BT 139-134.</p> <p>(5) Repair or replacement of the tail boom does not constitute terminating action for the inspection requirements of this AD.</p>
Ref. Publications:	<p>Agusta Bollettino Tecnico BT 139-134 dated 08 August 2008.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<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 actions 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 Airworthiness Directives, Safety Management & Research Section, Certification 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. Customer Support – Via per Tornavento, 15 21019 Somma Lombardo (VA), Italy Telephone + 39 0331 711222, Fax: + 39 0331 711254 E-mail aw139.mbx@agustawestland.com