


EASA	AIRWORTHINESS DIRECTIVE	
	<p><b>AD No.: 2011-0081</b></p> <p><b>Date: 09 May 2011</b></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 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].</p>		
<p><b>Type Approval Holder's Name :</b> Agusta S.p.A.</p>	<p><b>Type/Model designation(s) :</b> AB139 and AW139 helicopters</p>	
<p>TCDS Number :</p>	<p>EASA.R.006</p>	
<p>Foreign AD :</p>	<p>Not applicable</p>	
<p>Supersedure :</p>	<p>None</p>	
<p><b>ATA 64</b></p>	<p><b>Tail Rotor – Tail Rotor Blades – Inspection</b></p>	
<p>Manufacturer(s):</p>	<p>Agusta S.p.A.</p>	
<p>Applicability:</p>	<p>AB139 and AW139 helicopters, all serial numbers.</p>	
<p>Reason:</p>	<p>An occurrence has been reported of tail rotor dynamic unbalance on an AW139 helicopter.</p> <p>This condition, if not detected and corrected, could lead to a tail rotor structural failure, resulting in loss of control of the helicopter.</p> <p>While the investigation of this occurrence is still ongoing, this AD requires, as a precautionary measure, to perform repetitive inspections of the tail rotor blades and, in case of findings, the accomplishment of applicable corrective actions.</p>	
<p>Effective Date:</p>	<p>23 May 2011</p>	
<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless already accomplished:</p> <p>(1) Within the compliance time as specified in Table 1 of this AD, as applicable, inspect the tail rotor blades Part Number (P/N) 3G6410A00131 or P/N 4G6410A00131, as installed on the helicopter, in accordance with the instructions of Part I of Agusta Alert Bollettino Tecnico (BT) 139-251.</p>	

Table 1	
Flight Hours (FH) accumulated by the tail rotor blades, on the effective date of this AD:	Compliance time:
Less than 600 FH	Upon accumulation of 600 FH
600 FH or more, but less than 1 200 FH	Within 25 FH after the effective date of this AD
1 200 FH or more (see also § (3) of this AD)	Within 25 FH after the effective date of this AD

(2) Thereafter, at intervals not to exceed 25 FH, repeat the inspection as required by paragraph (1) of this AD.

(3) For tail rotor blades that, on the effective date of this AD, have already accumulated 1 200 FH or more, in addition to and concurrent with the inspection as required by paragraph (1) of this AD, inspect the tail rotor blades in accordance with the instructions of Part II of Agusta Alert BT 139-251.

(4) Thereafter, at intervals not to exceed 600 FH, repeat the inspection as required by paragraph (3) of this AD.

(5) If, during any inspection as required by of this AD, a crack or any sign of damage is found, before next flight, contact Agusta to request and obtain approved instructions for corrective action and accomplish those instructions accordingly.

(6) From the effective date of this AD, do not install any tail rotor blade P/N 3G6410A00131 or P/N 4G6410A00131 having accumulated 600 total FH or more on any helicopter, unless the tail rotor blade has passed the inspection in accordance with the instruction of Part III of the Agusta Alert BT 139-251.

Ref. Publications:	Agusta Alert Bollettino Tecnico 139-251, original issue dated 6 May 2011. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>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.</li> <li>3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management &amp; Research Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a> .</li> <li>4. For any question concerning the technical content of the requirements in this AD, please contact Agusta S.p.A. E-mail: <a href="mailto:aw139.mbx@agustawestland.com">aw139.mbx@agustawestland.com</a> .</li> </ol>