

<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>
	<p><b>AD No.: 2015-0161</b></p> <p><b>Date: 05 August 2015</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 EU 748/2012, Part 21.A.3B. In accordance with EU 1321/2014 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 [EU 1321/2014 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>Design Approval Holder's Name:</b> AGUSTAWESTLAND S.p.A.</p>	<p><b>Type/Model designation(s):</b> AW 189 helicopters</p>
<p>TCDS Number: EASA.R.510</p>	
<p>Foreign AD: Not applicable</p>	
<p>Supersedure: None</p>	
<b>ATA 55</b>	<b>Stabilizers – Tailplane Lower Fitting – Inspection / Replacement</b>
Manufacturer(s):	AgustaWestland S.p.A
Applicability:	AW 189 helicopters, all serial numbers, if equipped with tailplane lower fitting Part Number (P/N) 8G5350A07051, which is part of tailplane lower fitting assembly P/N 8G5350A06731.
Reason:	<p>Some crack findings have been reported on the tailplane fitting of in-service AW 189 helicopters following an onset of abnormal play.</p> <p>This condition, if not detected and corrected, could affect the structural integrity of the helicopter.</p> <p>To address this unsafe condition, AgustaWestland issued Bolletino Tecnico (BT) 189-038 to provide inspection instructions.</p> <p>For the reason described above, this AD requires repetitive inspections of the tailplane lower fitting assembly and, depending on findings, replacement of affected parts.</p>
Effective Date:	19 August 2015

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) Within 50 flight hours (FH) after the effective date of this AD and, thereafter, at intervals not to exceed 25 FH, inspect the tailplane lower fitting assembly for play in accordance with the instructions of PART I of AgustaWestland BT 189-038.</li> <li>(2) If, during any inspection as required by paragraph (1) of this AD, any play is found in the tailplane lower fitting assembly, before next flight, inspect bolts P/N 4F5510A00451 and P/N 4F5510A00452 and the elastomeric bushings installed in the fitting, P/N 4F5510A01431 and P/N 4F5510A01531, for condition, and, depending on findings, accomplish the applicable corrective action(s) in accordance with the instructions of PART I of AgustaWestland BT 189-038.</li> <li>(3) Within 50 FH after the effective date of this AD, and thereafter, at intervals not to exceed 50 FH, inspect the tailplane lower fitting for cracks in accordance with the instructions of PART II of AgustaWestland BT 189-038.</li> <li>(4) If, during any inspection as required by paragraph (3) of this AD, any crack and / or damage is found, within 10 FH after that inspection, replace the tail plane lower fitting in accordance with the instructions of paragraph PART III of AgustaWestland BT 189-038.</li> <li>(5) Accomplishment of corrective action(s) on a helicopter, as required by paragraph (2) of this AD, or replacement of a tail plane lower fitting as required by paragraph (4) of this AD, as applicable, does not constitute terminating action for the repetitive inspections as required by paragraphs (1) and (3) of this AD for that helicopter.</li> </ol>
<p>Ref. Publications:</p>	<p>AgustaWestland BT 189-038 original issue, dated 05 August 2015.</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"> <li>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.</li> <li>2. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication.</li> <li>3. Enquiries regarding this AD should be referred to the Safety Information 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: AgustaWestland S.p.A. E-mail: <a href="mailto:PSE_aw189.mbx@agustawestland.com">PSE_aw189.mbx@agustawestland.com</a>.</li> </ol>