


<b>EASA</b>	<b>PROPOSED AIRWORTHINESS DIRECTIVE</b>	
	<p><b>PAD No.: 07 - 191</b></p> <p><b>Date: 29 October 2007</b></p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
<b>Type Approval Holder's Name :</b>		<b>Type/Model designation(s) :</b>
Agusta S.p.A.		AB139 and AW139 helicopters
TCDS Number: EASA R.006		
Foreign AD: Not applicable		
Supersedure: This AD supersedes EASA AD 2007-0142 dated 18 May 2007		
<b>ATA 56</b>	<b>Windows – Cockpit Doors, Windows and Sealing – Inspection / Repair / Replacement / Modification</b>	
Manufacturer(s):	Agusta S.p.A.	
Applicability:	<p>Paragraph 1. of the compliance requirements of this AD is applicable to:</p> <p>AB139 helicopters, from serial number (s/n) 31005 to s/n 31054 (included), except s/n 31007; AW139 helicopters s/n 41001 and from s/n 31055 to s/n 31080 (included), except s/n 31068, s/n 31073 and s/n 31074.</p> <p>Paragraph 2. of the compliance requirements of this AD is applicable to:</p> <p>AB139 helicopters from s/n 31005 to s/n 31054 (included) except s/n 31007 and AW139 helicopters from s/n 31055 to s/n 31089 (included), s/n 31092, s/n 31093, s/n 31095, from s/n 31097 to s/n 31101 (included), from s/n 31103 to s/n 31107 (included) and from s/n 41001 to s/n 41003 (included).</p>	
Reason:	<p>Operators had reported a number of occurrences of in-flight loss of cockpit door windows, both left and right side. This condition, if not corrected, could result in damage to critical components. As this unsafe condition was likely to occur in other helicopters of the same type design, EASA Airworthiness Directive (AD) 2007-0142 required a dimensional check and, if necessary, repair of the cockpit door installation and a replacement of the window seal.</p> <p>After the issuance of AD 2007-0142 cases of cracks on sliding windows</p>	

	<p>leading to loss of part of the window have been reported on cockpit doors to which actions required by the same AD were applied.</p> <p>Therefore this AD supersedes AD 2007-0142 taking over its requirements, and requires, as an additional action, a reinforcement of the sliding windows in the area where cracks have developed.</p>
Effective Date:	Proposed: 14 days after final AD issue date.
Compliance:	<p>Required as indicated, unless accomplished previously, within 150 flight hours (FH) or 6 months (whichever occurs first) after the effective date of this AD:</p> <ol style="list-style-type: none"> <li>1. For AB139 and AW139 helicopters with s/n as per the applicability paragraph of this AD, accomplish the required actions to verify the correct geometry of the door frame and windows seal installation in accordance with Part I of Agusta Bollettino Tecnico (BT) 139-087. Moreover instructions for the installation of an improved seal are provided in Part I of Agusta Bollettino Tecnico (BT) 139-087 in order to increase the tolerance of the current design.</li> <li>2. For AB139 and AW139 helicopters with s/n as per the applicability paragraph of this AD, accomplish the required actions for the installation of an additional reinforcement on sliding windows in order to increase the tolerance of the current design in accordance with the instructions provided in Part II of Agusta Bollettino Tecnico (BT) 139-087.</li> </ol>
Ref. Publications:	Agusta Bollettino Tecnico 139-087 Rev. A or later approved revisions.
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</li> <li>2. The closing date for comments is 19 November 2007.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - 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 Customer Support Engineering, E-mail: <a href="mailto:aw139.mbx@agustawestland.com">aw139.mbx@agustawestland.com</a></li> </ol>