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| <b>EASA</b>  | <b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>   |                                    |
|   | <p><b>AD No : 2006-0360-E</b></p> <p><b>Date: 29 November 2006</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.  |  | AB 139, AW 139 helicopters         |
| TCDS Number : EASA R.006   |  |                                    |
| Foreign AD : Not applicable  |  |                                    |
| Revision/Supersedure : This AD supersedes and cancels EASA Emergency AD 2006-0242-E.   |  |                                    |
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| <b>ATA 78</b>  | <b>Exhaust – Tailpipe Assembly – Inspection/Repair/Replacement</b>   |                                    |
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| Manufacturer(s):   | Agusta S.p.A.  |                                    |
| Applicability:   | AB 139 and AW 139 helicopters, all serial numbers, except 31002, 31003, 31004 and 31007, if equipped with Tailpipe Assemblies having Part Number (P/N) 3G7800L00131 (LH) or 3G7800L00231 (RH).   |                                    |
| Reason:  | <p>Field reports have shown that the Agusta AB/AW 139's Tailpipe Assembly is prone to cracks. To prevent any cracks from developing into failure of the exhaust tailpipe assembly, a repetitive inspection and, if necessary, replacement has been introduced by EASA Emergency AD 2006-0242-E.</p> <p>The present Emergency AD retains these requirements and expands the applicability to include the AW 139 models. In addition, repair procedures have been introduced by the present directive for those cracks that are outside the cowling and are within the allowable limits.</p> |                                    |
| Effective Date:  | 01 December 2006   |                                    |
| Compliance:  | <p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> <li>(1) For AB 139 helicopters: Before next flight after 11 August 2006 [the effective date of EASA EAD 2006-0242-E], inspect the tailpipe assembly in accordance with the instructions of Agusta BT 139-069 Revision A dated November 8, 2006;</li> <li>(2) For AW 139 helicopters: Before next flight after the effective date of this directive, inspect the tailpipe assembly in accordance with the instructions of Agusta BT 139-069 Revision A dated November 8, 2006;</li> </ol>  |                                    |

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|                    | <p>(3) If heat damage or cracks are found in the exhaust area residing inside the cowling, before next flight, replace the damaged tailpipe assembly with an airworthy part in accordance with the Agusta AW139 Aircraft Maintenance Publication (AMP);</p> <p>(4) If cracks are found in the exhaust area residing outside the cowling that turn off abruptly from the original direction or are outside the allowable limits established by Agusta BT 139-069 Rev. A, before next flight, replace the cracked tailpipe assembly with an airworthy part in accordance with the Agusta AW139 Aircraft Maintenance Publication (AMP);</p> <p>(5) If cracks are found in the exhaust area residing outside the cowling that are within the allowable limits established by Agusta BT 139-069 Rev. A, before next flight, one of the following repairs must be accomplished:</p> <ul style="list-style-type: none"> <li>a) Drill a stop hole at the end of the crack and perform a daily inspection to verify that crack length does not increase. If the crack length increases to the limits established by Agusta BT 139-069 Rev. A, before next flight, replace the cracked tailpipe assembly with an airworthy part in accordance with the Agusta AW139 Aircraft Maintenance Publication (AMP).</li> <li>b) Repair in accordance with the instructions of Agusta BT 139-069 Rev. A.</li> </ul> <p>(6) Thereafter, at intervals not exceeding 25 flight hours, repeat the inspection as required by paragraph (1) or (2) of this directive, as applicable, and accomplish the follow-up actions, as required.</p> <p>(7) Repair or replacement of the affected tailpipe assembly does not constitute terminating action for the repetitive inspection as required by paragraph (6) of this directive.</p> |
| Ref. Publications: | Agusta BT 139-069 Revision A dated November 8, 2006 or later approved revisions.   |
| Remarks :          | <ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.</li> <li>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</li> <li>3. Enquiries regarding this AD should be addressed 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 questions concerning the technical content of the requirements in this AD, please contact:<br/>Agusta S.p.A., an AgustaWestland company, Via G. Agusta 520, 21017 Cascina Costa di Samarate (VA), Italy;<br/>telephone +39-0331-229111; facsimile +39-0331-229605 or 222595;<br/>E-mail: <a href="mailto:info@agustawestland.com">info@agustawestland.com</a></li> </ol>   |