


<b>EASA</b>	<b>EMERGENCY AIRWORTHINESS DIRECTIVE</b>
	<p><b>EAD No.: 2010-0025-E</b></p> <p><b>Date: 12 February 2010</b></p> <p>Note: This Emergency Airworthiness Directive (EAD) 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 EAD 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 Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive 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> <b>AERO Sp. z o.o.</b></p>	<p><b>Type/Model designation(s) :</b> <b>AT-3/AT-3R100 aeroplane, AT-4 LSA aeroplane</b></p>
<p>TCDS Number : AT-3/AT-3R100: EASA TC No EASA.A.021, AT-4 LSA: approved under PtF</p>	
<p>Foreign AD : NA</p>	
<p>Supersedure : NA</p>	
<p><b>ATA No 27</b>      <b>Flight Controls - Rudder Control System – Inspection/Replacement</b></p>	
<p>Manufacturer(s): <b>AERO Sp. z o.o.</b></p>	
<p>Applicability: AT-3R100 aeroplane with factory numbers starting AT3-026 up to AT3-055 AT-4LSA aeroplane with factory numbers starting AT4-001 up to AT4-022</p>	
<p>Reason: A routine inspection of AT-3R100 aeroplane revealed that the plastic part of right hand rear rudder cable pulley was dislodged from the mounting sleeve.  The detached part of the pulley contacted the elevator push/pull rod yoke, restricting elevator authority and reducing rudder cable tension.  This condition, if not corrected, could lead to loss of one or more primary flight controls and consequently impair controllability of the aeroplane.  For the reason stated above, this AD requires an inspection of rudder cable pulleys and if necessary their replacement.</p>	
<p>Effective Date: 14 February 2010</p>	

<p>Required action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Before next flight after the effective date of this AD, inspect the cable guiding pulleys in accordance with paragraph 3.1 of the Mandatory Service Bulletin (MSB) No. ATB3.03.B or MSB No. ATB4.01.B, as applicable.</p> <p>(2) If any pulley of the rudder control system is damaged, before further flight, replace it with a metallic one, Part Number: AT3.27.395.0, in accordance with the instructions in paragraph 3.2 of the MSB No. ATB3.03.B or MSB No. ATB4.01, as applicable.</p> <p>(3) If no pulley of the rudder control system is damaged,</p> <p>(3.1) Repeat the inspection required in paragraph (1) of this AD at every daily pre-flight inspection,</p> <p>or</p> <p>(3.2) Replace the pulleys with metallic ones, Part Number: AT3.27.395.0, in accordance with the instructions of paragraph 3.2 of the MSB No. ATB3.03.B or MSB No. ATB4.01, as applicable.</p> <p>(4) If during the inspection required by paragraph (1) of this AD any other discrepancy to the flight controls system is found, before next flight, contact AERO Sp. Z o.o for instructions and accomplish them accordingly.</p>
<p>Ref. Publications:</p>	<p>For AT-3R100 aeroplane :</p> <ul style="list-style-type: none"> <li>- AERO Sp. z o.o. Mandatory Service Bulletin No. ATB3.03.B, Issue 1, dated 5 February 2010.</li> <li>- Maintenance Manual of the AT-3R100 Aeroplane, Doc. No ATT3.03.</li> </ul> <p>For AT-4 LSA aeroplane :</p> <ul style="list-style-type: none"> <li>- AERO Sp. z o.o. Mandatory Service Bulletin No. ATB4.01.B for AT-4 LSA, Issue 1, dated 8 February 2010.</li> <li>- Maintenance Manual for AT-4 LSA Light Sport Aeroplane, Doc. No ATT4.02A.</li> </ul> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks :</p>	<p>1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this EAD.</p> <p>2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification.</p> <p>3. Enquiries regarding this EAD 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>.</p> <p>For any questions concerning the technical content of the requirements in this EAD, please contact:</p> <p style="text-align: center;">AERO Sp. z o.o. ul. Wał Miedzeszyński 844 03-942 Warszawa POLAND Phone: +48 22 616 20 87 Fax: +48 22 617 85 28 e-mail: <a href="mailto:service@at-3.com">service@at-3.com</a></p>