


EASA	AIRWORTHINESS DIRECTIVE
	<p style="text-align: center;">AD No : 2007-0042</p> <p style="text-align: center;">Date: 21 February 2007</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.	
Type Approval Holder's Name : Alexander Schleicher GmbH & Co	Type/Model designation(s) : ASW 28-18 E
TCDS Number : EASA A.034	
Foreign AD : Not applicable	
Supersedure : Not applicable	
ATA 71	Powerplant – RPM Sensor, Fuel Pump & Instrument Hardware Improvements – Installation
Manufacturer:	Alexander Schleicher GmbH & Co
Applicability:	ASW 28-18 E sailplanes, all serial numbers up to 28742 inclusive.
Reason:	Cracks were found on the RPM-Sensor and the Fuel Pump attachment plates during manufacturer inspections. When the cracks are not detected during normal inspections, loose parts could adversely affect engine operation. For the reasons stated above, this Airworthiness Directive (AD) requires the replacement of the affected attachment parts, an update of the Powerplant Instrument hardware and the replacement of a Flight Manual page.
Effective Date:	7 March 2007
Compliance:	<p>From the effective date of this AD and no later than 30 April 2007:</p> <ol style="list-style-type: none"> 1) Replace the aluminium RPM-Sensor attachment plate part number (p/n) 850.72.0021 with the Fibre-Reinforced-Plastic (FRP) attachment plate p/n 850.72.203 as instructed in the ASW 28-18E Technical Note No.2. 2) Replace the Fuel Pump attachment plate p/n 850.72.0088 with a new formed part; as instructed in the ASW 28-18E Technical Note No.2. 3) Update the Powerplant Instrument hardware versions H1.01 and H1.02 to version H1.03 or H1.06.in accordance with the ASW 28-18E

	<p>Technical Note No.2 and</p> <p>4) Replace the Flight Manual Page 4.22 with a new page supplied by the Type Certificate holder on request, whose address is given in the 'Remarks' section of this directive.</p>
Ref. Publications:	Alexander Schleicher ASW 28-18E Technical Note No.2 dated 13 November 2006 or later approved revisions.
Remarks :	<ol style="list-style-type: none"> 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. 2. This AD was posted as PAD 07-003 for consultation on 09 January 2007 until 30 January 2007. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the AD Focal Point, Certification Directorate, EASA. E-mail ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: Alexander Schleicher GmbH & Co. Segelflugzeugbau D- 36163 Poppenhausen, Federal Republic of Germany Telephone: ++ 49 6658 89-0, Fax: ++ 49 6658 89-40 E-mail: sales@alexander-schleicher.de