


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No. : 2005-0031</p> <p>Date: 8 December 2005</p>
<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.</p>	
<p>Type Approval Holder's Name Sky International, Inc.</p>	<p>Type/Model designation(s) (PITTS) S-1 SERIES AIRCRAFT</p>
<p>FAA TCDS A8SO</p>	
<p>Foreign AD: No State of Design AD</p>	
<p>Supersedure: Supersedes UK CAA AD 002-06-93 Rev 1</p>	
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ATA 55	Structure – Tailplane Support Tube – Modification/Replacement.
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<p>Manufacturer:</p>	<p>Aviat Aircraft, Inc. Afton Wyoming, Pitts Aviation Enterprises, Aerotek Inc. and Pitts Aerobatics.</p>
<p>Applicability:</p>	<p>S-1S and S-1T aircraft not having external tailplane leading edge lower diagonal support tubes fitted.</p>
<p>Reason:</p>	<p>A near catastrophic in-flight failure of the tailplane support tube indicated that an inadequate design standard existed for this tube. Failure of the tube could result in complete separation of the tailplane and loss of the aircraft.</p>
<p>Effective Date:</p>	<p>20 December 2005</p>
<p>Compliance:</p>	<p>Required within 1 month from the effective date of this Directive,</p> <p>Inspect the leading edge tailplane support tube located within the fuselage to establish its design standard. If the support tube is identified as Part No. 1-210-126, it must be replaced with a support tube Part No. 1-210-166 or approved equivalent.</p> <p>Replacement, if required, must be carried out prior to further aerobatic flight or not later than 25 flight hours from carrying out the initial inspection if the aircraft is to be flown for non-aerobatic flight. Modify by installing in the cockpit in full view of the pilot the following placard if the aircraft is to be flown for non-aerobatic flight:</p>

	<p>AEROBATICS PROHIBITED UNTIL FULL COMPLIANCE WITH EASA AD 2005-0031</p> <p>NOTE: Letters to be clear and at least 4 mm high on a contrasting background. The placard must be removed when the aircraft is in full compliance with this Directive.</p>
Ref. Publications:	<p>Service Bulletin No.14 available from Sky International Inc. 672 South Washington Street, Afton, Wyoming 83110. (Note: The licensed manufacturer is Aviat Aircraft, Inc. Box 1240, 672 South Washington Street, Afton, Wyoming)</p>
Remarks:	<p>This AD was previously published for comment as PAD 05-016. The comments received are addressed in the Comment Response Document on PAD 05-016 published on the EASA web site.</p> <p>Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail ADs@easa.eu.int</p> <p>NAAAs are advised that homebuilt Pitts aircraft of a similar design, which are not under the responsibility of EASA may also be affected.</p>