

EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2013-0172R1</p> <p>Date: 06 September 2013</p> <p>Note: This Airworthiness Directive (AD) 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 AD is issued in accordance with EU 748/2012, Part 21.A.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 AD applies, except in accordance with the requirements of that AD, 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>Design Approval Holder's Name: SAAB AB, AERONAUTICS</p>	<p>Type/Model designation(s): 2000 aeroplanes</p>	
<p>TCDS Number:</p>	<p>EASA.A.069</p>	
<p>Foreign AD:</p>	<p>Not applicable</p>	
<p>Revision:</p>	<p>This AD revises EASA Emergency AD 2013-0172-E dated 30 July 2013.</p>	
<p>ATA 38</p>	<p>Water / Waste – Potable Water System – Deactivation</p>	
<p>Manufacturer(s):</p>	<p>Saab AB, Aeronautics (formerly SAAB Aerosystems)</p>	
<p>Applicability:</p>	<p>Model 2000 aeroplanes, serial numbers (s/n) 004 through 016 inclusive, s/n 018, 022, 023, 024, 026, 029, 031, 032 and 033, s/n 035 through 039 inclusive, s/n 041 through 044 inclusive, s/n 046, 047, 048 and 051, and s/n 053 through 063 inclusive.</p>	
<p>Reason:</p>	<p>One occurrence of rudder pedal restriction has been reported on a SAAB 2000 aeroplane. Subsequent investigation showed that this was the result of water leakage at the inlet tubing for the in-line heater (25HY) in the lower part of the forward fuselage (Zone 116). The in-line heater attachment was found ruptured, which resulted in water spraying in the area. Frozen water on the rudder control mechanism in Zone 116 then led to the rudder pedal restriction.</p> <p>Analysis after the reported event indicates that the pitch control mechanism (including pitch disconnect/spring unit) may also be frozen as a result of water spray, which would prevent disconnection and normal pitch control.</p> <p>This condition, if not corrected, could result in further occurrences of reduced control of an aeroplane.</p> <p>Prompted by these findings, as a temporary action to avoid this potential unsafe condition, SAAB determined that the potable water system should be deactivated. SAAB is working on a solution that is expected to eliminate the consequences of water spraying in the area.</p> <p>To address this unsafe condition, EASA issued Emergency AD 2013-0172-E to require deactivation of the Potable Water System.</p> <p>Since that AD was issued, SAAB developed a temporary alternative procedure</p>	

	<p>for filling, reactivation and continued operation of the potable water system. This procedure includes a visual inspection to make sure that there is no water spray in the lower part of the forward fuselage (Zone 116) during refilling of the potable water.</p> <p>For the reasons described above, this AD is revised to allow application of the alternative filling procedure of the Potable Water System.</p> <p>This AD is still considered to be an interim action and further AD action may follow.</p>
Effective Date:	<p>Revision 1: 06 September 2013</p> <p>Original issue: 01 August 2013</p>
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 30 days after 01 August 2013 [the effective date of the original issue of this AD], deactivate the potable water system in accordance with the instructions of SAAB Service Bulletin (SB) 2000-38-010.</p> <p>(2) As an alternative, or subsequent, to the action required by paragraph (1) of this AD, during each filling of the Potable Water System after the effective date of this AD, accomplish the filling procedure in accordance with instructions of SAAB Service News Letter (SNL) 2000-1304, which allows reactivation of the Potable Water System.</p>
Ref. Publications:	<p>SAAB SB 2000-38-010 original issue, dated 12 July 2013.</p> <p>SAAB SNL 2000-1304 original issue, dated 30 August 2013.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks:	<ol style="list-style-type: none"> If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. For any question concerning the technical content of the requirements in this AD, please contact: Saab AB, Support and Services SE-581 88 Linköping, Sweden Fax: +46 13 184874 E-mail: saab2000.techsupport@saabgroup.com.