


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE	
	AD No : 2006-0053 – E Date: 22 February 2006	
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 :		Type/Model designation(s) :
Saab AB, Saab Aerosystems		SAAB 2000
TCDS Number : EASA A.069		
Foreign AD : none		
Supersedure : none		
ATA 57	Wings –Aileron - Control Surface Balancing of the Aileron	
Manufacturer(s):	Saab AB, Saab Aerosystems (Saab Aircraft AB)	
Applicability:	SAAB 2000 airplanes, ranging from serial number (S/N) -004 thru -063 and spares Aileron, p/n 7357600-501/502 p/n 7357600-503/504 p/n 7357600-505/506 p/n 7357600-507/508 p/n 7357991-601/602 p/n 7357991-603/604 p/n 7357991-605/606 p/n 7357995-843/844 p/n 7357995-927/928	
Reason:	Ref to SN2000-0603 It has been revealed that the control surface balancing procedure in the web and CD/DVD versions of the SAAB 2000 SRM Chapter 51-60-00, Control Surface Balancing Procedure is incorrect. The incorrect Calculation formula (page 1,4 and 7) was incorporated in Revision 21 of the SRM dated April 01/05 and was distributed in 4 July 2005 on the CD/DVD issue Apr. 01/05.	

	<p>In the incorrect formula, an "x" (multiplication) has been replaced with a "+" (addition) when the data was converted in the system and if this formula is followed, you may receive a result outside of the allowed tolerance.</p> <p>Incorrect balance, outside the tolerance of the aileron control surface, may lead to vibrations that in worst case can result in flutter.</p> <p>The hard copy of the manual, SAAB 2000 SRM, is correct.</p> <p>The CD/DVD dated Oct 01/05, marked "Reissue", includes a correct SAAB SRM revision 22. The reissued CD/DVD will be distributed in the end of February.</p>
Effective Date:	22 February 2006
Compliance:	<p>The following measures are rendered mandatory from the effective date of this AD.</p> <p>Within one month, identify ailerons that have been balanced after 4 July 2005. If balanced incorrectly they must be rebalanced in accordance with SAAB SB 2000-57-040.</p> <p>The CD/DVD "Issue Date: Apr 01/05" including the SAAB 2000 SRM at Revision 21 and the CD/DVD "Issue Date: Oct 01/05" including SRM at Revision 22 are unsafe and must be scrapped after receipt of CD/DVD "Issue Date: Oct 01/05 reissue" distributed end of February 2006.</p>
Ref. Publications:	<p>SAAB 2000 Structural Repair Manual (SRM), Doc.No. 73LKS0033, Chapter 51-60-00</p> <p>Service Bulletin SAAB 2000-57-40</p> <p>Saab Service Newsletter SN2000-0603, dated 9 February 2006</p>
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 Method of Compliance (AMOCs) for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification 3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail ADs@easa.eu.int 4. For any question concerning the technical content of the requirements in this AD, please contact Saab AB, Saab Aerotech (Ph.: +46 13 185591 Fax: +46 13184874, e-mail: technical.support@saabaircraft.com)