


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2007-0013</b></p> <p><b>Date: 11 January 2007</b></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.		
<b>Type Approval Holder's Name:</b>	<b>Type/Model designation(s):</b>	
Short Brothers PLC	SC7 Skyvan Series 3, 3A and 3M,	
TCDS Number: N/A		
Foreign AD: N/A		
Supersedure: EASA AD No 2006-0190		
<b>ATA 51</b>	<b>Structures – Essential actions required to extend the Life of the Aircraft</b>	
<b>Manufacturer(s):</b>	Short Brothers PLC (formerly Short Brothers Ltd; Short Brothers & Harland Ltd).	
<b>Applicability:</b>	All model SC7 Skyvan Series 3, 3A and 3M aeroplanes, except serial numbers SH.1845, SH.1847, SH.1883, SH.1889, SH.1943 and SH.1960.	
<b>Reason:</b>	<p><b>Affected SC7 Aircraft that have not yet reached the operational service life threshold specified in Service Bulletin 51-51</b></p> <p>After the effective date of this AD, any affected Skyvan aircraft that are to remain in operational service beyond the applicable operational service life threshold specified in Service Bulletin 51-51 Para 1.C must incorporate the modifications and comply with the inspections and replacements of lifed items in accordance with Shorts Service Bulletin 51-51 Rev 8 or later approved revision. Additionally the owner/operator must incorporate the supplemental maintenance tasks specified in the Shorts Skyvan Maintenance Programme Appendix 1 part A or B, as appropriate, into their Approved Maintenance Schedule.</p> <p><b>Affected SC7 aircraft that have already reached the operational service life threshold specified in Service Bulletin 51-51</b></p> <p>(i) After the effective date of this AD, the Approved Maintenance Schedule for any affected Skyvan aircraft where the modifications, inspections and replacement of lifed items have already been accomplished in accordance with Shorts <u>SB 51-51 Rev 6 or earlier revisions</u>, must incorporate a task to visually inspect the internal structure of the wing strut attachment fitting in accordance with the Shorts Skyvan Maintenance Programme Appendix 1</p>	

	<p>Part A or Part B, Section 57-00, Item 3.</p> <p><i>Note: Earlier revisions of SB 51-51 (prior to Rev 7) called for a Repeat Inspection every 2400 flights. Revision 7 corrects this, and calls for the Repeat Inspection at intervals in accordance with the Shorts Skyvan Maintenance Programme Appendix 1 Part A or Part B, Section 57-00, Item 3.</i></p> <p>If the aircraft has been maintained to an Approved Maintenance Schedule that does not incorporate a task to visually inspect the internal structure of the wing strut attachment fitting in accordance with the Shorts Skyvan Maintenance Programme Appendix 1 Part A or Part B, Section 57-00, Item 3, the following action must be accomplished.</p> <p>Establish the maintenance history associated with structural inspections of the internal wing strut attachment fitting and if found to be out of compliance with the 1100 flights/800 Hours Repeat Inspection interval, the aircraft must now be inspected within 3 months or 600 flights (whichever is the lesser) of the effective date of this AD.</p> <p>(ii) After the effective date of this AD, any affected Skyvan aircraft where the modifications, inspections and replacement of lifed items has already been accomplished in accordance with Shorts <u>SB 51-51 Rev 7</u>, must be inspected to ensure that the starboard flap operating levers P/N SC7-45-1766 have been replaced.</p> <p><i>Note: Revision 7 of the SB 51-51 omitted the starboard flap operating levers P/N SC7-45-1766, revision 8 corrects this omission.</i></p> <p>If the starboard flap operating levers were not replaced at the operational service life threshold, the life history status of the starboard flap operating levers part number SC7-45-1766 must be established. Where the life is found to be unknown, or above the life limit specified in the SB 51-51, revision 8 or later approved revisions, affected parts must be replaced within 3 months of the effective date of this AD.</p> <p>The above noted deficiencies associated with EASA AD 2006-0190 are considered to be substantive and an EASA AD is required superseding previous EASA AD 2006-0190.</p>
Effective Date:	25 January 2007
Compliance	From the effective date of this AD, establish the life history status of the starboard flap operating levers, part number SC7-45-1766. Where the life is found to be unknown, or above the life specified in the SB 51-51, revision 8 or later approved revisions, affected parts must be replaced within 3 months of the effective date of this AD.
Ref. Publications:	Short Brothers PLC Service Bulletin 51-51 issue 8 or later approved revisions.
Remarks:	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOC) for this AD.</li> <li>2. This AD was posted as PAD 06-267 on 12 December 2006 for consultation until 08 January 2007. No comments were received during the consultation period.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to the Airworthiness Directive Focal Point – Certification Directorate, EASA.</li> </ol>

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4. For any questions concerning the technical content of the requirements in this AD, please contact Airworthiness, Short Brothers PLC, PO Box 241, Airort Road, Belfast, BT3 9DZ Northern Ireland.  
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