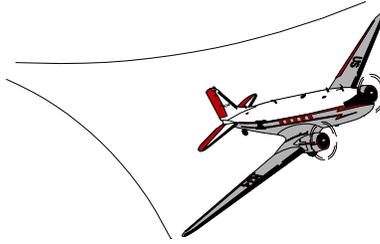


# SPECIAL AIRWORTHINESS INFORMATION BULLETIN



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

AIRCRAFT CERTIFICATION SERVICE  
800 INDEPENDENCE AVENUE, S.W.  
WASHINGTON, DC 20591

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This is issued for informational purposes only and any recommendation for corrective action is not mandatory.

## **Introduction**

The purpose of this Special Airworthiness Information Bulletin (SAIB) is to inform registered owners/operators of Short Brothers Skyvan SC.7 aircraft of reports of pitting corrosion and stress corrosion cracking of the flight control rods.

## **Background**

The Short Brothers have received reports of pitting corrosion and stress corrosion cracking in the aircraft flight control system. Consequently, the manufacturer issued Service Bulletin 27-74 which required a visual inspection and a dye penetrant inspection of the rudder, aileron, elevator, trim and flap control rods. The initial inspection was to be completed within 60 hours of receipt of the Service Bulletin, and subsequent inspections at 1200 hour or 2 year intervals (whichever is lesser).

## **Recommendation**

The FAA is recommending, but not requiring, that owners/operators of Short Brothers Model SC.7 airplanes inspect the flight control rods thoroughly as detailed by the Accomplishment Instructions of Short Brothers Service Bulletin 27-74 Revision 2, dated April 29, 1997. It is also recommended that the control rods be visually inspected whenever exposed during routine maintenance.

## **For Further Information Contact:**

FAA, Small Airplane Directorate, Attention: Mr. Roger P. Chudy, ACE 112, 1201 Walnut, Suite 900, Kansas City, MO 64106, telephone (816) 426-6934, fax (816) 426-2169.

Copies of Short Brothers Service Bulletin 27-74 Revision 2, dated April 29, 1997 may be obtained from Short Brothers PLC, P.O. Box 241, Airport Road, Belfast BT3 9DZ, Northern Ireland.