



TITLE	AX3 AND AX2000 LIFT STRUT TANGS, BOLTS and MAIN AXIS CABLE
CLASSIFICATION	ADVISORY
COMPLIANCE	AT NEXT PERMIT RENEWAL
APPLICABILITY	AX3 AND AX2000, ALL VARIANTS

Introduction:

Service experience indicates the lift strut tangs are remaining in good condition at the required replacement interval whereas the bolts and pins connecting them are developing wear. Wear of the main axis cable has also been noted in heavily used training aircraft.

Action:

Lift Strut Tangs:

The component replacement life for AX3 and AX2000 lift strut tangs is extended to 750 hours.

At 750 hours, it is possible to further extend the life by 1/3, i.e. a further 250 hours by means of a recognised NDI inspection for fatigue cracks, distortion, wear or corrosion. The life extension must be signed off by a BMAA inspector in the technical log. The NDI examination can be repeated every 250 hours thereafter.

Any findings of fatigue cracking or other damage must be reported to us.

Lift Strut Bolts:

The bolts and pins joining the tangs to the structure are subject to wear, removal of plating and corrosion. They must be removed and inspected according to the maintenance schedule, i.e. every 250 hours, and replaced if worn or corroded.

Main Axis Cable:

The main axis 4mm cable tends to wear against the attachment points at each end of the main beam. The cable must be inspected closely for broken strands in these areas every 250 hours. Lubrication with Coppaslip or similar will prolong the life.

It is recommended to renew the main axis cable every 2000 landings or 1000 hours, whichever comes first.

ISSUED BY W.G. Brooks

DATE 21/3/02

Chief Engineer		Date
Production Manager		Date

Sales Director		Date
Managing Director		Date