

TECHNICAL INSTRUCTION

TITLE

T.I. No. 106/T59

T59 'Kestrel' Elevator Push Rod in Fin

CLASSIFICATION This bulletin has been classified as MANDATORY by CAA.

COMPLIANCE To be carried out within 6 months of issue of Bulletin.

OBJECTIVE To ensure structural integrity of the Push Rod.

JUSTIFICATION An inspection on a Kestrel revealed internal corrosion on the push rod of the elevator, sufficiently advanced to corrode through the rod wall, due to water ingress from the top inspection hole.

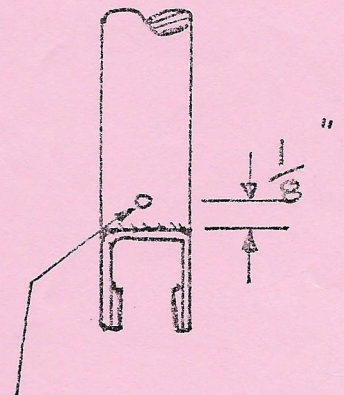
APPLICABILITY All Slingsby T59 A,B,C,D,E,F,G,H & J gliders.

CONSEQUENTIAL LIMITATIONS

Not applicable.

ACTION

The Push Rod must be removed for examination. Bottom access can only be gained through the removal of the wheel well fairing. If possible inspect to check wall thickness at the bottom. See Fig. If facilities exist for ultrasonic inspection or x-ray to ensure no internal corrosion then the rod can be refitted. If structural integrity cannot be confirmed then the rod must be replaced.



1/16" dia inspection hole can be drilled and left open on refit if no corrosion found.

PARTS REQUIRED

T59A-45-507 Push Rod - Elevator Fin.

ISSUED BY:

B. Mellen

Date 20.1.87

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