



SCHWEIZER SERVICE BULLETIN

C1B-014
09 Aug 2002

MANDATORY

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SUBJECT: ONE-TIME INSPECTION OF 269A2172-5 AFT MAST SUPPORT TUBE FORWARD FITTING

MODELS AFFECTED: All Model 269C-1 Helicopters

TIME OF COMPLIANCE: Unless already accomplished, within 25 hours of receipt of this Service Bulletin

REFERENCE: 269C-1 HMI (Issued: 14 Jul 1995; Revised: 31 May 2002) and HMI Appendix B (Issued: 14 Jul 1995; Revised: 09 Aug 2002)

- PREFACE:
- Field reports indicate cracks can develop in the forward fitting of the subject tube and this can lead to a failure of the tube assembly. (See Figure C1B-014.) After completion of this one-time special inspection, the tube is to be inspected at the normal intervals found in HMI Appendix B.
 - Failure to comply with this Service Bulletin may lead to loss of control of the helicopter and subsequently cause property damage, injury or death.

PROCEDURE:

- a. Using a ten power magnifying glass, thoroughly inspect the entire surface of both sides of the subject forward fitting for corrosion and cracks. Pay particular attention to the weld area where the fitting joins the tube. (See Figure C1B-014 for area to be inspected.) If corrosion is present or cracks are suspected but not confirmed, remove the support tube and magnetic particle inspect. Replace tube if cracks are found. Support tailboom and remove strut in accordance with HMI Sections 11 and 13. No weld repairs to strut are allowed.
- b. If corrosion is found on thin web, and crack is not found in magnetic particle inspection, glass bead clean. If corrosion pits are evident in thin web after glass bead clean, replace tube.
- c. Repair all other corrosion and restore finish according to the HMI Appendix D, Corrosion Control Manual.
- d. Record compliance with this Service Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.

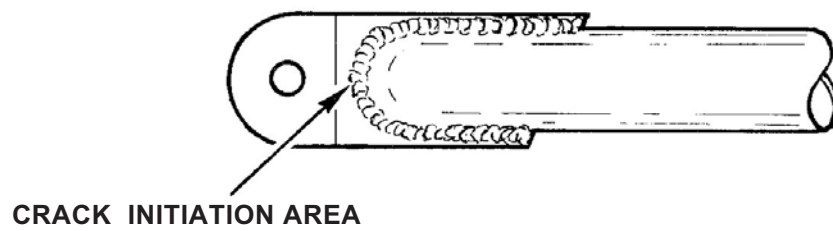
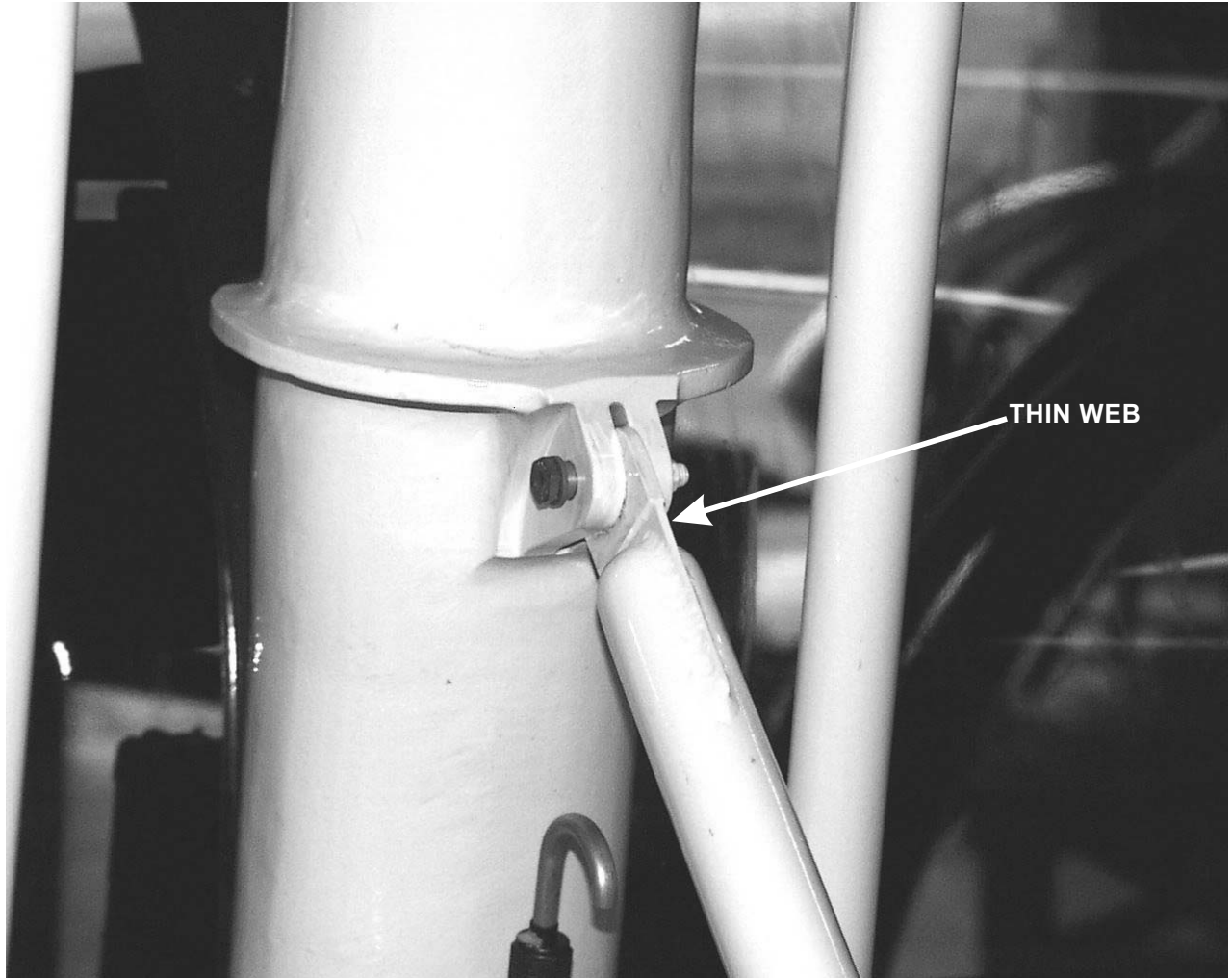


Figure C1B-014, Aft Mast Support Tube Forward Fitting