



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-53
DATE June 24, 1968
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SUBJECT: INSPECTION - TAIL BOOM CENTER ATTACHMENT
FITTING (P/N 269A2324)

MODELS AFFECTED: All 269 Series Helicopters

TIME OF COMPLIANCE: STEP I - VISUAL INSPECTION. Shall be accomplished
prior to next flight, and at each subsequent
preflight inspection.

STEP II - DYE PENETRANT INSPECTION. Shall be
accomplished within next 25 hours of aircraft
operation, and/or to confirm existence of
cracks revealed by STEP I-VISUAL INSPECTION.

PREFACE:

The information given in this Service Information Notice lists a procedure for inspection of the tail boom center attachment fitting, with special emphasis given to the lugs provided for attachment of the P/N 269A2015 boom strut assemblies.

This data supplements current procedures and criteria given in the HMI for inspection of the tail boom assembly. (Refer to Section I, Table 1-3. Preflight Inspection; and Section IX, Inspection-Tail Boom)

Reference

269A/A-1/TH-55A Handbook of Maintenance Instruction, Reissued 15 Dec. 1967
269B Handbook of Maintenance Instruction, Reissued 1 April 1968

TOOLS & EQUIPMENT

Kit - Dye Check

Commercial

CUSTOMER SERVICE DEPARTMENT • HUGHES TOOL COMPANY • AIRCRAFT DIVISION • CULVER CITY, CALIFORNIA

PROCEDURE

STEP I - VISUAL INSPECTION

a. Visually inspect center attachment fitting for evidence of cracks, damage or deformation; pay particular attention to attachment lugs securing fitting to "A" frame tubes. (See Figure 1)

CAUTION

Existence of cracks shall be confirmed by performing STEP II - DYE PENETRANT INSPECTION, or equivalent method. If cracking, deformation or other damage is noted, remove and replace center attachment fitting, per Section IX of the HMI.

STEP II - DYE PENETRANT INSPECTION

a. Dye penetrant inspect center attachment fitting for evidence of cracks; pay particular attention to attachment lugs securing fitting to "A" frame tubes. (Refer to Figure 1)

CAUTION

If cracking is noted, remove and replace center attachment fitting, per Section IX of the HMI.

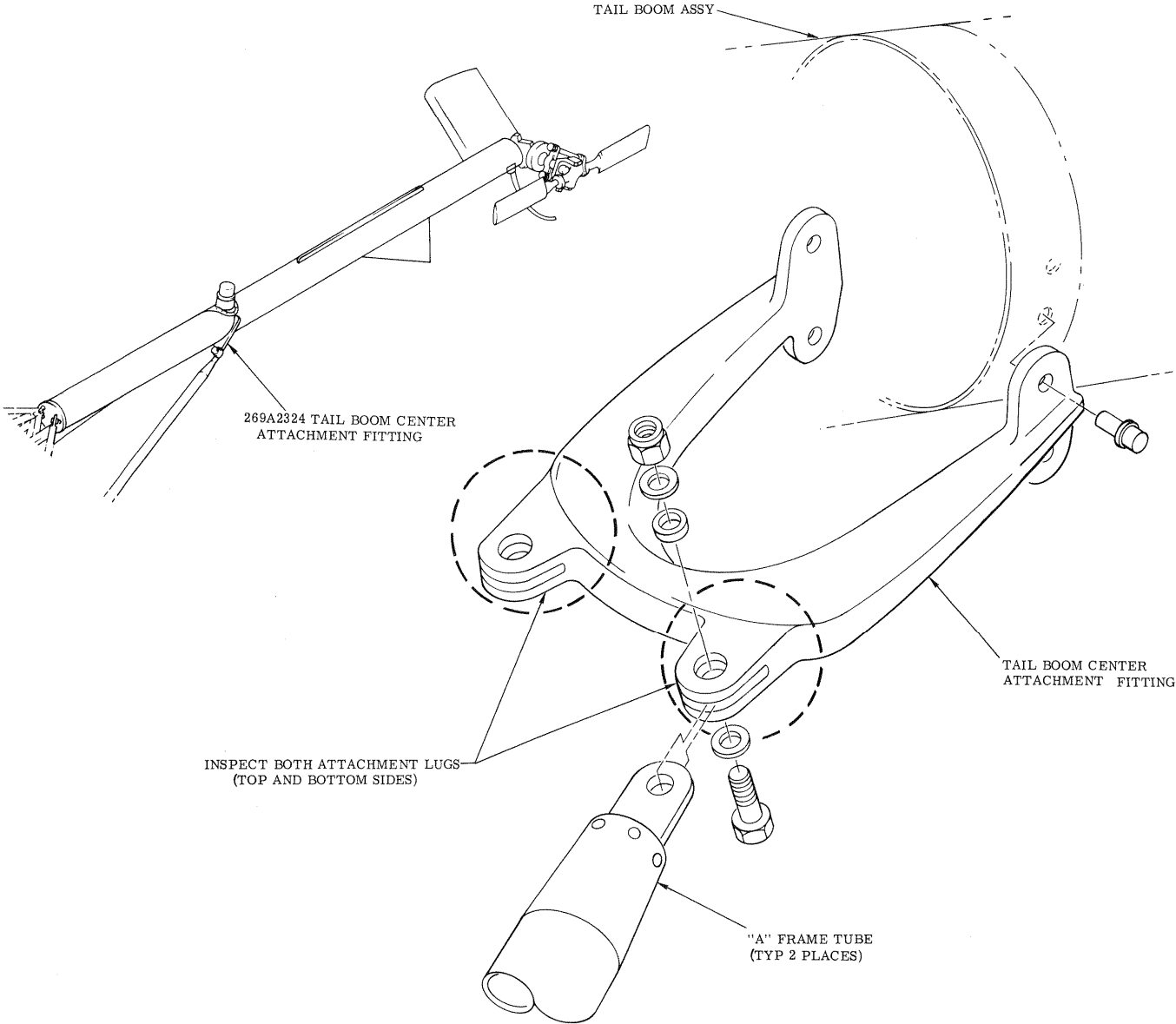


FIGURE 1. INSPECTION - TAIL BOOM CENTER ATTACHMENT FITTING

