

DATE 7 August 1972

PAGE 1 OF 2

*Supersedes Service Information
Notice No. N-10.1 dated
14 Dec 1967



SCHWEIZER SERVICE NOTICE

MANDATORY

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FAA APPROVED

SUBJECT: 25-HOUR INSPECTION - MAIN ROTOR BLADE

MODELS AFFECTED: 269A Helicopter Serial Nos 0011 thru 0314
269A (TH-55A) Helicopter Serial Nos 0315 and subsequent
269A-1 Helicopter Serial Nos 0001 thru 0041
269B Helicopter Serial Nos 0001 and subsequent

TIME OF COMPLIANCE: Shall be accomplished upon completion of 25 hours of flight time and each accumulation of 25 hours of flight time thereafter.

PREFACE: The information given in this Service Information Notice Lists inspection criteria for cracks in the main rotor blades installed on the above affected helicopters. Since many aircraft are now operating with high-time rotor blades, specific attention must be given to the areas most susceptible to cracks as established by HTC-AD Engineering fatigue tests. This area is adjacent to the blade root fitting at the outboard bolt.

Reference

269 Series - Basic HMI, Issued 1 Feb 72; Revision No. 1, 10 May 72
269 Series - HMI Appendix B, Issued 1 Feb 72; Revision No. 1, 10 May 72

TOOLS & EQUIPMENT

Glass - Magnifying 8 to 12 power
Lamp - Flood

(■) Denotes portion of text added or reused

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- a. Using clean cloth and kerosene, remove dirt from blade area to be inspected.

NOTE

When inspecting the areas of the three blades defined in the following steps, use the mangifying glass. The inspection should be performed in direct sunlight or by using the floodlight. When using the floodlight, varying its position may be helpful. Any evidence of cracking is a cause for immediate removal of the blade from service. Cracked blade should be marked to prevent inadvertent return to service.

- b. With blade on droop stop, inspect upper and lower skin for cracks adjacent to and forward and aft of blade root fitting at outboard bolt holes (See Figure 1).
- c. Support blade at tip to remove load from droop stop; inspect same areas of blade as in step b.
- d. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

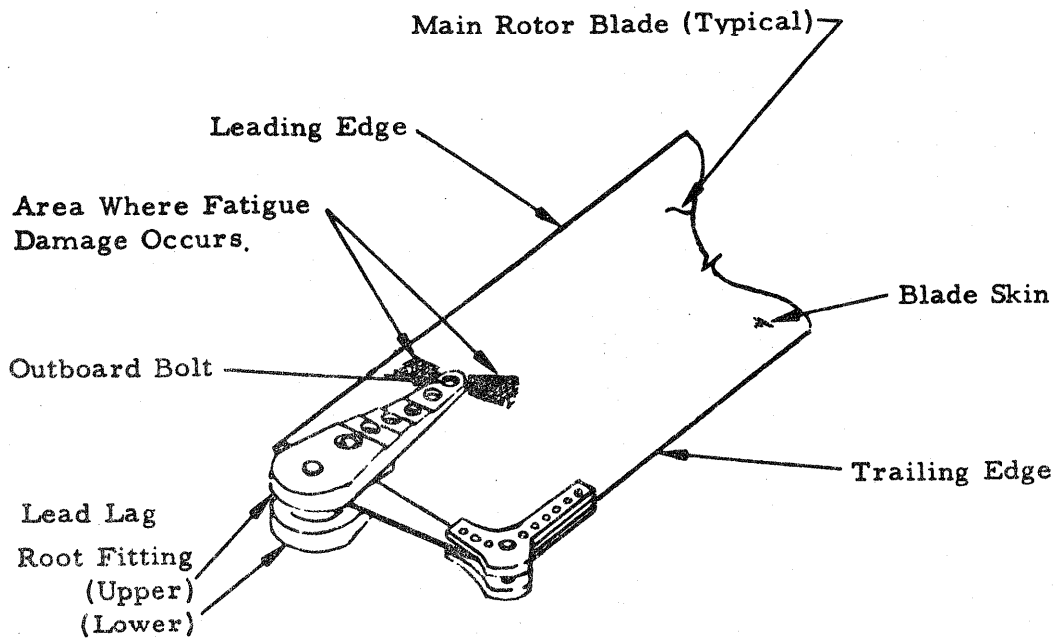


Figure 1. Main Rotor Blade Root Fitting Attachment