

ROBINSON HELICOPTER COMPANY

24747 Crenshaw Blvd. Torrance, California 90505

(213) 539-0508 ■ Telex 18-2554 ■ TWX 910-347-6240

SERVICE BULLETIN #23

Date: August 27, 1982

To: All owners and operators of Robinson R22 helicopters

Subject: Inspection of A020-2 Upper Steel Tube Frame

Rotorcraft Affected: All R22 helicopters S/N 0002 thru S/N 0311 having A020-2 Steel Tube Frames S/N 0002 thru S/N 0361 installed.

Time of Compliance: Immediate and every 50 hours thereafter.

Background: Fatigue cracks have been found at the locations shown in Figure 1. The cracks were detected by the pilot during his daily preflight inspection.

Inspection Procedure:

- 1) Using a dental mirror and a high intensity pen light, visually check the areas indicated in Figure 1. The check at the 50 hour interval between 100 hour inspections may be performed by a licensed pilot after he has received instructions from a licensed mechanic.
- 2) Make a logbook entry after every 50 hour visual check or inspection. The mechanic or pilot must verify that the inspection was performed by entering his name and Airman's certificate number.
- 3) Pilots should also include a visual check of this area in their daily preflight check. The inspection light and dental mirror is not required for the daily preflight check.
- 4) If a crack is found, remove the Steel Tube Frame from service and contact:

Robinson Helicopter Company, Inc.
Customer Service Department
24747 Crenshaw Boulevard
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A020-2 Frame

