SERVICE BULLETIN #55

DATE: 7 January 1987

TO: All R22 Owners and Operators

SUBJECT: R22 Harness Assy Buckle/Connector

ROTORCRAFT AFFECTED: R22 Alpha and Beta Helicopters Serial

Numbers 436 thru 603 and any other R22 helicopter that had new Shoulder Harness Assys installed from 20 Aug 84 to 1 Jan 87.

TIME OF COMPLIANCE: Perform Inspection Prior to Next Flight.

BACKGROUND: AM-Safe, Inc. issued Service Bulletin No. A5001

which states that: "There is the possibility that under some conditions the connector may become dislodged from the buckle if a side load is placed on the assembly." If the buckle

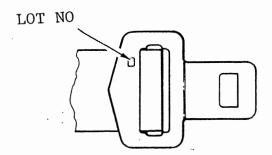
released prematurely in an accident, it could

lead to serious injury of the occupant.

COMPLIANCE PROCEDURE:

PART A - Inspection of Connector (This inspection may be performed by a pilot)

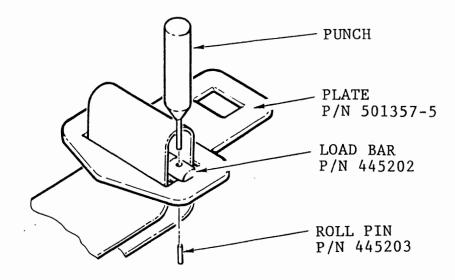
Check the connector for the lot number identification stamped at the location shown in the sketch. If the part is identified with an 04, replacement will be required per Part B. If the part is identified with any other lot number, enter in the log book.



PART B - Connector Replacement (This must be accomplished by a certified mechanic)

TO REMOVE AND REPLACE CONNECTOR - Loop webbing up and away from load bar. Drive out roll pin with straight-sided punch. Load bar can now be moved axially and the opposite end moved up and pulled out. The new connector and load bar may now be installed and secured with a new roll pin.

NOTE: Be sure roll pin is flush with surface of load bar.



After replacing the connector, make the proper log book entries.

Material Cost: Order KI-53 from RHC Customer Service at no cost. Give serial number of helicopter when ordering.

KIT CONTENTS

Quantity	Part Number	Description
1 ea.	501357-5	Plate
1 ea.	445202	Load Bar
1 ea.	445203	Roll Pin

APPROXIMATE COST:

Materials: -0-

Labor: 1/4 hour