

SERVICE BULLETIN #56

DATE: 20 January 1987

TO: All R22 Owners and Operators

SUBJECT: Stop for Cabin Door Air Vent

ROTORCRAFT AFFECTED: R22 Series Helicopters, Serial No's 002-622

TIME OF COMPLIANCE: Within next 100 hours or by March 1, 1987

BACKGROUND: A student pilot cleared his controls during a pre-flight check without closing the cabin door. The door air vent was wide open. Prior to lift-off he closed the cabin door without rechecking the control clearance. During lift-off, while attempting to apply right cyclic the student allowed his right leg to become jammed between the fully opened air vent and the cyclic grip. The result was a roll over accident.

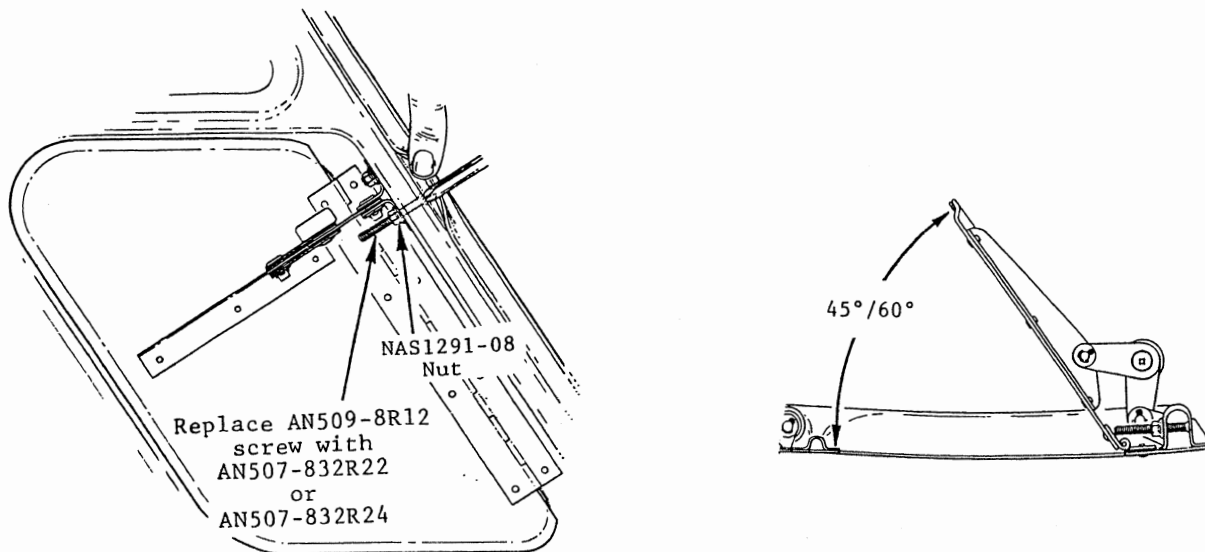
COMPLIANCE PROCEDURE:

1. Obtain KI-54 Kit from RHC Customer Service Department (n/c).
2. Peel back weatherstripping from the edge of the cabin door in the area of the vent linkage and remove the lower AN509-8R12 screw (see Figure 1).
3. Insert one of the longer AN507-832R24 screws provided and hold in place with finger pressure. Check the vent opening angle, it should be between 45° and 60°. If the angle is too small, try the shorter AN507-832R22 screw (see Figure 1).
4. After selecting the correct length screw, reinstall the NAS1291-08 nut and secure weatherstripping with a locally procured contact cement suitable for rubber.
5. Repeat steps 1 thru 3 for second door and enter Service Bulletin #56 in log book.

(Please see Figure 1 next page)

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FIGURE 1



KI-54 Kit contains the following:

<u>QUANTITY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
2 each	AN507-832R24	Screw
2 each	AN507-832R22	Screw

Approximate Cost:

Materials - No charge
 Labor - 1/4 hour or 15 minutes