

# ROBINSON HELICOPTER COMPANY

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## SERVICE BULLETIN #64

DATE: 8 June 1990

TO: All R22 Owners and Service Centers

SUBJECT: Tail Rotor Pedal Retaining Clips

ROTORCRAFT AFFECTED: R22 Helicopter S/N 0002 thru 1431  
equipped with removable pedals

TIME OF COMPLIANCE: Prior to next flight.

### BACKGROUND:

There has been a report of a co-pilot pedal vibrating and rotating up and out of its attachment and partially jamming against the opposite pedal, causing reduced tail rotor control. To prevent this, a more positive retaining clip is available from RHC which may be installed if the present pin(s) are not preventing the pedals from rotating.

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### COMPLIANCE PROCEDURE:

- Part I. Check removable pedals for left seat to determine if the retaining clips prevent the pedals from rotating during flight due to vibration. If the retaining clip(s) are unsatisfactory, complete Part II.
- Part II. If retaining clip(s) are unsatisfactory, perform the following:
1. Remove pedals when not in use until new clip(s) are installed.
  2. Order SB-64 Kit from the factory.
  3. Very carefully pull back carpet to allow removal of the cover plate over the pedal opening. If the carpet is glued too firmly to remove without damage, soak the carpet with a solvent such as DuPont Prep-Sol 3919S or paint thinner until the glue softens (about 30 minutes). Use a putty knife to separate carpet from floor.
  4. Remove cover plate over pedal opening.
  5. Remove the cotter pins and clevis pins and discard the retaining clips. Note: The outboard clevis pin should just clear the floor beam with the pedal pulled fully aft. Deflect the beam slightly if required.

(over)

6. Install the new retaining clips using the same clevis pins and washers and new MS24665-132 cotter pins.
7. Reinstall the cover plate and glue the carpet down using adhesive provided.
8. Install the pedals and check for positive engagement of the retaining clips.

	<u>SB-64 Kit Contents</u>	<u>Qty</u>
A795-1	Retaining clip assembly	2
MS24665-132	Cotter Pin	2
7468A23	Adhesive (3 oz. bottle)	1

APPROXIMATE COST: LABOR: 1.0 Hours  
PARTS KIT (if ordered by 15 July 1990): \$20.00