

R E V I S E D

R22

SB70A Supercedes SB70
To change ships in
service less than 50
hours to ships less
than 5 hours.

SERVICE BULLETIN 70A

DATE: 03 June 1992 REVISED 25 JUNE 92

TO: All R22 Owners and Service Centers

SUBJECT: Improved Replacement Vee Belts

ROTORCRAFT AFFECTED: The following S/N Rotorcraft if their Vee Belts have been in service less than 5 hours: R22 Helicopters S/N 0002 thru 1976 and S/N 1996 thru 2145; Except S/N's 1963, 2128, 2130 and 2142.

TIME OF COMPLIANCE: Immediate or within the next 5 flight hours.

BACKGROUND: An improved Vee belt for the R22 drive system is now available. There have been incidents of the previous design belts rolling over or coming off, usually within the first few hours of operation. An improved belt has been developed which is less susceptible to roll-over.

COMPLIANCE PROCEDURE:

1. Remove from stock and return to RHC for credit any A190-2 Rev Q or earlier belts. Order A190-2 Rev R or later replacement belts from RHC.
2. Replace any Vee Belts installed on the affected S/N R22 Helicopters which have been in service less than five (5) hours, unless the belts are A190-2 Rev P, Rev R or later. Helicopters overhauled at the RHC factory after 15 May 1992 have Rev R or later belts installed.

C A U T I O N

Advise all R22 pilots that the smell of burning rubber or a clutch light flickering or staying on for a longer than normal time may indicate an impending belt failure. Immediately pull the CLUTCH circuit breaker and land in the nearest open area where a safe normal landing can be made. Be prepared to enter full autorotation should a failure occur on the way down. Inspect the Vee Belts and actuator bearings for a possible impending failure.