

SERVICE BULLETIN #45

DATE: 10 May 1985

TO: All R22 Owners and Operators

SUBJECT: Clutch Actuator Overtravel Limit Switch

ROTORCRAFT AFFECTED: Aircraft S/N 0002 through S/N 0463

TIME OF COMPLIANCE: Within the next 25 flight hours or by 15 June 1985, whichever occurs first.

BACKGROUND: Following a vee belt or sheave bearing failure, the clutch actuator can continue to run until it completely unscrews allowing the drive line at that location to collapse, causing serious structural damage. This modification installs a limit switch which will shut off the actuator before collapse can occur, while the clutch light remains lit to warn the pilot of the malfunction.

COMPLIANCE PROCEDURE:

Obtain a KI-39 Clutch Actuator Overtravel Limit Switch installation kit from the factory and install per the instructions contained in the kit.

Price with special 50% discount: \$84.00

Approximate Installation Labor: 2 manhours