

M A N D A T O R Y  
SERVICE BULLETIN #35

DATE: October 7, 1983

TO: R22 Owners and Operators

SUBJECT: V-Belt Guide Installation

ROTORCRAFT AFFECTED: Aircraft S/N 0002 thru 0379 with Upper Frame A020-2  
S/N 0002 thru 0500 installed.

TIME OF COMPLIANCE: When next set of new A190-1 V-Belts are installed.

BACKGROUND: Several instances of newly installed V-Belts climbing out of the sheave grooves have been reported. This results in the belts breaking or coming off. To prevent this, a guard has been developed which prevents the belt from coming out of the groove on the right (slack) side of the upper (driven) sheave where it is most vulnerable. This guard is standard with A020-2 Frame S/N 0501 and after and must be installed on earlier frames whenever the V-Belts are replaced.

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COMPLIANCE PROCEDURE:

1. Figure below illustrates RHC Kit #KI-26 Installation.
2. Install the clamps and guide in RHC Kit #KI-26 as shown.
3. Position A992-2 Guide, actuator engaged, for .18 inch clearance to V-Belts. Minimum clearance between A121-15 Push-Pull Tube and guide clamp hardware of .18 inch, throughout tailrotor pedal travel.
4. Torque at nut or bolthead 100 in-lb plus nut drag. Torque stripe across nut to clamp.

