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SERVICE BULLETIN SR22-11-1-001
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SR22 SUPERCHARGER DRIVE NUT TORQUE

Background:

The supercharger drive has a single nut at the end of the pulley which has a specified torque during assembly. Over time the torque can lessen on the rotating assembly as it accumulates hundreds of millions of cycles. This bulletin describes how to re-torque the assembly.

Compliance: Manditory, in the first 2 hours, in 10 hours, then every 50 hours from the first inspection. Failure to comply with this maintenance bulletin may void warranty. Contact FAT for assistance.

Materials: None

Estimated inspection time: .5 hours

Procedure:

1. Remove the upper cowl.
2. Place a 5/8” wrench on the nut in the center of the large pulley of the supercharger drive. It is not necessary to remove the belt.
3. With the wrench extended vertically from the nut, when standing on the left side of the plane, pull the wrench toward you to tighten the nut. The nut is left hand thread.
4. Torque to 35-42 ft lbs. Warning: do not over torque, the drive has an internal torque limit.
5. Replace the upper cowling.
6. Make an entry in the aircraft's permanent maintenance records.

End