

SHIMMY DAMPENER - INSPECTION/CHECK**1. General**

- A. This section has the inspections and checks necessary to keep the shimmy damper in a serviceable condition.

TASK 32-20-02-720**2. Shimmy Damper Functional Check****A. General**

- (1) This task gives the procedures to do a functional check of the shimmy damper.

B. Special Tools

- (1) None

C. Access

- (1) Remove the nose gear fairings to get access to the shimmy damper. Refer to Nose Gear Fairing - Maintenance Practices.
- (2) Remove the left upper cowling door and the left lower cowl panel to get access to the shimmy damper. Refer to Chapter 71, Engine Cowling and Nose Cap - Maintenance Practices.

D. Do a functional check of the shimmy damper.

CAUTION: Do not go more than the 50 degree turn radius limit when you turn the nose gear.

- (1) With the nose gear turned to the limits (left and right), examine the damper for vertical preload at the piston rod attachment.
- (2) Make sure that the shimmy damper has a maximum vertical movement of 0.035 inch (0.889 mm).
- (3) If there is any interference or preload found after the initial movement of the nose gear, incorporate the trunnion modification procedures as necessary from service bulletin CAB96-3.

E. Restore Access

- (1) Install the left upper cowling door and the left lower cowl panel. Refer to Chapter 71, Engine Cowling and Nose Cap - Maintenance Practices.
- (2) Install the nose gear fairings. Refer to Nose Gear Fairing - Maintenance Practices.

END OF TASK