

>>> Service Letter

Technical Aspects are FAA Approved

Number: L01-16A

Replaces ServL101-016

Date: 07/12/2004

Subject: Overhaul and repair procedures for Superior Propeller Governor Gearshaft.

Application:

GEARSHAFT	ENGINE APPLICATIONS
SL68317	See Superior Service Letter No. L01-15, latest revision

Compliance: At any time the above gear is removed for overhaul and repair.

Gear Assembly:

The Superior P/N SL68317 gearshaft is machined from aircraft quality SAE 8600 series alloy steel, carburized and precision ground to finished dimensions.

Inspection:

The gearshaft should be visually inspected for abnormal wear or damage, paying close attention to the gear teeth and internal spline. The gear assembly is to be magnetic particle inspected per ASTM E1444 and accepted per MIL-STD-1907, grade B (or other FAA approved repair station procedures). The allowable shaft size, clearances and gear backlash are shown in Figure 1.

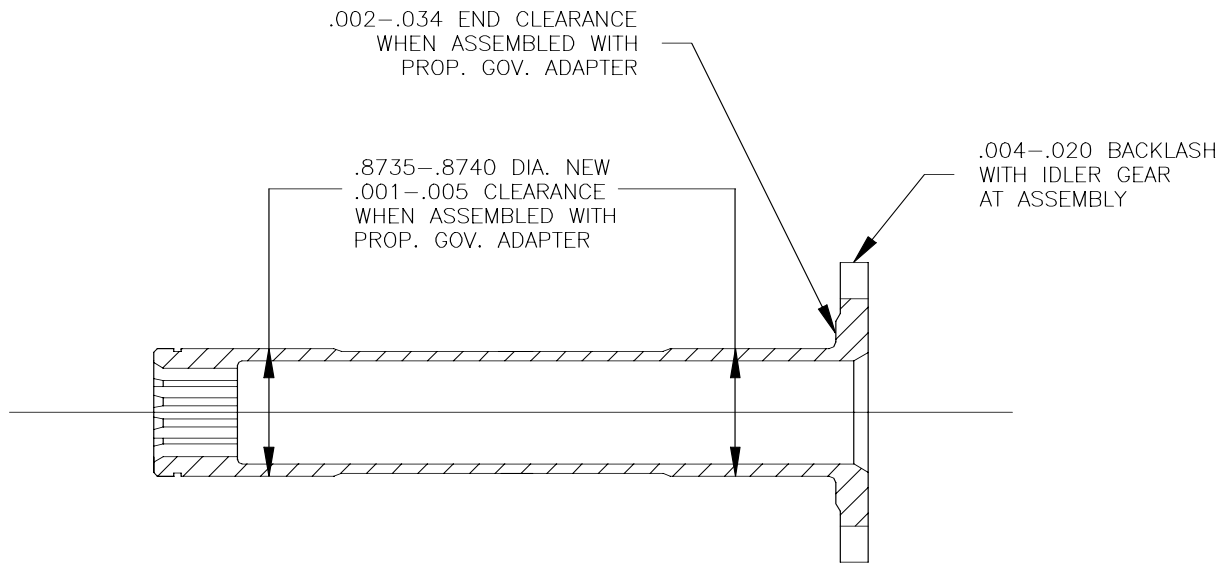


FIGURE 1
PROPELLER GOVERNOR
GEARSHAFT