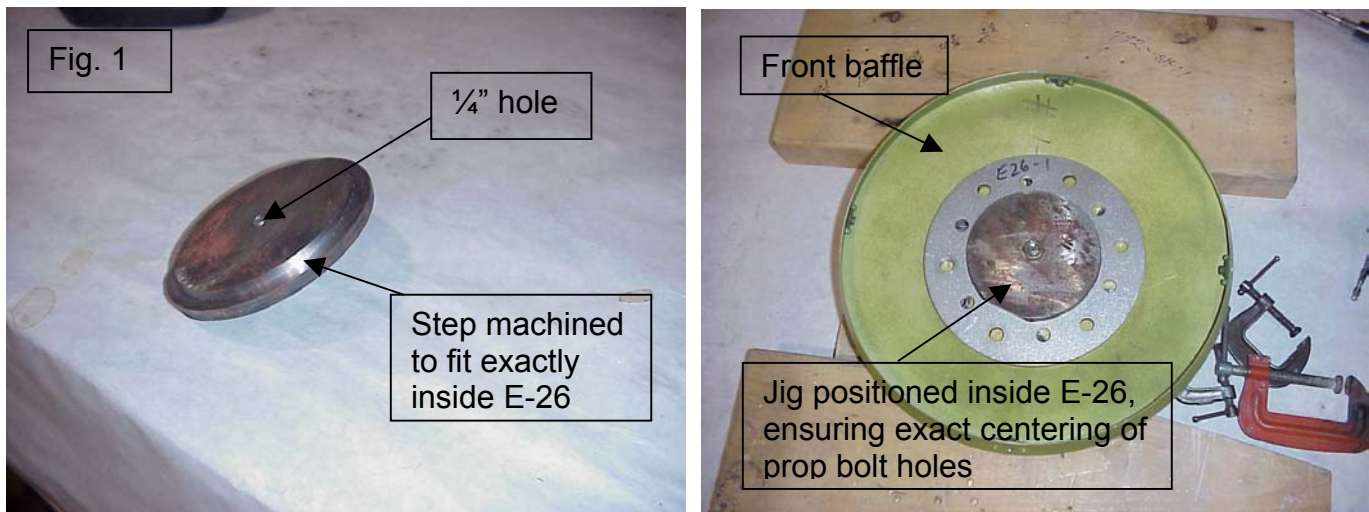


**13" SPINNER INSTRUCTIONS**

These instructions refer to the 0-320 and 0-360 installations using a Sensenich metal prop.

1/You must first drill the holes for the prop bolts in both the backing plate and the front baffle. A simple way of doing this is to have a centering jig made up. The exact center of both the backing plate and the front baffle can be drilled by using the dimple left from the spinning process. Drill this out to  $\frac{1}{4}$ ".

Take your E-26 thrust plate, and lay the centering jig into it, bolt it to the part to be drilled, and drill out the appropriate holes for the prop bolts. Fig. 1.



2/ Assemble the prop spacer, backing plate and propeller, following the instructions supplied with the propeller.

3/ Set the propeller assembly on a flat surface, spacer and backing plate down. Slide a short 2" X 6" under each edge of the backing plate.

4/ Lay out the spinner cut outs, making sure to maintain an equal distance between cutouts. Increase the size of the cut outs slowly until the spinner will fit over the propeller and backing plate, flush to the 2" X 6".

Use some masking tape on the prop blades to prevent scratches. The spinner should clear the prop by at least  $\frac{1}{8}$ ". Remove the spinner.

5/ Place the front baffle plate on top of the propeller, and slide the spinner into place. Check it slides all the way flush with the backing plate. Remove the spinner, and place the E-26 between the front baffle and the propeller. (this position is for fitting purposes only).

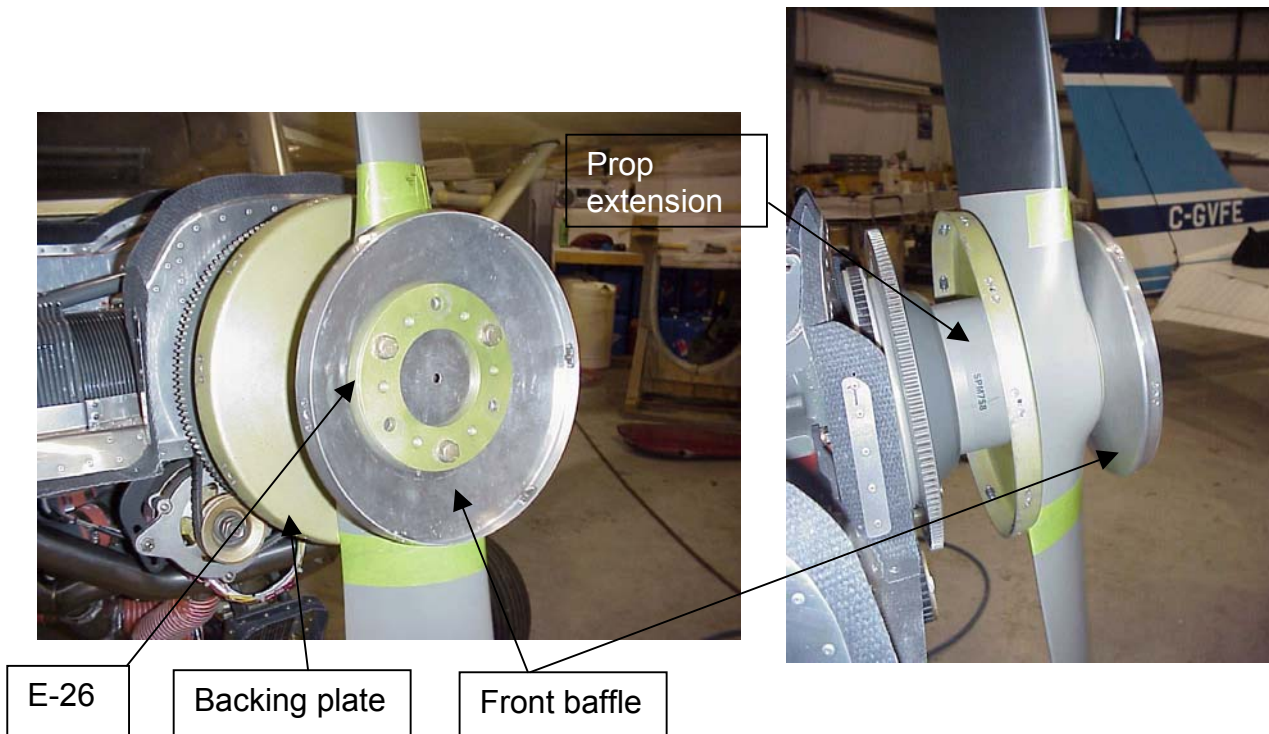
6/ Again slide the spinner in place, and see if it slides all the way flush with the backing plate. If not, less shimming is required, if it does, use 0.032 shims on top of the E-26 until the spinner seats on the front baffle just before becoming flush with the backing plate. The shims can be made from scrap using the centering jig described in step 1. The number of shims will vary depending on whether you have an 0-320 or 0-360, as the props vary in thickness.

7/ Measure the amount of shim material used between the front baffle and the propeller face. Block up underneath the propeller extension until you have a clearance between the backing plate rim and the 2" X 6" an equal amount to the shim material used.

8/ Put the front baffle in place on top of the propeller using one .032 shim between the prop. and the front baffle. Place the E-26 thrust plate on top of the front baffle and slide the bolts in place.

9/ Lengthen the cutouts in the spinner to allow it to slide on further to seat snugly on the front baffle with a clearance of 1/8" around the propeller blades.

10/ Attach the assembly to the motor, and snug the bolts up evenly using a torque wrench.



11/ Push spinner on snugly and hold in place with clamps.

12/ Set up a stand with a pointer aligned with the point of the spinner, rotate the propeller and check if the spinner is running true.

13/ Drill for the eight anchor nuts holding the spinner to the backing plate.

14 Remove spinner and measure the distance from the back of the flange of the backing plate to the center of the flange of the front baffle (assuming the spinner sits flush with the back edge of the backing plate). Draw a line down the center of the flange on the front baffle.

15/ Refit the spinner, and mark this distance onto the spinner in several locations. Join these marks, and this line should coincide with the center of the flange of the front baffle.

Drill carefully at #40, and check you can see your line. Drill for the six anchor nuts holding the spinner to the front baffle.