

NOTES FOR THE 3D PRINTED PARTS

1. Nose Block - The nose block is printed in two parts. This makes it easier to print as a hollow part. It is suggested that supports be used and a fine layer height. Something like .15 mm. After printing, remove the supports and glue the two pieces together. Sand the outside surfaces smooth.

2. Spinner - The spinner is set up so it can be easily removed. That is necessary if using a Gizmo Geezer adjustable thrust button. Removing the spinner allows access to the thrust line adjustment screws via the hole in the backplate. The spinner is retained by two pairs of 1/16" diameter by 1/16" thick magnets. When printed, the spinner includes a support to make it easy to sand the outside face of the spinner. Insert a length of 1/4" dowel in the support and then insert the other end of the dowel in an electric drill. Once the spinner has been sanded smooth, the support is cut away from the spinner.

A fine layer height is suggested for the spinner. No supports are required.

3. The wheel pants are printed as halves. Print with supports using a fine layer height. The wheel pant halves include a boss on the inside for additional support from the landing gear leg axle. After printing, remove the supports and glue the halves together. You may need to drill out the holes for the axles. Once glued together, sand the outside surfaces smooth.

4. A file for printing the wheels is provided. The wheels are printed in halves like the wheel pants. Use supports and a fine layer height. After printing, remove the supports and glue the halves together to form two wheels. Printing the wheels does result in noticeably heavier parts than those made from balsa. Balsa wheels weigh about 1 gram for the pair. 3D printed wheels will weigh about 2.5 grams.

5. Prop - A file for an 8" prop is provided. The prop is printed with the forward face down. A layer height of .2 mm is suggested. It will also need to be printed with supports. A free wheel clutch will need to be added after the prop is printed.