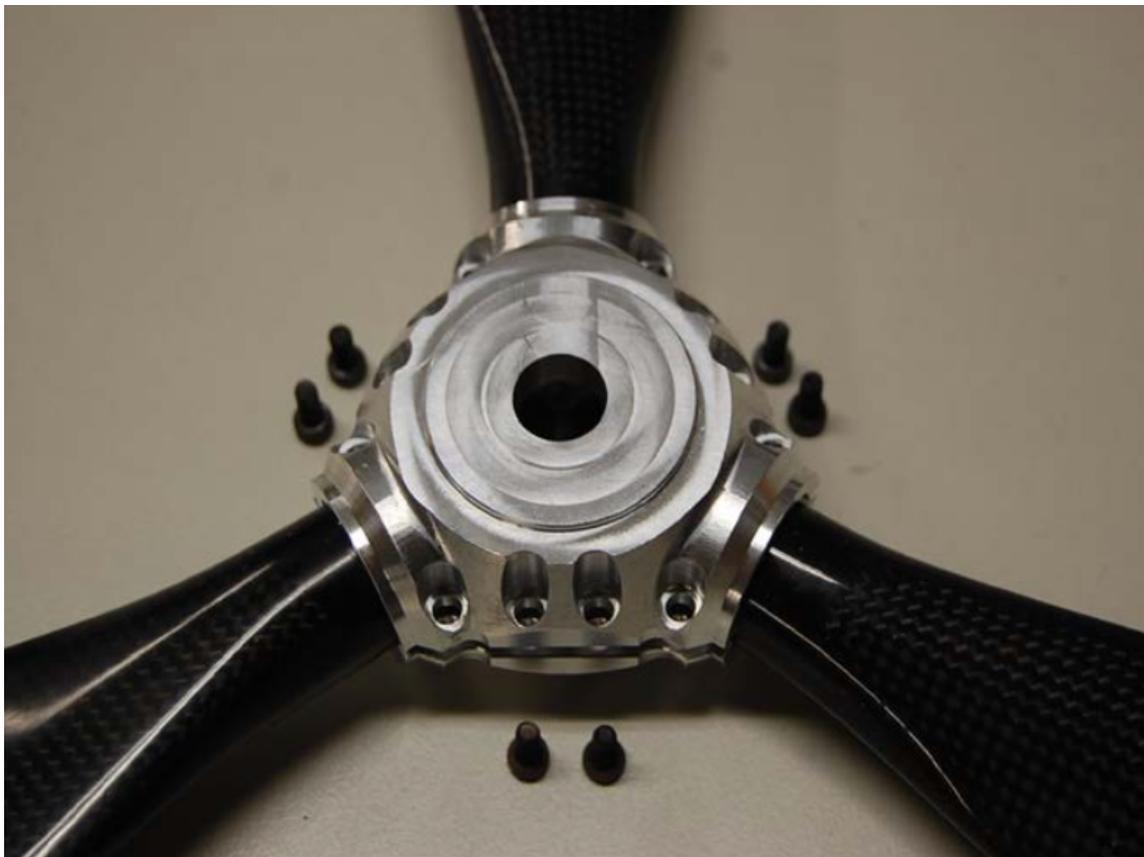




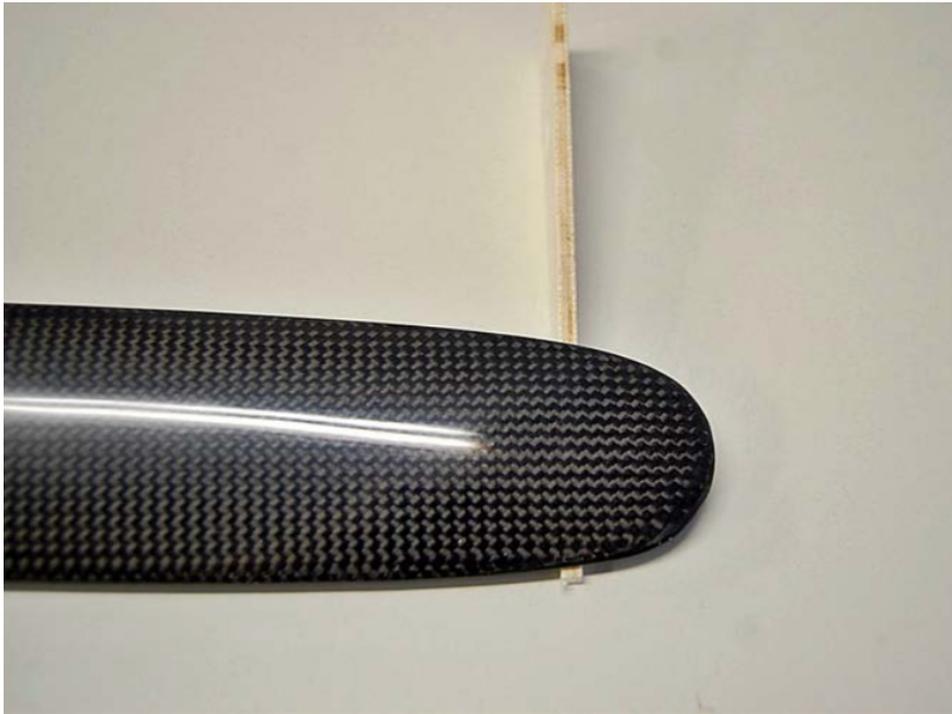
Instruction manual for CARF Propeller hub (2, 3-and 4-blade)

Scope of delivery:

- Aluminum propeller hub with adjustable pitch
 - Adapter for Moki 215 / 250 cc radial engine
 - Aluminum spinner dome
 - Screws
 - 2x 32" full carbon scale blades **or**
 - 3x 32" full carbon scale blades **or**
 - 4x 30" full carbon scale blades
1. Please use a straight surface for the installation. The information in this manual applies to the Moki 250 cc radial engine. For other engines, this data is a starting point, but will need to be adjusted.
 2. Place the propeller blades (3 or 4 blades) in the lower bowl of the hub and screw it with the upper shell with 2 screws each. You must still be able to rotate the blades. (See picture)



3. Cut out the jig (see page 3) and glue it on a piece of ply wood. Slide the jig under the end of the blade. (See picture)



4. Take the following measurements from the hub center to place the jig right. (See picture)

- 2-blade: 37.50 cm to the jig.
- 3-blade: 37.50 cm to the jig.
- 4-blade: 35.50 cm to the jig.



5. Tighten all screws firmly after adjusting the blades. Loctite must be used! Then check the setting once again. After the first test run and/or the first flights you might need to fine tune the settings a little bit more!

Note:

- Only use the propeller hub for model aircrafts!
- The blade-settings must be done before mounting the prop at the plane!
- Please check the weight and the balance of each individual blade first, to ensure that the blade is equal!
- Please check every screw regularly before flight operations!

Propeller Pitch Jig

