

CARBON FIBRE SPARS FOR QUICKIE 1 AND Q- 200

To rebuild my broken canard I had a mandrel made for Q-200 spars and we have since extended it to make Q1 spars. I am making this mandrel available to the group for production of carbon fibre spars on the following basis:

- 1. The spars are constructed by an experienced spar maker already a supplier to the global aircraft market. Ian Duncan has supplied over 2000 spars to Moyes Delta (gliders) and others.**
- 2. The spars are made to the original Q-200 recipe except that 200gm carbon fibre has been substituted in place of the eglass originally used for the single ply wrap inside and outside the 4 plies of 450gm carbon UNI fibre pre preg. The original spars were analysed independently by Ian Duncan and John Tenhave who confirmed the recipe with a microscopic analysis. The unit is then consolidated using a tape wrapping machine and oven cured to the specification required by the resin supplier. In this way we are making the spars stronger than the original recipe and this was necessary, as we had no data to define stress limits for testing. The spars have therefore not been stress tested.**
- 3. We confirm that the spars are made in conformance with items 1 and 2 above. No other warranty is expressed or implied. You use these spars at your own risk.**
- 4. The price is AUD1400 per pair for Q200 and AUD1350 for the Q1 spars. There is an additional charge of AUD40 for packaging and approx AUD250 for air freight delivery to your nearest International airport.**
- 5. Order lead time is approx. 6 weeks maximum and work will commence with receipt of a deposit of AUD 500 , payment by PayPal. Delivery by air ex Sydney will be arranged on receipt of the balance of payment.**

I am very grateful to John Tenhave for his expert help to get this project started.

I would be happy to answer any other questions at peterjfharris@bigpond.com