

#0585-5 GRAPHITE DUAL TAILBOOM BRACES WITH C.N.C. ALUMINUM MOUNTS

Contents:

2	#0585-6	Graphite Tubes
4	#0585-7	Threaded Male Inserts
4	#0585-8	Female Mounts
2	#0065	M3x12 Socket Head Bolts
1	#0073	M3x20 Socket Head Bolt
3	#0019	M3 Locknuts

Step 1.

Insert (4) #0585-7 threaded inserts. Using 80 grit paper (or similar) roughen the four smooth raised areas next to threads. Clean each part with alcohol or thinner and set aside. At this time also clean the I.D. of each female mount #0585-8.

Step 2.

Next the support length must be determined. As a guide, hold a #0585-8 female mount onto each end of a graphite tube and gauge the desired length by holding this against the model. Cut the tube with a Dremel tool and a carbide cut-off disc (**use proper care and eye protection at all times**). Cut the other tube to exactly the same length. Deburr the ends with a piece of sandpaper.

Step 3.

Gluing the ends in place is a simple matter and can be done in a number of ways.

METHOD (A) - Apply J.B. Weld epoxy liberally to the insert (avoiding the threads) and the inside of each tube end. Push each insert in place until only the threads are exposed. Allow to dry overnight. The following day, apply **RED** Loctite, slow CA, or epoxy to the threads and screw each female end in place. Note that each end has a 2-1/4 degree angle milled into it to allow for the width variation from frames to tail clamp as shown in the drawing. Promptly install each brace and align the horizontal fin clamp and boom. M3x12 socket head bolts and locknuts are used at the frames, while an M3x20 and locknut is used at the rear. Obviously, the choice of adhesive will dictate the speed of which you must proceed in this step. Allow the assembly to cure fully before operation.

METHOD (B) -If you're in a rush, this is the quickest method. Screw each insert into a female mount. Apply Slo C.A. to the insert and the I.D. of the

female mount. Spray a little C.A. Kicker onto the graphite tube (on one end only) and insert it fully into the mount assembly. The other end must be assembled, aligned and installed without Kicker so sufficient time is available. (After installation Kicker can be used if desired). Again, be sure to study the drawing so that parts are not improperly aligned and not useable.

CONTACT MINIATURE AIRCRAFT USA if you have any problems.

