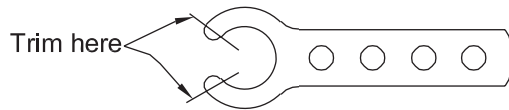


# GREAT PLANES FLATOUTS R/C UNIVERSE BIPE ARF ADDENDUM

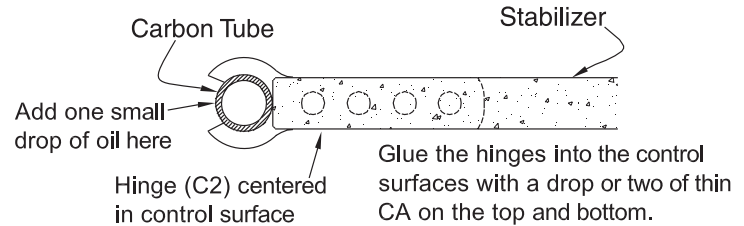
❑ 1. The **Kit Contents** and **Replacement Parts List** sections refer to a 380 brushed motor and gearbox. These items are not included with the FlatOuts R/C Universe Bipe ARF. It is recommended to fly this model only with a brushless outrunner motor.

❑ 2. To ease the installation of the clip hinges (C2) into the control surfaces and prevent smearing of excess glue, follow the procedure below. This procedure replaces the “**Expert Tip**” on page 7 as well as page 10 step #9, and page 11 step #2.

Follow the instructions in the manual for gluing the carbon tubes to the plane **before** installing the clip hinges (C2).



**A.** To avoid broken clip hinges during assembly, trim them as shown before installation onto the 3 mm carbon tubes.



**B.** Snap all the clip hinges to the carbon tube already glued to the elevators, wings and vertical stabilizer.

**C.** Push the hinges into the slots in the control surface or stabilizer.

**D.** Make sure the hinges are centered.

**E.** Add a drop of oil to each hinge.

**F.** Glue the hinges into the control surface or stabilizer with a drop or two of foam-safe thin CA (Hot Stuff UFO Thin 1 oz Foam-Safe, HOTR1040) where shown.

❑ 3. On page 8 step #8, page 10 step #11, page 14 step #2, and page 16 step #8, enlarge the holes in the Z-bend clevises (A1) with a #59 (.041") drill bit prior to installing them into the control horns. Enlarge the holes in the control horns (C1) and aileron link horns (C4) with a #38 (.101") drill bit to ease the installation of the Z-bend clevises.