

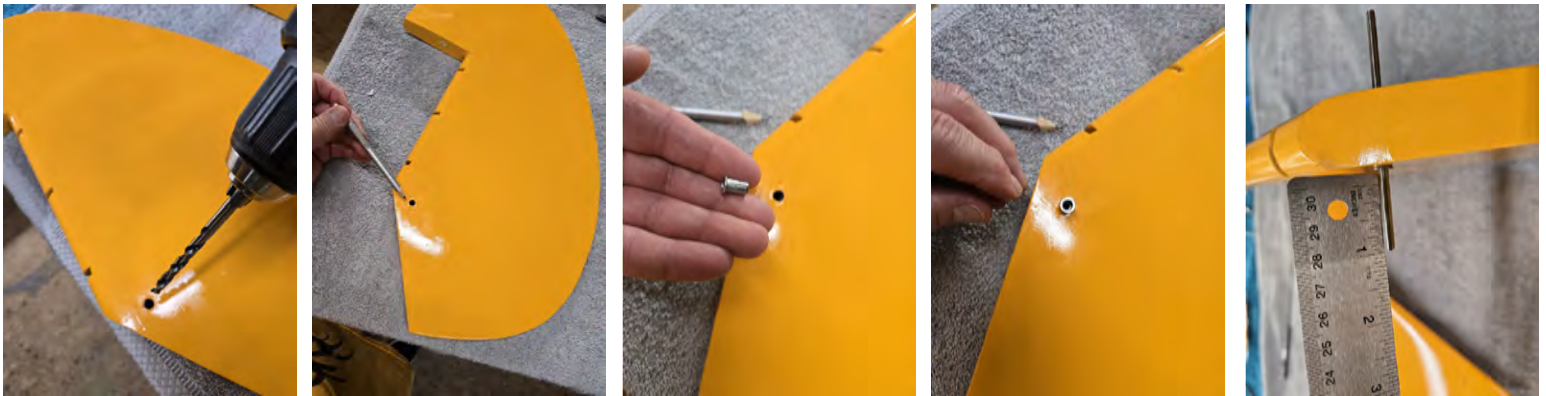


CY MODELS
PT-17 STEARMAN
120CC & UP

Rudder



Use a Hobby knife or pointed tool to locate all the bolt holes and hinge slots



Drill for tiller arm insert threaded ferrels to accept threaded arm. Finish as shown used thread locker. Use thin ca to secure ferrells



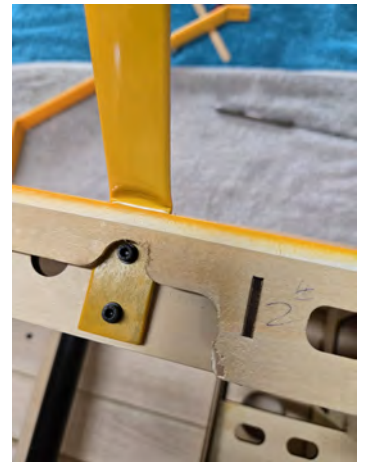
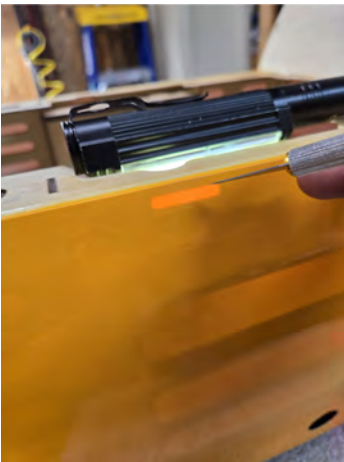
Hinged surfaces

Apply 2 part 30 min. epoxy into each control surface to accept pin point hinges

Cabanes



**Cabane struts- 3mm x 20mm washers & treadlocker
8 bolts& washers do not tighten bolts until all are fitted**



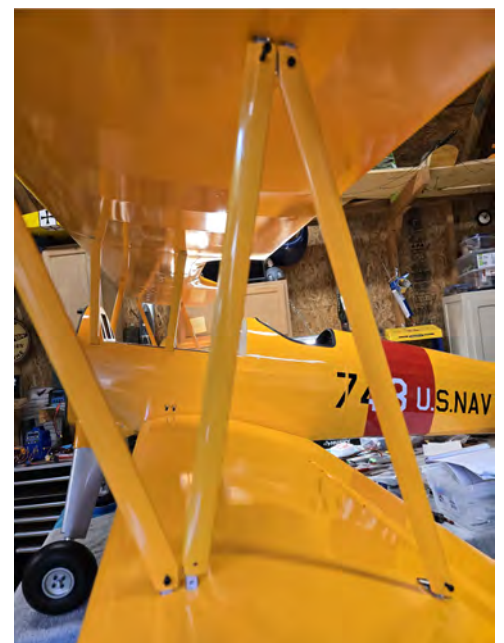
Use a Hobby knife or pointed tool to locate all the bolt holes and hinge slots



**Cabane struts TOP -
4mm x 20mm washers & treadlocker**



**N strut attached to main wing
3mm x 20mm Using L - brackets.**



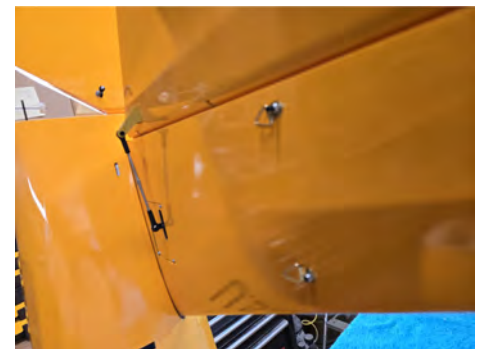
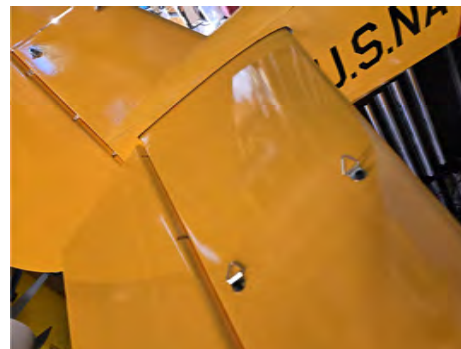
WING, STAB, AND FUSELAGE



Connect fuselage halves using (3) 4mm x 20mm bolts and washers



**Use a Hobby knife or pointed tool to locate all the bolt holes and L Bracket slots
Flying wire & N Strut connections 3mm x 20mm bolts and L Brackets
with brass clips**



**Stabilizer and elevator support wires top and bottom using
3mm x 30mm bolts & locknuts and brass clips**

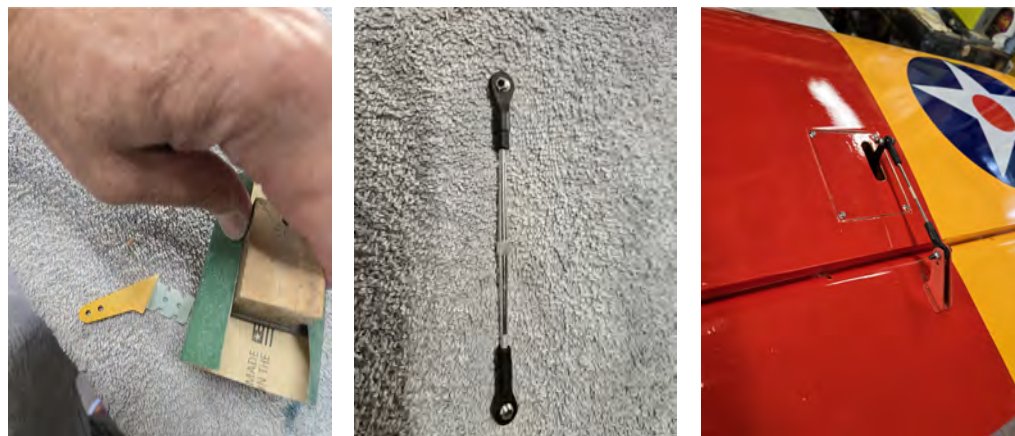
WING Assembly Part 2



Top wing fiber glass attachment tabs using 2 part epoxy



Wing servos high torque 400 oz min. 24 inch extension.



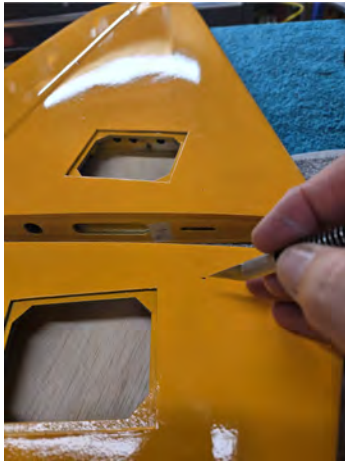
**Ailerons /80mm push rods with 2 ball links (3 mm)
(adjust all push rods to proper length, connect using
3mm x 20mm bolts and lock nuts)**

WING ATTACHMENT TO FUSELAGE

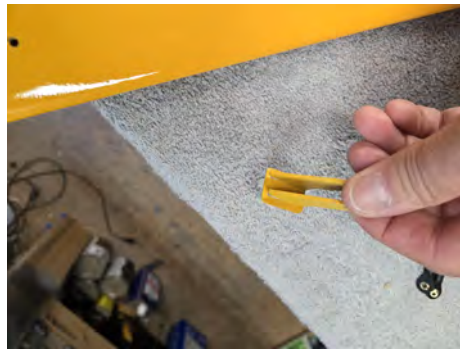
Bottom wing / wing nuts

Top wing / 4mm x 20mm

HORIZONTAL STABILIZER



Horizontal Stabilizer servos high torque 400 oz min.



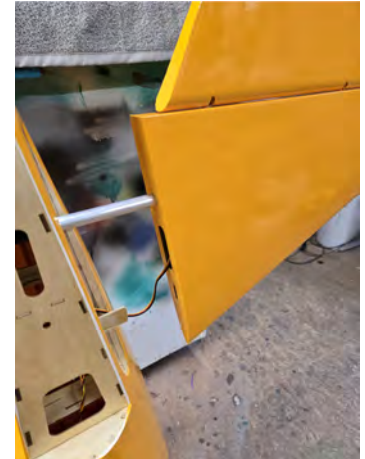
Sand control horns, trim to fit . Use 2 part epoxy & glue into slots



Elevator / 100 mm push rods with 2 ball links (3mm)

(adjust all push rods to proper length, connect using 3mm x 20mm bolts and lock nuts)

HORIZONTAL STABILIZER Part 2

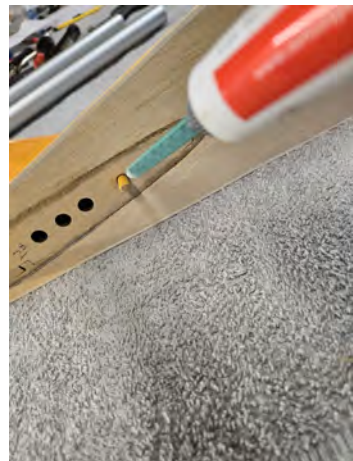


Stabilizer spar is 13mm x 564mm Aluminum.

Use 2 Part Epoxy to secure Fiberglass attachment tab.

Horizontal Stabilizer Fastens to Fuselage with 4mm x 20 mm Bolts.

VERTICAL FIN

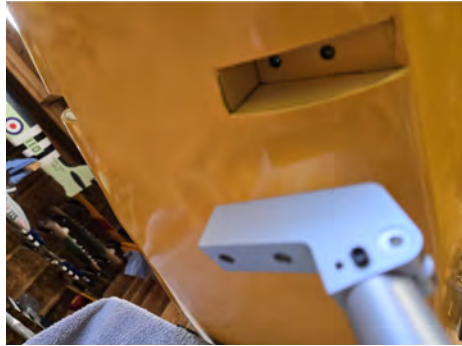


Vertical fin support tube 13mm x 130mm

Use 2 Part Epoxy to secure Aluminum Tube to Vertical Fin.

Use 2 Part Epoxy to secure Vertical Fin to Fuselage.

LANDING GEAR



**Landing gear
5mm x 40 mm bolts and washers**



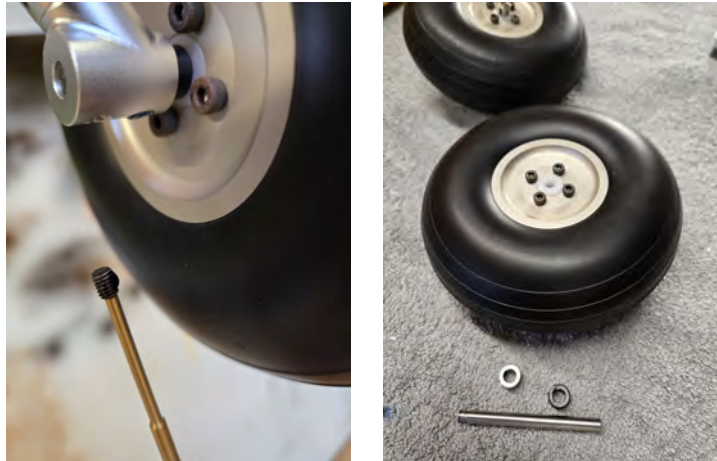
**Drill Out the dimple holes for Fairing Attachment
Space the Strut Connectors to the proper spacing.**



**Use 1 - 3mm x 5 mm & 1 - 3mm x 10mm Bolt
to fasten fairing to each strut.**



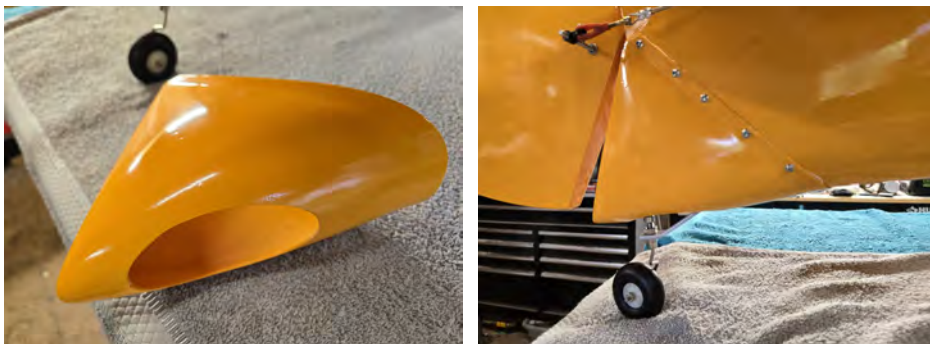
MAIN WHEELS & TAIL WHEEL



Use the supplied 3mm set screws, Axles & wheel collars to fasten wheels to the Struts using thread locker to secure.



**Attach the Tail wheel Assembly to fuselage with
1- 3mm x 20 mm Bolt &
1 - 4mm x 20mm Bolt**



**Attach the Tail wheel Fairing to fuselage with
2mm wood screws**

ENGINE BOX



Engine Box reinforcements 4mm x 20mm phillips bolts



Cowling Bolts 3mm x 12mm bolts, washers, & O-rings



FLYING WIRES

Flying wire connections 3mm x 20mm bolts and brass clips

CENTER OF GRAVITY & CONTROL THROWS



Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

