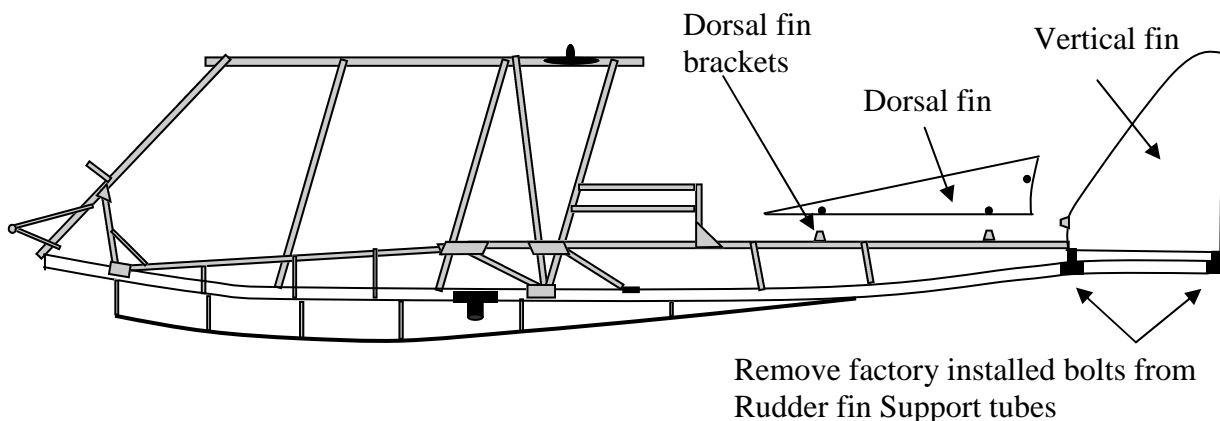


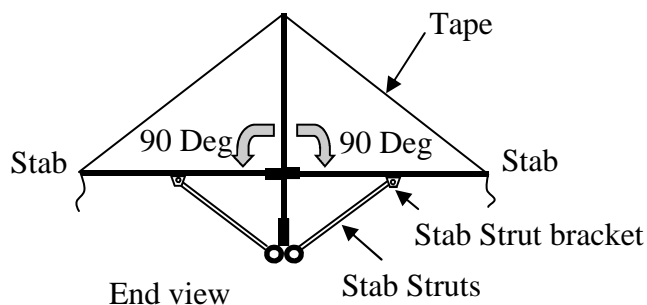
How to attach tail surfaces to fuselage.

Step 3



Remove factory installed bolts from vertical fin support tubes and insert rudder fin leading and trailing edge tubes into the vertical support tubes. Use the pre-drilled holes in the black support assembly as a pilot to drill 1/4" holes through the aluminum frame of the fin.. NOTE: Be sure the fin tubes are inserted completely into the support tubes. Re-install the factory bolt and eyebolt with associated nut. Tighten bolts making sure the 'flat' of the eyebolt is in a horizontal position. (This eyebolt is part of the lower rudder hinge assembly.)

Step 4



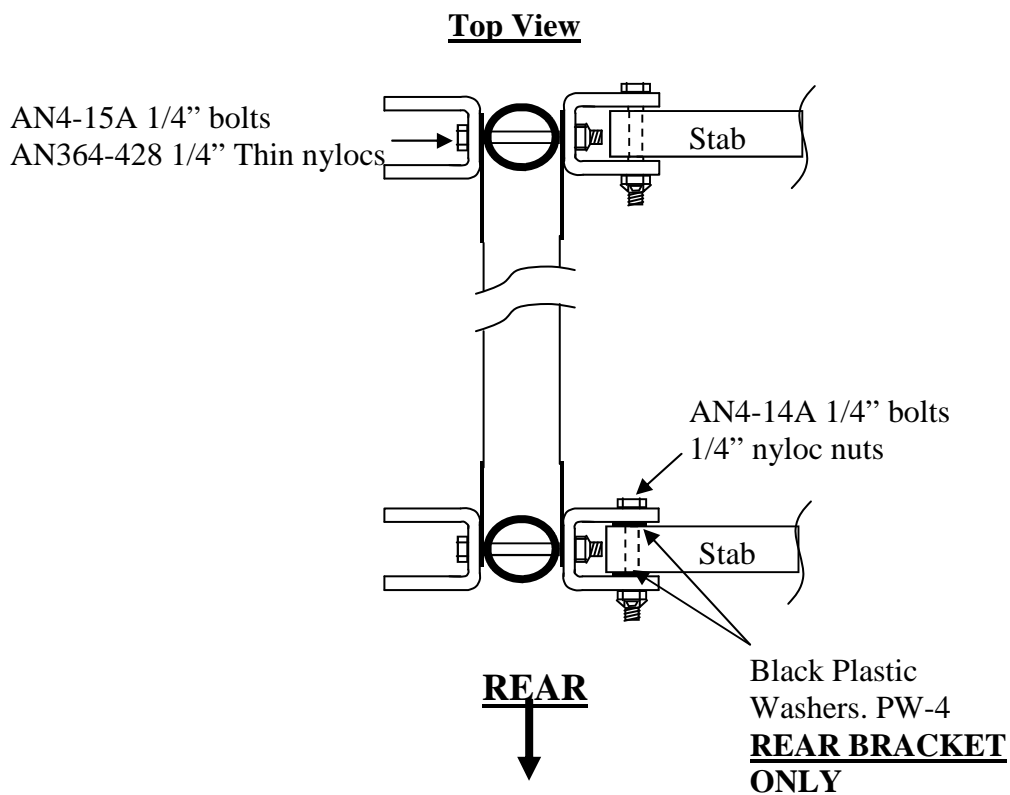
Use filament tape to hold the stabilizer surfaces squarely in place. Extend the stabilizer struts and brackets to find proper bracket location on leading and trailing edges of the stabilizers. Mark the bracket connect holes carefully in the center of the stabilizer frame tubes and drill for installation of rivets. Remove brackets from the struts one at a time, drill and rivet each bracket in place with long stainless rivets (SSD44).

How to attach tail surfaces to fuselage.

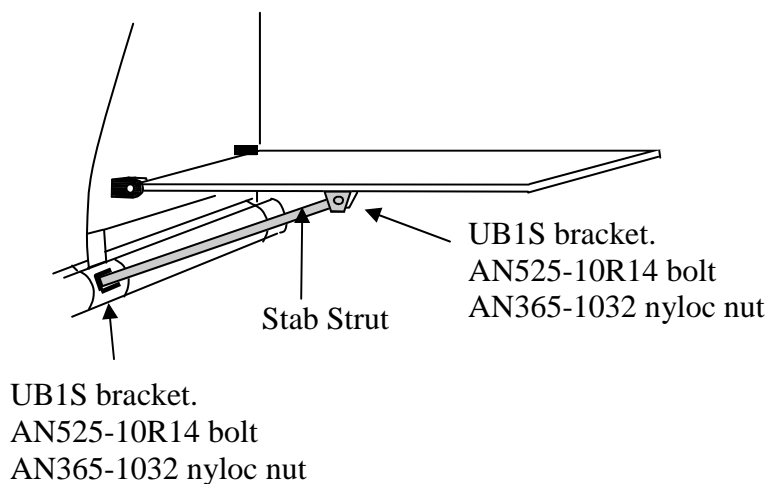
Step 5

Remove hardware from stabilizer attach brackets (on vertical fin) and insert the stabilizers. Replace bolts, nuts, pins and black plastic washers. Repeat for remaining stabilizer.

NOTE: The kit is supplied with 4 Black plastic washers - PW-4. These are installed on the trailing edge attach point hardware (rear bracket) only.

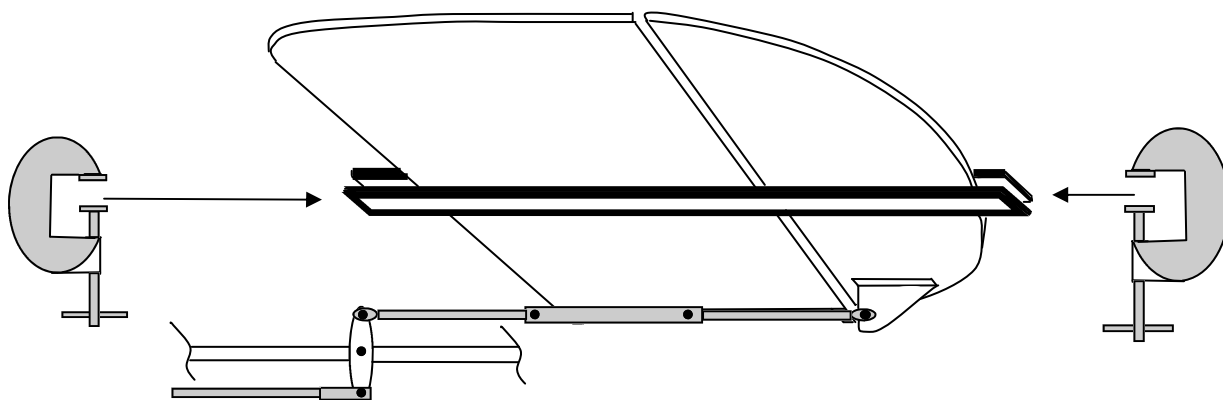


Step 6



How to attach Elevators and Elevator push rods

Step 7 Attach Elevators to Horizontal Stabilizers with hinge clevis pins. Hold the Elevator level with scrap lengths of wood and C-Clamps (as shown below).



Step 8

Assemble telescoping elevator push rods (do not rivet yet) and connect push rods between elevator control horn and stainless steel elevator bellcranks on fuselage (drill 3/16" holes to 1/4" where required).

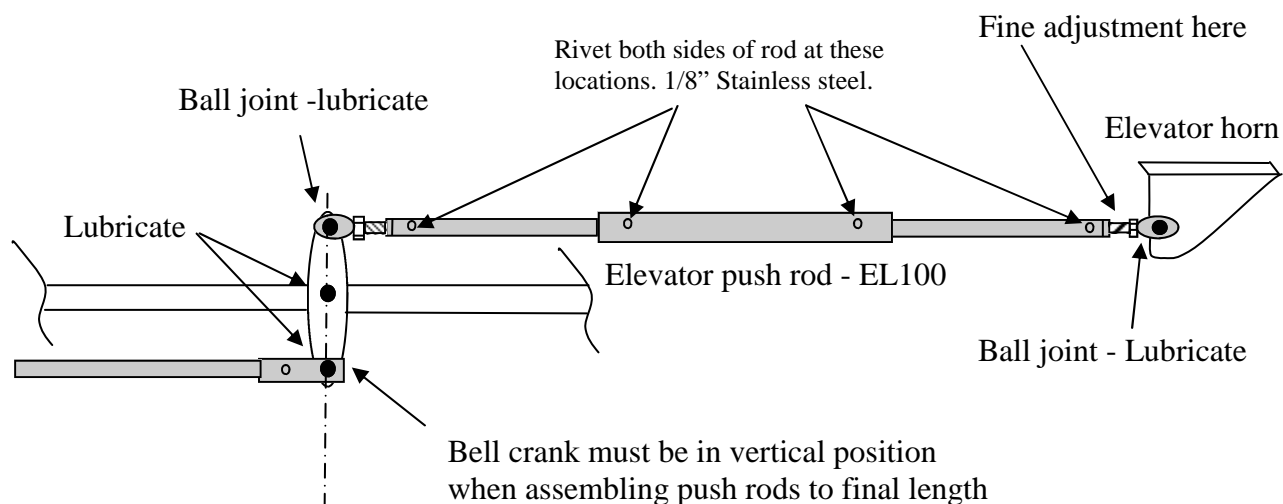
Be sure the elevator bell cranks are positioned in the Vertical position (as shown below). When proper length of the push rod is found, rivet in place with short stainless steel rivets (SSD-42). Make sure that the two smaller tubes telescope an equal amount into the outer sleeve.

Repeat this step for the remaining elevator push rod.

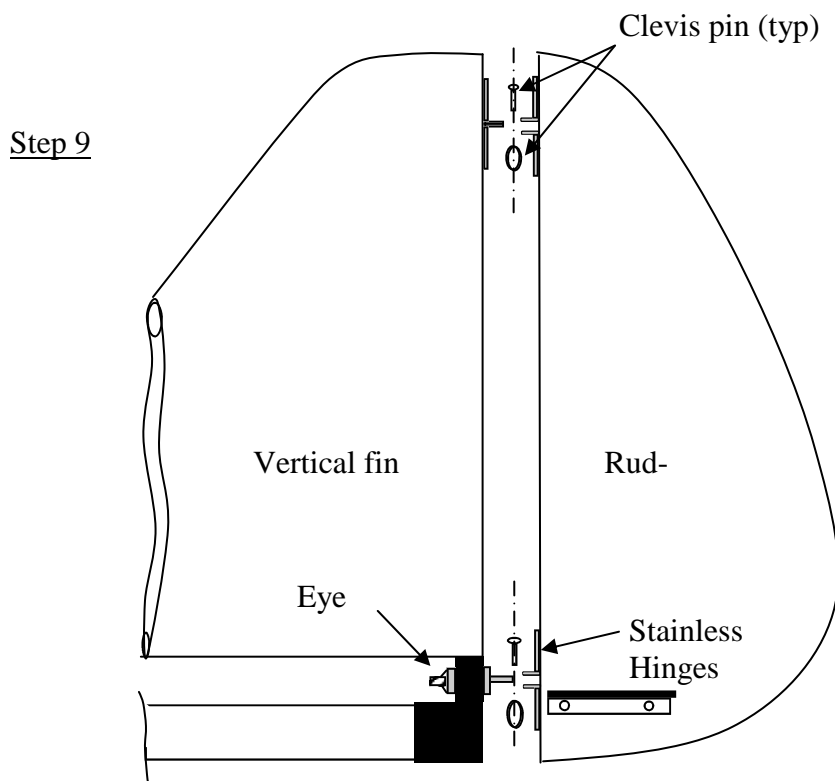
NOTE: The individual elevators must be aligned with each other during movements of the control stick.

Ensure the ball joints have **NO MORE** than 3 turns from bottoming out.

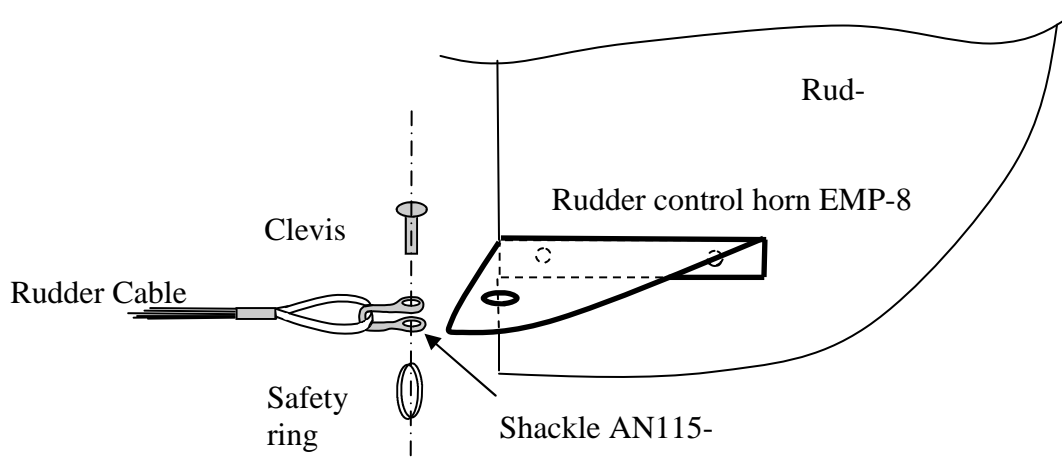
The horizontal stabs, elevators and pushrods may be removed and set aside until later.



How to connect the Rudder assembly



NOTE: Bottom hinge assy. cannot be



Connect the rudder to the vertical fin with the top hinge assembly completed in Section One. Carefully align the rudder with the vertical fin and locate the precise location the hinge brackets will be installed on the rudder (see above). Insert clevis pin and mark rivet holes in each hinge bracket. Rivet hinge brackets in place using 3/16" aluminum rivets.