

- ❑ 1/2"x1/2" balsa triangle stock is glued along fwd side of live elevator hinge and stab T.E. spar for added rigidity to hinge line. Check balsa for length and proper fit. Glue may need grinding slightly at ends. Sand off a bit of the 90° edge of the balsa to achieve a better fit to stab T.E. spar. Flex elevators up and glue balsa in place with SLO-ZAP.



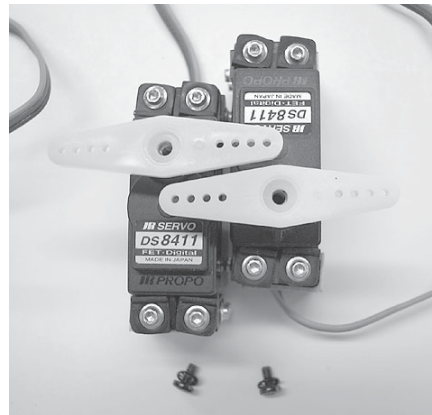
See stab cross section on plans to properly orient triangle stock. CAUTION: Do not over flex the elevator hinge, this could cause the top F/G skin to tear away from the foam laminate.

- ❑ Elevator linkage should be assembled next. Be sure to use the correct threaded rod. 2" Stainless Steel pieces are furnished for elevator and aileron. Flaps and rudder use 1-1/2" pieces.

WARNING: DO NOT SUBSTITUTE ANOTHER BRAND OF THREADED ROD.

- ❑ See "How to solder control linkages" at front of manual. Solder a threaded clevis to one end of each rod.
- ❑ Thread Sullivan clevis to other end of rod.
- ❑ Bend threaded rods to match side view on plans. Grip in the middle with narrow pliers and make 2 gentle bends.
- ❑ Adjust length of rod to 2.7" pin to pin per plan drawing.
- ❑ Attach non-soldered clevis to elevator horns and proceed to elevator servo mounting.
- ❑ Elevator servos must be at neutral for the next step. This requires a radio system. Be sure no sub-trim is previously mixed in transmitter, as this will interfere with setting servo arms correctly.

- ❑ Set both elevator servos side-by-side per photo. With radio on, to assure centering, install both HD (JRPA 215) servo arms. Reverse one, if needed, to achieve parallel fit as shown.
- ❑ When angles are correct, mark un-used side of arm for removal. (See dotted lines on horn.)
- ❑ Install servo screws to prevent loss of correct setting.



NOTE: This procedure is used to avoid use of Matchbox or mixing channels to achieve a matched neutral and even travel for both elevators.

NOTE: Set ATV (elev channel) at 150% up and down set exponential at 25% up and 0% down.

