

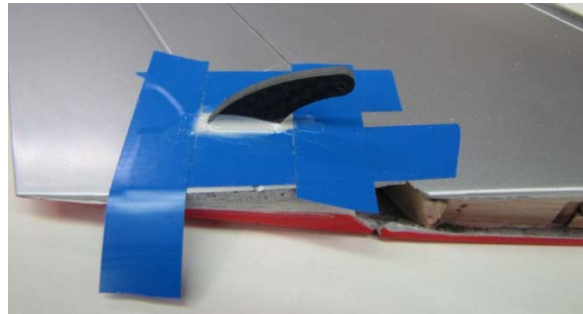
**MiG-15 ARF**  
Assembly & Operation Manual

- Trim about  $\frac{1}{32}$ " from the bottom of the control horn tab and trial fit into the stab. The  $\frac{1}{16}$ " hole in the horn should be centered over the hinge line gap. Use a sharp  $\frac{1}{16}$ " drill bit to assure that the Sullivan clevis pin will fit properly. Scuff the control horn tab and about  $\frac{1}{8}$ " above it for glue adhesion.

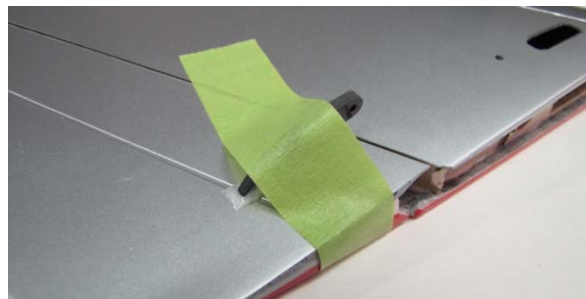
- Check the thickness of the control horn, if it is more than .080", it needs to be thinned a bit to allow a safety clip to be installed on the Sullivan 2-56 clevis. Use a BVM Scuff Board or similar abrasive tool to accomplish this.



- Use plastic tape to make a  $\frac{1}{8}$ " border around the horn slot. Apply Aeropoxy into the slot and horn tab. Insert the horn and finger wipe excess glue to make a neat fillet.



- Pull the tape while glue is still wet, and then use masking tape to hold for cure.



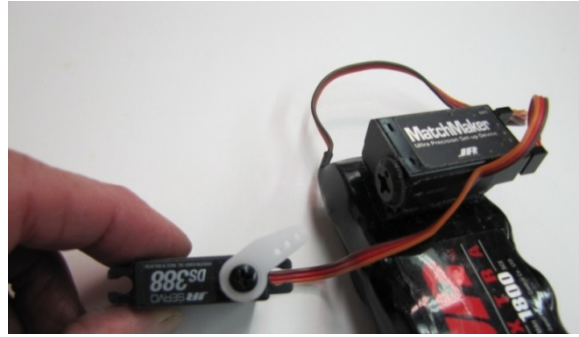
- Silver solder (BVM#5786) a solder link,  $\frac{1}{16}$ " wire, 2-56 threaded coupler and a Sullivan 2-56 quick link to make the elevator pushrods 3.25" long.



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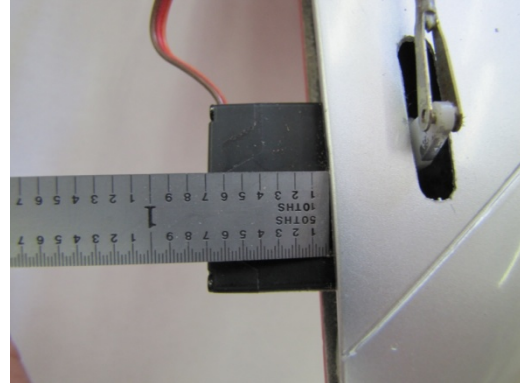
A JR Matchmaker and a battery are handy to operate the servos during set-up.

- Trim the long dual arm unit as shown and set it at the angle shown.



Note: Due to accumulating tolerances in the manufacturing process, follow these procedures for installing the Elevator Servo and making the slot for the servo arm.

- The slot location as marked by BVM works if the servo depth into the end of the stab is as shown, i.e. .700" from the F/G Flange of the stab to the bottom of the JR388 case.



Also check the servo from a frontal view of the stab, it should be in line (parallel to) the stab L.E. centerline. It may be necessary to mill or shim the plywood settings that the servo ears are screwed to.

- Insert the servo with arm as shown. Use a #50 drill to clear the holes for the servo screws provided (bulk pack).



**NOTE:** Do not use the rubber grommets

- Use a Perma-Grit counter sink to prepare for the stab retention 4-40 x<sup>3</sup>/<sub>8</sub>" flat head screw.



Linkage with safety clip installed.

- Use the appropriate Model Master color to brush paint the linkage for a more scale appearance.

