

- G26. Mount the hinge arm to the trim tab hinge using MS24693-S26 screws. Use M21042-06 lock nuts.
- G27. Slot the bottom elevator skin for the trim tab actuator rod. Using a Dremel tool, slowly expand the slot so the rod and clevis will clear at both extremes of travel. Don't worry about notching the skin support spar, that is OK.
- G28. You can test the servo and check for proper tab deflection by using a nine volt battery to run the servo. To reverse the direction of servo travel, simply reverse the white power leads on the battery. The servo will shut itself off at extremes of travel. The tab should extend approximately 25-30°s up and down.  
Note: If an anti-servo tab is to be used, additional travel ranges will be required, up to approximately 45°s up and down.
- G29. Drill a small hole through the elevator spar to route the wires for the servo. Keep the servo wires close to the center of the hinge to avoid excessive bending and wear on the wires.

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HORIZONTAL STAB & ELEVATOR

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