

Skymaster F9F Cougar Rudder Linkage Addendum

Note: Early kits contain the rudder segment interconnect shown in the BVM Supplementary assembly and operations manual. Current production kits contain a modified rudder segment interconnect rod and rudder horn as shown in this addendum. The rudder linkage has also been changed to a “pull-pull” system. The interconnect rod contains a pre-installed rudder control horn.

- ❑ Assemble two pushrods as shown in the accompanying photograph. The center to center length should be approximately 1.75”. Thread the 2” 4-40 BVM supplied pushrod completely into the 4-40 ball links, and cut the rod as required. Leave some excess length within the threaded clevises for adjustments. All length adjustments will be accomplished with the clevises. Refer to the photograph for guidance.



- ❑ Electronically center the servo and connect the clevises to the servo arm. Drill the rudder horns with a #33 drill to accept a 4-40 SHCS. The rudder horns should be equidistant from the shaft.
- ❑ Install the rudder and rudder hinge pins. Assemble the 4-40 x 3/4” SHCS through the rudder horn links, cones, flat washers and the 4-40 ball links. Tighten the lock nuts securely.

