

Fitting the Remote Control Gear

T-37 Pearls

The two rudder and sail trim servos are attached to one another and offset from one another by 3/8".

The rudder control servo is energized and centered by sliding the transmitter's trim levers to the center position.

I found that the 3/8" offset created a conflict wherein the rudder servo control arm (top right in the photo), if mounted square to its own servo, would cause the down-bent end of its rudder linkage rod to bump the body of the adjacent sail control servo. This limited the throw of the rudder with the helm turned hard to port (for a right turn).

One solution is to center the servo as described, but then remove the Phillips screw and pry off the servo arm, rotate the arm clockwise by one cog on the servo control hub, and screw it back on.

Then proceed to mount the two servos on the RC deck, not square to the boat, but at an angle such that just the rudder servo control arm is perpendicular to the boat, as shown, and placed fore or aft such that the rudder itself is amidships.

The result is that the rudder will have full, unobstructed range of swing to both starboard and port.



submitted by Philip Hubbell, Seattle. T-37 #1610