

I converted my steering cables to a direct linkage, eliminating the two pulleys inside of the wet box. The benefits are two fold. It steers easier with the gear down in flight and the cables do not loosen up much when two heavy weights are sitting up front. Due to the closeness of the two rudder steering arms to the wet box you may have to build two short coupled cable tighteners. They can be built from either brass or mild steel square stock $\frac{1}{2}$ ". Since the cables pass through the wet box in a straight line from the steering arms to the steering horns a seal is necessary to keep splash water out of the cabin. A very effective seal was made from two aluminum plates and two neoprene plates sandwiched on each side of the wet box bulkhead by tightening the two 8-32 bolts the neoprene squeezes around the cable and seals the hole. You should use the blue waterproof wheel bearing grease that you lube your wheels with to lubricate the cables. You will have to make up the cables in place as the seal plates only have a $\frac{3}{32}$ " dia. hole. I have sent along a drawing for any one that wants to convert their system. I highly recommend it!

Regards to all,

George

GEORGE PEREIRA
July, 1983

PULLEYS ARE ELIMINATED
STEERING CABLES GO DIRECT

