

## CENTERLINE RUDDER CABLES

The rudder cable installation as shown in the plans I found to have more friction than I liked. For N276JF I re-routed the cables down the center of the cabin as follows.

I removed the horns from the ends of the rudder pedals and remounted them in the center. The cables route through the instrument panel base, the engine instrument console, under the control stick torque tube through 2 pulleys, along the console floor and exit through 2 pulleys at the back of the console and there make a straight shot through station 86 to the tail.

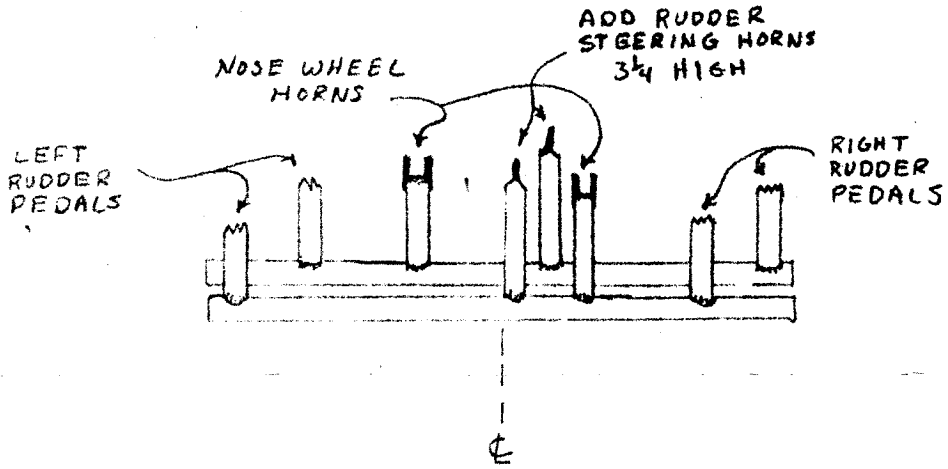
The horns on the rudder pedals are offset to the right to provide clearance for the nose gear boot. They are  $3\frac{1}{4}$ " high.

The 2 pulley assemblies are identical and use  $1\frac{1}{4}$ " pulleys (same as other pulleys in the rudder system).

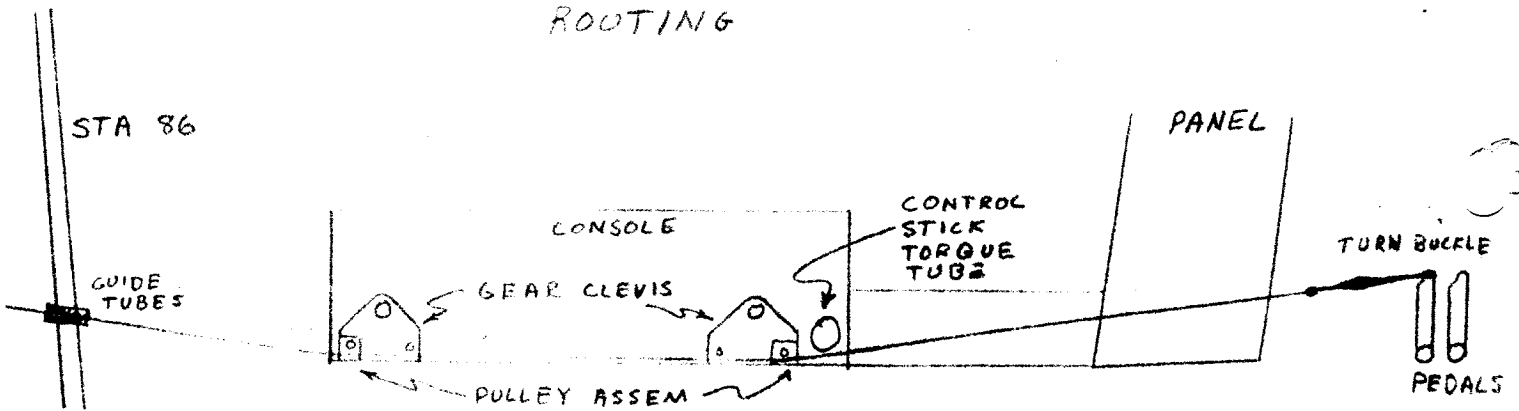
One pulley assembly is installed between the 2 forward bolts of the forward gear lever clevis. The other goes between the 2 aft bolts of the rear gear bellcrank clevis.

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CENTERLINE RUDDER CABLES.  
(NO SCALE)



ROOTING



PULLEY ASSEMBLIES  
(2 ea. Req)

