



I have my C-22 mainsheet on a Harken swivel cam cleat mounted on the forward cockpit wall.

I screw the swivel base onto two marine plastic pieces 3/4 inch thick, 2 inches wide, and 6 inches long. The plastic pieces are thru bolted with four no. 10 X 24 flat head machine screws 2 inches long onto a steel backing plate.

The backing plate is 1/8 inch thick, 2 inches wide and 5 inches long. This is shorter than the plastic pieces which extend above the outside curve of the threshold to level with the step.

It is a custom fit to get the backing plate and the plastic pieces onto the cockpit wall. One must account for the thickness of the threshold and also allow for the inside curve as the threshold transcends from horizontal to vertical. While I measure my threshold at about 1/2 to 1 inch thick, note the axiom that C-22's are not all the same. The measurements below for holes in the cockpit wall and above for the backing plate length are only a guide.

My custom fit is to place the upper mounting screws 1 1/2 inches below the threshold step outside. This permits thru-bolting and eliminates interference with the 1 inch screws holding the swivel base on top.



The mainsheet travels from the swivel to a block amidships on the boom slightly behind vertical above the swivel cam cleat. This position allows the mainsheet when running the boom fully out to clear the cabin roof where I have rope clutches and to clear the cabin bulkhead where I coil a halyard and furling line.

The next two pictures show the mainsheet traveling from the block amidships on the boom, down to the traveler, and then back to a becket on a block at the boom end. This is a three to one purchase. The sheet is about 45 feet from eye splice to end.