

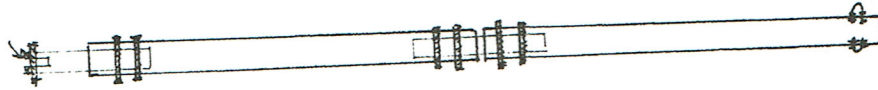
MAST LOWERING BOOM FOR WESTERLY CENTAUR

BY GEOFF BENSON

Materials required:

2 pieces scaffolding pole	152cm. i/d 4cm
2 pieces round bar	22cm o/d 3.9cm (sliding fit into scaffold pole)
7 bolts, nuts and washers	60mm x 10mm
2 U-bolts 1", 4 nuts per bolt	

- Check that pieces of round bar are a sliding fit into the scaffolding.
- Mark halfway along round bar. Insert one piece into end of one piece of pole.
- Drill 2 x 10mm holes through scaffolding and round bar. If done separately ensure that holes line up. They should be 40 - 50mm apart. Bolt up. Insert end of round bar into the end of the other piece of scaffolding. Drill two holes as before. Bolt up temporarily.
- At one end of the scaffolding drill two holes on either side, to house the U-bolts (nuts top and bottom). These will be used to anchor halyards, warps, etc when using.



- The second piece of round bar must have a slot cut into it, to give a snug fit onto the front of the mast foot tongue. Before drilling a hole through, to mate with the mast foot tongue hole, ensure that the 10mm bolt fits the mast foot. The top and bottom edges of the round bar should now be chamfered, to ensure that there is clearance when the boom is raised. (Chamfering top and bottom will ensure that the boom can be used either way up, without having to think about it).
- The round bar can now be fitted into scaffolding and secured by two bolts through the pole and round bar.
- When not in use, the halves can be separated for easier stowage.