

THE F/21 HINGED MAST

Using the F/21 hinged mast will allow one person to easily raise and lower his own mast in just a few minutes. An added benefit for the trailering sailor who wants to get underway in a hurry will be the ability to do this without even having to remove his sail. The only thing that needs to be done is to pull the pin on the boom and release the lazy jacks.

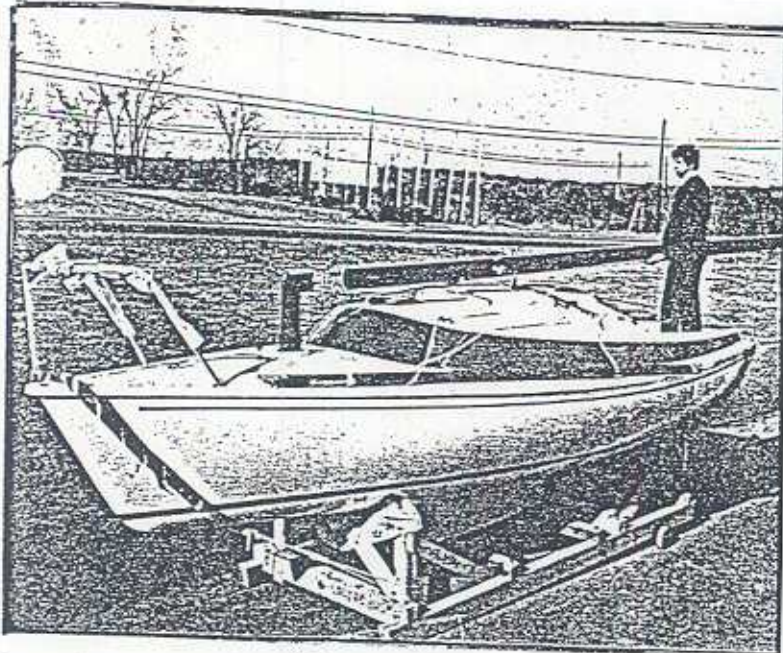


Photo #1

F/21 MAST STEPPING PROCEDURE

1) Insert bottom section of mast into boat with mast wedge and boot, pin base to mast step with the hinge pivoting aft.



Photo #2

2) While standing in the cockpit, slip the base of the top section over the hinge socket (Photo #1)

3) Shackle main halyard to the top of the front tube on bow rail. Lead tail of halyard to stopper, set stopper and remove slack from line. Pin teak handle to boom gooseneck bracket.

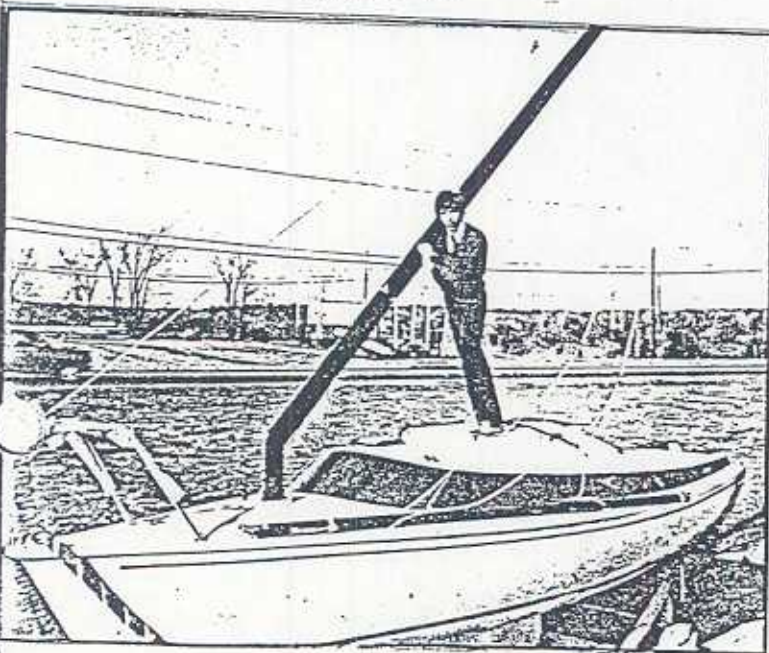


Photo #3

4) Step up onto the deck house and pick up mast with tail of halyard in one hand (Photo #2)

5) Put the mast on your shoulder and walk it forward and up. Continuing to pull the slack from the halyard (Photo #3)

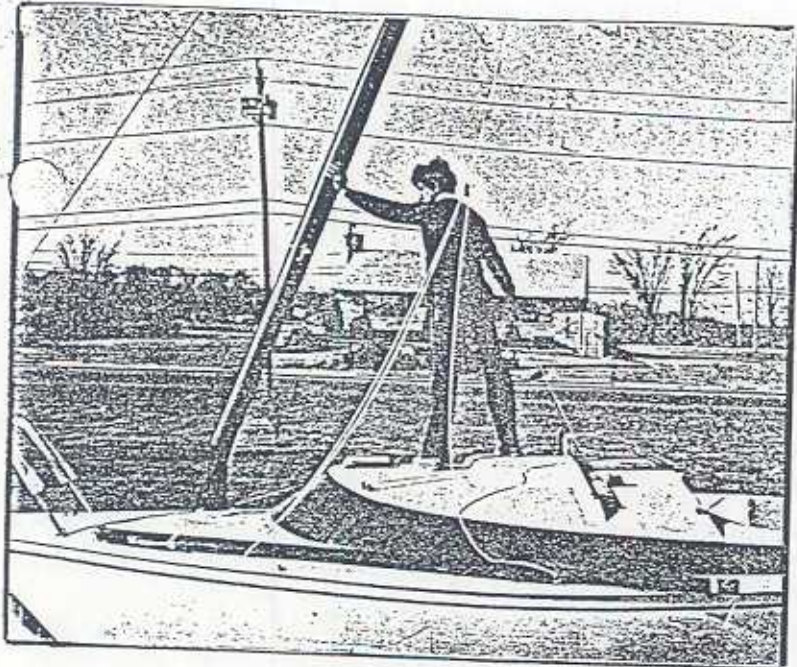


Photo #4

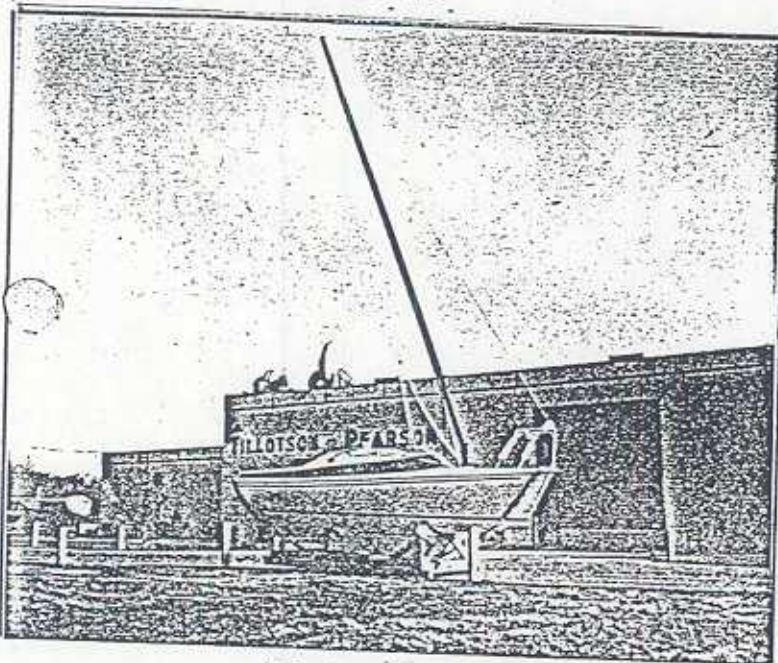


Photo #5.

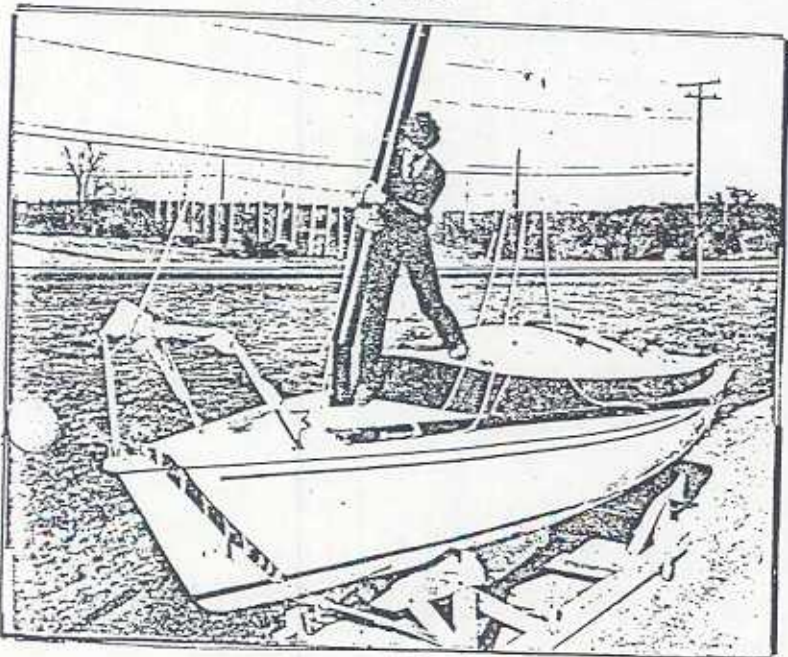


Photo #6

6) If you pull the halyard tight when the mast is at a 60° angle or higher the mast can be supported by the halyard alone. This is demonstrated by Photo #5. The design of the hinge will not allow the mast to fall sideways or forward past the vertical point.

7) Now hold the mast as shown with your arms under the teak handle and push it forward. When mast is vertical, it will slide down and seat itself on the bottom section. (Photo #6)

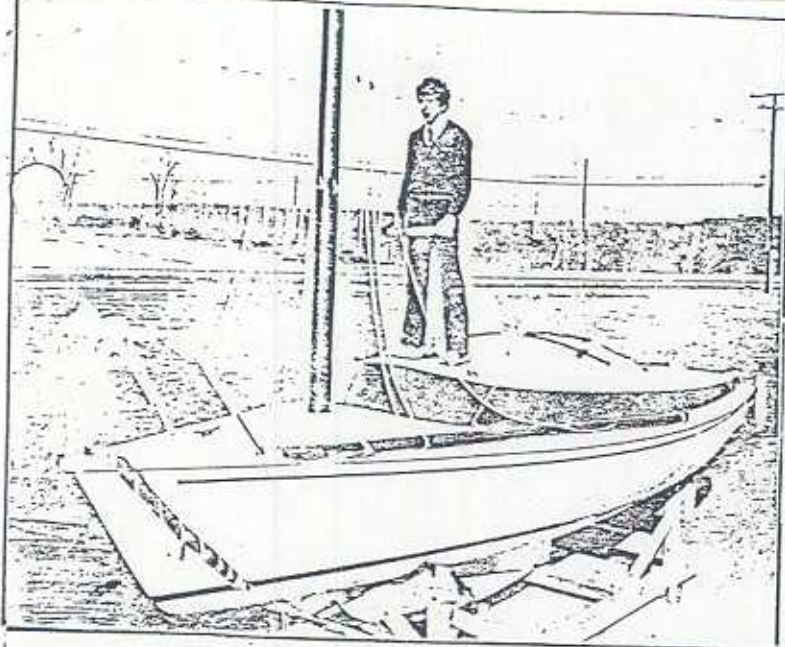


Photo #7

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- 8) Insert faspin into mast to lock the top and bottom section together. Remove teak handle, install boom, and set the lazy jacks. (Photos #7 and #8)

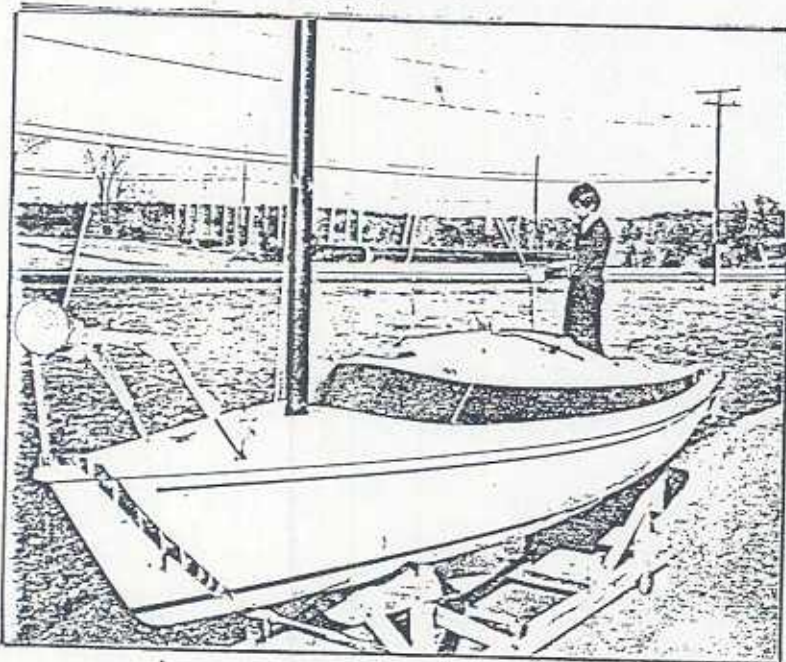


Photo #8

F/21 MAST LOWERING PROCEDURE

- 1) Set main halyard as in Step #3 of the Mast Stepping Procedure. Pull slack out of line and then set the stopper with 30" of slack as shown in Photo #9.
- 2) Now go backwards through Steps #8 and #7.

Note: When you lift mast so that it can hinge aft, you should only lift it to the point where the bottom of the top section is even with the hinge pin. When you reach that point allow the mast to hinge aft until it is supported by the halyard (Photo #3)

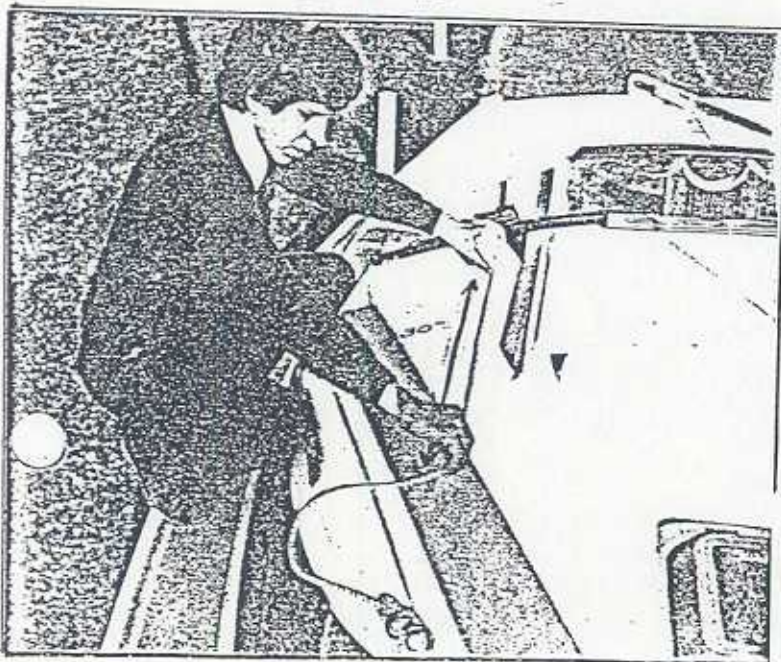


Photo #9.

- 3) Stand on deck house and hold halyard in one hand. While keeping tension on the halyard, release stopper, support mast and ease out halyard as shown in Photo #4 until you can support mast on your shoulder (Photo #3)
- 4) Now just walk aft and lower mast (Photo #2 and #1)