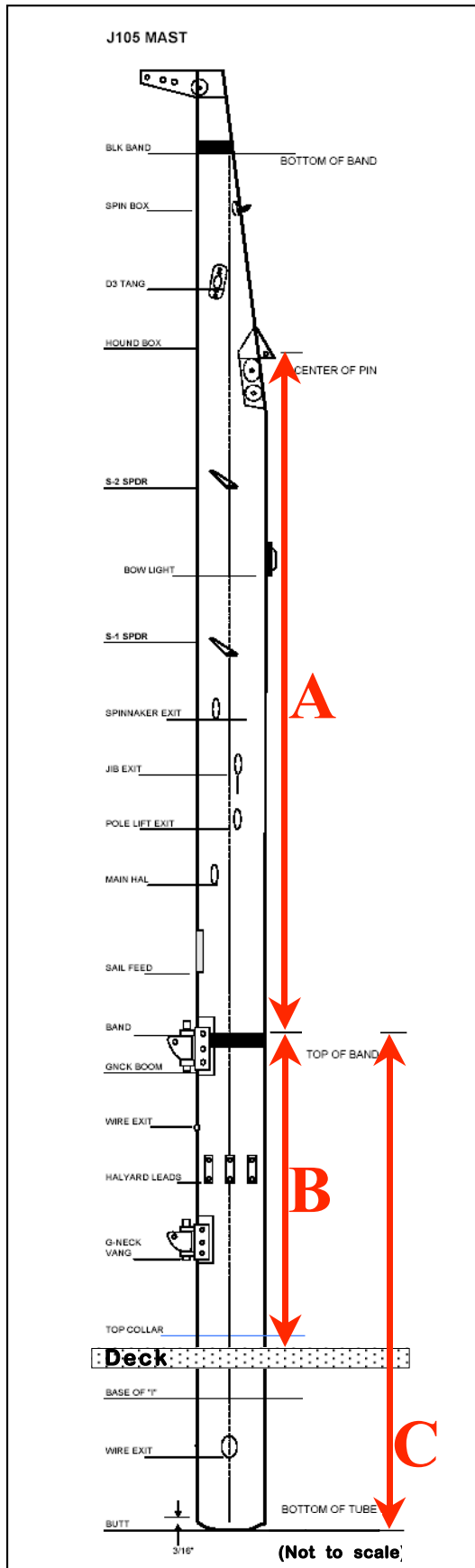


J/105 Mast Measurement Procedure

February 24, 2003



What you need:

- two people
- tape measure (in inches)
- pencil
- spreadsheet for recording measurements

Set up the Mast:

- Backstay must be completely off
- If necessary, back off the shrouds so that there is no prebend
- If there is no black band at the gooseneck for the boom, install as per the diagram on the next page

See diagrams opposite and next page

A - Center of Pin to top of Black Band at Boom (diagram shows 35' 4"):

- Measure from the center of the pin for the attachment of the forestay to the top of the black band at the boom.
- record measurement in spreadsheet

B - Top of Black Band at Boom to the Deck (measured at the side of the Mast) :

- This measure is needed only if the mast is in the boat
- Measure from the top of the black band to the deck (as close as possible to the casting for the collar at the partners)
- please be sure to do that at the side of the mast to eliminate the effect of mast rake.
- record measurement

C - Top of Black Band at Boom to Bottom of Mast, measured at side of the Mast (diagram shows 8' 11-3/16")

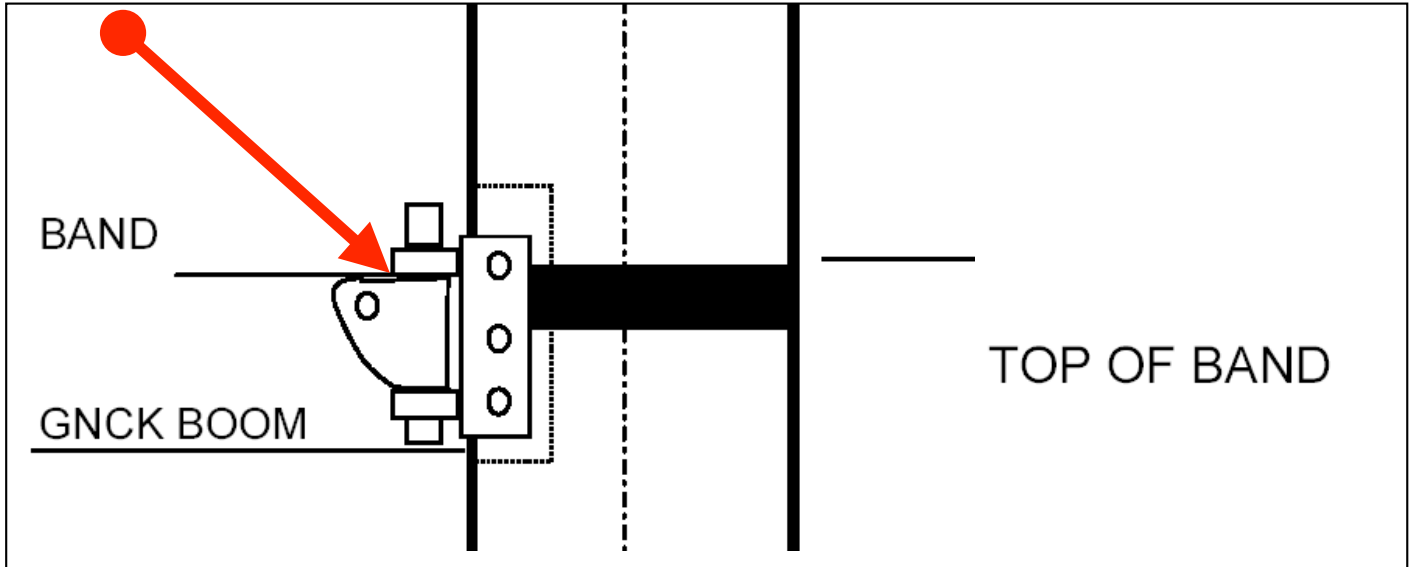
- This measurement is only requested if the mast is out of the boat
- Measure from the top of the black band to the bottom of the mast
- Please be sure to do that at the side of the mast to catch the apex of the curvature of the butt (see diagram on the next page)
- Record measurement

Inspect Mast Butt & Step for Evidence of Modification

- Record whether any evidence is found (Y/N)
- Describe any modification in the "Notes" column, if applicable

Black Band

The top of the Black Band is the starting point for all measurements. It should line up with the underside of the top boom gooseneck flange, and indicates the height of the top side of the boom.



Mast Base Detail

