

Keel Measurement Instructions:

- 1 Set Jig # 1 at back (trailing edge) of keel along bottom edge of the hull. (Jig # 1 is smaller than Jig # 2) Make sure two points are flush with the hull and the single point is on the trailing edge of the keel. Mark the single intersection with a pencil (MPA). Measure down 19 inches (482.6 mm) from the mark and make a second mark (MPC).
- 2 Set Jig # 2 at front (leading edge) of keel along bottom edge of the hull. Make sure two points are flush with the hull and the single point is on the front edge of the keel. Mark the single intersection with a pencil (MPB). Measure down 23 3/4 inches (603.3 mm) from the mark and make a second mark (MPD).
- 3 Measure MPA to MPB using Jig Verify the measurement falls within the minimum and maximum for chord length (955.7 mm minimum, 974.7 mm maximum). Measure MPC to MPD using Jig Verify the measurement falls within the minimum and maximum for chord length (590.6 mm minimum, 616.0 mm maximum).
- 4 Measure transom to MPA (2883 mm minimum, 2908.3 mm maximum) and measure transom to MPC (3003 mm minimum, 3029 mm maximum). Make sure to put tape measure at the intersection of the bottom of the hull and the stern.
- 5 Measure MPA to the bottom of the keel (708 mm minimum, 720.7 maximum).
- 6 Measure station thickness 1 (95.2 mm minimum) and 2 (73 mm minimum). Using Jigs.
- 7 Check station shapes using jigs (straight elliptical, deviations in shape +/- 3 mm, but not to be intentional, concave contour beyond accidental _hollow_ is considered illegal)
- 8 Measure trailing edge thickness between MPE and Hull (8 mm Minimum), between MPE and MPC (6 mm minimum) and below MPC (6 mm minimum).

New:

Station A Measurements

- 1 Additional station A is defined as the section cut of the keel stub portion of the hull between MPE and MPF.
- 2 Mark MPE, being 203.5 mm above MPA.
- 3 Mark MPF, being 253 mm above MPB.
- 4 Measure station thickness between MPE and MPF. 108 mm minimum
- 5 Measure trailing edge from MPE to hull. 8 mm minimum

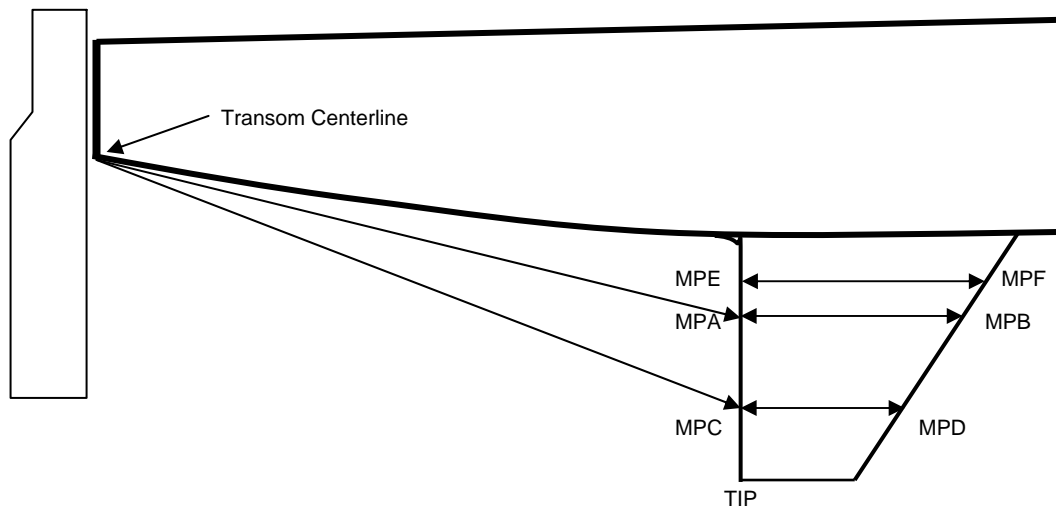
Transom to MPA	_____	+	MPA to MPB	_____	=	_____
	2883 Min			955.7 Min		3871 Max
	2908.3 Max			974.7 Max		

Transom to MPC	_____	+	MPC to MPD	_____	=	_____
	3003 Min			590.6 Min		3633 Max
	3029 Max			616 Max		

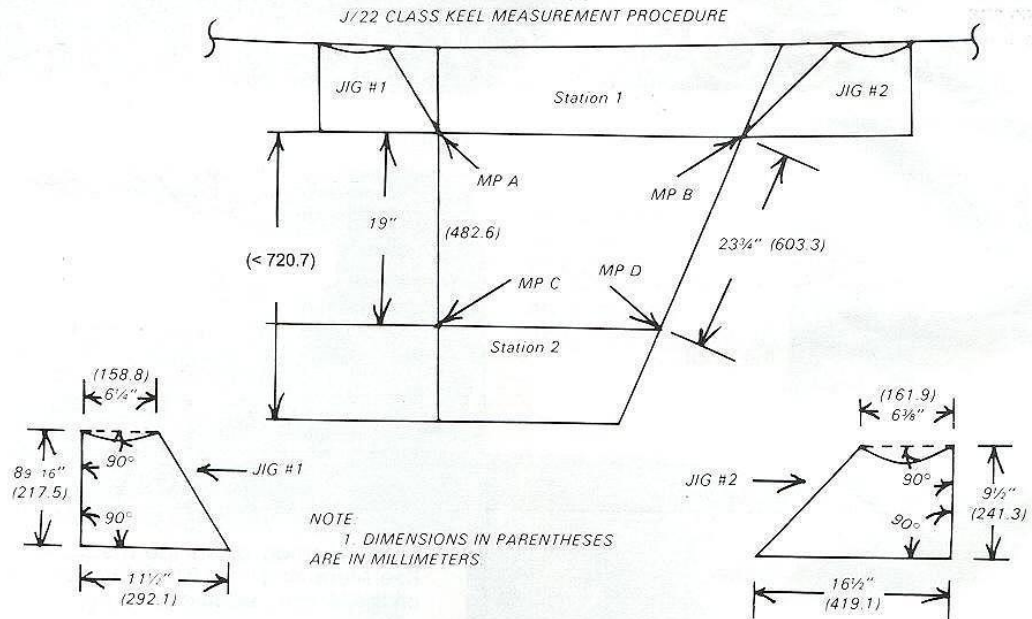
MPA to Bottom of Keel	_____
	708 Min
	720.7 Max

Station thickness A	_____
	108.0 Min

Station thickness 1	_____
	95.2 Min
Station thickness 2	_____
	73.0 Min
Trailing edge Hull to MPE	_____
	8 mm Min
Trailing edge MPE to MPA	_____
	6 mm Min
Trailing edge MPA to Tip	_____
	6 mm Min



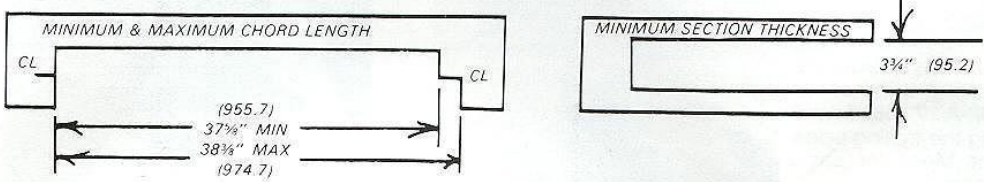
Station 1 Thickness
95.2 mm min
Station 2 Thickness
73.0 mm min
Pass/Fail



NOTE
 1. DIMENSIONS IN PARENTHESES
 ARE IN MILLIMETERS

STATION 1 MEASUREMENTS

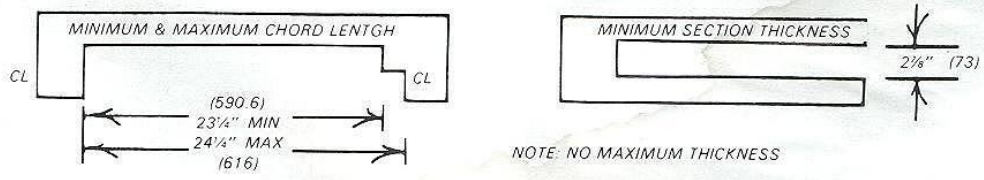
STATION 1 IS DEFINED AS THE SECTION CUT OF THE KEEL BETWEEN MPA AND MP B. MPA AND MP B ARE LOCATED BY PLACING JIG #1 AND JIG #2 AS SHOWN ABOVE ON THE CENTER LINE OF THE HULL AND KEEL.



NOTE: NO MAXIMUM THICKNESS

STATION 2 MEASUREMENTS

STATION 2 IS DEFINED AS THE SECTION CUT OF THE KEEL BETWEEN MPC AND MPD AS SHOWN ABOVE.



NOTE: NO MAXIMUM THICKNESS

KEEL FORWARD & AFT LOCATION

