

PART III - Appendix

H.1 Appendage Plan

Official J/80 Keel Plan & Offsets

All Dimensions in Millimeters

Section	1	2	3	4	5	6	7	8
Chord Length	960	920	880	740	740	790	1010	1230
Location Below Section 1	0	160	320	880	920	960	1040	1120
Leading Edge Radius	11.3	12.3	13.4	14.9	16.1	20.3	27.9	35.8

Xc Station	Section Half Widths (Yc)								Tip CL Profile Below 8
	1	2	3	4	5	6	7	8	
0.0125	15.8	15.8	15.8	15.8	16.4	18.9	25.2	31.6	15.8
0.025	21.8	21.8	21.8	21.8	22.7	26.1	34.9	43.6	21.8
0.05	29.6	29.6	29.6	29.6	30.8	35.5	47.4	59.2	29.6
0.075	35.0	35.0	35.0	35.0	36.4	42.0	56.0	70.0	35.0
0.10	39.0	39.0	39.0	39.0	40.6	46.8	62.4	78.0	39.0
0.15	44.6	44.6	44.6	44.6	46.4	53.5	71.3	89.1	44.5
0.20	47.8	47.8	47.8	47.8	49.7	57.4	76.5	95.6	47.8
0.25	49.5	49.5	49.5	49.5	51.5	59.4	79.2	99.0	49.5
0.30	50.0	50.0	50.0	50.0	52.0	60.0	80.0	100.0	50.0
0.40	48.4	48.4	48.4	48.4	50.3	58.0	77.4	96.7	50.0
0.50	44.1	44.1	44.1	44.1	45.8	52.9	70.6	88.2	48.6
0.60	38.0	38.0	38.0	38.0	40.4	45.6	60.8	76.0	44.3
0.70	30.5	30.5	30.5	30.5	31.7	36.6	48.8	61.0	37.3
0.80	21.8	21.8	21.8	21.8	22.7	26.2	34.9	43.6	27.1
0.90	12.0	12.0	12.0	12.0	12.5	14.0	18.7	23.4	14.7
1.00	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Notes:

- 1) Section 1 is the intersection of the hull fairbody with the molded keel sump not including the fillet radius
- 2) Leading edge profile sweepback is 19.29 degrees
- 3) X sections at tip below Section 8 are elliptical.
- 4) All sections are parallel

Official J/80 Rudder Plan & Offsets

All Dimensions in Millimeters

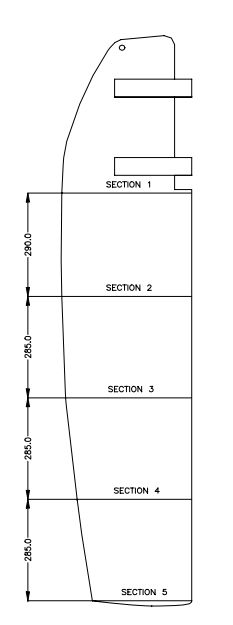
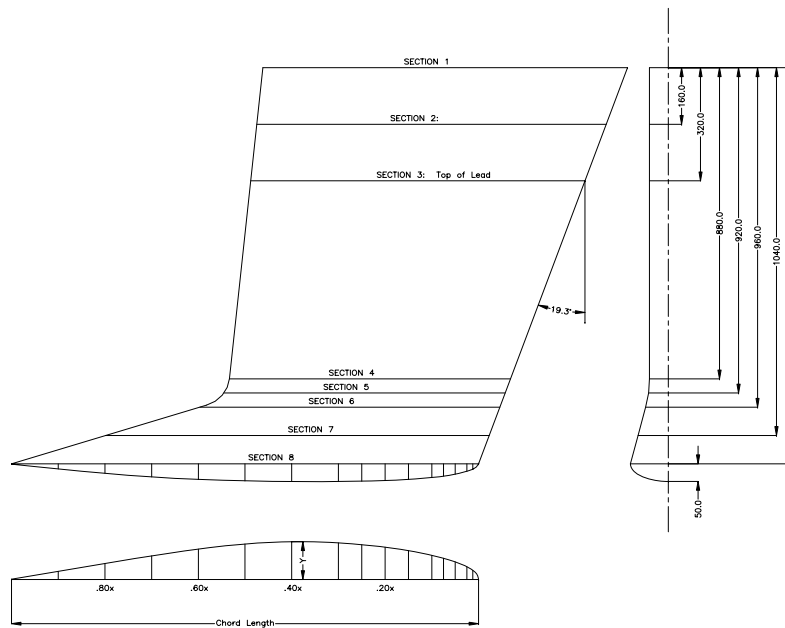
Section	1	2	3	4	5
Chord Length	340	340	330	300	260
Location Below Section 1	0	290	575	860	1145
Leading Edge Radius	5.4	5.4	5.2	4.7	4.1

Xc Station	Section Half Widths (Yc)				
	1	2	3	4	5
0.0125	6.4	6.4	6.2	5.6	4.9
0.025	8.9	8.9	8.6	7.9	6.8
0.05	12.1	12.1	11.7	10.7	9.2
0.075	14.3	14.3	13.9	12.6	10.9
0.10	15.9	15.9	15.4	14.0	12.2
0.15	18.1	18.1	17.6	16.0	13.9
0.20	19.5	19.5	18.9	17.2	14.9
0.25	20.2	20.2	19.6	17.8	15.4
0.30	20.4	20.4	19.8	18.0	15.6
0.40	19.6	19.6	19.0	17.3	15.1
0.50	18.0	18.0	17.5	15.9	13.8
0.60	15.6	15.6	15.1	13.8	11.9
0.70	12.4	12.4	12.0	10.9	9.5
0.80	8.8	8.8	8.5	7.8	6.7
0.90	5.0	5.0	4.8	4.4	3.9
1.00	1.0	1.0	1.0	1.0	1.0

Note:

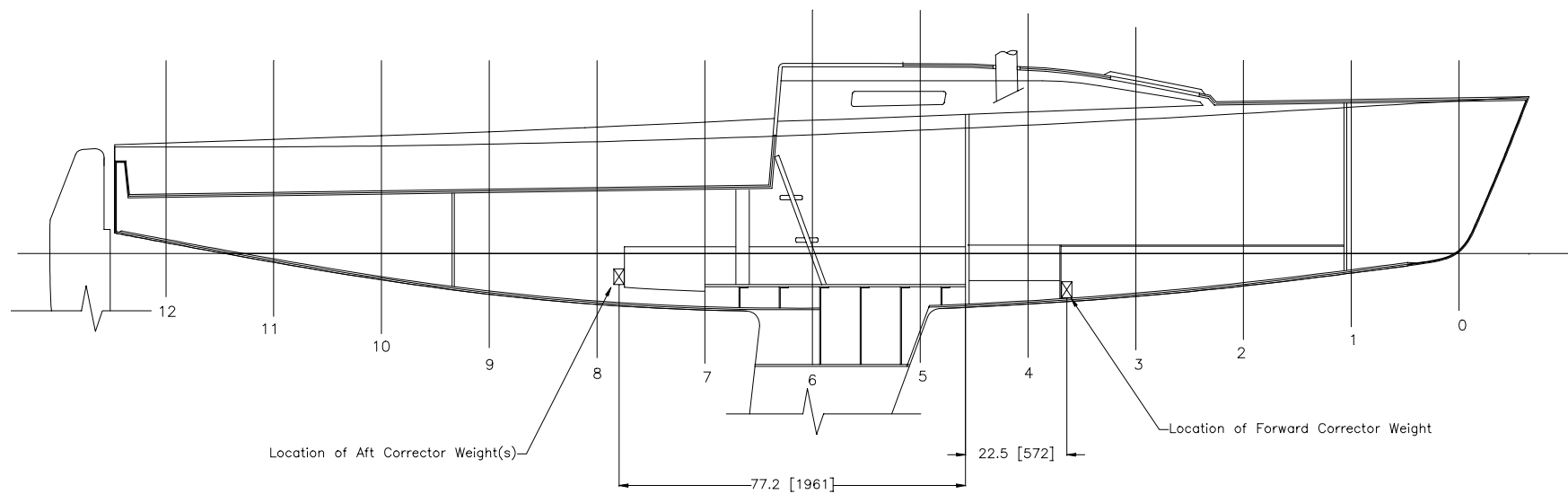
Leading Edge is Vertical

J/80 Keel Plan



PART III – Appendix

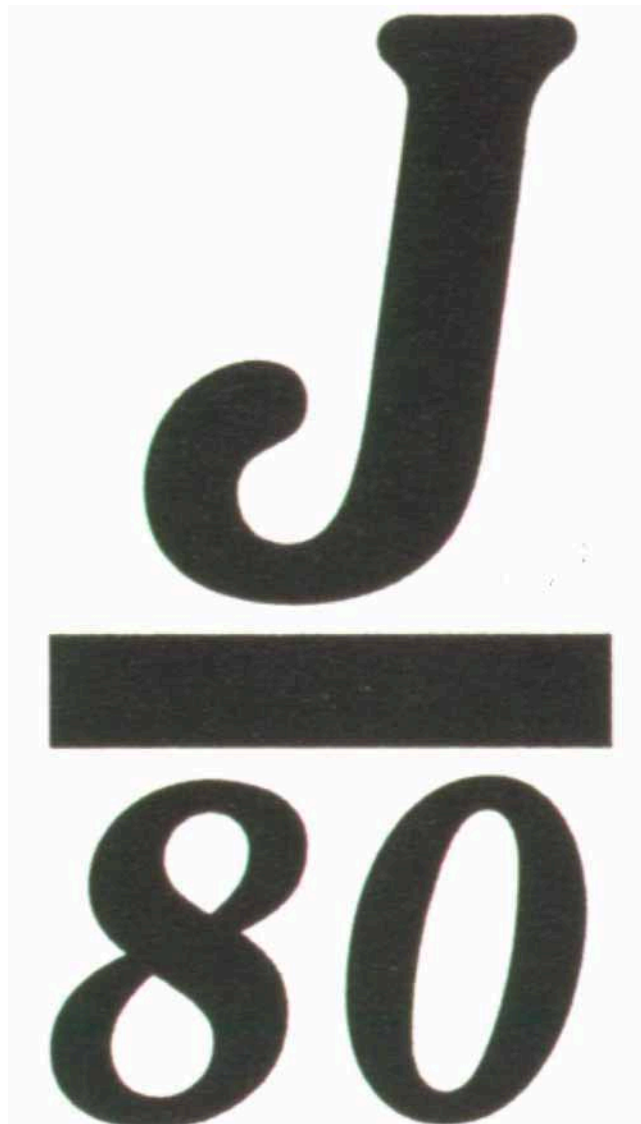
H.2 Corrector Weight Placement



J/80 Class Rules

PART III – Appendix

H.3 Class Insignia



PART III – Appendix

H.4 Owner Regatta Declaration

OWNER REGATTA DECLARATION

Owner Name: _____

Boat Name _____ Sail # _____

I hereby guarantee that the above J/80 registered for the _____ regatta will be in full compliance with all official J/80 class rules throughout the event and as owner or qualified entrant I am a member of the class association with dues paid in full.

I further agree to make the above J/80 available for immediate periodic spot equipment and sail inspections upon docking at any time during the event. If deemed necessary by the class authority at the event, I further agree to assist in a complete measurement of my J/80 by an official class approved measurer, to insure compliance with class rules.

Owner _____
Signature _____ Print _____

SUBMIT THIS FORM AT EVENT REGISTRATION.

PART III – Appendix

H.5 Crew Weight Declaration

CREW WEIGHT DECLARATION

Owner Name: _____

Boat Name _____ Sail # _____

	Crew Name	Weight
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

Total Weight _____ Max 338.6 kg (745lbs)

I hereby guarantee the weights above are correct and that the total weight of the crew meets the conditions of class rule C.3.1.

Owner _____
Signature _____ Print _____

SUBMIT THIS FORM AT EVENT REGISTRATION.