



MARINER 40 (GARDEN)

Sailboat Specifications

Hull Type:	Long Keel	Rigging Type:	Masthead Ketch		
LOA:	40.33 ft / 12.29 m	LWL:	30.17 ft / 9.20 m		
Beam:	11.42 ft / 3.48 m	S.A. (reported):	733.00 ft ² / 68.10 m ²		
Draft (max):		5.67 ft / 1.73 m			
Displacement:	26,500 lb / 12,020 kg	Ballast:	9,000 lb / 4,082 kg		
S.A./Disp.:	13.25	Bal./Disp.:	33.96	Disp./Len.:	430.80
Ballast Type:		Iron			
First Built:		1965			
Builder:		Far East Yacht Builders, Inc - Ta Yang			
Designer:		C. Oberly/W. Garden			

Auxiliary Power/Tanks (orig. equip.)

Make:	Perkins
Type:	Diesel
Fuel:	75 gals / 284 L

Sailboat Calculations

S.A./Disp.:	13.25
Bal./Disp.:	33.96
Disp./Len.:	430.80
Comfort Ratio:	48.11
Capsize Screening Formula:	1.54
S#:	0.78

Rig and Sail Particulars

I:	48.25 ft / 14.71 m	J:	15.67 ft / 4.78 m
P:	41.75 ft / 12.73 m	E:	15.25 ft / 4.65 m
PY:	26.25 ft / 8.00 m	EY:	10.83 ft / 3.30 m
S.A. Fore:	378.04 ft ² / 35.12 m ²	S.A. Main:	318.34 ft ² / 29.58 m ²
S.A. Total (100% Fore + Main Triangles)	696.38 ft ² / 64.70 m ²		
S.A./Disp. (calc.):	12.59	Est. Forestay Len.:	50.73 ft / 15.46 m

Sailboat Accommodations

Water:	120 gals / 454 L
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Sailboat Organizations

Designers:	William Garden
Builders:	Ta Yang Yacht Building Co. Ltd.
	Far East Yachts (JAP)

Additional Notes

The earliest version of the MARINER 40 was built of wood in 1965 and then later in fiberglass with wood decks and superstructure. Far East Yachts built the boats, first in Japan (95 hulls) and then in California. Later the molds for the MARINER 40 and MARINER 36 were purchased by another company and construction continued for some years at the Ta-Yang yard in Taiwan.