

# ALDEN 46

## Sailboat Specifications

<b>Hull Type:</b>	Keel/Cbrd.		<b>Rigging Type:</b>	Masthead Sloop	
<b>LOA:</b>	47.67 ft / 14.53 m		<b>LWL:</b>	37.08 ft / 11.30 m	
<b>Beam:</b>	13.50 ft / 4.11 m		<b>S.A. (reported):</b>	1,076.00 ft <sup>2</sup> / 99.96 m <sup>2</sup>	
<b>Draft (max):</b>	10.10 ft / 3.08 m		<b>Draft (min):</b>	5.30 ft / 1.62 m	
<b>Displacement:</b>	32,000 lb / 14,515 kg		<b>Ballast:</b>	13,000 lb / 5,897 kg	
<b>S.A./Disp.:</b>	17.15	<b>Bal./Disp.:</b>	40.63	<b>Disp./Len.:</b>	280.21
<b>Ballast Type:</b>			Lead		
<b>First Built:</b>	1987		<b>Last Built:</b>	1997	
<b>Builder:</b>			Alden Yachts Inc. (USA)		
<b>Designer:</b>			Niels Helleberg		

## Auxiliary Power/Tanks (orig. equip.)

<b>Make:</b>		Westerbeke	
<b>Type:</b>	Diesel	<b>HP:</b>	58
<b>Fuel:</b>		120 gals / 454 L	

## Sailboat Calculations

<b>S.A./Disp.:</b>	17.15
<b>Bal./Disp.:</b>	40.63
<b>Disp./Len.:</b>	280.21
<b>Comfort Ratio:</b>	38.38
<b>Capsize Screening Formula:</b>	1.70
<b>S#:</b>	1.92

## Rig and Sail Particulars

<b>I:</b>	60.00 ft / 18.29 m	<b>J:</b>	19.30 ft / 5.88 m
<b>P:</b>	53.00 ft / 16.15 m	<b>E:</b>	18.75 ft / 5.72 m
<b>S.A. Fore:</b>	579.00 ft <sup>2</sup> / 53.79 m <sup>2</sup>	<b>S.A. Main:</b>	496.88 ft <sup>2</sup> / 46.16 m <sup>2</sup>
<b>S.A. Total (100% Fore + Main Triangles)</b>		1,075.88 ft <sup>2</sup> / 99.95 m <sup>2</sup>	
<b>S.A./Disp. (calc.):</b>	17.15	<b>Est. Forestay Len.:</b>	63.03 ft / 19.21 m

## Sailboat Accommodations

<b>Water:</b>	180 gals / 681 L
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## Sailboat Organizations

<b>Designers:</b>	Niels Helleberg
<b>Builders:</b>	Alden Yachts (USA)

## Additional Notes

Alden design #1193 (ALDEN 46/48/50.)