

# ALPA 21

## Sailboat Specifications

<b>Hull Type:</b>	Fin w/transom hung rudder		<b>Rigging Type:</b>	Masthead Sloop	
<b>LOA:</b>	21.25 ft / 6.48 m		<b>LWL:</b>	18.60 ft / 5.67 m	
<b>Beam:</b>	8.16 ft / 2.49 m		<b>S.A. (reported):</b>	245.00 ft <sup>2</sup> / 22.76 m <sup>2</sup>	
<b>Draft (max):</b>			4.00 ft / 1.22 m		
<b>Displacement:</b>	2,868 lb / 1,301 kg		<b>Ballast:</b>	800 lb / 363 kg	
<b>S.A./Disp.:</b>	19.47	<b>Bal./Disp.:</b>	27.89	<b>Disp./Len.:</b>	198.97
<b>First Built:</b>			1976		
<b>Builder:</b>			Alpa (ITA)		
<b>Designer:</b>			Sparkman & Stephens		

## Sailboat Calculations

<b>S.A./Disp.:</b>	19.47
<b>Bal./Disp.:</b>	27.89
<b>Disp./Len.:</b>	198.97
<b>Comfort Ratio:</b>	13.95
<b>Capsize Screening Formula:</b>	2.30
<b>S#:</b>	3.00

## Rig and Sail Particulars

<b>I:</b>	30.00 ft / 9.14 m	<b>J:</b>	8.55 ft / 2.61 m
<b>P:</b>	26.00 ft / 7.92 m	<b>E:</b>	9.00 ft / 2.74 m
<b>S.A. Fore:</b>	128.25 ft <sup>2</sup> / 11.91 m <sup>2</sup>	<b>S.A. Main:</b>	117.00 ft <sup>2</sup> / 10.87 m <sup>2</sup>
<b>S.A. Total (100% Fore + Main Triangles)</b>		245.25 ft <sup>2</sup> / 22.78 m <sup>2</sup>	
<b>S.A./Disp. (calc.):</b>	19.49	<b>Est. Forestay Len.:</b>	31.19 ft / 9.51 m

## Sailboat Organizations

<b>Designers:</b>	Sparkman & Stephens
<b>Builders:</b>	Alpa Yachts (ITA)

## Additional Notes

S&S design #2204.