

# ALERION EXPRESS 33

## Sailboat Specifications

<b>Hull Type:</b>	Fin w/spade rudder		<b>Rigging Type:</b>	Fractional Sloop	
<b>LOA:</b>	33.00 ft / 10.06 m		<b>LWL:</b>	26.33 ft / 8.03 m	
<b>Beam:</b>	9.25 ft / 2.82 m		<b>S.A. (reported):</b>	495.00 ft <sup>2</sup> / 45.99 m <sup>2</sup>	
<b>Draft (max):</b>			5.00 ft / 1.52 m		
<b>Displacement:</b>	8,700 lb / 3,946 kg		<b>Ballast:</b>	3,300 lb / 1,497 kg	
<b>S.A./Disp.:</b>	18.78	<b>Bal./Disp.:</b>	37.93	<b>Disp./Len.:</b>	212.77
<b>Ballast Type:</b>			Lead		
<b>First Built:</b>			1996		
<b>Builder:</b>			Alerion Yachts Inc, (USA)		

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

<b>Make:</b>	Volvo Penta
<b>Type:</b>	Diesel

## Sailboat Calculations

<b>S.A./Disp.:</b>	18.78
<b>Bal./Disp.:</b>	37.93
<b>Disp./Len.:</b>	212.77
<b>Comfort Ratio:</b>	24.51
<b>Capsize Screening Formula:</b>	1.80
<b>S#:</b>	2.75

## Rig and Sail Particulars

<b>I:</b>	33.73 ft / 10.28 m	<b>J:</b>	11.39 ft / 3.47 m
<b>P:</b>	38.19 ft / 11.64 m	<b>E:</b>	15.88 ft / 4.84 m
<b>S.A. Fore:</b>	192.09 ft <sup>2</sup> / 17.85 m <sup>2</sup>	<b>S.A. Main:</b>	303.23 ft <sup>2</sup> / 28.17 m <sup>2</sup>
<b>S.A. Total (100% Fore + Main Triangles)</b>		495.32 ft <sup>2</sup> / 46.02 m <sup>2</sup>	
<b>S.A./Disp. (calc.):</b>	18.80	<b>Est. Forestay Len.:</b>	35.60 ft / 10.85 m

## Sailboat Organizations

<b>Builders:</b>	Alerion Yachts (USA)
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## Additional Notes

Shoal draft 4.0'