

ALERION EXPRESS 28

Sailboat Specifications

Hull Type:	Fin w/spade rudder		Rigging Type:	Fractional Sloop	
LOA:	28.25 ft / 8.61 m		LWL:	22.82 ft / 6.96 m	
Beam:	8.18 ft / 2.49 m		S.A. (reported):	352.00 ft ² / 32.70 m ²	
Draft (max):			5.50 ft / 1.68 m		
Displacement:	4,400 lb / 1,996 kg		Ballast:	2,000 lb / 907 kg	
S.A./Disp.:	21.03	Bal./Disp.:	45.45	Disp./Len.:	165.29
Ballast Type:			Lead		
First Built:	1990		# Built:	115	
Builder:			Tillotson Pearson Inc, (USA)		
Designer:			Carl Schumacher		

Auxiliary Power/Tanks (orig. equip.)

Make:	Volvo Penta	Model:	MD2010
Type:	Diesel	HP:	10
Fuel:		7 gals / 26 L	

Sailboat Calculations

S.A./Disp.:	21.03
Bal./Disp.:	45.45
Disp./Len.:	165.29
Comfort Ratio:	16.92
Capsize Screening Formula:	2.00
S#:	3.67

Rig and Sail Particulars

I:	30.00 ft / 9.14 m	J:	9.75 ft / 2.97 m
P:	33.00 ft / 10.06 m	E:	12.50 ft / 3.81 m
S.A. Fore:	146.25 ft ² / 13.59 m ²	S.A. Main:	206.25 ft ² / 19.16 m ²
S.A. Total (100% Fore + Main Triangles)	352.50 ft ² / 32.75 m ²		
S.A./Disp. (calc.):	21.06	Est. Forestay Len.:	31.54 ft / 9.61 m

Sailboat Accommodations

Water:	6 gals / 23 L
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Sailboat Organizations

Designers:	Carl Schumacher
Builders:	Holby Marine
	TPI Composites
	Alerion Yachts (USA)

Additional Notes

The first boats (7) were built by Holby Marine. After 1991 the boats were built by TPI. Later boats have an updated keel w/bulb.