



28' (8.53m) 2005 Alerion Express 28
Bristol Rhode Island United States



OVERVIEW

\$89,500

Manufacturer:	Alerion		
Engines:	1 Volvo	Hull Material:	Fiberglass
Engine Model:		Cruise Speed:	
Engine HP:	12	Max Speed:	
Beam:	8' 2"	Cabins/Heads:	/
Max Draft:	"	Fuel Type:	Diesel
Water:		Fuel:	



Data Sheet

Category: Cruiser-Racer
Condition: Used
Model Year: 2005
Beam: 8'2" (2.49m)
LOA: 28' 3" (8.61m)

Fuel Type: Diesel
Hull Material: Fiberglass

HIN/IMO: TSPA E287I405

Engines/Generators

Engine 1

Volvo
Inboard
12HP
8.95KW
Fuel: Diesel
Year: 2005
Location: Middle

Summary/Description

2005 Alerion Express 28

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Design and Build

Designer: Carl Schumacher

Builder: Alerion Yachts

Manufacturer Provided Description

The new trend to elegant day sailers was pioneered by the notable beauty of this Carl Schumacher design, which sailors instinctively pause to admire. Quality produced by Pearson Composites, utilizing the SCRIMP system of resin infusion by vacuum, the AE 28 also delivers outstanding performance under sail, and is specifically designed to be easily single handed. With a fin keel and spade rudder providing exceptional maneuverability and stability, the Hoyt Jib Boom bringing off wind speed, and a 12 Volvo Diesel Sail Drive adding reliable power, this beautifully balanced boat sets the standard for the ideal day sailer.

Hull and Deck

- Infusion Molded (SCRIMP) GRP with biaxial and unidirectional E-glass reinforcing fabrics
- End grain balsa core
- Vinyl ester resin gelcoat reinforcing layer
- White gel coat hull color
- Molded and tapered single gelcoat bootstripe -
- Keel floors, keel sump, engine bed, mast step and longitudinal stringers molded integrally with the hull during the SCRIMP process
- Resin infused (SCRIMP) GRP sandwich structure with biaxial reinforcing fabrics and end grain balsa
- light grey deck with molded nonskid
- Flange type joint bonded with Plexus MA550 adhesive (ABS approved)
- Full length teak toe-rail
- Ballast keel: Fin with integral bulb for low center of gravity, one-piece lead casting alloyed with antimony bolted to molded keel sump with 304 grade stainless steel bolts
- Low draft keel was replaced with Standard Keel at factory(US Watercraft)2017
- Fair Keel & Rudder to Waterline Systems racing specs
- Epoxy barrier coat and anti-fouling bottom spray painted and sanded to race specs (us Waterline)
- Block sand and Prime with Interprotect 2000E Barrier-coat
- Club Racer Package: Spray 6-7 applications of (Baltoplate (metallic grey)
- Antifouling paint, Wetsand to 400 grit.
- Repainted June 2020 with Black Widow, wet sanded and burnished
- Marine grade plywood bulkheads bonded to hull and deck
- Double lined lifelines with stainless steel bow and stern pulpits and stanchions.

- Lines have port and starboard entrance gates.
- Bow stanchion modified for asymmetric. Stainless spinnaker sprit extension attached to bow fitting.g.

Dimensions

LOA: 28 ft 3 in

Beam: 8 ft 2 in

LWL: 22 ft 9 in

Maximum Draft: 4 ft 6 in

Ballast: 2200 lbs

Dry Weight: 5700 lbs

Engine

Engine 12 HP Volvo Diesel

Year Built: 2005

2-blade folding propeller, Vetus muffler (2015)

Engine Type: Inboard

Location: Center

Drive Type: Sail drive

Interior

- Marine grade plywood bulkheads with white, low maintenance laminate and teak trim
- sink and stove
- Manual head with internal deposit and on deck flush system.
- 38 qt. icebox / companionway step w/teak and holly lid
- Teak and holly cabin sole
- blue snubbers cushions with blue piping in cabin, white cushions for cockpit with blue piping
- 2 fire extinguishers

Electronics

- Raymarine Axiom 9 2018 on swing arm
- VHF
- Raymarine 60 wind, depth, speed
- Raymarine 2000 tiller auto pilot 2012
- Kenwood Stereo wifi with CD, Karaoke and 2 cabin and 2 cockpit speakers (new 2016)
- windvane (2016)

- Icom VHF with separate microphone

Electrical

- 12 volt DC system designed to ABYC standards
- 12 volt starting battery and 12 volt house battery and Guest battery switch
- DC electrical panel with 8 circuit breakers
- factory installed charger, voltage regulator and shore connector
- New Pro Quest battery charger (2018) and additional switch
- Two swivel low voltage reading lights
- Two overhead voltage dome lights
- LED navigation lights, bow and stern
- DC electrical panel w/8 circuit breakers
- (2) Swivel reading lights
- Navigation lights, Mast LED light, foredeck LED light
- Mast and chainplates grounded to keel for lightning protection to meet A.B.Y.C. standards

Plumbing

- Manually operated bilge pump in cockpit
- Electric bilge pump (2017) with float switch
- Oversized cockpit and side deck drains

Deck Hardware

- Hoyt Jib Boom
- Harken Roller furling for 95% self tacking jib with port and starboard side sheeting
- Harken mainsheet led to 4:1 mainsail traveler system mounted on aft deck with circular line.
- Harken mainsheet cam base and block mounted on a barney post. New mainsheet 2020
- Two 10" winch handles
- Adjustable (8:1) backstay below deck with lead to cockpit
- 19"x19" Lewmar deck hatch with smoke tint
- Marinc solar vent on hatch (2020)
- (4) Fixed elliptical Bamar portlights
- 8" Mooring cleats: 2 forward, 2 aft, 2 midship
- Custom-cast chocks for forward and midship cleats
- Teak and lexan companionway hatch slider with lexan drop-in washboard
- Deck mounted Harken fairleads and clutch stoppers port and starboard
- Custom stainless bow stemhead with welded jib tack and fair lead ring
- optional stainless spinnaker bowsprit.
- Genoa rail and carriage
- Spinnaker set up at mast and sprit for asymmetrical and ring for symmetrical.
- adjustable spinnaker pole
- Teak handrails on cabin house
- Teak toe rail
- Self draining cockpit

- Flag, teak flag pole and socket
- Lewmar #30 (2) speed self tailing primaries
- Lewmar #14 self tailing main halyard & reefing winch

Standing and Running Rigging

- 1x19 stainless wire standing rigging with open barrel turnbuckles (replaced 2018)
- Continuous rigged system for easy rig tuning
- Custom port and starboard chainplates
- Dyneema Internal main, jib and spinnaker halyards accessible from cockpit
- Lazy-jacks and single line reefing for mainsail
- Hall Quick Vang system

Sails

Working Sail Area : 352.00 sq ft, Sail Area/Disp 17.7

- Triradial dacron main sail from North Sails (2012)
- Triradial dacron jib sail (with battens) from North Sails (2012)
- two asymmetric spinnakers (2016 and 2017) on Rollgen wire furler setup
- one symmetrical spinnaker, Sobstadt 0.5 oz (2004)
- Full carbon fiber LP/mylar main (Sail Technologies, 2018)
- genoa and jib Carbon fiber LP/mylar on Harken furler from (SailTechnologies, 2018-2020)

Covers

- Full boat Sunbrella custom cover with mast on, special stanchion settings.
- mainsail sail Sunbrella cover with Alerion logo
- custom cockpit Sunbrella cover
- tiller and 4 winch Sunbrella covers

Steering

- Laminated teak tiller with Forespar extension
- GRP rudder with stainless steel shaft tube and polished rudder head
- Balanced spade rudder with elliptical blade

Miscellaneous Equipment

- Anchor with chain and line
- stern ladder and fitting
- 4 inflatable life jackets



















