



ORC

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**2018
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



World Leader In Rating Technology

Certificate

Number **US6127**
Issued On **11/04/2018**
ORC Ref **USAX016EPQ8**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default	617kg
Maximum	617kg
Minimum*	463kg

**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	645.0	0.9302
Non Spin OSN	625.5	0.9592

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration
Symmetric: **Yes** **94.11**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

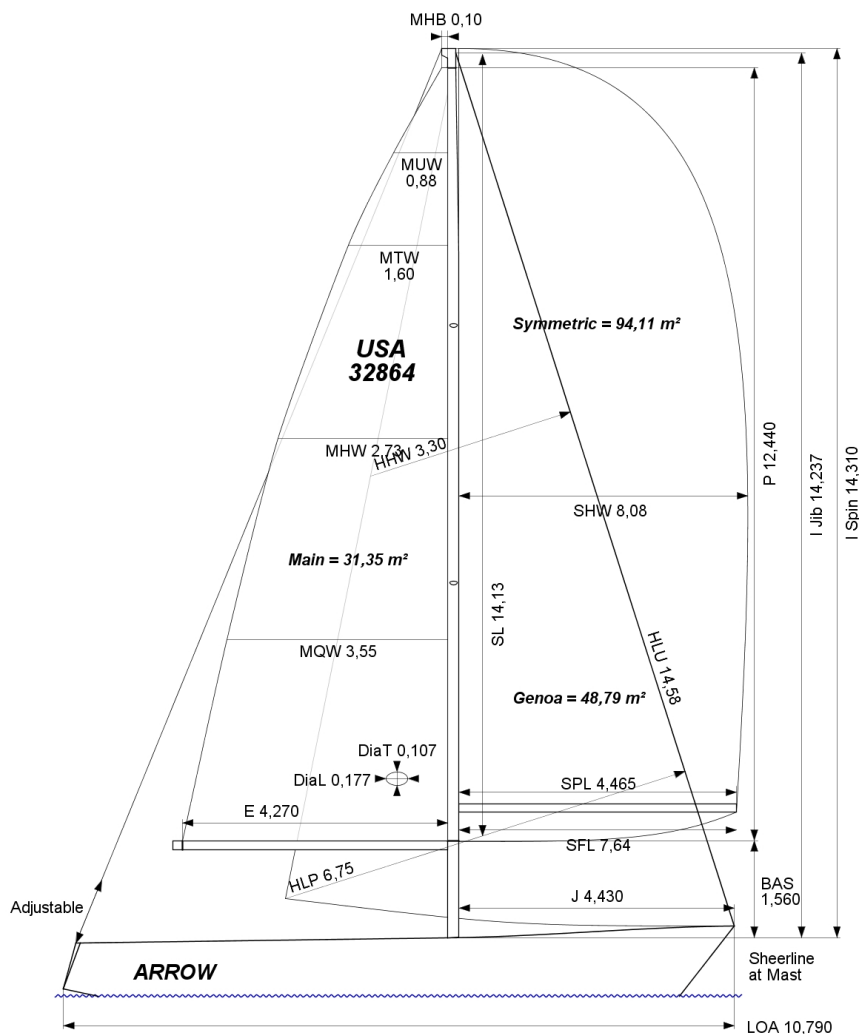
Class Division Length

CDL = 9.341

Stability (Estimated)

Limit Positive Stab.: **135.8°**
Stability Index: **133.7**

Owner



BOAT		GPH		HULL		
Name ARROW Sail Nr USA 32864		619.8		Data File US6127	LOA 10.790m	
				Offset File US17521.OFF	MB 3.640m	
				Displacement 5,035kg	Draft 2.139m	
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.011%	
Class J-35				Fwd Accom. Yes	Construction Cored	
Designer JOHNSTONE,R				Fiber Rigging No	Aramid Core No	
Builder TILLOTSON-PEARSON				Crew Arm Ex 0.00	Carbon Rudder No	
Series 05/1983				Light Stanchions No		
Age Date 01/1984				IMSL 9.265m	VCGD -0.597m	
Age Allowance 0.487%				RL 9.416m	VCGM -0.596m	
				WS 24.15m²		
COMMENTS				LSM0 9.261m	Displacement/Length ratio 6.3391	
				Water Ballast 0	Trim Tab No	
				BLR Index 0.0000		
PROPELLER				BILGEBOARD		
Installation Shaft exposed	PRD 0.381			BS	BT BA	
Type Folding 2 blades	PBW 0.104			BF	BX	
	PIPA 0.0010			BC	BY	
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	601.1			663.2		
Time on Time	0.9982			1.0178		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	706.3	551.0	488.8	903.9	667.0	577.0
Time on Time	0.9557	1.2251	1.3808	0.7468	1.0120	1.1699