



World Leader in Rating Technology

2017
ORC Club One
Design Certificate

Rating Office

Offshore
Racing
Congress



World Leader in Rating Technology

Certificate

Number **J24ITA**
Issued On **24/03/2017**
ORC Ref **CLU00021621**
VPP Ver. **2017 1.00**
Valid until **31/12/2017**

Crew Weight

Declared **400kg**
Default* **350kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	734.3	0.8171
Double H.OSN	717.0	0.8369
Non Spin GPH	748.3	0.8018
Non Spin OSN	726.9	0.8255

Sails Limitations

Headsails 5 Spinnakers 3

Spinnaker configuration

Symmetric: **Yes** 35.34
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

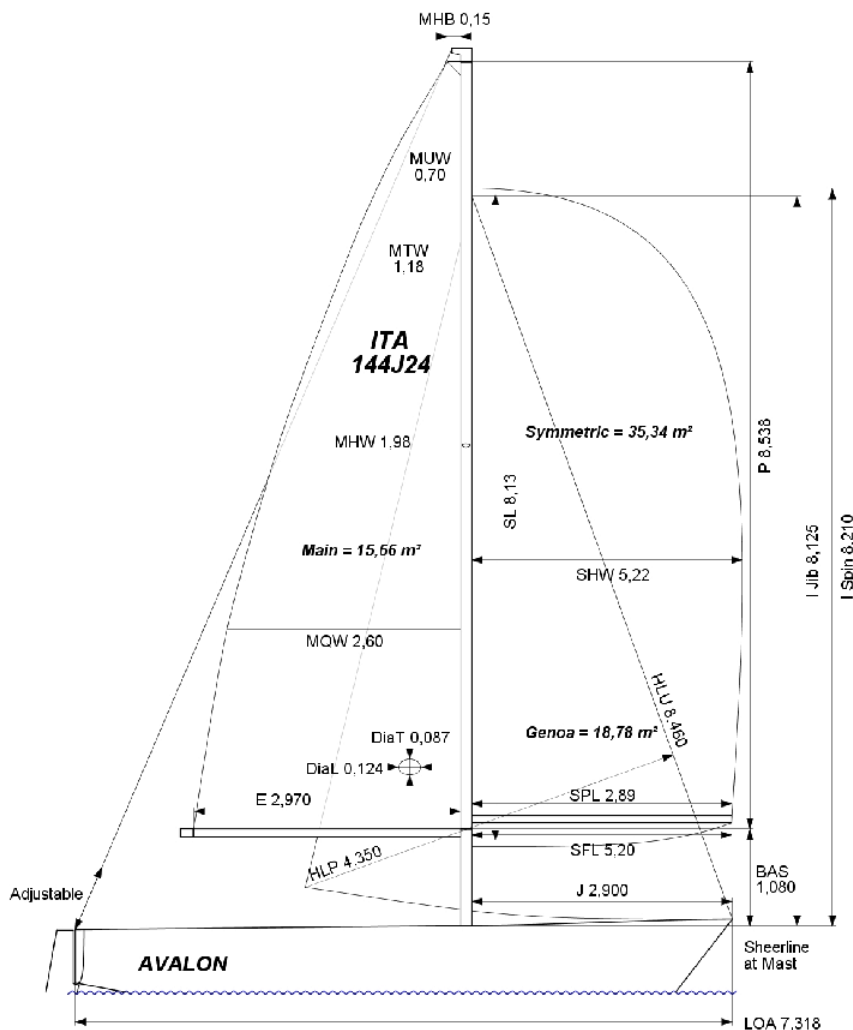
Class Division Length

CDL = 6.267

Stability (Measured)

Limit Positive Stab.: **103.3°**
Stability Index: **95.3**

Owner



BOAT		GPH		HULL		
Name AVALON Sail Nr ITA-144J24		727.7		Data File I44J24	LOA 7.318m	
				Offset File j24.od	MB 2.692m	
				Displacement 1,271kg	Draft 1.224m	
				IMS Division Performance	Dynamic All. 0.000%	
				Fwd Accom. No	Construction Solid	
				Fiber Rigging No	Aramid Core No	
				Crew Arm Ex	Carbon Rudder No	
					Light Stanchions No	
		IMSL 6.486m	VCGD 0.048m	Sink 8.52kg/mm		
		RL 6.046m	VCGM 0.075m	WS 10.46m²		
		LSMD 6.227m		Displacement/Length ratio 5.2639		
COMMENTS		Water Ballast 0 Trim Tab No				
PROPELLER		CENTERBOARD				
Type No Propeller		N/A				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	708.1			792.2		
Time On Time	0.8474			0.8521		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	830.3	647.3	569.8	1076.2	795.3	696.8
Time on Time	0.8130	1.0428	1.1847	0.6272	0.8487	0.9687