



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

Hungarian Yachting Association
Istvanmezei ut 1-3
H-1146 Budapest
HUNGARY



Certificate

Number **028/18**
Issued On **22/07/2018**
ORC Ref **HUN10015086**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 522kg
Maximum **400kg**
Minimum* **300kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	679.5	0.8830
Non Spin OSN	658.9	0.9106

Sails Limitations

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

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes 94.57**
Flying H/S: **Yes 43.21**
Spin. Pole: **No**

Class Division Length

CDL = 8.180

Stability (Estimated)

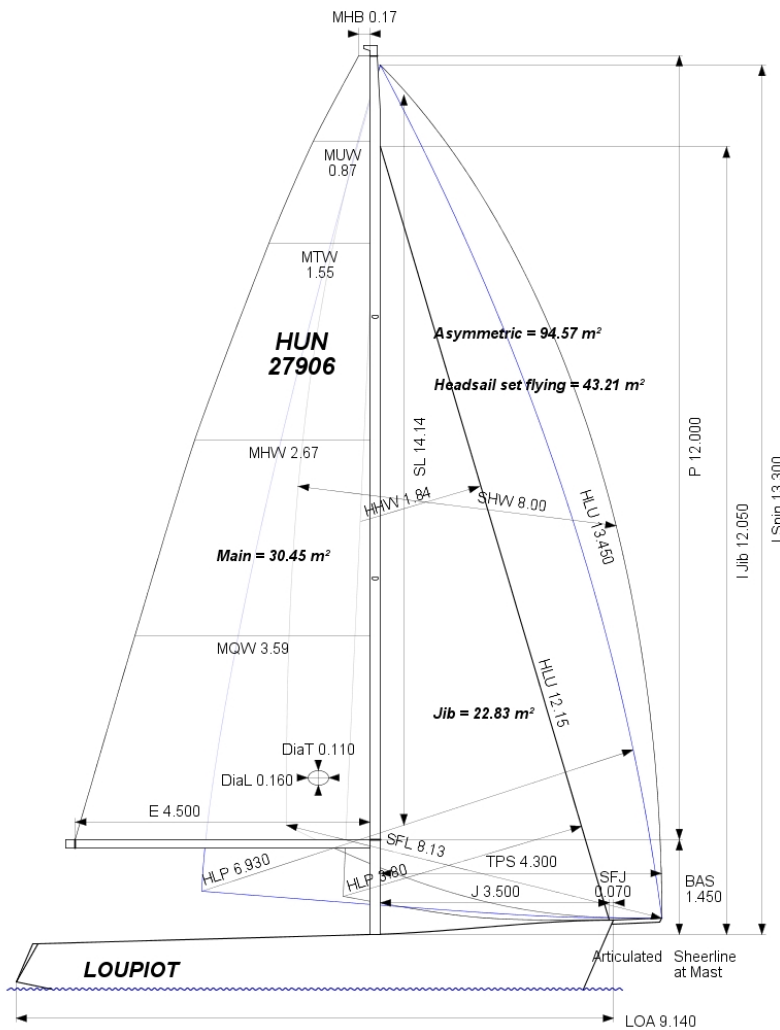
Limit Positive Stab.: **117.0°**
Stability Index: **113.5**

Owner

Fehér György
Aranyfácán u. 1.
1221 Budapest
HUNGARY

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH	HULL			
Name Loupiot Sail Nr HUN-27906		624.1	Data File HUN27906	LOA 9.140m		
			Offset File J92S.OFF	MB 3.050m		
			Displacement 2,915kg	Draft 1.933m		
CLASS			IMS Division Cruiser/Racer	Dynamic All. 0.018%		
Class J 92S			Fwd Accom. No	Construction Cored		
Designer Rod Johnstone			Fiber Rigging No	Aramid Core No		
Builder J Composite			Crew Arm Ex	Carbon Rudder No		
Series 01/1992, CIN FR-JBE9S025L506				Light Stanchions No		
Age Date 01/2006			IMSL 8.366m	VCGD -0.150m	Sink 13.56kg/mm	
Age Allowance 0.487%			RL 7.993m	VCGM -0.147m	WS 17.83m²	
COMMENTS			LSM0 8.242m	Displacement/Length ratio 5.2064		
			Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
PROPELLER			CENTERBOARD			
Installation Strut	PRD 0.360	N/A				
Type Folding 2 blades	PBW 0.100					
	PIPA 0.0034					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	612.4			682.0		
Time on Time	0.9797			0.9897		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	685.7	563.0	508.1	881.5	685.1	609.2
Time on Time	0.9844	1.1990	1.3286	0.7657	0.9852	1.1080



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ORC Club Certificate Appendix

BOAT		Certificate Number	028/18
Name	Loupiot	Issued On	22/07/2018
Sail Nr	HUN-27906		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	980.0	828.5	773.5	746.9	734.7	729.9	717.5
52°	643.1	564.1	544.3	535.5	529.8	526.6	519.0
60°	605.9	546.7	529.7	520.7	515.0	510.8	504.0
75°	578.2	532.4	512.0	499.5	491.1	483.6	475.5
90°	577.2	531.3	507.4	486.5	469.7	459.2	443.1
110°	612.0	534.0	502.1	479.8	455.0	433.1	410.7
120°	626.9	539.7	503.6	471.4	445.7	428.8	387.9
135°	694.5	571.0	523.0	489.3	454.9	422.6	354.9
150°	822.3	665.0	568.3	521.6	490.5	459.0	396.7
Run VMG	949.6	767.9	653.7	584.0	536.8	506.1	448.0
Selected Courses							
Windward / Leeward	964.8	798.2	713.6	665.5	635.7	618.0	582.8
Circular Random	831.6	684.1	607.6	564.0	536.5	516.7	486.3
Coastal / Long Distance	963.2	752.7	648.7	587.4	551.2	522.3	467.8
Non Spinnaker	941.0	757.2	658.7	601.8	566.8	543.4	511.6

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42.6°	41.3°	39.0°	37.6°	37.2°	37.4°	37.2°
Beat VMG	3.67	4.34	4.65	4.82	4.90	4.93	5.02
52°	5.60	6.38	6.61	6.72	6.80	6.84	6.94
60°	5.94	6.59	6.80	6.91	6.99	7.05	7.14
75°	6.23	6.76	7.03	7.21	7.33	7.44	7.57
90°	6.24	6.78	7.09	7.40	7.66	7.84	8.12
110°	5.88	6.74	7.17	7.50	7.91	8.31	8.77
120°	5.74	6.67	7.15	7.64	8.08	8.39	9.28
135°	5.18	6.30	6.88	7.36	7.91	8.52	10.14
150°	4.38	5.41	6.33	6.90	7.34	7.84	9.07
Run VMG	3.79	4.69	5.51	6.16	6.71	7.11	8.04
Gybe Angles	140.5°	149.0°	152.1°	161.4°	180.0°	180.0°	180.0°