



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

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



Certificate

Number **011/16**
Issued On **22.4.2016.**
ORC Ref **HUN00062653**
VPP Ver. **2016 1.01**
Valid until **31.12.2016.**

Crew Weight

Declared **400kg**
Default* **522kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **682.2 0.8795**
Non Spin OSN **662.0 0.9064**
N/S Perf. Line **22.0 0.591**

Sails Limitations

Headsails **6** Spinnakers **3**

Spinnaker configuration

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

Class Division Length

CDL = **8.119**

Stability

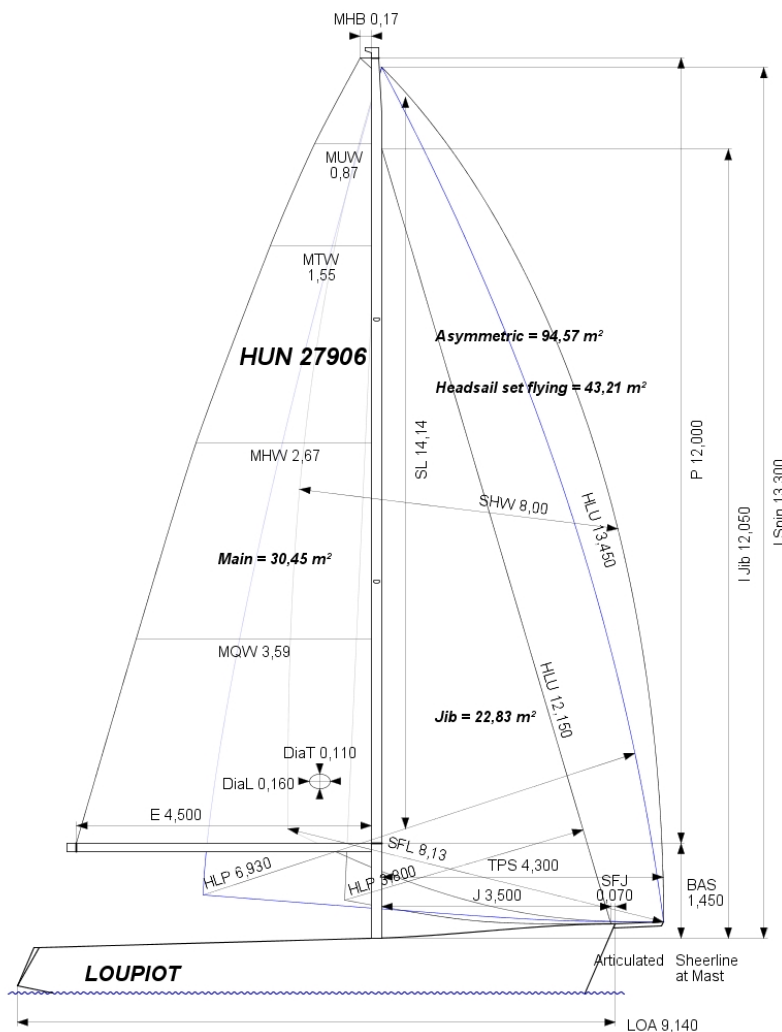
LPS (Estimated): **117.0°**
Stability Index: **113.5**
OSR Category: **N/A**

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		630.0		Data File HUN27906.dxt	LOA 9.140m		
				Offset File J92S.OFF	MB 3.050m		
				Displacement 2,915kg	Draft 1.933m		
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.025%		
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 7.871m	VCGM -0.147m	WS 17.83m2	
COMMENTS				LSM0 8.242m	Displacement/Length ratio 5.2064		
				Water Ballast 0	Trim Tab No		
PROPELLER				CENTERBOARD			
Installation Strut	PRD 0.360			N/A			
Type Folding 2 blades	PBW 0.100						
	PIPA 0.0034						
SCORING OPTIONS							
	OFFSHORE			INSHORE			
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	617.5			689.4			
Time On Time	0.9717			0.9791			
Performance Line	PLT	PLD		PLT	PLD		
	0.703	65.0		0.960	295.8		
Triple Number	Low	Medium	High	Low	Medium	High	
	0.9600	1.1946	1.3396	0.7368	0.9736	1.1132	



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ORC Club Certificate Appendix

BOAT	
Name	Loupiot
Sail Nr	HUN 27906
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1051.1	876.2	796.2	752.7	731.5	720.4	707.0
52°	674.5	573.3	544.7	532.4	524.1	519.3	511.9
60°	623.7	548.1	527.0	515.8	507.9	501.8	494.9
75°	579.6	528.6	505.2	490.3	480.4	471.7	462.4
90°	573.6	527.9	502.1	478.0	459.1	449.0	433.0
110°	613.5	534.5	500.8	479.1	454.6	431.8	403.2
120°	630.6	542.2	505.6	471.1	446.0	429.5	386.9
135°	697.5	575.4	526.2	493.7	459.9	426.6	357.7
150°	833.2	671.5	572.4	524.8	494.7	463.5	401.3
Run VMG	962.1	775.4	658.6	586.9	538.8	508.5	451.0

Selected Courses							
Windward / Leeward	1006.6	825.8	727.4	669.8	635.1	614.5	579.0
Circular Random	849.7	694.6	612.9	565.3	535.0	513.4	481.2
Ocean for PCS	1049.7	818.4	689.0	609.9	557.5	519.5	462.6
Non Spinnaker	949.9	762.6	661.3	601.8	564.7	539.8	506.3

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	44.3°	43.5°	41.1°	38.7°	37.8°	37.3°	37.0°
Beat VMG	3.42	4.11	4.52	4.78	4.92	5.00	5.09
52°	5.34	6.28	6.61	6.76	6.87	6.93	7.03
60°	5.77	6.57	6.83	6.98	7.09	7.17	7.27
75°	6.21	6.81	7.13	7.34	7.49	7.63	7.79
90°	6.28	6.82	7.17	7.53	7.84	8.02	8.31
110°	5.87	6.74	7.19	7.51	7.92	8.34	8.93
120°	5.71	6.64	7.12	7.64	8.07	8.38	9.30
135°	5.16	6.26	6.84	7.29	7.83	8.44	10.06
150°	4.32	5.36	6.29	6.86	7.28	7.77	8.97
Run VMG	3.74	4.64	5.47	6.13	6.68	7.08	7.98
Gybe Angles	139.9°	149.1°	152.1°	161.7°	180.0°	180.0°	180.0°