

BOAT Name Hall Pass Sail Nr USA 2609	GPH 600.0	HULL Length Overall 7.900m Maximum Beam 2.554m Displacement 1,128kg Draft 1.903m IMS Reg. Division Sportboat Dynamic Allowance 0.000% Fwd Accommodation No Hull Construction Cored Carbon Rudder Yes Crew Arm Extension
GENERAL Class GP 26 Mod Designer Jim Donavon Builder Mag Marin Istanbul Series 01/2011 Age 01/2015 Age Allowance 0.195% Offset File w racegp26.off - 27/04/2013 16:35:56 Measurement by DAVIS - 01/12/2015		IMSL 7.879m VCGD -0.232m Sink 9.85kg/mm RL 7.964m VCGM -0.238m WS 12.69m² LSM0 7.527m Displacement/Length ratio 2.6451



World Leader in Rating Technology

2017
ORC International
Certificate

Rating Office

Offshore
Racing
Congress



World Leader In Rating Technology

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	584.7			662.9		
Time On Time	1.0262			1.0183		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	680.4	537.2	461.1	877.2	673.9	569.6
Time on Time	0.9921	1.2564	1.4638	0.7695	1.0017	1.1851

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1028.1	840.6	771.6	748.3	736.7	726.2	723.4
52°	666.7	565.5	537.9	526.4	519.5	509.1	499.4
60°	623.4	546.9	516.3	500.8	491.5	480.4	466.4
75°	591.8	531.9	484.1	458.7	445.5	437.3	413.6
90°	585.8	530.5	482.8	431.7	406.2	392.8	377.9
110°	577.6	505.5	465.2	432.1	403.0	377.2	325.8
120°	590.4	513.9	450.4	416.4	388.5	359.0	316.0
135°	665.7	548.8	486.5	426.2	368.3	324.3	284.6
150°	792.3	628.2	547.4	491.5	436.6	380.5	278.4
Run VMG	914.8	725.4	633.4	567.6	504.1	439.4	321.4

Selected Courses							
Windward / Leeward	971.5	783.0	702.5	657.9	620.4	582.8	522.4
Circular Random	820.9	666.9	583.7	533.2	498.4	471.7	430.3
Ocean for PCS	1009.4	783.5	655.6	574.5	517.0	472.3	403.6
Non Spinnaker	895.4	720.5	625.4	568.3	530.6	503.1	462.8

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	43.6°	42.3°	39.3°	38.6°	38.1°	37.8°	38.3°
Beat VMG	3.50	4.28	4.67	4.81	4.89	4.96	4.98
52°	5.40	6.37	6.69	6.84	6.93	7.07	7.21
60°	5.78	6.58	6.97	7.19	7.33	7.49	7.72
75°	6.08	6.77	7.44	7.85	8.08	8.23	8.70
90°	6.15	6.79	7.46	8.34	8.86	9.17	9.53
110°	6.23	7.12	7.74	8.33	8.93	9.54	11.05
120°	6.10	7.01	7.99	8.65	9.27	10.03	11.39
135°	5.41	6.56	7.40	8.45	9.78	11.10	12.65
150°	4.54	5.73	6.58	7.32	8.25	9.46	12.93
Run VMG	3.94	4.96	5.68	6.34	7.14	8.19	11.20
Gybe Angles	143.1°	146.9°	151.6°	148.4°	145.3°	138.2°	145.1°

Certificate

Number **US6101**
ORC Ref **USA00001142**
Issued On **16/10/2017**
VPP Ver. **2017 1.00**
Valid until **28/02/2018**

Crew Weight

Declared **459kg**
Default* **459kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	644.4	0.9311
Non Spin OSN	627.9	0.9555

Sails Limitations

Headsails	Spinnakers
5	3

Class Division Length

CDL = **7.922**

Storm Sails Areas

Heavy Weather Jib	11.63
Storm Jib (JL=6.03)	4.31
Storm Trysail	6.62

Owner

BOAT	
Name Hall Pass	Sail Nr USA2609
File US6101A	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 24/05/2017		SG 1.0070	
FFM 0.912	FF 0.915	SFFP 0.500	
FAM 0.753	FA 0.754	SAFP 7.895	
W1 22.3	PD1 558.0	WD 10.010	
W2 22.3	PD2 556.0	GSA 1.0	
W3 22.3	PD3 553.0	RSA 1.0	
W4 22.3	PD4 559.0	PLM 9000.0	
LCF from stem on CL / on sheer		4.360 / 4.515	
Maximum beam station from stem		5.854	
RM Measured		31.6kg·m	
RM Default		33.0kg·m	
Limit of positive stability / Stab.Index		121.1° / 113.4	
Freeboard at mast at 3.085		0.856	

RIG			
Forestay Tension Aft	Spreaders 1		
Inner Stay None Fitted	Runners 0		
Carbon Mast Yes	Jumper Struts None		
Taper Hollows No	Jib Furler No		
Fiber Rigging No	Main Furler No		
Lenticular Rigging No	Without Backstay No		
Articulated Bowsprit No			
P 9.900	E 3.820	MDT1 0.075	MW 0.115
IG 9.250	J 2.899	MDL1 0.137	GO 0.125
ISP 11.150	SFJ 0.186	MDT2 0.056	BD
BAS 1.310	SPL 0.000	MDL2 0.110	MWT 42.30
FSP 0.032	TPS 4.840	TL 1.900	MCG 3.615

MIZZEN RIG AND SAILS	
N/A	

PROPELLER	
Type No Propeller	

COMMENTS	
MEMBER 194499K	
FULL MSMT	
NO ADJ FORESTAY	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	1.350	1.54	2.11	2.86	3.40	26.88	27.93	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric	SLU	SLE	SL	SHW	SFL	81.87		AS · (SFL + 4·SHW) / 6	
	13.27	11.69	12.48	7.91	7.72				

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.04	0.53	1.00	1.79	2.58	3.25	9.42	16.41	Y	N		Carbon	Light/Medium



World Leader in Rating Technology

2017

IMS Measurement Certificate

Certificate

Number **US6101**
 ORC Ref **USA00001142**
 Issued On **16/10/2017**
 VPP Ver. **2017 1.00**
 Valid until **28/02/2018**

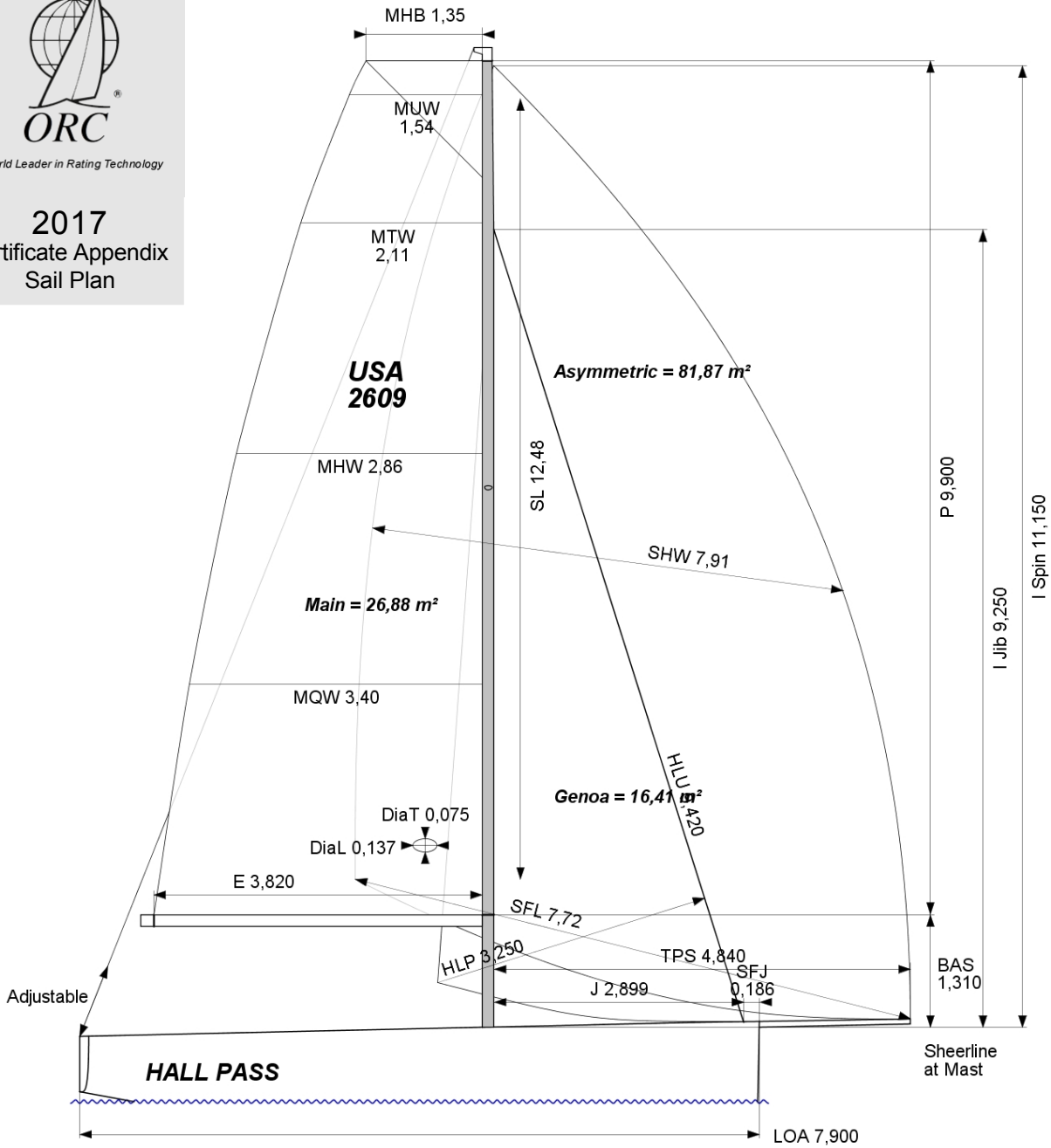


World Leader In Rating Technology



World Leader in Rating Technology

2017
Certificate Appendix
Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
113455	1.350	1.54	2.11	2.86	3.40	26.88				Unknown	

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
98667	0.04	0.53	1.00	1.79	2.58	3.25	9.42	112%	16.41	Y	N				Carbon	Light/Medium

SYMMETRIC SPINNAKERS (0)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
----	-----	-----	----	-----	-----	------	----------	-----------	-------------	----------	---------

ASYMMETRIC SPINNAKERS (2)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
98670	13.27	11.69	12.48	7.91	7.72	81.87	asym				Nylon	A2
98671	11.89	10.58	11.23	5.65	7.52	56.40	asym				Unknown	Code Zero, 75%