

<b>BOAT</b> Name <b>JEROBOAM</b> Sail Nr <b>USA 61017</b>	<b>GPH</b> <b>504.7</b>	<b>HULL</b> Length Overall <b>12.200m</b> Maximum Beam <b>3.414m</b> Displacement <b>4,053kg</b> Draft <b>2.896m</b> IMS Reg. Division <b>Performance</b> Dynamic Allowance <b>0.001%</b> Fwd Accommodation <b>No</b> Hull Construction <b>Carbon, Light Stanch.</b> Carbon Rudder <b>Yes</b> Crew Arm Extension IMSL <b>11.818m</b> VCGD <b>-0.640m</b> Sink <b>20.64kg/mm</b> RL <b>11.756m</b> VCGM <b>-0.637m</b> WS <b>26.91m<sup>2</sup></b> LSM0 <b>11.376m</b> Displacement/Length ratio <b>2.7530</b>
<b>GENERAL</b> Class <b>FARR 400</b> Designer <b>FARR</b> Builder <b>PREMIER COMPOSITE</b> Series <b>03/2011</b> Age <b>06/2012</b> Age Allowance <b>0.260%</b> Offset File <b>FARR400d.off - 07/06/2018 17:30:20</b> Measurement by - <b>28/03/2017</b>		



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>493.0</b>			<b>554.6</b>		
Time on Time	<b>1.2172</b>			<b>1.2171</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>565.8</b>	<b>453.2</b>	<b>394.6</b>	<b>729.5</b>	<b>562.8</b>	<b>480.5</b>
Time on Time	<b>1.1930</b>	<b>1.4895</b>	<b>1.7105</b>	<b>0.9253</b>	<b>1.1994</b>	<b>1.4049</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>819.9</b>	<b>678.9</b>	<b>634.5</b>	<b>615.9</b>	<b>598.6</b>	<b>588.4</b>	<b>586.0</b>
52°	<b>536.1</b>	<b>461.8</b>	<b>444.5</b>	<b>436.4</b>	<b>430.4</b>	<b>421.4</b>	<b>416.2</b>
60°	<b>504.8</b>	<b>447.0</b>	<b>429.7</b>	<b>420.1</b>	<b>413.9</b>	<b>402.8</b>	<b>394.5</b>
75°	<b>484.0</b>	<b>435.2</b>	<b>407.4</b>	<b>392.0</b>	<b>382.8</b>	<b>376.9</b>	<b>358.9</b>
90°	<b>488.6</b>	<b>437.9</b>	<b>402.2</b>	<b>373.4</b>	<b>357.2</b>	<b>347.0</b>	<b>333.8</b>
110°	<b>495.7</b>	<b>432.3</b>	<b>405.5</b>	<b>381.2</b>	<b>358.2</b>	<b>329.7</b>	<b>290.3</b>
120°	<b>510.6</b>	<b>434.9</b>	<b>394.2</b>	<b>370.1</b>	<b>348.2</b>	<b>324.1</b>	<b>286.3</b>
135°	<b>573.1</b>	<b>459.2</b>	<b>414.0</b>	<b>368.7</b>	<b>327.9</b>	<b>302.4</b>	<b>266.0</b>
150°	<b>687.2</b>	<b>541.9</b>	<b>465.1</b>	<b>417.4</b>	<b>380.3</b>	<b>338.4</b>	<b>264.5</b>
Run VMG	<b>793.5</b>	<b>625.7</b>	<b>537.1</b>	<b>484.8</b>	<b>439.1</b>	<b>390.8</b>	<b>305.4</b>

**Certificate**  
Number **US6196**  
ORC Ref **USAX02CB8S1**  
Issued On **15/07/2019**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**  
Default 827kg  
Maximum **748kg**  
Minimum\* **561kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD	ToT
Non Spin GPH <b>542.9</b>	<b>1.1052</b>
Non Spin OSN <b>531.7</b>	<b>1.1285</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>806.7</b>	<b>652.3</b>	<b>585.8</b>	<b>550.3</b>	<b>518.8</b>	<b>489.6</b>	<b>445.7</b>
Circular Random	<b>685.5</b>	<b>558.6</b>	<b>491.1</b>	<b>450.9</b>	<b>423.7</b>	<b>403.1</b>	<b>371.5</b>
Coastal / Long Distance	<b>805.4</b>	<b>614.9</b>	<b>528.8</b>	<b>476.0</b>	<b>439.6</b>	<b>405.0</b>	<b>352.6</b>
Non Spinnaker	<b>752.1</b>	<b>606.3</b>	<b>527.2</b>	<b>479.6</b>	<b>448.3</b>	<b>425.9</b>	<b>394.0</b>

**Sails Limitations**

Headsails	Spinnakers
<b>7</b>	<b>5</b>

<b>Velocity Prediction in Knots for True Wind Speeds</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>42.8°</b>	<b>40.8°</b>	<b>38.7°</b>	<b>38.0°</b>	<b>37.2°</b>	<b>36.7°</b>	<b>37.2°</b>
Beat VMG	<b>4.39</b>	<b>5.30</b>	<b>5.67</b>	<b>5.85</b>	<b>6.01</b>	<b>6.12</b>	<b>6.14</b>
52°	<b>6.72</b>	<b>7.80</b>	<b>8.10</b>	<b>8.25</b>	<b>8.36</b>	<b>8.54</b>	<b>8.65</b>
60°	<b>7.13</b>	<b>8.05</b>	<b>8.38</b>	<b>8.57</b>	<b>8.70</b>	<b>8.94</b>	<b>9.13</b>
75°	<b>7.44</b>	<b>8.27</b>	<b>8.84</b>	<b>9.18</b>	<b>9.40</b>	<b>9.55</b>	<b>10.03</b>
90°	<b>7.37</b>	<b>8.22</b>	<b>8.95</b>	<b>9.64</b>	<b>10.08</b>	<b>10.38</b>	<b>10.78</b>
110°	<b>7.26</b>	<b>8.33</b>	<b>8.88</b>	<b>9.44</b>	<b>10.05</b>	<b>10.92</b>	<b>12.40</b>
120°	<b>7.05</b>	<b>8.28</b>	<b>9.13</b>	<b>9.73</b>	<b>10.34</b>	<b>11.11</b>	<b>12.57</b>
135°	<b>6.28</b>	<b>7.84</b>	<b>8.70</b>	<b>9.76</b>	<b>10.98</b>	<b>11.90</b>	<b>13.54</b>
150°	<b>5.24</b>	<b>6.64</b>	<b>7.74</b>	<b>8.62</b>	<b>9.47</b>	<b>10.64</b>	<b>13.61</b>
Run VMG	<b>4.54</b>	<b>5.75</b>	<b>6.70</b>	<b>7.43</b>	<b>8.20</b>	<b>9.21</b>	<b>11.79</b>
Gybe Angles	<b>141.4°</b>	<b>143.6°</b>	<b>149.3°</b>	<b>151.5°</b>	<b>147.5°</b>	<b>145.3°</b>	<b>145.3°</b>

**Class Division Length**  
CDL = **11.788**

**Storm Sails Areas**  
Heavy Weather Jib **32.90**  
Storm Jib (JL=10.15) **12.19**  
Storm Triesail **16.36**

**Owner**

<b>BOAT</b>				
Name	JEROBOAM		Sail Nr	USA 61017
File	US6196		Data in	meters/kilograms
<b>RIG</b>				
Forestay Tension	Aft	Spreaders	2	
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	16.155	E	5.785	MDT1 0.124 MW 0.245
IG	15.575	J	4.472	MDL1 0.245 GO 0.255
ISP	17.880	SFJ	0.368	MDT2 0.093 BD 0.293
BAS	1.625	SPL	0.000	MDL2 0.130 MWT 171.00
FSP	0.072	TPS	6.857	TL 1.990 MCG 5.320

<b>INCLINING TEST AND FREEBOARDS</b>				
Inclining Test <b>Current Inclining</b>				
Flotation date 28/03/2017			SG 1.0070	
FFM	1.367	FF	1.376	SFFP 0.778
FAM	0.919	FA	0.919	SAFP 12.166
W1	82.4	PD1	561.0	WD 13.475
W2	82.4	PD2	559.1	GSA 1.0
W3	82.4	PD3	560.4	RSA 1.0
W4	82.4	PD4	559.9	PLM 9000.0
LCF from stem on CL / on sheer				6.734 / 7.015
Maximum beam station from stem				8.833
RM Measured				156.1kg-m
RM Default				152.8kg-m
Limit of positive stability / Stab.Index				141.0° / 138.9
Freeboard at mast at 4.840				1.314



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<b>MIZZEN RIG AND SAILS</b>				
N/A				

<b>PROPELLER</b>				
Installation	Strut	PRD	0.420	
Type	Folding 2 blades	PBW	0.106	
Twin Screw	No	PIPA	0.0040	
ST1	0.065	ST3	0.180	ST5 0.285
ST2	0.180	ST4	0.110	EDL 0.765

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<b>COMMENTS</b>				

<b>MOVABLE BALLAST</b>				
N/A				

<b>BILGEBOARD</b>				
BS		BT		BA
BF		BX		
BC		BY		



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<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	1.670	2.10	2.98	4.22	5.05	64.08	66.13	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric on centerline	SLU	SLE	SL	SHW	SFL				
	20.08	17.15	18.61	11.22	11.41	174.64		AS · (SFL + 4·SHW) / 6	

<b>HEADSAILS</b>												
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
0.11	0.67	1.26	2.32	3.33	4.38	15.82	36.03	Y	N			3Di L/M Jib

<b>MEASUREMENT INVENTORY</b>				
Measurer				
Date				
Comment				
Id	Item	Weight	Distance	VCG Description
a	Anchor	0.0	0.00	
Id	Item	Weight	Distance	VCG Description

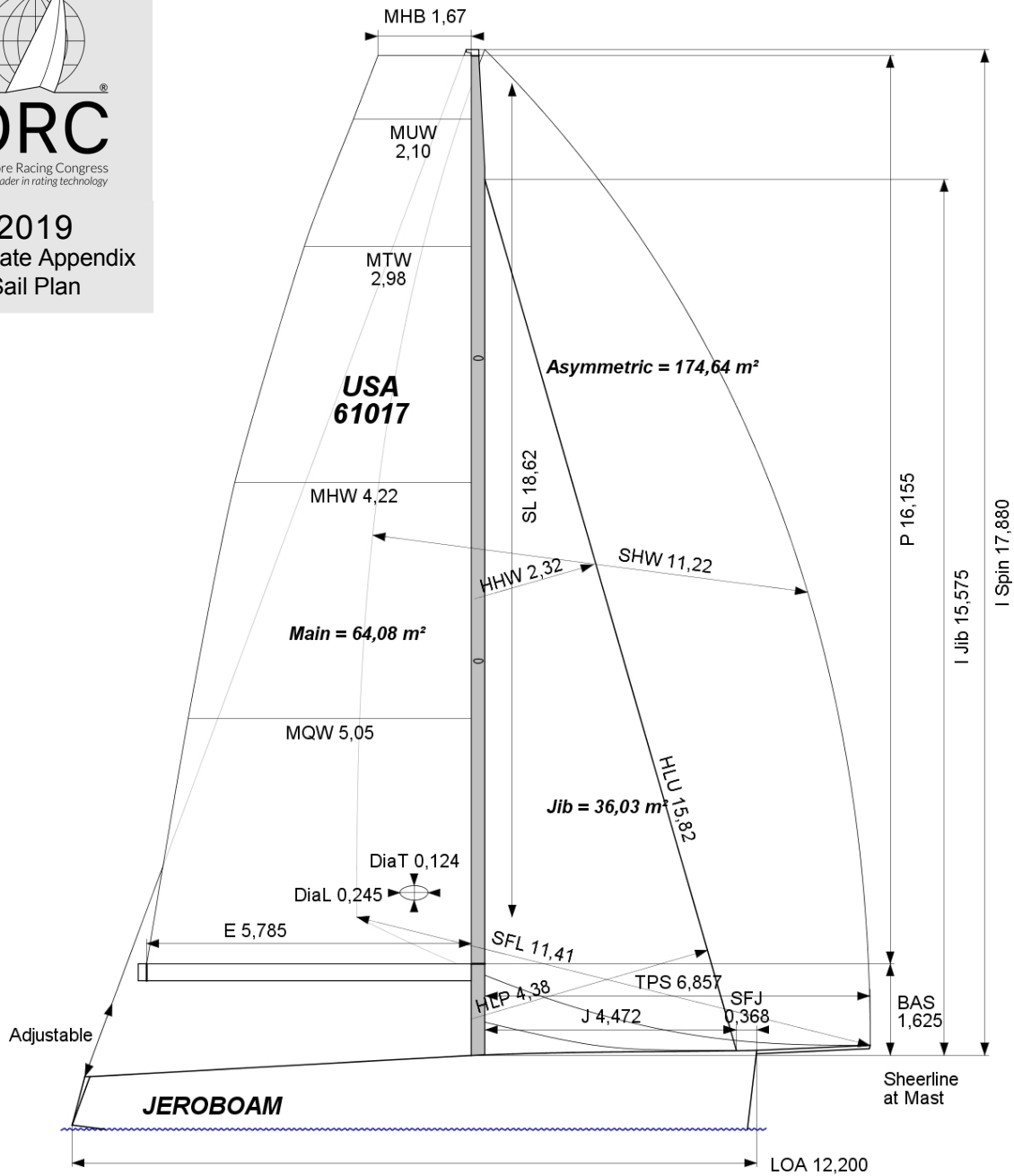
<b>MEASUREMENT INVENTORY</b>									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
	Tank					0.00	-0.10	15.0	
Id	Item	Weight	Distance	VCG Description					



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL (1)**

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1736867	1.67	2.10	2.98	4.22	5.05	64.08			North Sails		3Di Mainsail Offshore

**HEADSAILS (1)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1736884	0.11	0.67	1.26	2.32	3.33	4.38	15.82	98%	36.03	Y	N			north sails		3Di L/M Jib

**SYMMETRIC SPINNAKERS (0)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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**ASYMMETRIC SPINNAKERS (1)**

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
1736876	20.08	17.15	18.61	11.22	11.41	174.64	asym			STEVE		2018 A-2