

<b>BOAT</b> Name <b>JEROBOAM</b> Sail Nr <b>USA 61017</b>	<b>GPH</b> <b>504.3</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>11.810m</b> VCGM <b>-0.637m</b> WS <b>26.91m<sup>2</sup></b> LSM0 <b>11.377m</b> Displacement/Length ratio <b>2.7523</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>0.228%</b> Offset File <b>FARR400d.off - 18/04/2017 13:34:52</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>492.4</b>			<b>554.4</b>		
Time on Time	<b>1.2184</b>			<b>1.2175</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>565.7</b>	<b>452.5</b>	<b>394.2</b>	<b>729.4</b>	<b>562.1</b>	<b>480.5</b>
Time on Time	<b>1.1933</b>	<b>1.4917</b>	<b>1.7123</b>	<b>0.9254</b>	<b>1.2008</b>	<b>1.4048</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>818.2</b>	<b>677.4</b>	<b>633.1</b>	<b>614.5</b>	<b>597.2</b>	<b>586.9</b>	<b>584.0</b>
52°	<b>534.9</b>	<b>461.2</b>	<b>443.9</b>	<b>435.8</b>	<b>429.7</b>	<b>420.5</b>	<b>415.1</b>
60°	<b>503.8</b>	<b>446.5</b>	<b>429.1</b>	<b>419.5</b>	<b>413.2</b>	<b>402.0</b>	<b>393.4</b>
75°	<b>483.7</b>	<b>434.7</b>	<b>406.8</b>	<b>391.4</b>	<b>382.1</b>	<b>376.1</b>	<b>358.0</b>
90°	<b>490.0</b>	<b>437.6</b>	<b>401.7</b>	<b>372.9</b>	<b>356.6</b>	<b>346.3</b>	<b>332.9</b>
110°	<b>495.2</b>	<b>432.0</b>	<b>404.7</b>	<b>379.4</b>	<b>357.2</b>	<b>329.2</b>	<b>289.8</b>
120°	<b>510.9</b>	<b>434.6</b>	<b>393.9</b>	<b>368.7</b>	<b>345.8</b>	<b>323.0</b>	<b>285.8</b>
135°	<b>575.1</b>	<b>459.4</b>	<b>413.9</b>	<b>368.5</b>	<b>327.7</b>	<b>302.1</b>	<b>265.0</b>
150°	<b>688.8</b>	<b>542.8</b>	<b>465.4</b>	<b>417.1</b>	<b>380.2</b>	<b>340.8</b>	<b>266.3</b>
Run VMG	<b>795.4</b>	<b>626.7</b>	<b>537.4</b>	<b>484.7</b>	<b>439.0</b>	<b>393.5</b>	<b>307.4</b>

**Certificate**  
Number **US6196**  
ORC Ref **USAX017IDA3**  
Issued On **24/04/2018**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**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 **542.6 1.1058**  
Non Spin OSN **531.1 1.1297**

<b>Selected Courses</b>							
Windward / Leeward	<b>806.8</b>	<b>652.0</b>	<b>585.2</b>	<b>549.6</b>	<b>518.1</b>	<b>490.2</b>	<b>445.7</b>
Circular Random	<b>685.3</b>	<b>558.2</b>	<b>490.6</b>	<b>450.4</b>	<b>423.3</b>	<b>402.6</b>	<b>370.8</b>
Coastal / Long Distance	<b>805.7</b>	<b>614.7</b>	<b>528.3</b>	<b>475.1</b>	<b>438.6</b>	<b>404.8</b>	<b>352.2</b>
Non Spinnaker	<b>752.3</b>	<b>606.1</b>	<b>526.8</b>	<b>479.1</b>	<b>447.7</b>	<b>425.2</b>	<b>393.1</b>

**Sails Limitations**  
Headsails **7** Spinnakers **5**

<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>38.6°</b>	<b>37.9°</b>	<b>37.1°</b>	<b>36.6°</b>	<b>36.9°</b>
Beat VMG	<b>4.40</b>	<b>5.31</b>	<b>5.69</b>	<b>5.86</b>	<b>6.03</b>	<b>6.13</b>	<b>6.16</b>
52°	<b>6.73</b>	<b>7.81</b>	<b>8.11</b>	<b>8.26</b>	<b>8.38</b>	<b>8.56</b>	<b>8.67</b>
60°	<b>7.15</b>	<b>8.06</b>	<b>8.39</b>	<b>8.58</b>	<b>8.71</b>	<b>8.96</b>	<b>9.15</b>
75°	<b>7.44</b>	<b>8.28</b>	<b>8.85</b>	<b>9.20</b>	<b>9.42</b>	<b>9.57</b>	<b>10.06</b>
90°	<b>7.35</b>	<b>8.23</b>	<b>8.96</b>	<b>9.66</b>	<b>10.10</b>	<b>10.39</b>	<b>10.81</b>
110°	<b>7.27</b>	<b>8.33</b>	<b>8.90</b>	<b>9.49</b>	<b>10.08</b>	<b>10.94</b>	<b>12.42</b>
120°	<b>7.05</b>	<b>8.28</b>	<b>9.14</b>	<b>9.76</b>	<b>10.41</b>	<b>11.15</b>	<b>12.59</b>
135°	<b>6.26</b>	<b>7.84</b>	<b>8.70</b>	<b>9.77</b>	<b>10.98</b>	<b>11.92</b>	<b>13.58</b>
150°	<b>5.23</b>	<b>6.63</b>	<b>7.74</b>	<b>8.63</b>	<b>9.47</b>	<b>10.56</b>	<b>13.52</b>
Run VMG	<b>4.53</b>	<b>5.74</b>	<b>6.70</b>	<b>7.43</b>	<b>8.20</b>	<b>9.15</b>	<b>11.71</b>
Gybe Angles	<b>141.9°</b>	<b>143.8°</b>	<b>149.3°</b>	<b>151.7°</b>	<b>147.6°</b>	<b>145.0°</b>	<b>145.0°</b>

**Class Division Length**  
CDL = **11.815**

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

**Owner**

<b>BOAT</b>		
Name	JEROBOAM	Sail Nr
File	US6196	Data in
		USA 61017 meters/kilograms

<b>RIG</b>		
Forestay Tension	Aft	Spreaders
Inner Stay	None Fitted	Runners
Carbon Mast	Yes	Jumper Struts
Taper Hollows	No	Jib Furler
Fiber Rigging	No	Main Furler
Lenticular Rigging	No	Without Backstay
Articulated Bowsprit	No	
P	16.155	E
IG	15.575	J
ISP	17.880	SFJ
BAS	1.625	SPL
FSP	0.072	TPS
MDT1	0.124	MW
MDL1	0.245	GO
MDT2	0.093	BD
MDL2	0.130	MWT
TL	1.990	MCG
		2
		0
		None
		No
		No
		No
		0.245
		0.255
		0.293
		171.00
		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
FAM	0.919	FA
W1	82.4	PD1
W2	82.4	PD2
W3	82.4	PD3
W4	82.4	PD4
SFFP	0.778	SAFP
WD	13.475	GSA
	1.0	RSA
	1.0	PLM
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
Type	Folding 2 blades	PBW
Twin Screw	No	PIPA
ST1	0.065	ST3
ST2	0.180	ST4
		ST5
		EDL
		0.420
		0.106
		0.0040
		0.285
		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	Area	Formula		
	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	Description

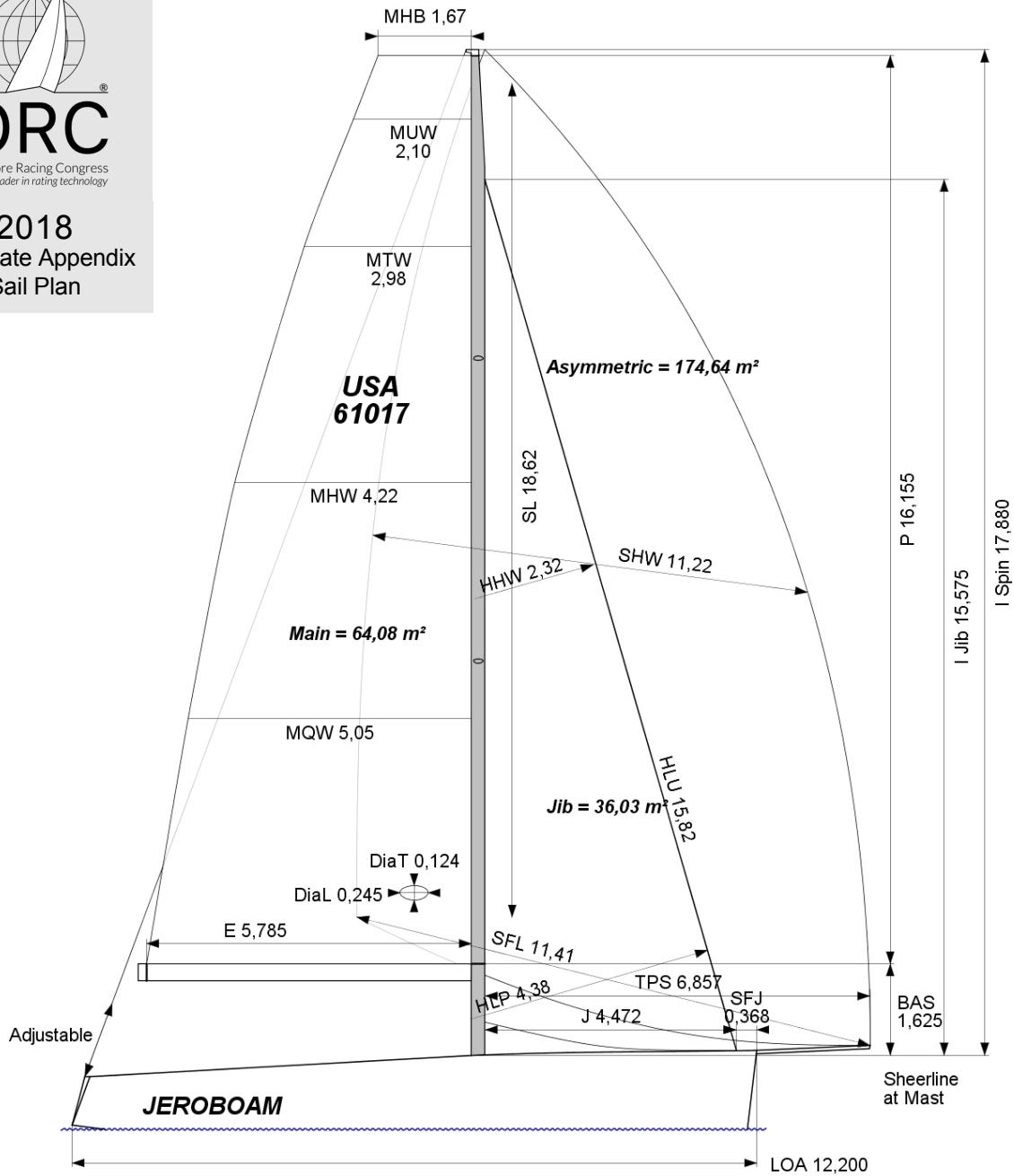
<b>MEASUREMENT INVENTORY</b>									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
	Tank					0.00	-0.10	15.0	
Id	Item	Weight	Distance	VCG Description					



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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					
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				