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**2019**  
**ORC Club**  
**Certificate**

**Rating Office**

**Offshore**  
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**Certificate**

Number **US6425**  
Issued On **07/06/2019**  
ORC Ref **USAX0296WH3**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 843kg  
Maximum **843kg**  
Minimum\* **632kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **Sheets**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>603.4</b>	<b>0.9944</b>
Non Spin OSN	<b>584.1</b>	<b>1.0273</b>

**Sails Limitations**

Headsails **6** Spinnakers **4**

**Asymmetric on centerline**

**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 169.88**  
Flying H/S: **No**  
Spin. Pole: **No**

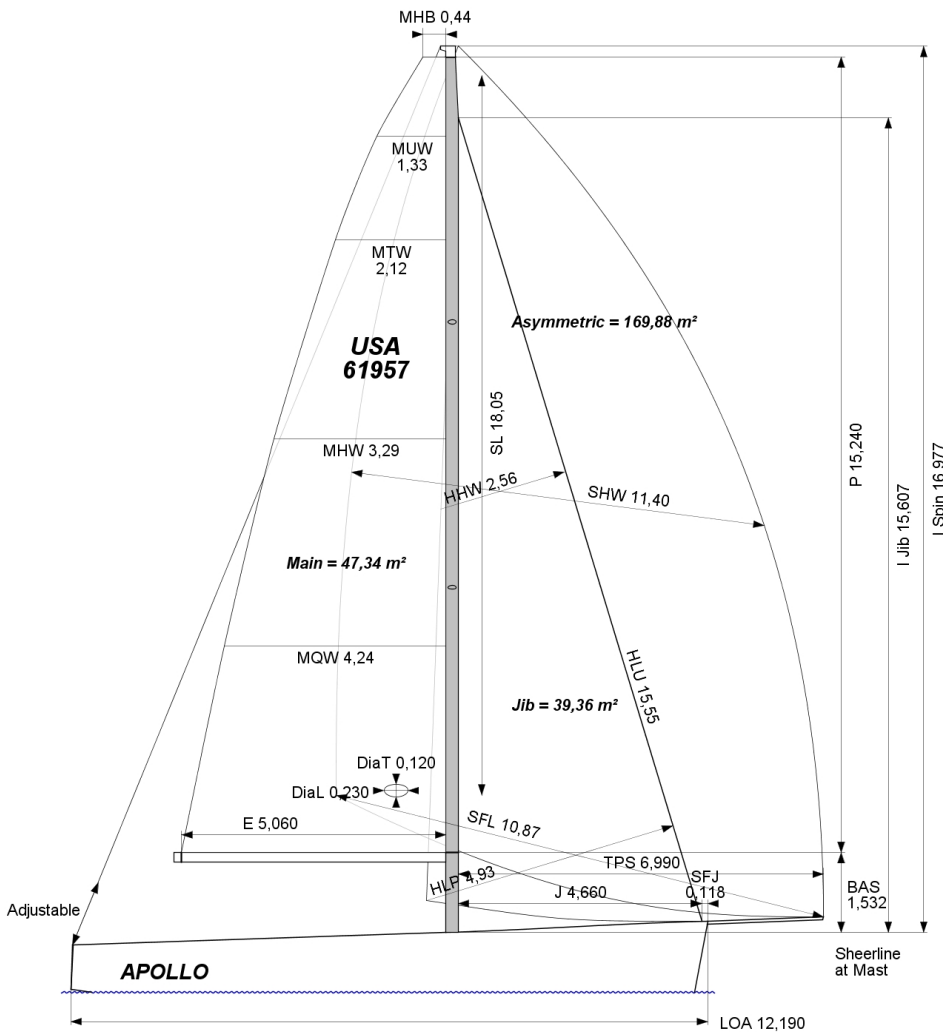
**Class Division Length**

**CDL = 11.435**

**Stability (Measured)**

Limit Positive Stab.: **112.8°**  
Stability Index: **114.7**

**Owner**



BOAT		GPH		HULL			
Name <b>APOLLO</b> Sail Nr <b>USA 61957</b>		<b>557.3</b>		Data File <b>US6425</b>	LOA <b>12.190m</b>		
				Offset File <b>J121A.OFF</b>	MB <b>3.746m</b>		
				Displacement <b>6,223kg</b>	Draft <b>2.371m</b>		
				IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.180%</b>		
				Fwd Accom. <b>Yes</b>	Construction <b>Cored</b>		
				Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
				Crew Arm Ex	Carbon Rudder <b>Yes</b>		
					Light Stanchions <b>No</b>		
				IMSL <b>11.764m</b>	VCGD <b>-0.053m</b>	Sink <b>24.13kg/mm</b>	
				RL <b>11.104m</b>	VCGM <b>-0.045m</b>	WS <b>31.19m<sup>2</sup></b>	
				LSM0 <b>11.525m</b>	Displacement/Length ratio <b>4.0652</b>		
				Keel Angle	Water Ballast <b>0</b>	Trim Tab <b>No</b>	
				List Angle <b>2.6</b>	BLR Index <b>1.0998</b>		
				<b>CENTERBOARD</b>			
				<b>NA</b>			
<b>CLASS</b>							
Class <b>J 121</b>							
Designer <b>JOHNSTONE</b>							
Builder <b>CCF COMPOSITES</b>							
Series <b>09/2017</b>							
Age Date <b>11/2017</b>							
Age Allowance <b>0.065%</b>							
<b>COMMENTS</b>							
<b>PROPELLER</b>							
Installation <b>Strut</b>		PRD <b>0.440</b>					
Type <b>Folding 2 blades</b>		PBW <b>0.115</b>					
		PIPA <b>0.0035</b>					
<b>SCORING OPTIONS</b>							
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>			
Time on Distance	<b>539.8</b>			<b>606.3</b>			
Time on Time	<b>1.1116</b>			<b>1.1133</b>			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	<b>646.1</b>	<b>491.4</b>	<b>433.2</b>	<b>839.4</b>	<b>606.3</b>	<b>525.9</b>	
Time on Time	<b>1.0448</b>	<b>1.3735</b>	<b>1.5583</b>	<b>0.8041</b>	<b>1.1134</b>	<b>1.2834</b>	