

## 2016 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2017, or upon change of ownership, whichever comes first.

**Certificate status:** Published

### Ratings

174	196
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Archer, James
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Apponaug Harbor YC

### Boat Measurements

<b>I:</b> 38.9	<b>J:</b> 11.8	<b>LOA:</b> 29.58
<b>P:</b> 33.7	<b>E:</b> 9.8	<b>LWL:</b> 23.08
<b>ISP:</b> 37	<b>SPL:</b> 11.8	<b>Draft:</b> Max 5.3
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 9.75	<b>Displacement:</b> 7275	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Masthead	
<b>Keel Weight:</b> 2772	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b>	<b>Spinnaker Type(s):</b> Symmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b>		

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Exposed Shaft	<b>Rudder:</b> Skeg
<b># of Blades:</b> 0	<b>Keel:</b> Fin Keel

### Yacht

<b>Yacht Name:</b> Helios	<b>Sail Number:</b> 11694
<b>Designer:</b> Peter Norlan	
<b>Manufacturer:</b> Scampi	<b>Model:</b> Scampi 30 Mk IV
<b>Hull Serial Number:</b> 7MSY0004M77G	<b>Date Manufactured:</b> 1977
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	150	<b>MHB</b>	
<b>Headsail 2</b>	95	<b>MUW</b>	
<b>Headsail 3</b>	155	<b>MTW</b>	
<b>Headsail 4</b>	0	<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	0	21.21	21.21	38.6	38.6
<b>Spin 2</b>	0	21	21.33	38.4	38.92
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:**

### Comments/Modifications

2010 - 'I' P Modin = -6 for I adjustment 2011: Has non-standard heavy mast (4X6-2.8 lbs vs 5X7.4-3.9 lbs) = +2 -- net Miscellaneous is -4 2013: Mast now 2.8 lb/ft -remove +2 credit;net is - 6

### Committee Use Only

PHRF #: 11390			
<b>Base Rating</b>	180	<b>Non-Spin Adj.</b>	22
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>		<b>Whisker Pole Adj.</b>	
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	-6
<b>Asym Adj.</b>		<b>Spin Pole Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
Katherine Rotsky	05/01/2016		