

## 2023 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2024, or upon change of ownership, whichever comes first.

**Certificate status: Renewed**

Ratings	
118	121
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	ROBERT BROOKS
<b>Address:</b>	<i>Privacy Protected</i>
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	Rhode Island Yacht Club

### Yacht

<b>Yacht Name:</b> Endless Summer	<b>Sail Number:</b> 80
<b>Designer:</b> Rob Humphreys	
<b>Manufacturer:</b> Elan	<b>Model:</b> ELAN 434 IMPRESSION
<b>Hull Serial Number:</b> SIELA43I80F607	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 52.17	<b>J:</b> 15.68	<b>LOA:</b> 44
<b>P:</b> 48.56	<b>E:</b> 17.62	<b>LWL:</b> 42.67
<b>ISP:</b> 52.17	<b>SPL:</b> 15.68	<b>Draft:</b> Max 6.25
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 13.75	<b>Displacement:</b> 24035	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 7230	<b>Keel Material:</b> Lead	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b> No	
<b>Mast Material:</b> Aluminum	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> bow		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	135	<b>MHB</b>	
<b>Headsail 2</b>		<b>MUW</b>	
<b>Headsail 3</b>		<b>MTW</b>	
<b>Headsail 4</b>		<b>MHW</b>	
		<b>MQW</b>	

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	21.19	25.85	26	53	48.5
<b>Spin 2</b>					
<b>Spin 3</b>					
<b>Code 0</b>					

**Headsail Credit:** Roller Furling

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Skeg
<b># of Blades:</b> 3	<b>Keel:</b> Fin Keel

### Comments/Modifications

2019- aftermarket Bow Thruster installed by New England Bow Thruster. No change to rating.  
Asym +7 minus distance forward -3= +4  
2020-Non spin base 19, Asym Area +2, Asym Install +7= +9  
2021- Spin measurements documented. Asym retrofit Area +4 plus Asym Retro Install +7=+1  
2022- No changes.  
2023- Asym Area +4 plus Asym Instal +12= +16

### Committee Use Only

PHRF #: 17274			
<b>Base Rating</b>	93	<b>Non-Spin Adj.</b>	19
<b>Genoa Spin Adj.</b>	6	<b>Genoa Non-Spin Adj.</b>	6
<b>Mainsail Adj.</b>	0	<b>Furling Adj.</b>	3
<b>Spin. Area Adj.</b>	16	<b>Whisker Pole Adj.</b>	0
<b>Prop. Adjustment</b>	0		
<b>Mast Adj.</b>	0	<b>Misc. Adj.</b>	0
<b>Committee Signature</b>	<b>Date</b>		
<i>Katherine Rotsky</i>	2023-04-21		