

## 2023 PHRF-NB Membership/Rating Certificate

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

**Certificate status: Published**

Ratings	
44	56
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Mike Toppa
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	New York Yacht Club

### Yacht

<b>Yacht Name:</b> Cavalino	<b>Sail Number:</b> US-2
<b>Designer:</b> Stephens, Waring & White	
<b>Manufacturer:</b> Brooklin Boat Yard	<b>Model:</b> W-37
<b>Hull Serial Number:</b> 1	<b>Date Manufactured:</b> 2010
<b>Other Ratings:</b>	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 42.75	<b>J:</b> 11.33	<b>LOA:</b> 37
<b>P:</b> 49	<b>E:</b> 17.5	<b>LWL:</b> 33.25
<b>ISP:</b> 54.25	<b>SPL:</b> 0	<b>Draft:</b> Max 8
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 11.75	<b>Displacement:</b> 9557	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 3286	<b>Keel Material:</b> Steel fin, lead bulb	
<b>Composite Rigging:</b> no	<b>Other Ballast:</b>	
<b>Mast Material:</b> Carbon	<b>Spinnaker Type(s):</b> Asymmetrical	
<b>Asymmetrical Spinnaker Tacked To:</b> fsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	117	<b>MHB</b>	0.27
<b>Headsail 2</b>	116.7	<b>MUW</b>	6.29
<b>Headsail 3</b>		<b>MTW</b>	1031
<b>Headsail 4</b>		<b>MHW</b>	14.37
		<b>MQW</b>	16.37

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>					
<b>Spin 2</b>	18.4	26.1	27.5	57.0	48.5
<b>Spin 3</b>	18.4	32.97	31.10	59.55	50.16
<b>Code 0</b>					

**Headsail Credit:** n/a

### Variables

<b>Engine:</b> Inboard	<b>Prop. Type:</b> Folding
<b>Prop. Install:</b> Sail Drive	<b>Rudder:</b> Spade
<b># of Blades:</b> 2	<b>Keel:</b> Fin Keel

### Comments/Modifications

2010 - JC (to fitting on bowsprit) is 18.4. Certificate is PROVISIONAL at this time.  
2019 - penalty code0 - minus 7. No credit for furler. Converted square top main to a more traditional cut main. Credit +2. Revision #1 Removed Code Zero from sail inventory .  
2020- Fathead main trimmed down +2. Asym area over sized 19%, -4.  
2022- No changes.  
2023- Main +2, Asym Factory -2, revised spin inventory no adj.

### Committee Use Only

PHRF #: 17536			
<b>Base Rating</b>	42	<b>Non-Spin Adj.</b>	12
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	2	<b>Furling Adj.</b>	0
<b>Spin. Area Adj.</b>	0	<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>		
Katherine Rotsky	2023-05-23		