

## 2024 PHRF-NB Membership/Rating Certificate

This certificate expires on April 30, 2025, or upon change of ownership, whichever comes first.

**Certificate status:** Published

Ratings	
97	115
Spinnaker	Non-Spinnaker

### Administrative Data

<b>Name:</b>	Helme, Ernest
<b>Address:</b>	Privacy Protected
<b>Email:</b>	
<b>Primary Phone:</b>	
<b>Secondary Phone:</b>	
<b>Yacht Club:</b>	CHNYC

### Yacht

<b>Yacht Name:</b> Spirit	<b>Sail Number:</b> 56
<b>Designer:</b> Johnstone	
<b>Manufacturer:</b> J Boats	<b>Model:</b> J-92S
<b>Hull Serial Number:</b> 56	<b>Date Manufactured:</b> 2007
<b>Other Ratings:</b> PHRF NB 96	<b>Date Last Rated:</b>

### Boat Measurements

<b>I:</b> 40.67	<b>J:</b> 11.44	<b>LOA:</b> 30
<b>P:</b> 39	<b>E:</b> 13.9	<b>LWL:</b> 26.7
<b>ISP:</b> 44.08	<b>SPL:</b> 0	<b>Draft:</b> Max 6.24
<b>Py:</b>	<b>Ey:</b>	
<b>Beam:</b> 10	<b>Displacement:</b> 5610	
<b>Rig Type:</b> Sloop	<b>Rig:</b> Fractional	
<b>Keel Weight:</b> 2317	<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> rsprit		

### Sails

Headsails to be used (LP%)		Mainsail Measurements	
<b>Headsail 1</b>	110	<b>MHB</b>	0.489
<b>Headsail 2</b>	110	<b>MUW</b>	2.9
<b>Headsail 3</b>		<b>MTW</b>	5.25
<b>Headsail 4</b>		<b>MHW</b>	8.854
		<b>MQW</b>	11.615

### Spinnakers to be used

Spin #	JC	SMG	Foot	Luff	Leech
<b>Spin 1</b>	16.44	23.35	25.98	49.63	40.54
<b>Spin 2</b>	16.44	22.37	25.94	48.42	39.83
<b>Spin 3</b>	16.44	24.1	26.2	50.5	40.48
<b>Code 0</b>	16.44	20.41	26.66	44.58	40.83

**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

2024-Undersized main +1.

### Committee Use Only

PHRF #: 17995			
<b>Base Rating</b>	96	<b>Non-Spin Adj.</b>	18
<b>Genoa Spin Adj.</b>	0	<b>Genoa Non-Spin Adj.</b>	0
<b>Mainsail Adj.</b>	1	<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	2024-04-10		