



**DUCK ISLAND YACHT CLUB ANNUAL PHRF  
2026 CERTIFICATE  
DATE ISSUED 4/19/2026  
EXPIRES DECEMBER 31, 2026**

<b>FINAL RATING: W/L SPINN</b>	<b>90</b>	<b>R/L SPINN</b>	<b>80</b>	<b>NON-SPINN</b>	<b>102</b>
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Please complete in FEET AND .01 FOOT -- THERE IS NO CHARGE FOR ANNUAL PHRF CERTIFICATES

- COPY THIS FORM TO YOUR COMPUTER FROM THE WEBSITE BEFORE MAKING ANY ENTRIES.
- When completed, save as DIYCboatname26.xls (ex.DIYCSnowbird26.xls) and e-mail as an attachment to;  
pvm461@yahoo.com                      1 METER = 3.280833 FEET

Submission of sail measurement certificates is required if you aquired a new (or different) rated sail ( main sail, largest jib, Free flying headsail, largest spinnaker AND CODE ZERO SPINN), since your LAST DIYC or PHRF certificate was issued. This can obtained from your sailmaker and forwarded to DIYC handicapper Paul von Maffei Any questions, call Paul von Maffei - 203-314-7551

If this is a new boat design please attach profile/plan/sailplan drawings (jpg or pdf).  
Please name the file **boatname.jpg** (or pdf) (ex. **Snowbird.jpg**) when you e-mail it to me, thank you.

**GENERAL INFORMATION**

<b>BOAT NAME</b>	Slingshot		<b>SAIL NO.</b>	747
<b>MODEL</b>	Melges 24 ONE DESIGN		<b>DATE BUILT</b>	Jul-26
<b>BUILDER</b>	Melges Performance Sailing		<b>HULL NO.</b>	747
<b>DESIGNER</b>	Reichel Puch	<b>ONE DESIGN CLASS</b>		
<b>OWNER'S NAME</b>	Evan Cooper			
<b>ADDRESS</b>	2 Gurley Road			
<b>CITY, STATE, ZIP CODE</b>	E. Lyme, CT 06333			
<b>YACHT CLUB</b>	Duck Island YC			
<b>EVENING PHONE #</b>		<b>CELLPHONE</b>	860-460-5390	
<b>DAYTIME PHONE #</b>		<b>FAX</b>		
<b>E-MAIL ADDRESS</b>	<a href="mailto:evan.cooper@pfizer.com">evan.cooper@pfizer.com</a>			
<b>ANY PREVIOUS HANDICAP #</b>	<b>REGION</b>	2025 DIYC	<b>PHRF #/DATE</b>	2025
<b>PREVIOUS ECSA PHRF #</b>		<b>PREVIOUS DIYC PHRF#</b>		
<b>ECSA MEMBER ?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>US SAILING MEMBER # (IF YOU ARE A MEMBER)</b>		

From time to time we may make owners' names and addresses available to parties wishing to circulate information on yachting related subjects. If you DO NOT wish to receive such information, please check here:

**General BOAT Dimensions**

**Please describe your boat. Check appropriate description with "X".**

<b>Propeller:</b>	<b>Exposed:</b>		<b>In Aperture:</b>		<b>Retracted:</b>	<b>x</b>
<b>Propeller Type</b>	<b>Fold/feath:</b>		<b>Autoprop:</b>		<b>Solid:</b>	<b>x</b>
<b># of Blades</b>	<b>Two:</b>		<b>Three:</b>	<b>x</b>	<b>Four:</b>	
<b>Keel Material:</b>	<b>Lead:</b>	<b>x</b>	<b>Iron:</b>		<b>Other:</b>	
<b>Rudder type:</b>	<b>Attached:</b>		<b>Spade</b>	<b>x</b>	<b>Skeg:</b>	
<b>Engine:</b>	<b>Inboard:</b>		<b>Outboard:</b>	<b>x</b>	<b>None:</b>	
<b>Keel Type:</b>	<b>Fin:</b>	<b>x</b>	<b>Full:</b>		<b>K/C Board:</b>	
<b>Mast Material:</b>	<b>Aluminum:</b>		<b>Wood:</b>		<b>Crb-Fiber:</b>	<b>x</b>
<b>Spinnaker Pole:</b>	<b>None:</b>		<b>Traditional:</b>		<b>Sprit:</b>	<b>x</b>

Do you want a Spinnaker Handicap  Yes  No

**MUST HAVE A SPINNAKER FOR YES ANSWER**

Do you want a Double Handed Canvas Handicap  Yes  No

Unless standard for a class, unpenalized mainsail girth shall be limited as follows:

- MGT (7/8 leech) shall not exceed .22E
- MGU (3/4 leech) shall not exceed .38E
- MGM (1/2 leech) shall not exceed .65E
- MGL (1/4 leech) shall not exceed .87 E

Headboard shall not exceed the greater of 0.04E or 0.5 feet

Mainsails exceeding these dimensions must be declared, and will be penalized on an individual basis. Do your mainsail Girth dimensions exceed limits stated above and or exceed your class mainsail

Girths?  Yes  No

If yes, Please provide mainsail dimension below.

MGT	<input type="text"/>	MGU	<input type="text"/>
MGM	<input type="text"/>	MGL	<input type="text"/>

**RIG AND SAIL DIMENSIONS**

Overall hull length	LOA	24.00	DRAFT	5.00
Foretriangle base	I	27.85	BALLAST	630.00
Boat J dimension	J	7.95	WPL	0.00
Boat P dimension main hoist	P	28.90	TPS	12.00
Banded main foot length E	E	12.45	PY	0.00
Displacement in pounds	Disp.	18	EY	0
Length waterline	LWL	22.00	SPL	n/a
Maximum beam	Beam	8.20	ISP	27.85

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

LARGEST SYMMETRIC SPINNAKER	GIRTH:	<input type="text"/>	SAIL LUFF:	<input type="text"/>
AREA SQUARE FEET			SAIL FOOT:	<input type="text"/>
LARGEST ASYMMETRIC SPINNAKER	AMG:	19.22	SLU:	37.58
AREA SQUARE FEET	SLE:	33.25	ASF:	x

DO YOU HAVE A CODE-ZERO SPINNAKER  Yes  No

If yes, ENTER to .01 foot

AMG:	<input type="text"/>	SLU:	<input type="text"/>
SLE:	<input type="text"/>	ASF:	<input type="text"/>

DO YOU HAVE A FREE FLYING HEADSAIL  Yes  No

LP	<input type="text"/>	AMG:	<input type="text"/>	SLU:	<input type="text"/>
		SLE:	<input type="text"/>	ASF:	<input type="text"/>

- IS YOUR ONLY SPINNAKER AN ASYMMETRICAL,
  - FLOWN ONLY FROM THE JIB TACK (NEVER A POLE)  N/A  Yes  No
  - FLOWN ONLY FROM STANDARD SPINNAKER POLE  N/A  Yes  No
  - FLOWN ONLY FROM SPRIT  N/A  Yes  No

**NOTE; ROLLER FURLING DEFINITIONS ARE IN DIYC 2026 PHRF REGULATIONS.**

- When sailing in non-Spinnaker class will you ALWAYS use a headsail roller-furler?  Yes  No
- When sailing in Spinnaker class will you ALWAYS use a headsail roller furler?  Yes  No

**RECREATIONAL CREDITS READ DIYC 2026 PHRF REGULATIONS**

- Does your Roller Furling Headsail meet requirements for Recreational credit?  Yes  No
- Does your Roller Furling Mainsail meet requirements for Recreational credit?  Yes  No
- Is your furling mainsail an in-mast or in boom system? **IN MAST**  Yes **IN BOOM**  Yes
- IN BOOM - +3, IN MAST - +12, IN HEADSAIL - +6 FOR CANVAS CLASS ONLY**

**FOIL DATA**

ORC CERTIFICATE  Yes ORR RATING CERTIFICATE  Yes DATE:

Current certificates must be submitted to DIYC handicapper

**WATER BALLAST DATA**

ORC CERTIFICATE  Yes ORR RATING CERTIFICATE  Yes DATE:

WATER VOLUME GALLONS  CREW LIMITS

Current certificates must be submitted to DIYC handicapper

**SAIL AND OTHER INFORMATION**

Have you added to or replaced any "RATED" sails in your inventory since your last rating

CERTIFICATE?  Yes  No

MUST SUBMIT SEPARATE SAIL MEASUREMENT CERTIFICATE

IF YES PLEASE SPECIFY: \_\_\_\_\_

Can your boat power at 80%of hull speed in calm seas?

Yes  No

V(KNTS) = 80%x1.3x square root of water line (feet)

List all restoration work, repair or modification (whether performed by you, the previous owners or others) made to your boat since its manufacture. This applies to all work whether it replicates the original design or not.

Enter "N/A" if no changes repairs or modifications.  N/A

Does your boat have a self-bailing cockpit, fixed perths, galley facilities, and the ability to be self supporting for a weekend cruise?  Yes  No

IN WHICH FLEET DO YOU WANT TO BE SCORED:

SPINNAKER  CANVAS  CANVAS SHORT HANDED

**I HEREBY ACKNOWLEDGE AND AGREE THAT THE ABOVE INFORMATION IS CORRECT AND**

**VERIFIABLE ANY TIME BY THE DIYC HANDICAPPER**

I AGREE

**The following is for the handicapper to fill in final ratings.**

BOAT TYPE	MELGES 24 ONE DESIGN			
DESIGN J	7.95	SPINN.	NON-SPINN	
BASE HANDICAP		90	103	
EXCESS MAINSAIL GIRTH				
EXCESS MAINSAIL FT - ACTUAL E/std E				
LP % OF J				
1.8SPL/J or GIRTH/SPL orSMW/SPL				
DECK STEPPED ASYM SPINN CREDIT TPS/std J				
ASYM SPRIT SPINN ACTUAL AMG/TPS				
DECK TACKED TPS/J				
MAST ACTUAL "I"/STD. "I"				
FREE FLYING HEADSAILS				
PROPELLER				
RECREATIONAL CREDITS				
MISCELLANEOUS				
NON-SPINN SPEED % ADJUSTMENTS			-1	
FINAL HANDICAP:	W/L SPINN	90	102	NON-SPINN
	R/L SPINN	80		

DIYC Handicappers signature: *Paul von Maffei*

Date Issued **4/19/2026**

COMMENTS FROM THE HANDICAPPER: \_\_\_\_\_

EXPIRES: 12-31-2026

**DIYC 2026 CERT**