



**DUCK ISLAND YACHT CLUB ANNUAL PHRF
2025 CERTIFICATE
DATE ISSUED 10/16/2025
EXPIRES DECEMBER 31, 2025**

FINAL RATING: W/L SPINN	90	R/L SPINN	81	NON-SPINN	102
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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 DIYCboatname25.xls (ex.DIYCSnowbird25.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

BOAT NAME	Slingshot	ODR	SAIL NO.	747
MODEL	Melges 24		DATE BUILT	Jul-05
BUILDER	Melges Perofrmance Sailboats, Zenda Wisconsin		HULL NO.	747
DESIGNER	Reichel Pugh Yacht Design	ONE DESIGN CLASS		
OWNER'S NAME	Evan Cooper			
ADDRESS	2 Gurley Road			
CITY, STATE, ZIP CODE	East Lyme, CT 06333			
YACHT CLUB	Duck Island Yacht Club			
EVENING PHONE #		CELLPHONE	860-460-5390	
DAYTIME PHONE #		FAX		
E-MAIL ADDRESS	evan.cooper@pfizer.com			
ANY PREVIOUS HANDICAP #	90	Active-YRA LIS cert	PHRF #/DATE	Valid through 12/202
PREVIOUS ECSA PHRF #			PREVIOUS DIYC PHRF#	
ECSA MEMBER ?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		US SAILING MEMBER # (IF YOU ARE A MEMBER)	

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".

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

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.	1750	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:	
LARGEST ASYMMETRIC SPINNAKER	AMG:	19.22	SLU:	37.58
AREA SQUARE FEET	SLE:	33.25	ASF:	20.50

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 2025 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 2025 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 ODR			
DESIGN J		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				
FINAL HANDICAP:	W/L SPINN	90	102	NON-SPINN
	R/L SPINN	81		

DIYC Handicappers signature: *Paul von Maffei*

Date Issued **10/16/2025**

COMMENTS FROM THE HANDICAPPER: _____

EXPIRES: 12-31-2025

DIYC 2025 CERT