



**OFF SOUNDINGS CLUB ANNUAL PHRF  
2025 CERTIFICATE  
DATE ISSUED 6/3/2025  
EXPIRES DECEMBER 31, 2025**

FINAL RATING: W/L SPINN

**0**

R/L SPINN

**0**

NON-SPINN

**200**

Please complete in FEET AND .01 FOOT -- THERE IS NO CHARGE FOR ANNUAL PHRF CERTIFICATES

1. COPY THIS FORM TO YOUR COMPUTER FROM THE WEBSITE BEFORE MAKING ANY ENTRIES.

2. When completed, save as OSCboatname25.xls (ex.OSCSnowbird25.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 acquired a new (or different) rated sail ( main sail, largest jib, Free flying headsail, largest spinnaker AND CODE ZERO SPINN), since your LAST OSC or PHRF certificate was issued. This can be obtained from your sailmaker and forwarded to OSC 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	XAPIEMA		SAIL NO.	42499
MODEL	424 KETCH		DATE BUILT	Jun-05
BUILDER	PEARSON		HULL NO.	
DESIGNER			ONE DESIGN CLASS	
OWNER'S NAME	ROBERT WELCH			
ADDRESS	84 SQUASH HOLLOW ROAD			
CITY, STATE, ZIP CODE	NEW MILFORD CT 06776			
YACHT CLUB	OSC			
EVENING PHONE #		CELLPHONE	862-912-1822	
DAYTIME PHONE #		FAX		
E-MAIL ADDRESS	<a href="mailto:welshjanbob@googlemail.com">welshjanbob@googlemail.com</a>			
ANY PREVIOUS HANDICAP #	REGION	ecsa	PHRF #/DATE	
PREVIOUS ECSA PHRF #			PREVIOUS OSC 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:	<input checked="" type="checkbox"/>	In Aperture:	<input type="checkbox"/>	Retracted:	<input type="checkbox"/>
Propeller Type	Fold/feath:	<input checked="" type="checkbox"/>	Autoprop:	<input type="checkbox"/>	Solid:	<input type="checkbox"/>
# of Blades	Two:	<input type="checkbox"/>	Three:	<input checked="" type="checkbox"/>	Four:	<input type="checkbox"/>
Keel Material:	Lead:	<input checked="" type="checkbox"/>	Iron:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Rudder type:	Attached:	<input type="checkbox"/>	Spade	<input type="checkbox"/>	Skeg:	<input type="checkbox"/>
Engine:	Inboard:	<input checked="" type="checkbox"/>	Outboard:	<input type="checkbox"/>	None:	<input type="checkbox"/>
Keel Type:	Fin:	<input checked="" type="checkbox"/>	Full:	<input type="checkbox"/>	K/C Board:	<input type="checkbox"/>
Mast Material:	Aluminum:	<input checked="" type="checkbox"/>	Wood:	<input type="checkbox"/>	Crb-Fiber:	<input type="checkbox"/>
Spinnaker Pole:	None:	<input type="checkbox"/>	Traditional:	<input type="checkbox"/>	Sprit:	<input type="checkbox"/>

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		MGU	
MGM		MGL	

### RIG AND SAIL DIMENSIONS

Overall hull length	LOA	42.40	DRAFT	5.25
Foretriangle base	I	44.08	BALLAST	7634.00
Boat J dimension	J	15.75	WPL	
Boat P dimension main hoist	P	38.00	TPS	0
Banded main foot length E	E	14.50	PY	23.00
Displacement in pounds	Disp.	22291	EY	9
Length waterline	LWL	34.30	SPL	0
Maximum beam	Beam	13.00	ISP	44.08

LARGEST HEADSAIL USED (LP TO NEAREST .01FT)

19.69

LARGEST SYMMETRIC SPINNAKER	GIRTH:	0.00	SAIL LUFF:	0.00
AREA SQUARE FEET			SAIL FOOT:	0.00
LARGEST ASYMMETRIC SPINNAKER	AMG:	0.00	SLU:	0.00
AREA SQUARE FEET	SLE:	0.00	ASF:	0.00

DO YOU HAVE A CODE-ZERO SPINNAKER

☐ Yes ☒ No

If yes, ENTER to .01 foot

AMG:		SLU:	
SLE:		ASF:	

DO YOU HAVE A FREE FLYING HEADSAIL

☐ Yes ☒ No

LP		AMG:		SLU:	
		SLE:		ASF:	

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 OSC 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 OSC 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 OSC handicapper

### WATER BALLAST DATA

ORC CERTIFICATE

☐ Yes

ORR RATING CERTIFICATE

☐ Yes

DATE:

WATER VOLUME GALLONS

CREW LIMITS

Current certificates must be submitted to OSC 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% x 1.3 x 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 OSC HANDICAPPER**☒ I AGREE**The following is for the handicapper to fill in final ratings.**

BOAT TYPE	PEARSON 424 KETCH		
DESIGN J	15.75	SPINN.	NON-SPINN
BASE HANDICAP			184
EXCESS MAINSAIL GIRTH	1		0
EXCESS MAINSAIL FT - ACTUAL E/std E			0
LP % OF J	125%		10
1.8SPL/J or GIRTH/SPL or SMW/SPL			
DECK STEPPED ASYM SPINN CREDIT TPS/std J			
ASYM SPRIT SPINN ACTUAL AMG/TPS			
DECK TACKED TPS/J			
MAST ACTUAL "I"/STD. "I"	1		0
FREE FLYING HEADSAILS	N/A		0
PROPELLER	3BLD-FEATH		0
RECREATIONAL CREDITS	INCLUDES RF		6
MISCELLANEOUS			0
NON-SPINN SPEED % ADJUSTMENTS			0
FINAL HANDICAP:	W/L SPINN	0	200
	R/L SPINN	0	

OSC Handicappers signature: *Paul von Maffei*

Date Issued

6/3/2025

COMMENTS FROM THE HANDICAPPER:

EXPIRES: 12-31-2025

**OSC 2025 CERT**