

International OPTIMIST Class

Builder's Declaration Form - GRP Hull

To be supplied by the builder with each hull and to be incorporated in the Registration Book. See Class Rules 2.2.2, 2.2.4 & 2.7.3.1.

Issued by IODA dated: 04/04/2010

Serial no. of this form: 49232

The undersigned, builder of the GRP Optimist hull with Hull Identification no:
0039R006504

allocated by IODA on: 2/11/1995

hereby declares that the Optimist hull with ISAF plaque no:

143969

complies in all respects with the current International Optimist GRP Plans, GRP Class Rules and their incorporated laminate specifications. I also confirm my responsibilities as prescribed in Class Rule 2.2.2.

Identification Numbers:

Gunwale/Mast Thwart	Midship/Frame/Daggerboard Case
0039R006505 G	0039R006506 M

Builders (company) name: Winner Optimist Aps

Address: Krogshjergvej 6
5600 Faaborg
Denmark

Signature of builder: *Wassim Blaker* Date: 6/5 - 2012

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International OPTIMIST Class

MEASUREMENT CERTIFICATE

This certificate is valid only when completed by a National Authority (MNA) of the ISAF or, where permitted by the MNA, a National Class Association.

Builder's Name: Winner Optimist Aps

Builder's Address: Krogshjergvej 6
5600 Faaborg
Denmark

ISAF Plaque Number: 143969 Date of plaque issue: 04/04/2010

143969

Weight of correctors (if any): See "WEIGHT" on attached Hull Measurement Form gm

Measurer's Name:

Owner's Name:

Owner's Address:

.....

Sail Number: SVE 4496

Signed: *Wassim Blaker* Date: 12

Authority: S S F



Notes to National Authorities: Sail Numbers must be issued in sequence. Personal sail numbers (RRS Appendix G1.1(c)) are not permitted by Class Rules. Where a National Authority prefers to issue its own certificate this shall be firmly fixed to this Registration Book.

Second Owner	Third Owner
Endorsed by National Authority	Endorsed by National Authority
Fourth Owner	Fifth Owner
Endorsed by National Authority	Endorsed by National Authority
Sixth Owner	Seventh Owner
Endorsed by National Authority	Endorsed by National Authority

International OPTIMIST Class
GRP Hull Measurement Form
*Authority: ISAF (International Sailing Federation)

IN ORDER TO OBTAIN A MEASUREMENT CERTIFICATE

1. The builder shall pay the International Class Fee to IODA which shall issue an International Class Fee receipt and an ISAF sticker to the builder.
2. The owner shall apply to his National Authority* (NA) for a sail number enclosing the Registration Book with International Class Fee receipt and builders declaration.
3. A measurer officially recognised by a NA shall take all the measurements on this form. (4 pages). In addition the boatt is required to conform with all the class rules even though the measurements are not required on this form.
4. This form when completed, shall be submitted by the owner to his NA together with any registration fee required by the NA.

BEFORE SUBMITTING PLEASE MAKE SURE THAT THIS FORM IS PROPERLY COMPLETED

ISAF plaque no.: 145969 Sail no.:

Valid identification nos.:

hull : 0039R006054 H gunwale: 0039R00605 G midship frame: 0039R006056 M
moulded in forward transom

Builder's name: WINNOR OPTIMIST Date built: 2010

Measurer's name: Hanning Koush Date measured: 11.7.2010

Owner's name:

Owner's address:

GENERAL NOTES FOR MEASURERS

1. In the case of a discrepancy between this form and the Class Rules, the matter shall be referred to the ISAF.
2. All measurements are in millimetres unless otherwise stated.
3. For sheerline (point 4), radius-edge-zone (for panel flatness), and radius edge-zone line (for bottom width and length) measurements, the "Standardised Sheerline and Edge-zone Finder" shall be used. (SEE DRAWINGS MDGRP 1-4)
4. Where rule compliance on measurements in mm. is disputed, measurement shall be done at 23 (±5) degrees celsius.

Note: A measurer shall always measure all items of this form when measuring his first 5 hulls of any Identification number. Thereafter (preferably to be selected at random) only every 10th., 20th., 30th., etc. of that identification number (see "Declarations by Measurer", page 4 of this form).

IODA will inform National Associations whether any Identification number is invalidated . No measurement certificate shall be issued for hulls not having a valid identification number. (see Class Rule 2.7.3.1)

Page 1/4 Measurer's Signature for this page: Hanning Koush

Item	Rule	Measurement	Min.(mm)	ACTUAL	Max.(mm)
A1	2.7.2	Is the ISAF building fee sticker indeed glued on the starboard side of the mast thwart bulkhead ?		Yes/No	
A2	2.7.3.1	Are hull ID no's. moulded in forward transom and flanges valid? Is builders declaration properly signed and completed?		Yes/No Yes/No	
A3	2.7.3.2	Is the registration mark indeed engraved 15 mm below the identification no. in the forward transom ?		Yes/No	
0	3.2.2.4	Deviation of aft transom		2	5
	plan	BASE LINE TO CENTRE OF BOTTOM PANEL AT :			
1		250mm from aft face of transom (77.7)	75	X	80
2		500mm from aft face of transom (53)	51		56
3		1005mm from aft face of transom (36.6)	34		39
4		1500mm from aft face of transom (61.5)	59		64
5		1800mm from aft face of transom (98.5)	96		101
6		1997 mm from aft face of transom (133.7)	131		136
7	plan	a) Distance from aft face of transom to aft end of daggerboard slot (1036)	1034	1035 331 17	1039
	3.2.2.10	b) Length of daggerboard slot (330)	326		334
	3.2.2.11	c) Basic width of daggerboard slot (17) See also CR 3.2.6.1	16		18
8	plan	Length of bottom. Distance from aft face of aft transom to edge-zone line at edge of forward transom (2146)	2143	X	2150
9		Base line to highest part of gunwale assembly at aft transom centreline (433.6)	431	V34	436
10		Base line to highest part of gunwale assembly at forward transom centreline (473.1)	471	V74	476
		WIDTH OF BOTTOM PANEL BETWEEN EDGE-ZONE LINES.			
11		Width of bottom at aft transom (833.3)	831	X	836
12		Width of bottom at 250mm from aft face of transom (911.9)	909		914
13		Width of bottom at 500mm from aft face of transom (973.6)	971		976
14		Maximum width of bottom panel.			1010
15		Width of bottom at 1005mm from aft face of transom (995.2)	993		998
16		Width of bottom at 1500mm from aft face of transom (876.4)	874		879
17		Width of bottom at 1800mm from aft face of transom (706.4)	704		709
18		Width of bottom at 1997mm from aft face of transom (559.7)	557		562
19		Width of bottom at edge-zone line of forward transom (440.1)	438		443
20	3.2.2.8	Maximum clearance from bottom panel of 300mm straight edge parallel to boat's centreline		OIC	4
		Maximum clearance from bottom panel of 150mm straight edge parallel to boat's centreline. No hollows allowed.		OIC	2
21	3.2.2.6 3.2.2.7 3.2.2.9 3.2.2.9	Do curve of bottom and side panels and bow and aft transoms comply with class rules? (On bottom no hollows allowed)	Bottom: (a: Side panels: (b: Bow transom:(c: Aft transom: (d:	Yes/No Yes/No Yes/No Yes/No	

PLEASE TURN HULL

Page 2/4 Measurer's Signature for this page:.....*H.M.*..... Plaque Number: *145969*.....

Item	Rule	Measurement	Min.(mm)	ACTUAL	Max.(mm)
22	3.2.6.1.f	Horizontal movement of mast at step and mast thwart		1	3
23	plan	Beam at top of aft transom (970.2)	968	968	973
24		Beam at 250 mm from aft face of transom (1055.1)	1053	1053	1058
25		Beam at 500 mm from aft face of transom (1109.2)	1106	1106	1113
26		Curve of top of aft transom (30.6)	27	27	35
27		Beam at midship frame aft face (1121.8)	1118	1122	1125
28		Beam at 1500 mm from aft face of transom (1010.6)	1007	1007	1014
29		Beam at 1800 mm from aft face of transom (881.4)	878	878	885
30		Beam at 1997 mm from aft face of transom (770.0)	768	772	773
31		Beam at top of forward transom (563.8)	561	561	566
32		Curve of top of forward transom (23.1)	20	20	28
33	3.2.6.1(a)	Distance of centre of fixing points for mainsheet blocks to forward face of aft transom (786 & 894)	781 889	788 890	791 899
34	plans	Position of centre of fixing points for hiking straps. Distance between fixing points on midship frame (360) Height of these fixing points above inside bottom panel (max 30) Aftmost fixing point on centre line on inside bottom panel, distance to forward face of aft transom	355	360 36 60	365 30 80
35	plan	Distance from aft face of aft transom to aft face of midship frame (1005)	1003	1007	1008
36		Distance from aft face of aft transom to forward upper end of daggerboard slot (1366)	1364	1366	1369
37		Distance from aft face of aft transom to aftmost upper end of daggerboard slot (1036)	1034	1034	1039
38		Distance from aft face of aft transom to centre of mast hole in mast thwart (1997)	1994	1996	1999
39	3.2.2.5	Overall length at point 4 (2300)	2293	2300	2307
40	plan	Limber holes in midship frame and mast thwart bulkhead.		OK / NOK	
41	plan	Height at top of gunwale assembly above mast thwart top side (27, at X1997)	25	29	30
42		Height of top of gunwale assembly above bearing surface of mast step (245.0)	240	247	250
43	***	Spare. Item number not used	*****	*****	*****
	plan	HEIGHT OF TOP OF GUNWALE ASSEMBLY BELOW UPPER BASE LINE (To be measured at hull centreline)			
44		At 1997 mm from aft face of transom (60.7)	58	60	63
45		At 1800 mm from aft face of transom (69.2)	67	67	72
46		At 1500 mm from aft face of transom (79.7)	77	77	82
47		At 1005 mm from aft face of transom (92)	90	91	95
48		At 500 mm from aft face of transom (96.6)	94	94	99
49	3.2.2.10 plan	(a) Is daggerboard case top side parallel to upper base line? (max. deviation 5) (b) Depth of aft end of daggerboard slot to underside of bottom panel (307.9)	304	2 307	5 312
50	plan	Distance between daggerboard case top side and the midship frame top side (96)	94	94	99

Item	Rule	Measurement	Min.(mm)	ACTUAL	Max.(mm)
51	plan	Height of midship frame top forward side.(40)	38	 	43
52	3.4.5.1	Distance between bearing lines of rudder gudgeons	200	201	
53		Distance between top of gunwale at aft transom and bearing line of top rudder gudgeon		51	55
54	plan	Shape and dimensions of openings in dagger board case and mast thwart bulkhead		OK/NOK	
55	3.2.2.12	Radius at outside edges of hull. (10 =+0/-1)	9		10
56	plan	Does shape of the gunwales and gunwale corners comply with plans. (use template)	Yes/No		
57	3.2.3.2	Thickness of laminates/walls		OK/NOK	
58	***	Spare. Item number not used	*****	*****	*****
59	3.2.7.1	Do buoyancy arrangements comply with class rule?		Yes/No	
		Content of each buoyancy bag in litres (45 litres)	40 litres	45	50 litres
	3.2.7.3	Are buoyancy bags made of strong fibre-reinforced material, and each secured by not more and not less than 3 straps. Width of straps (45)	39	45	51

WEIGHT

60	3.2.7.1.	Weight of each inflated buoyancy bag in grams.(200)	200gr.	200	
61	3.2.8.1	(a) Weight of hull excluding buoyancy bags etc.etc. (and excluding correctors if any)	32 kg	34.3	
	3.2.8.2	(b) Weight of correctors if weight of hull, including buoyancy bags, is less than 35 kg		0	3 kg

Declarations by the measurer:

I certify that I have measured and weighed this hull and that, to the best of my knowledge, this hull complies with the Class Rules, Plans and this Measurement form, and I have found no reason to doubt the builder's declaration that this hull complies with the prescribed GRP materials, laminate specifications and lay-up order, except as stated below.*

I have checked and measured the items on the table of this form printed in bold letters, and 'crossed out' all other items not measured by me.*

* Delete as applicable (see page 1 of this form).

Measurer's comments:.....

Measurer's Signature: *HH*.....

Measurer officially recognised by: *DEJMARIC*..... Date: *11.7.2010*.....

I certify that I have witnessed a satisfactory buoyancy test (see Rule 3.2.7.5.)

Signature:

Position: Date:.....