INTERNATIONAL FORMULA 18 CLASS
MEASUREMENT FORM
MEASUREMENT CERTIFICATE
I F18CA-2019 (version PCB2019/06)

IDENTIFICATION

Boat Certificate n°	**FRA 2013-017-M001**	*National letters & Sail N° :*	FRA 64	*WS N° :*	0
Hulls N° / N° coques :	FR BCM R 0110 E212	*Hulls N° / N° coques :*	FR BCM R 0110 E212		
Brand of boat :	CIRRUS R			*Date manufactured :*	2013

OWNER

owner / propriétaire :	DANO ROLAND		
Address / adresse :			
Zip code / CP :		City / ville :	
Country / Pays		*E-mail*	

MEASURES & DESCRIPTION OF THE PLATEFORM

C.6.1.(b) (1) Weight boat ready to sail :			180 kg minimum
C.6.2.(a) Corrector weight			7 kg maximum
D.6.2.(a) Hull lenght / Longueur coque		1,00 m	5,52 m maximum
D.6.2.(b) Boat beam / Largeur plateforme		1,00 m	2,60 m maximum
C.7.1.(b) Inspection hatches / trappes	Minimum 1 per hull		
D.3.1.(a) Material			
D.5.1.(a) Trampoline material			Netting is not permited

B.1.1.(c) have valid certification mark is required : hull — *Port side hull* ☐ *starboard side* ☐

DAGGERBOARDS & RUDDERS

	Port side	*starboard side*	
C.8.2.(a)(1) Daggerboards serial n° :			
E.3.4.(a) Daggerboards weight			5,5 kg maximum
E.3.3.(c) Daggerboards extension below the hull			1,40m maximum
B1.1.(c) Daggerboard certification mark F18	☐	☐	
C.8.2. Rudders serial n° :			
E.4.6.(a). Rudders weight			Minimum 3 kg
B1.1.(c) Rudder certification mark F18	☐	☐	

RESERVED NATIONAL CLASS ASSOCIATION

Initial boat certification ☐ *Certification control carried by* Frédérique Pfeiffer *Date* 18/10/2021

Boat re-certification n° 1 *For main sail :* ☐ *jib* ☐ *Spinnaker* ☑ *Platform* ☐ *Other* ☐

Certification Authority

Complementary comments of the measurer

EQUIPEMENTS

Boat Certificate n°	**FRA 2013-017-M001**	*National letters & Sail N° :*	FRA 64	*WS N° :*	0
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C.5 PORTABLE EQUIPMENT

C.5.1(a)1 One righting line	0	Minimum 4m. long
	0	Minimum Ø 10mm
C.5.1(a)2 One magnetic steering compas		Minimum One

C.9 RIG

C.9.2(a) Mast datum point shall not be more than 120mm above the top of the front bear	
C.9.7(a) Running rigging shall be led outside the mast spar	

D.4 BEAMS

D.4.2(a) The beams shall be extruded aluminium profiles of constant section	
D.4.2(b) The curvature of the beams shall be limited a maximum of 15mm	

F.3 MAST

F.3.2(a) The mast shall be extruded aluminium profiles of constant section

F.3.3 Dimensions

Mast spar circumference	0,378 m	*0,385 m Maximum*
Distance between upper point and front beam	9,100 m	*9,100 m Maximum*
Shround height	6,750 m	*6,750 m Maximum*
Spinnaker hoist height	8,150 m	*8,150 m Maximum*
Top of the front beam to mast datum point		
Extrusion total lenght	9,016 m	

B.1.1(c) Have valid certification marks as required ☐

F.4 BOOM

F.4.1(a) The Boom, if fitted, *Yes or no* ☐

F.4.1(a) shall be made and extruded aluminium profiles of constant section

F.5 BOWSPRIT

F.5.1(a) The bowsprit shall be on the longitudinal centreline of the boat	
F.5.1(b) The bowsprit shall be attached to the front beam	
F.5.2(a) The bowsprit shall be made of aluminium of constant section	
F.5.5(a) The lenght of the bowsprit shall not excedeed the distance from the centre of the front beam to a vertical line touching the most forward part of the hull plus 800 mm, with the bbowsprit mesuread when vertical.	
F.6.2(b) (2) The bowsprit bridles may be of rope of minimum diameter 2,5mm	

Dimensions : Diameter Ø 40,000 m/m *Length* 3,732 m

C.9.5(c) The bowsprit shall have an end cap that is smooth, rouded

F.6 STANDING RIGGING

F.6.1(a) The standing rigging of the stanless steel	☐
F.6.2(a)(1) A forestay and bridles mini 4mm	☐
F.6.2(a)(1) Shrouds mini 4mm	☐
F.6.2(a)(3) Trapeze wires mini 2,5mm	☐

F.7 RUNNING RIGGING

F.7.2(a)(1)(2) Mainsal halyard & sheet	☐
F.7.2(a)(3)(4) Jib halyard & sheet	☐
F.7.2(a)(5)(6) Spi. halyard & sheets	☐
F.7.2(a)(7) Spi. Retraction lines	☐

Complementary comments of the measurer

MEASURES AND CALCULATIONS AREA OF JIB & SPINNAKER

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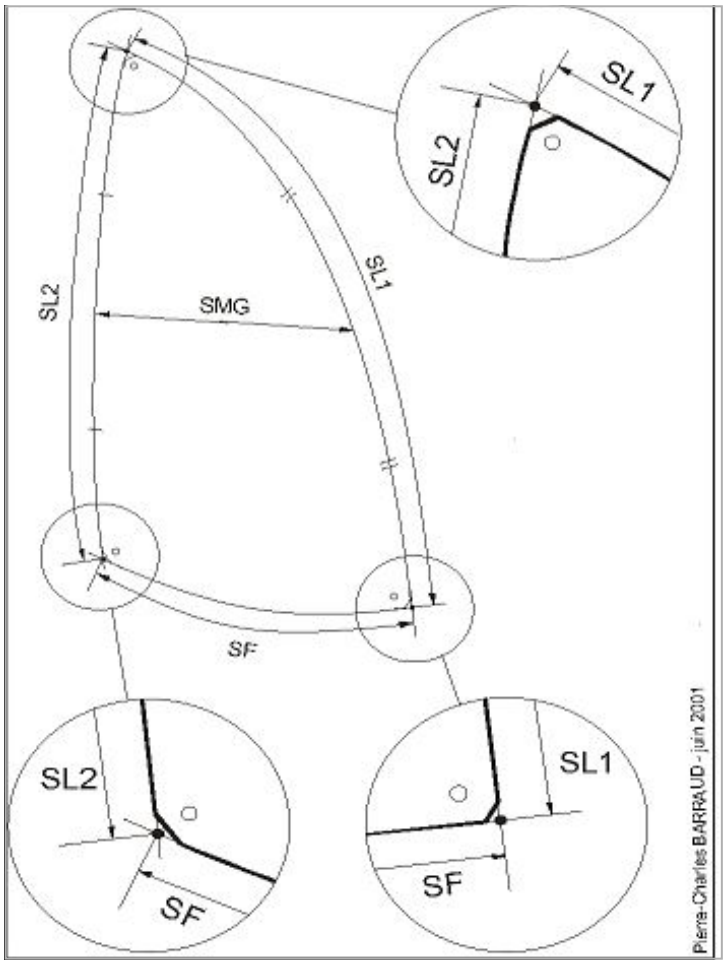
G.4 JIB

Small Jib 3,60 m2	☐	***Large Jib 4,30 m2***	☐
Sailmaker / Voilier :			
Serial n° / N° série :			
Colour / Couleur :			
Batten number :	0	G.4.2(d)(2) maximum 3	
Material / Matériau :			

h1		S1=((h+h1)x(a-a1))/2	0,0000
a	0,000	S2=(hxa1)/2	0,0000
h7	0,000	S7=((axh7)/3)*2	0,0000
c		S10 : 2/3bxh10	0,0000
h11		S11 : 2/3 cxh11	0,0000
h			
a1		**JIB AREA**	
b		**Small Jib 3,60m2**	
h10	0,000	**Large Jib 4,30m2**	

G.4.2 Construction & G.4.3 Dimensions

		Max
The Leech shall not be convex		
Top width		*50mm*
Batten width		*40mm*
Batten pocket outside width		*80mm*
Window area : minimum : 0,30 m2		
Dacron sticker F18 Small Jib 3,60m2	☐	
Dacron sticker F18 Large Jib 4,30 m2	☐	



G.5 SPINNAKER

Small Spinnaker 19,00m2 maximum	☐
Large Spinnaker 21,00m2 maximum	☐
Sailmaker / Voilier :	HYDE SAILS
Serial n° / N° série :	605062
Colour / Couleur :	BLUE
G.5.1 Material / Matériau :	DYNAKOTE

SL1	8,945	% SMG / SF	77,26
SL2	7,698	**Spinnaker AREA**	**20,876**
SMG	2,843		
SF	3,680		
Dacron sticker F18 spinnaker 19,00 m2			☐
Dacron sticker F18 spinnaker 21,00 m2			☐

RESERVED NATIONAL CLASS ASSOCIATION

Certification control carried by	*Date*
Frédérique Pfeiffer	18/10/2021
	Mesures du voilier conservées car supérieures à celles de la jauge effectuée ce jour.

MEASURES AND CALCULATIONS THE MAINSAIL CLASSIC OR DS

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Owner :	DANO ROLAND	*Brand of boat :*	CIRRUS R		

MAST AREA

Length extrusion	9,016	Perimeter	0,378

G.3 MAIN SAIL : 17 m maximum

Sailmaker / Voilier :	
Serial n° / N° série :	
Colour / Couleur :	
Batten number :	0
G.3.2 Material / Matériau :	

a		S1 : ((h+h1)(a-a1)+(a1xh))/2	
h7		S2 : (cxh2)/2	
c		S3 : 2/3 c3xh3	
h2	0,000	S4 : (c4xh4)/2	
c4		S5 : 2/3 c5xh5	
h4	0,000	S6 : 2/3 c6xh6	
c6	0,000	S7 : 2/3 axh7	
h6	0,000	S8 : 2/3 bxh8	
c5		S9 : (b*h9)/2	
h5	0,000	S10 : ((b10*h10)/3)*2	
c3		S11 : ((b11*h11)/3)*2	
h3		S12 : -(b11*h12)/2	
h		***Main Sail AREA***	**0,000**
b			
h8	0,000	Mast area / Surf. Du mât :	**1,704**
a1		**Total AREA**	**1,704**
h1	0,000		

h9	0,000
b10	0,000
h10	0,000
b11	0,000
h11	0,000
h12	0,000

h1 and h being parallel and perpendicular to the main luff, the main area is a trapezium and a right-angled triangle.
h2 and h4 are perpendicular to the middle point between c and c4.
H3, h5, h6, h7 and h8 are respectively the cambers of the cords c3, c5, c6, a and b.
h10, h11 can be positive, negative or equal to zero.

G.3.5 DIMENSIONS

		Max
Top width excluding boltrope		*1,00 m*
Upper wight at upper leech point 1500mm from the head point		*1,29 m*
The angle between the luff ans the head		*90°*
Tabling width		*115mm*
Window area : minimum : 0,30 m2		

B.2 CERTIFICATION MARKS F18

Dacron sticker F18 main sail 17,00 m2 ☐

Class emblem F18 ☐

Certification control carried by

Frédérique Pfeiffer

Certification Authority

Date

18/10/2021

Comments of the measurer