

HULL MEASUREMENTS

	[m]		[m]
Lt	18,28	Fb1	1,21
La	18,28	Fb2	1,00
B	4,06	P1	0,72
Fa	2,75	P2	1,10
Fp	2,83	P3	0,74
Bl	3,80	P4	0,40

RIG MEASUREMENTS

	[m]		[m]
I	21,12	Ef	
J	6,50	mP	8,95
Lp	7,29	mE	3,51
HLU	20,67	mEs	
HLP	11,05	mF	
P	19,25	mEf	
E	7,55	Dm	
Es		Hm	
F		Ht	

SAILS AREA

Fore-triangle Spo [m2]	123,172
Fore-triangle Spa [m2]	114,202
Main sail [m2]	72,669
Main Top-sail [m2]	
Foremast sails [m2]	
Mizzen sail [m2]	15,707
Mizzen Staysail [m2]	
Sail Surface (Spv) [m2]	205,269
Rig aspect ratio (Sf)	0,893

CALCULATED DIMENSIONS & COEFFICIENTS

Rated Length (Ls) [m]	13,816
average rated depth (Pmc)	0,688
rated depth (Ps)	2,117
rated beam (Bj)	3,982
rig coefficient (Ca)	0,880
Class coefficient (Cb)	0,000
Age Parameter (Pe)	-0,022
Equipment (Pv)	-0,020
Bottom Profile (Pp)	0,955
Correction (Cc)	1,020
Authenticity (Co)	0,904

EQUIPMENT & FITTINGS (Pv)

Centerboard :	sliding	
	with tab	
	modified (bulbe or ballast)	
Rudder :	modified	
Propeller Axis :	absent	
	in centerline position	x
	in lateral position	
	2 propeller axis	
Propeller :	with folding/feathering blades	x
	with 2 solid blades	
	with 3 (or more) solid blades	
Mast :	wooden	x
	alloy	
Boom :	wooden	x
	alloy	
	in composite material	
Spars :	wooden	x
	alloy	
	in composite material	
Forestay :	head foil with 1 groove	
	head foil with 2 grooves	
Furling system :	of jib, active	
	of jib, inactive but in place	
	flying furling device	
Winches :	absent, with Ls < 8m	
	absent, with Ls > 8m	
	self-tailing	
Interior :	absence of furniture	
Superstructure :	with composite material	
	with composite for Classic IOR	
Hull :	with composite material	
	with composite for Classic IOR	

REFERENCE CONFIGURATION (Pv)

Use of motorized winches in the race	
Use of spinnaker	x
Use of balloon jib	
Sails manufactured with panels using low extensible materials	main fore
Cotton sails	main fore
Different cuts than those used at the time of launch	main fore
Use of a downwind sail with a halyard point higher than originally	



ASSOCIATION FRANÇAISE DES YACHTS DE TRADITION
AFYT

RATING CERTIFICATE CIM 2026

Issue date and time : 26/5/26 14:30

N° of certificate : **FA 220**

Sail n° : **13**

VARUNA VII

Reference Class : **Bermudian Vintage**

Architect : **Sparkman & Stephens**

Builder : **Jacobson Yard**

Original Class :

Year of Design : **1939**

Year of Launching : **1939**

Year of rig type : if modified Ca configuration

Rig Type : **Bermudian Yawl**

Ensign : **Allemand**

Registered in : **Marine de Cogolin**

Club :

Rig length (La) [m] : **18,28**

Max. Beam (B) [m] : **4,06**

Draft (TE) [m] : **2,52**

Rating :	9,0302
APM s/mile :	138,6
TCF :	0,9657

Validation of the National Association : *Roger Gilbert*

Measurements made by : Renaud Godard (n°: 0932172N)

Measurement date : 26/05/2026

Location of measurement : Antibes