

International 2.4 metre Measurement Form

Sail Number USA 5

ISAF Plaque Number 961

Owner JIM ALTIZER

Name of yacht

Overall length			4181
Overhang Forward to L1	+ 429		
Overhang Aft to L1	+ 660	→ - 1089	
Total overhang			
Measured length			3092
Girth at Bow	312		
Twice Vertical Height at Bow	- 0,240 →	72	
O at Bow			
1½ O at Bow		+ 108	
Girth at Stern	893		
Twice Vertical Height at Stern	- 538 →	355	
O at Stern			
Add 1/3 O at Stern		+ 118	
Add any penalty at O2		+ →	+ 226
Sum of Girth difference			
Correct length, L			3318
Skin girth d to d1 Port			
Chain girth d to d1 Port	- →	+	
d Port			
Skin girth d to d1 Starboard			
Chain girth d to d1 Starb,	- →	+	
d Starboard			
d = d Port + d Starboard			+
2 x d			
Add to find sum of L + 2d			3318
Mean freeboard Bow O	+ 322		
Mean freeboard Midships D	+ 303		
Mean freeboard Stern	+ 305 →	930	
Sum of freeboards			
F=1/3 sum of freeboards			- 292
F, max 0.292			
= L + 2d - F			3026
Penalty Displacement Rule D.7.2.			
LWL			
Corr LWL	- →		+
Difference			
2 x difference			
Penalty Beam Rule D.7.3			
Beam			
Min beam	- 0,720 →		+
Deficiency			
4 x deficiency			
√S			+ 2655
Total of Measurements L + 2d - F + √S			5681
Divide by 2.37 = RATING =			2.397
Penalty Draft Rule D.7.1			
Draft			
Max draft	- 1,000 →		+
Excess			
3 x excess			
Penalty Tumble home D.7.4			
Tumble home			
Max Tumble home	- 0,015 →		+
Excess			
3 x excess			
FINAL RATING			2.4