



Martin 242 Class Measurement Form – May 15, 2016

Authority: International Martin 242 Class Association

BOAT DETAILS

Boat name

Sail number

Hull ID number (HIN)

Current owner(s)

Owners Declaration: I undertake to race this Martin 242 only so long as I maintain it in conformity with the Class Rules. I also undertake that the corrector weights (if any) will not be altered or removed, except when carried out in conjunction with an official reweighing, and that only spars, sails etc., which have been measured and found in accordance with the rules will be used.

Signature _____

Date

Name(s)

Address

City

State/province

Country

Zip/postal code

Contact phone

Email

Item	Rule	Measurement	Minimum	Actual	Maximum
1	3.71	Boat weight	2475 lbs		N/A
2	3.71	Is a group 24 battery included?		Yes No	
3	3.71	If no, is 45 pounds added in its place?		Yes No	
4	3.74	Corrector weight total (in pounds)	N/A		N/A
5	3.74	Corrector weight placement	N/A	Pass Fail	N/A
6	3.74	Corrector weight percentage fore/aft	50/50		30/70
7	3.2.2	Lower point to upper point	9138mm (29.98')		9150mm (30.02')
8	3.2.3	Lower point to the plinth	743mm (2.44')		755mm (2.48')
9	3.2.6	Outer point distance (boom band)	3652mm (11.98')		3664mm (12.02')
10	3.2.7	Spinnaker pole length	2509mm (8.23')		2521mm (8.27')
11	3.2.7	Spinnaker pole outside diameter	51mm (.17')		
12	3.2.13	Headstay assembly	8429mm (27.66')		8455mm (27.74')
13	3.2.12	Spinnaker hoist	223mm (.73')		235mm (.77')
14	App B	Keel position	4445mm (14.59')		4495mm (14.75')
15	3.3.1	Fittings and lines	N/A	Pass Fail	N/A
16	3.6.3	Sail inventory conforms to rule 3.6	N/A	Pass Fail	N/A
17	App B	Keel specifications	N/A	Pass Fail	N/A
18	App B	Rudder specifications	N/A	Pass Fail	N/A

Measurer's Declaration: I certify that I have taken the measurements on this form and that to the best of my knowledge the boat conforms to the rules and specifications of the Martin 242 Class, except as I have stated below.

Comments

Additional corrector weight details

Measurer name

Date

Signature _____



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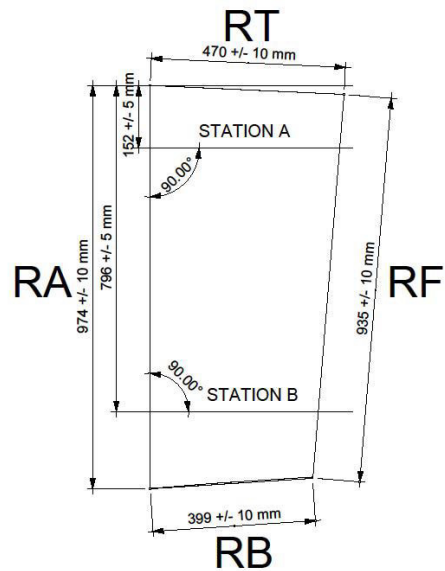
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RUDDER DIMENSIONS AND STATIONS

OCT. 27, 2009 cls

Name	Description	Length	Tolerance	Actual
RF	Front leading edge	935mm (3.07 feet)	+/- 10mm (.03 feet)	
RB	Bottom edge	399mm (1.29 feet)	+/- 10mm (.03 feet)	
RA	Aft edge	974mm (3.2 feet)	+/- 10mm (.03 feet)	
RT	Top edge	470mm (1.56 feet)	+/- 10mm (.03 feet)	

Station	Location from top of rudder	Thickness	Tolerance	Actual
A	152mm down Aft edge	69mm (.23 feet)	+/- 5mm (.02 feet)	
B	796mm down Aft edge	63mm (.21 feet)	+/- 5mm (.02 feet)	

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Name

Date

Signature _____



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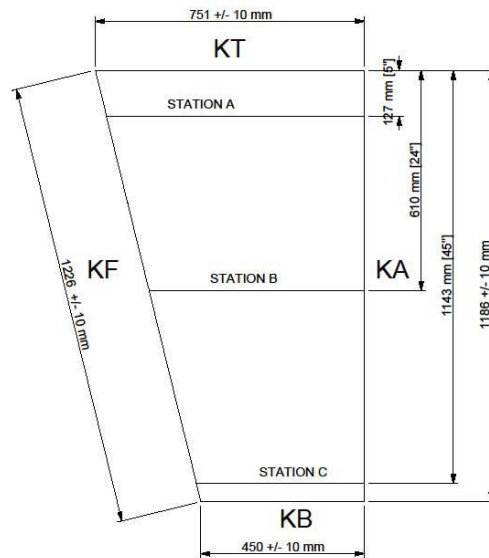
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KEEL DIMENSIONS AND STATIONS

Name	Description	Length	Tolerance	Actual
KF	Front leading edge	1226mm (4.02 feet)	+/- 10mm (.03 feet)	
KB	Bottom edge	450mm (1.48 feet)	+/- 10mm (.03 feet)	
KA	Aft edge	1186mm (3.89 feet)	+/- 10mm (.03 feet)	
KT	Top edge	751mm (2.46 feet)	+/- 10mm (.03 feet)	

Station	Location from top of keel	Thickness	Tolerance	Radius (5mm -9mm)	Thickness
A	127mm down Aft edge	86mm (.28 feet)	+/- 6mm (.02 feet)		
B	610mm down Aft edge	77mm (.25 feet)	+/- 6mm (.02 feet)		
C	1143mm down Aft edge	57mm (.19 feet)	+/- 6mm (.02 feet)		

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Point	Length in MM	Tolerance	Min	Actual	Max
Mast overall length	11201	+/- 6mm	11195		11207
Upper point to datum	2057	+/- 6mm	2051		2063
Lower point from upper point	9144	+/- 6mm	9138		9150
Limit mark width	19	+6mm	19		25
Lower point to plinth	749	+/- 6mm	743		755
Outer point distance	3658	+/- 6mm	3652		3664
Spinnaker pole length	2515	+/- 6mm	2509		2521
Spinnaker pole diameter	51	N/A	51		none
Spinnaker ring distance above the upper face of the lower band	305	+/- 25mm	280		330
Spreader bracket horizontal mid-point height from mast datum	3505	+/- 6mm	3499		3511
Spreader, transverse length	1486	+/- 6mm	1480		1492
Spreader, fore and aft length	260	+/- 6mm	254		266
Spinnaker hoist height	229	0	229		229
Headstay span	8442	+/- 13mm	8429		8455

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M242 keel leading edge radius gauge (5mm to 9mm)



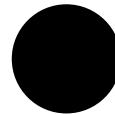
4mm



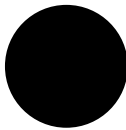
5mm



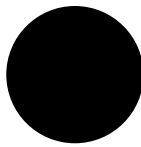
6mm



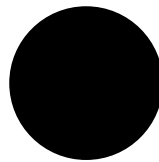
7mm



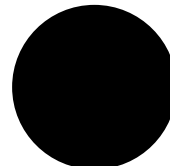
8mm



9mm



10mm



11mm