

Mast Builder: Charger

Build date: 2019

ISAF Plaque Boat Number: 1024

Norlin OD Boat Number: 230

Item #	Rule	Item to be checked	Requirements	Measurement result	Comments
Mast					
100	F.3.1	Mast material	Aluminium	YES	(Yes/No)
101	F.3.2(a)	Mast construction	Fixed sail groove	YES	(Yes/No)
102	F.3.3(a)	Mandatory fittings	All installed	YES	(Yes/No)
103	F.2.4(a)	Mast datum point	Clearly marked by a punsch	YES	(Yes/No)
104	F.3.4	Forestay height	$h \leq 3750\text{mm}$		3750 mm
105	C.9.5(a)	Mast curvature	$\leq 30\text{mm}$		0 mm
106	F.3.4	Mast cross sections top	Fore/aft $28\text{mm} \leq d \leq 66\text{mm}$		50 mm
107	F.3.4		Transv $\geq 24\text{mm}$		33 mm
108	F.3.4	Datum point - 3500mm	Fore/aft $56\text{mm} \leq d \leq 66\text{mm}$		65 mm
109	F.3.4		Transv $\geq 38\text{mm}$		52 mm
110	F.3.4	Lower point height	$340\text{mm} \leq h \leq 350\text{mm}$		350 mm
111	F.3.4	Upper point height	$4990\text{mm} \leq h \leq 5000\text{mm}$		5000 mm
112	F.3.4	Lower to upper point	$4630\text{mm} \leq h \leq 4650\text{mm}$		4650 mm
113	F.3.4	Shroud height	$3770\text{mm} \leq h \leq 4000\text{mm}$		3975 mm
114	F.3.4	Spreaders length	$200\text{mm} \leq l \leq 350\text{mm}$		300 mm
115	F.3.4	Spreaders height	$1950\text{mm} \leq h \leq 2050\text{mm}$		2040 mm
116	F.3.5	Mast weight	$6.5\text{kg} \leq h$		6.3 kg
117		Mast tip weight	$\geq 2.0\text{kg}$		2.3 kg
118	F.7.1	Shrouds material	Stainless steel	YES	(Yes/No)
119	F.8.2(a)	Running rigging mandatory	Maximum acc to C.9.10(c) (1)	YES	(Yes/No)
Boom					
130	F.4.1	Boom material	Aluminium	YES	(Yes/No)
131	F.4.2	Boom construction	With or without groove	YES	(Yes/No)
132	C.9.6(a)	Outer point distance	$\leq 1960\text{mm}$		1960 mm
133	F.4.4	Boom cross section	Vertical $\geq 75\text{mm}$		66 mm
134	F.4.4		Transverse $27\text{mm} \leq d \leq 55\text{mm}$		53 mm
135	C.9.6(b)(1)	Boom position on mast	As per Rule	YES	(Yes/No)
Whisker Pole					
140	F.5.2	Whisker pole material	Aluminium	YES	(Yes/No)
141	F.5.5	Whisker pole length	$\leq 2106\text{mm}$		2089 mm
142	F.5.5	Whisker pole diameter	$\geq 22\text{mm}$		25 mm

Date and place of measurement: 28 SEPT 2021 Port Charlotte Florida

Signature of measurer: *En / h*

Name of measurer: Eugene R. Hinkel

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Measurement Form Mast Booms V3 2017-06-14