

2.4 Norlin One Design Class NEW BOATS				
Official Measurer's certification control of 2.4 NOD boats built AFTER 2011-03-01				
Measurement Report New Boat			Checks according to CR	
ISAF Plaque number:				
Builder's details and hull number:				
Mast Builder's details:			(if not the builder)	
Rule	Item to be checked	Requirements	Measurem result	Comments
B.1.1	Cerification marks	Acc to 2.4mR CR		acc to form A
C.6.1(a)	Boat weight	Weight 253 - 254kg	kg	
C.6.1(b)	Balance point (C of G)	Distance fr sect 0 1343-1371mm	mm	
C.9.9(a)	Adjustable shrouds	According to rule		
D.2.3(c)	Holes in hull and deck	According to rule		
D.2.4(b)	Hull datum section	Marked on deck and sheer line		
D.2.5	ISAF Plaque	Placed in the cockpit		
D.3.1	Building materials	According to C M 3.1		*
D.3.2	Hull construction	According to C M 3.2		*
D.5.1(a)	Buoyancy material	Non-com. air cell foam plastic		*
D.5.1(d)	Compartments	Shall be inspectable		
D.6.2(b)	Seat not incl in weight	CoG \leq 300 from sheer line	mm	
D.7.1(a)	Mandatory fittings	All fittings installed		
D.7.1(10)	Foretriangle base	Fitting or devise installed	mm	
D.7.1(c)	Fittings construction	Distance from stem acc drw J 1		
D.7.1(c)	Fitting on outside of hull	No fittings permitted on outside		
D.8.3	Ballast	Acc to rule D.8.3 (a), (b), (c)		*
C.7.3	Ballast	Weight \leq 181kg	kg	
	Ballast	Weight of topmost pig	kg	
C.7.3		Battery included in ballast		
	Corrector weights	Position	kg	
C.9.5(b)(1)	Mast step	Movement $<$ 10mm athwartships	mm	*
C.9.5(b)(2)	Mats datum point	Dist to deck measur point $<$ 36mm	mm	
F.2.4	Mast datum point	3750mm from rigging point		
C.9.5(a)	Mast curvature	\leq 30mm	mm	*
F.3.1	Mast material	Aluminium		
F.3.2	Mast construction	Fixed sail groove		*
F.3.3	Mandatory fittings	All installed		*
F.3.4	Mast cross sections top	Fore/aft $28\text{mm} \leq d \leq 66\text{mm}$	mm	*
		Transv $\geq 28\text{mm}$	mm	*
	Datum point - 3500mm	Fore/aft $56\text{mm} \leq d \leq 66\text{mm}$	mm	*
		Transv $\geq 38\text{mm}$	mm	*
	Lower point height	$340\text{mm} \leq h \leq 350\text{mm}$	mm	
	Upper point height	$4990\text{mm} \leq h \leq 5000\text{mm}$	mm	
	Lower to upper point	$4630\text{mm} \leq h \leq 4650\text{mm}$	mm	
	Forestay height	$3750\text{mm} \leq h \leq 3750\text{mm}$	mm	
	Shroud height	$3900\text{mm} \leq h \leq 4000\text{mm}$	mm	*
	Spreader length	$250\text{mm} \leq l \leq 350\text{mm}$	mm	*
	Spreader height	$1950\text{mm} \leq h \leq 2050\text{mm}$	mm	*
F.3.5	Mast weight	$6,5\text{kg} \leq q \leq 7,5\text{kg}$	kg	*
	Mast tip weight	$\geq 2,0\text{kg}$	kg	*
F.4.1	Boom material	Aluminium		*
F.4.2	Boom construction	With or without groove		*
F.4.4	Outer point distance	$\leq 1960\text{mm}$	mm	*

Plaque number:.....		Measurment Report New Boats		Page 2
Rule	Item to be checked	Requirements	Measurement resu	Comments
F.4.4	Boom cross section	Vertical < 75mm	mm	
		Transverse $27\text{mm} \leq d \leq 55\text{mm}$	mm	
C.9.6(b)	Boom position on mast	Over side at lower point		
F.5.2	Whisker pole material	Aluminium		*
F.5.5	Whisker pole length	$\leq 2109\text{mm}$	mm	
	Whisker pole diameter	$\geq 22\text{mm}$	mm	*
F.7.1	Shrouds material	Stainless steel		*
F.8.2(a)	Running rigging mandato	Maximum acc to C.9.10(c) (1)		*
F.8.2(b)	Running rigging optional	Maximum acc to C.9.10(c) (2)		*
C.9.10(d)	Mainsail sheet	Only one sheet is permitted		
K.3	Checking against templates			
Hull	Vertical section 0	clearance 2 - 4mm		
Hull	Vertical section 2	clearance 2 - 4mm		
Hull	Vertical section 4	clearance 2 - 4mm		
Stern	100mm part in centre	clearance 0 - 2mm		
Keel	Vertikal section 2	clearance 2 - 4mm		
Keel	Horiz sect 75mm b BL	clearance 2 - 4mm		
Keel	Horiz sect 400mm b BL	clearance 2 - 4mm		
Keel	Trailing edge	clearance 1 - 0mm		
Rudder	Standard, profile	clearance 2 - 4mm		
Rudder	Standard, section 200	clearance 0 -1mm		
Rudder	Standard, section 400	clearance 0 -1mm		
Rudder	Standard, section 600	clearance 0 -1mm		
Rudder	Trailing edge	clearance 1 - 0mm		
Additional checks of dimensions given on drawing nr 1, 2, 9 and 10				
Hull	Over all length	$4178 \leq l \leq 4182\text{mm}$	mm	
Hull	Beam section 0	$537 \leq l \leq 541\text{mm}$	mm	
Hull	Beam section 2	$801 \leq l \leq 805\text{mm}$	mm	
Hull	Beam section 4	$303 \leq l \leq 308\text{mm}$	mm	
Hull	Aft end to section 0	$647 \leq l \leq 649\text{mm}$	mm	
Deck	Mast hole to sect 0	$l \leq 2043\text{mm}$	mm	
Deck	Shroud hole to sect 0	$1902 \leq l \leq 1922\text{mm}$	mm	
Deck	Shroud hole to Centre L	$250 \leq l \leq 260\text{mm}$	mm	
Deck	Stem to forestay extens.	intersection with deck $0 \leq l \leq 10\text{m}$	mm	
Date of measurement:		Place of measurement:		
Signature of measurer:				
Name of measurer:				