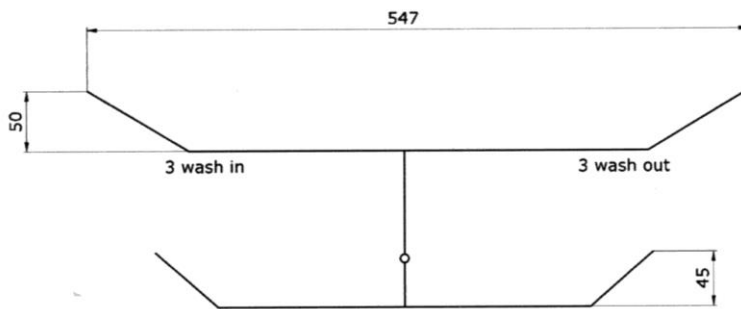
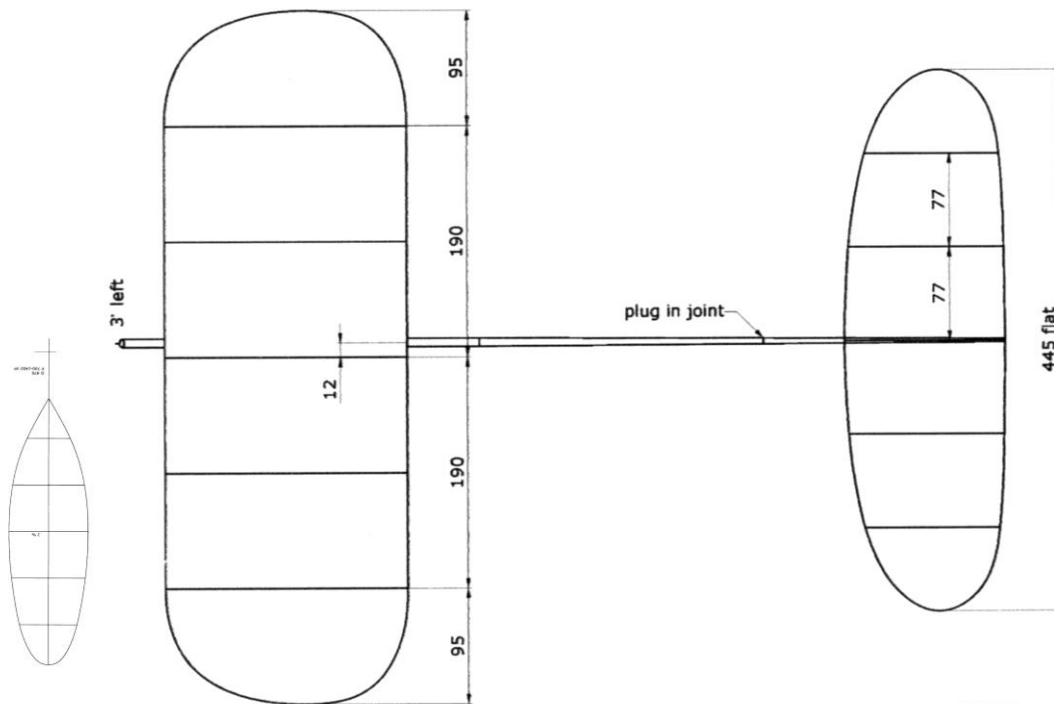


Densö ORSOVAI



front view

Weights:	mg
Wing	364
Stick & front boom	318
Stab & rear boom	246
Prop	257
Ballast	23
Total	1 208

Prop: D 470/P 700
 Rubber: 5/99 1,24 g/m
 592 mg 1758 turns

M 91 F1D – 55

Dezsö Orsovai – Hungary
 Bordeaux, Oct. 6, 2005
 E/Ch: 1 st place
 Best time: 35:55

parts	sizes, mm (boron & tungsten, in.)	density kg/m ³	weight mg
wing			
spars	1.41x0.92 < 1.8x0.92 (2x boron .003)	77	106
tips	1.3x0.9 > 0.9x0.6	85	54
middle ribs	1.2x0.62 4% ellipse	68	78
comp. ribs	1.3x0.63	81	
posts	1.47x1.32x90 (3x boron .003)	85	50
tubes	Ø1.7x8 jap. tissue		8
covering	Y2K2		
stick			
sheet	305x20x0.32 Ø6.5 (3x boron .004)	65	128
bracing post	1.24x0.95 > 1.0x1.0x30	86	5
bracing wire	.001 tungsten		
bearing	alu 0.55x1.2x14 orsi typ		18
rear hook	Ø0.31 music wire		18
front boom	240x18 > 15.3x0.25 (2x boron .003)	64	80

stab			
spars	1.3x0.82 > 0.93x0.6	77	64
ribs	1.0x0.5 2,5% ellipse	80	29
tubes	Ø1.5x5 jap. tissue		6
covering	Y2K2		
rear boom			
sheet	200x16.8 > 12x0.21 (2x boron .003)	64	39
posts	1.25x1.4x40 (2x boron .003)	85	17
prop			
outline	0.7x0.6 > 0.7x0.4	83	37
ribs	0,6x0,5 3% ellipse	77	16
spar	Ø1.7 > Ø0.5	90	78
covering	Y2K2		
shaft	Ø0.35 music wire		
VP	Banks style, spring Ø0.2, 3.5 turns		108