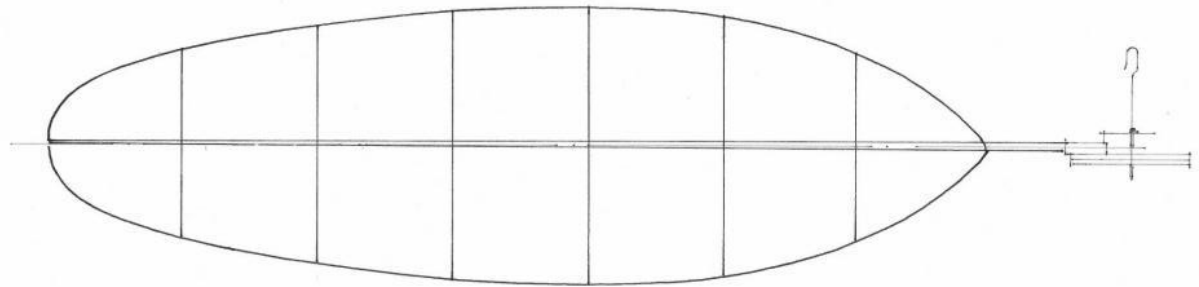


PROP, SIZE 1:1



DESCRIPTION OF MODEL

PARTS Sizes in mm, Tubes ϕ inside dia, Density $\frac{kg}{m^3}$

MOTOR STICK

SHEET 0.35, 2xBORON 0.08-380CLOCK, ϕ 6.3 65
BEARING HARLAN ALUMINIUM
REAR HOOK MUSIC WIRE 0.35 100
WEBS FRONT 1mm, REAR 0.6mm 150
DR. ROOF 1.5x1.5 - 1x1 x38
DR. WIRE TUNGSTEN 0.025 (HARLAN)
POSTS HM CARBON ϕ 1, INSERT IN GLASS FABR. TUBES ϕ 1.2
EXTENSION 0.3 + CARBON PAPER 49mm, L=40 65

DOOM

SHEET 0.25, 3xMICRON 0.08, 12, 4, 8, 0CLOCK, ϕ 6.3 > 3.5 62
POSTS 1x1.5x1.5 120
RUBBER OUTLINE: SANDWICH 0.5x0.5
RIBS: SANDWICH 0.5x0.25, 5% CAMBER

DIAD

2% CAMBER ARC

OUTLINE

SANDWICH: 0.6x0.7 (CARBON ON SIDES)
RIBS SANDWICH: 0.7x0.25
TUBES 1x1.5 GLASS FABRIC

WING

SPARS SANDWICH: 0.7x1.5 > 0.7 (CARBON TOP+BOTTOM)
TIPS SANDWICH: 0.7x0.6 (CARBON ON SIDES)
RIBS SANDWICH: 1.2x0.25 - COMPRESSION RIBS
 1x0.5 - MIDDLE RIBS
TUBES 1x1.5 GLASS FABRIC

PROP

ϕ 470x610/1200

OUTLINE

0.5x0.5 120
SPAR 1.6x1.6 > 0.5x0.5 + 4xBORON 0.08 70
RIBS SANDWICH 0.5x0.25, 5% CAMBER

COVERING

05 FILM - ALL SURFACES

SANDWICHES

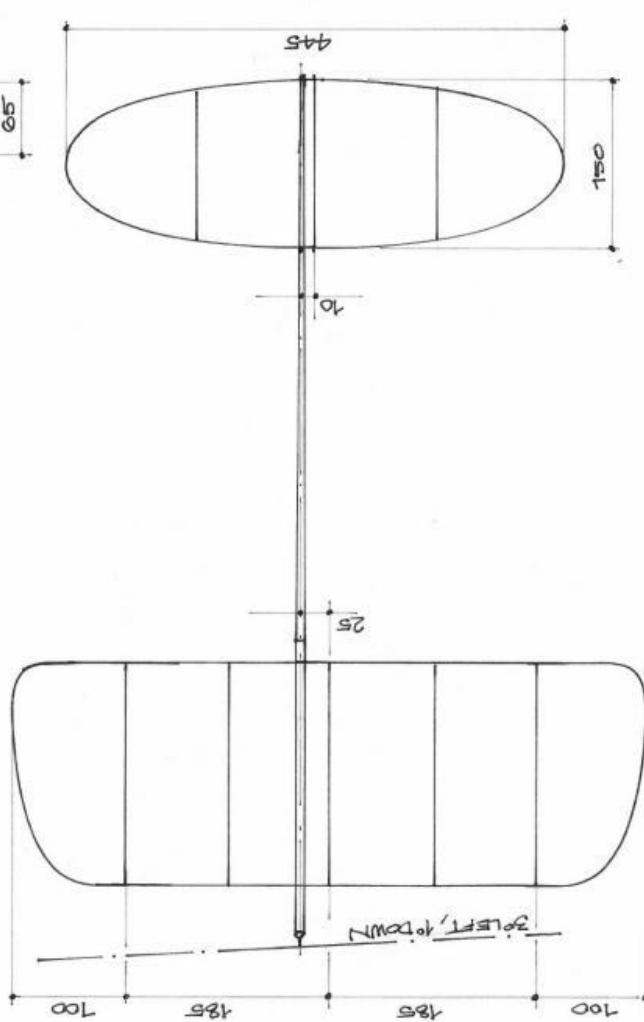
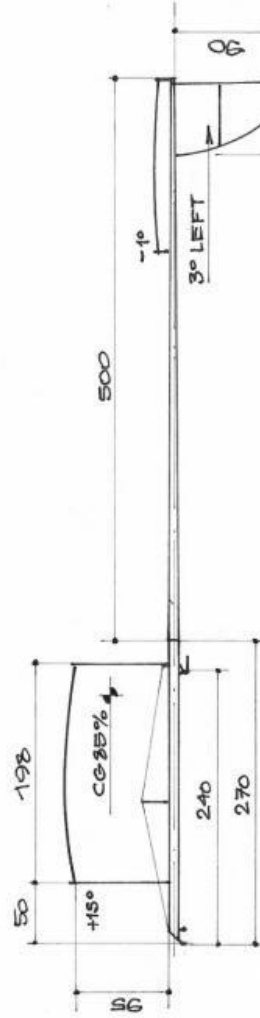
3x0.35 A-GRAIN (60kg/m³) + CARBON TAPES
 30mm (FROM 1MG 65 CARBON SPREAD IN FABRIC
 GOING) - LAMINATED IN FORM, THEN CUT
 TO THICKNESS WITH DIAMOND WHEEL IN A JIG.
 CARB FABRIC: AERO, EXTREME ...

CARD.ROOTS

HM CARBON - CARBON TAPES FROM SPREAD
 TON FABRIC 100mm (PROFIL, EXTREME ...)
 + 2x GLASS FABRIC 17kg/m³

GL. TUBES

2x GLASS FABRIC 190mm WINDING ON
 THE FORM (ϕ 1, ϕ 1.2, 1x1.5)



FRONT VIEW

WEIGHTS (MG)

STICK	400
BOOM + RUDDER	220
STAB	140
WING	350
PROP	250
SPACER	60
TOTAL	1420