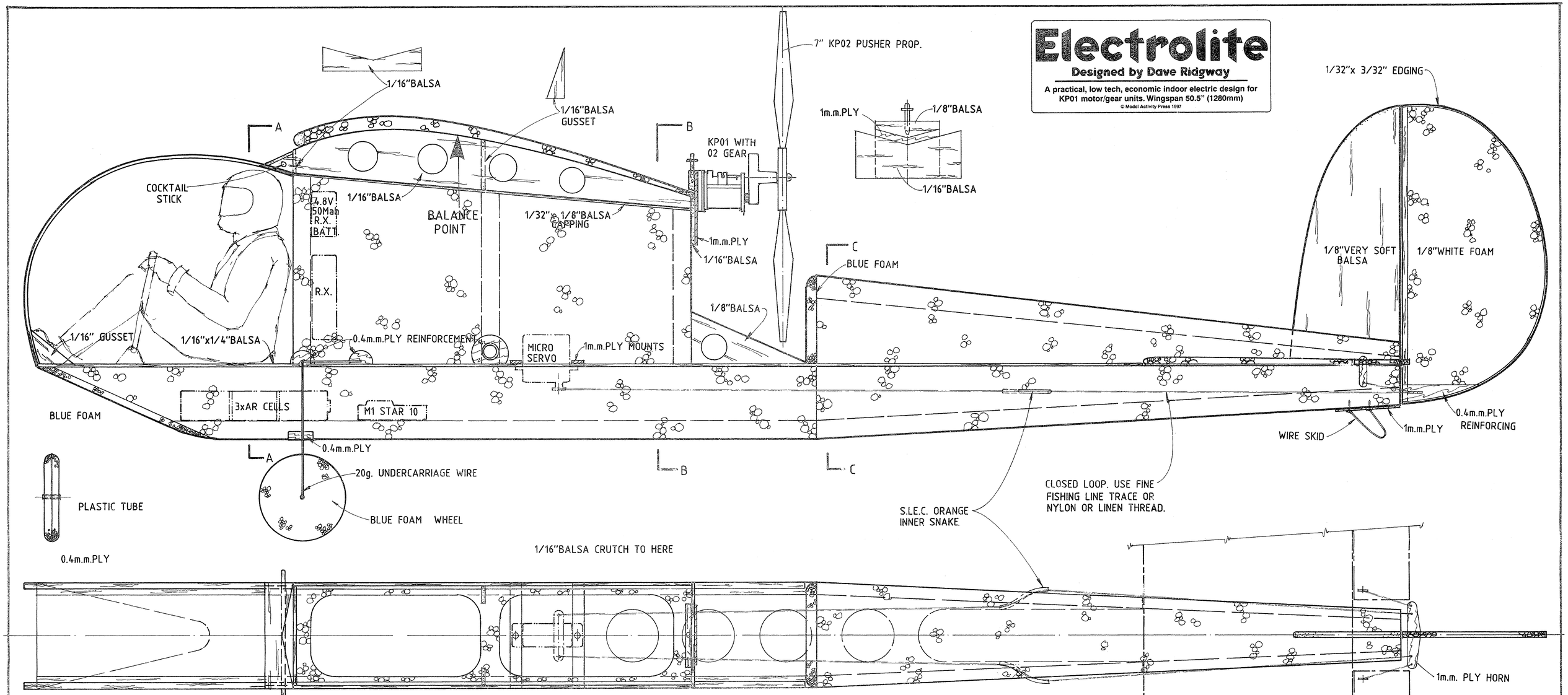
Electrolite

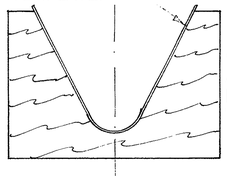
Designed by Dave Ridgway

A practical, low tech, economic indoor electric design for KP01 motor/gear units. Wingspan 50.5" (1280mm)

© Model Activity Press 1997

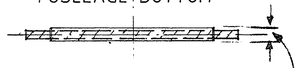


THIN ALI. OR LITHO PLATE STRIP (CUT WITH STANLEY KNIFE). USE CONTACT GLUE(EVO-STICK TYPE) TO GLUE ON. THEN,LIGHTLY RUB WITH 1000 GRADE WET 'N DRYTO SMOOTH SURFACE. USE 2 OR 3mm LITEPLY FOR TEMPLATE.



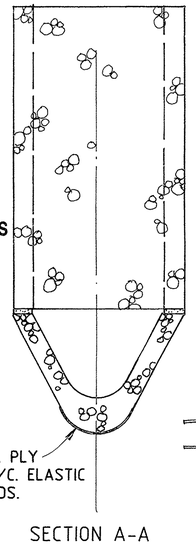
QUICK AND EASY TEMPLATES

FUSELAGE BOTTOM

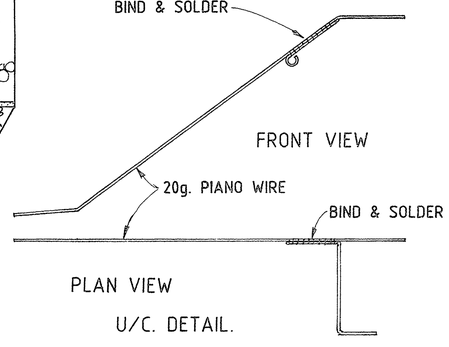


MAKE ALI. (LITHOPLATE) APPROX 1mm WIDER THAN TEMPLATE.

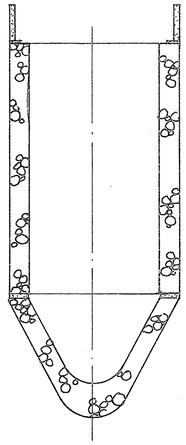
USE LARGE "T" PINS TO FIX TO FOAM,PRESSING EDGE OF LITHOPLATE INTO FOAM.



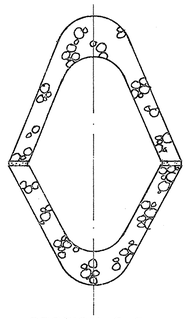
SECTION A-A



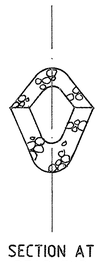
U/C. DETAIL.



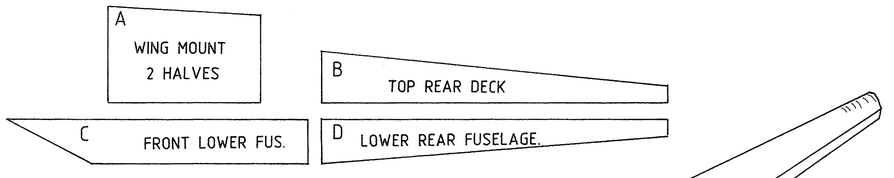
SECTION B-B

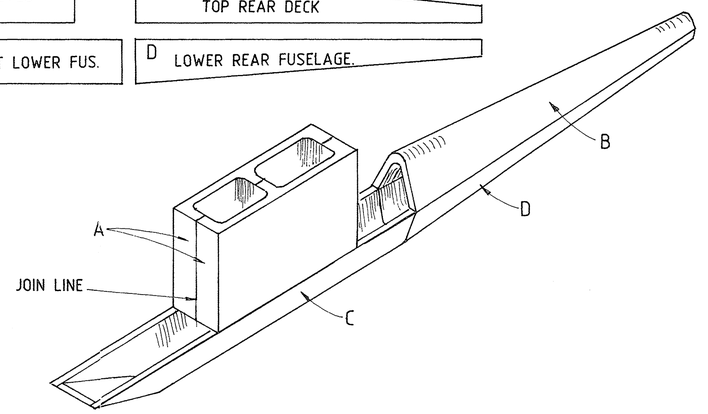


SECTION C-C



SECTION AT REAR END.





1/4"x5/16"LEADING EDGE

1m.m. PLY BRACE

6 1/4" DIHEDRAL UNDER EACH WINGTIP

WING FROM WHITE FOAM.

0.4m.m. PLY TOP & BOTTOM

3/16" TRAILING EDGE-START WITH 3/16"SQ.(SOFT) & SAND TO MATCH T.E.

ROOT SECTION

TIP SECTION

TAILPLANE WHITE FOAM

0.4m.m.PLY HORNS

DOWN ELEVATOR STOP

1m.m. PLY BRACE

1/8"SQ. LEADING EDGE

1/32"BALSA SHEET BRACE

1/32"EDGING

1/16"SHEET

HORN POSITIONS

1/8"SQ. BALSA

ROOT TEMPLATE

BASE LINE FOR UNDERSURFACE CUT

BASE LINE FOR TOP SURFACE CUT

TIP TEMPLATE

LINE FOR WING UNDER SURFACE CUT (UNDERCMBER)

BASE LINE FR TOP SURFACE CUT

FOAM CUTTING

1. Pin through templates with large "T" pins as shown.
2. Cut out "inside" first, then move template down until desired wall thickness is obtained.
3. Fix foam black (of required size) securely to bench, either bytape (double sided), or weight on top - but make sure weight does not interfere with hot wire!.
4. Use light pressure on templates and cut in smooth action. Do not worry aboutsmall ridges, these can be sanded out.

LARGE "T" PINS

FOAM BLOCK

LIGHT PRESSURE

EXTERIOR CUTTING TEMPLATE

FUSELGE THICKNESS AFTER EXTERIOR & INSIDE CUTS

WING MOUNT TEMPLATE 2off.

EXTERIOR

INSIDE

TEMPLATES FUSELAGE TOP-REAR

EXTERIOR

INSIDE

TEMPLATES SECTION C-C BOTTOM

EXERIOR

INSIDE

TEMPLATES FUSELAGE REAR-BOTTOM

EXTERIOR

INSIDE

TEMPLATES SECTION C-C TOP