

**Quiet & Electric  
Flight** International

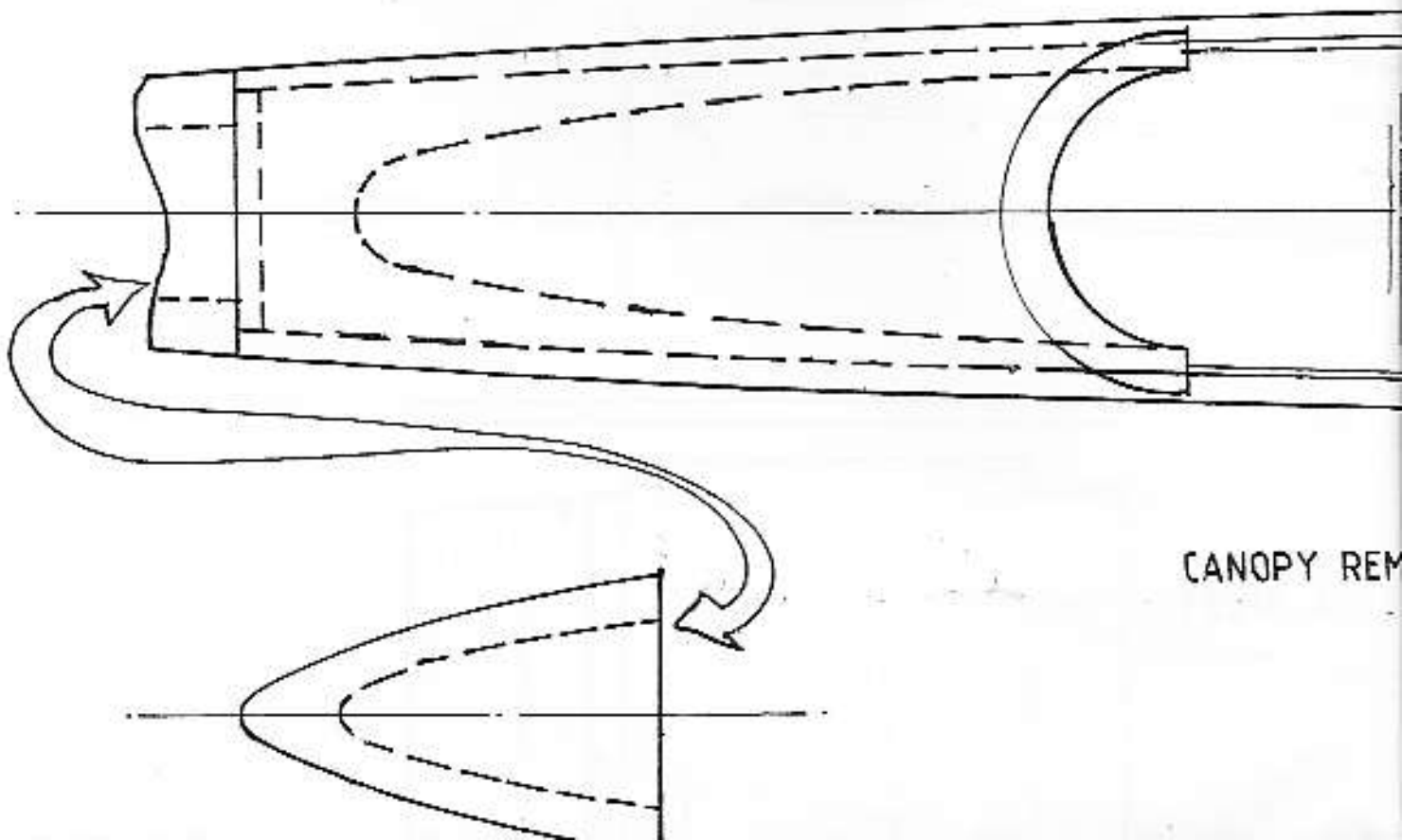
**MW3136  
Pushy Cat**

Designed by Ron Loden

A 36" span twin-boom electric sports model for a single  
400 size brushless motor and 3-function micro radio

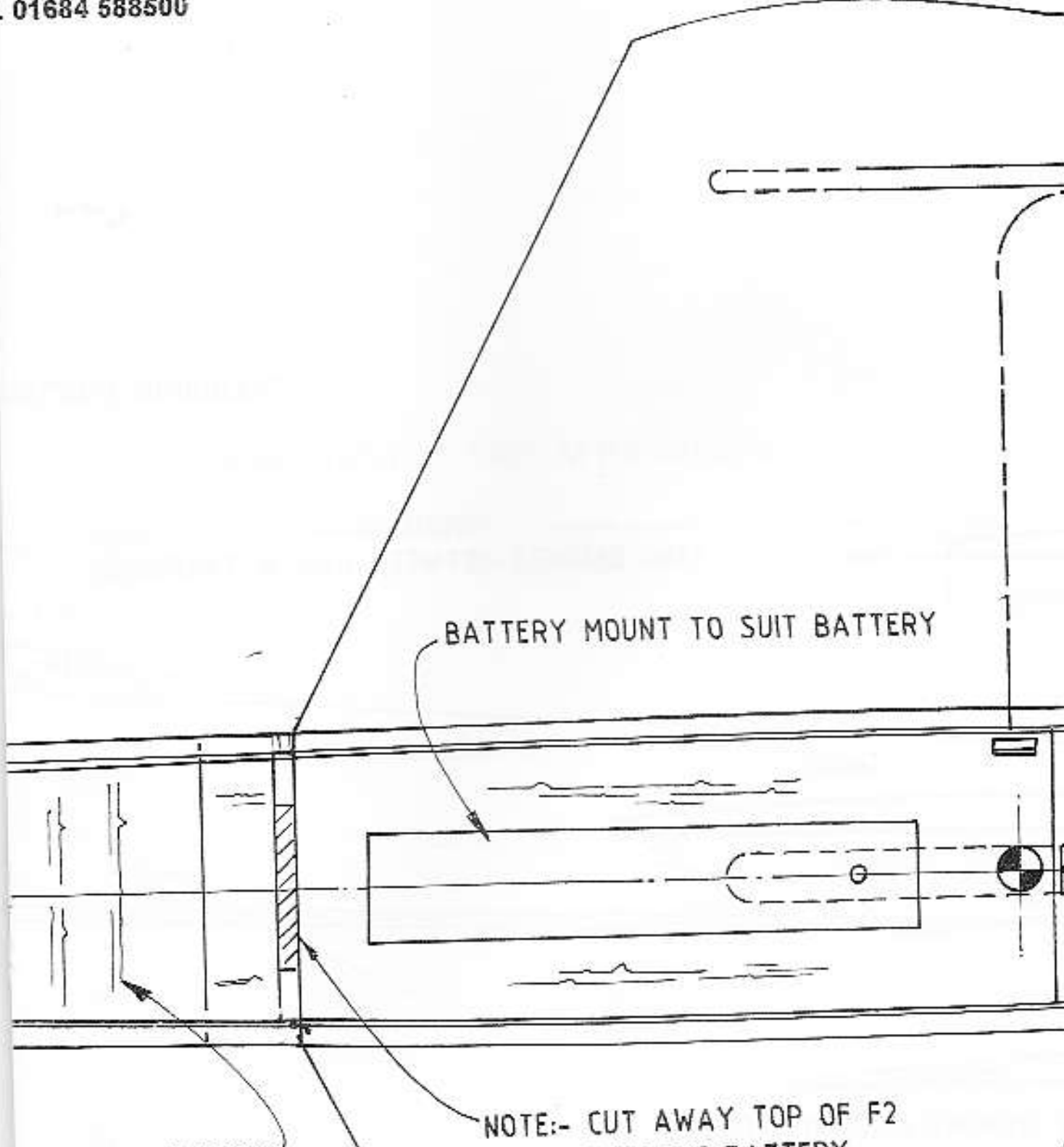
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A 36" TWIN BOOM SPORTS MODEL FOR  
400 SIZE BRUSHLESS MOTORS &  
WITH MICRO RADIO ON 10CELLS/LIPO'S



CANOPY REM

APLET PUBLICATIONS LTD.  
I. 01684 588500



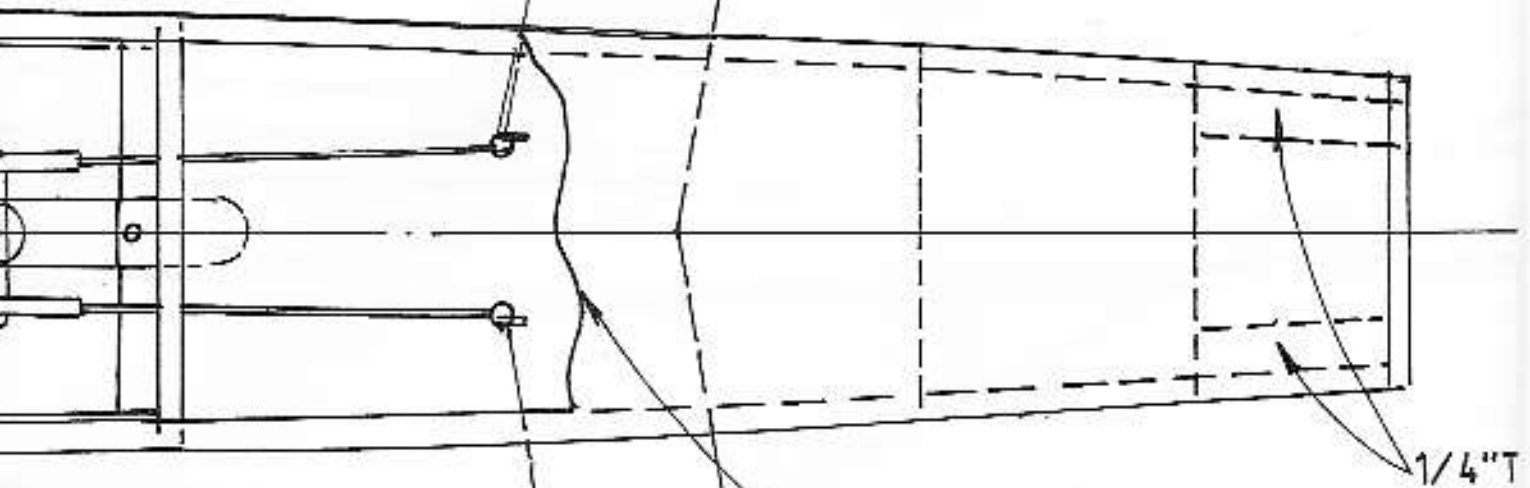
BATTERY MOUNT TO SUIT BATTERY

MOVED FOR CLARITY

NOTE:- CUT AWAY TOP OF F2  
TO ACCOMODATE BATTERY  
AS RE

1/4"

TRACK OF SERVO LEAD  
- GLUE FLAT TO UNDERSIDE

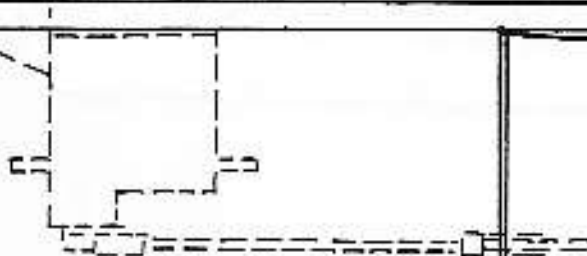


□ BALSA SERVO RAILS

REAR UPPER SHEETING  
CUT AWAY FOR CLARITY

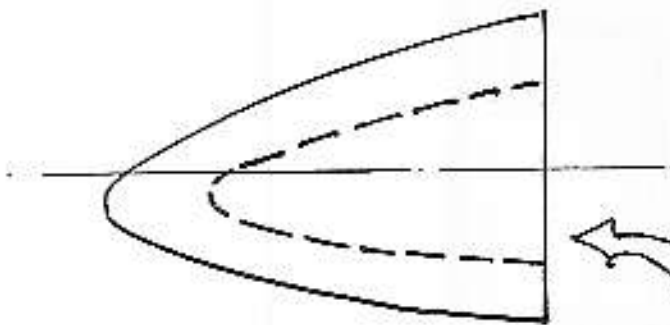
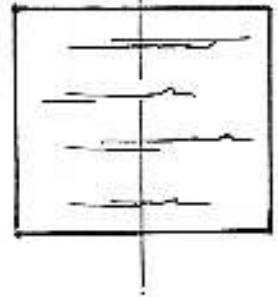
1/4" T

SERVO FIXED TO UNDERSIDE  
OF TAILPLANE WITH SERVO  
TAPE

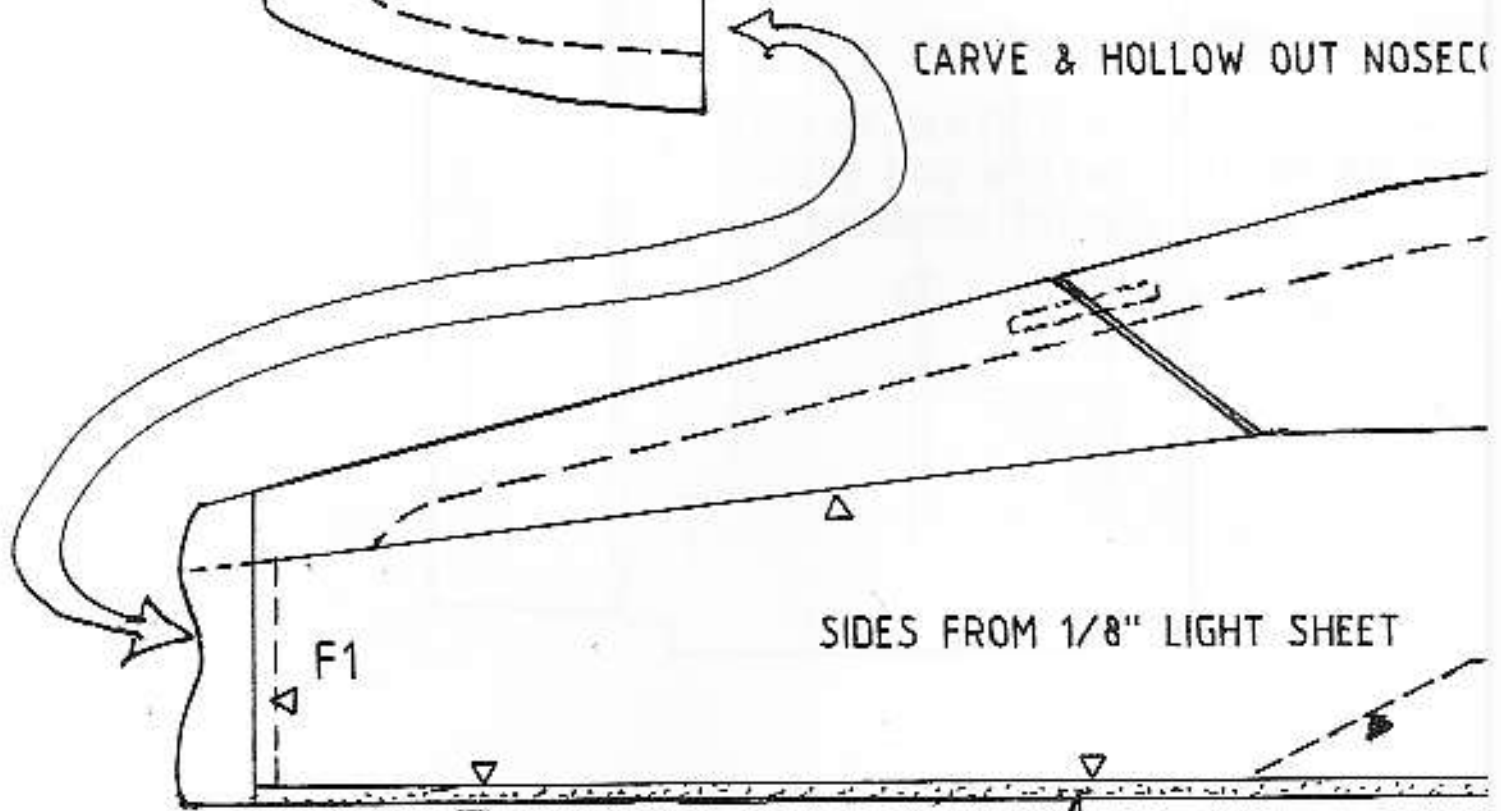


TRIANGLE SECTION CORNERS

F1 1/8" Balsa



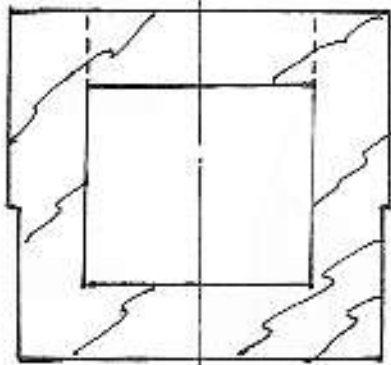
CARVE & HOLLOW OUT NOSE SECTION



SIDES FROM 1/8" LIGHT SHEET

MEDIUM 1/8" Balsa SHEET  
(GRAIN CROSSWAYS)

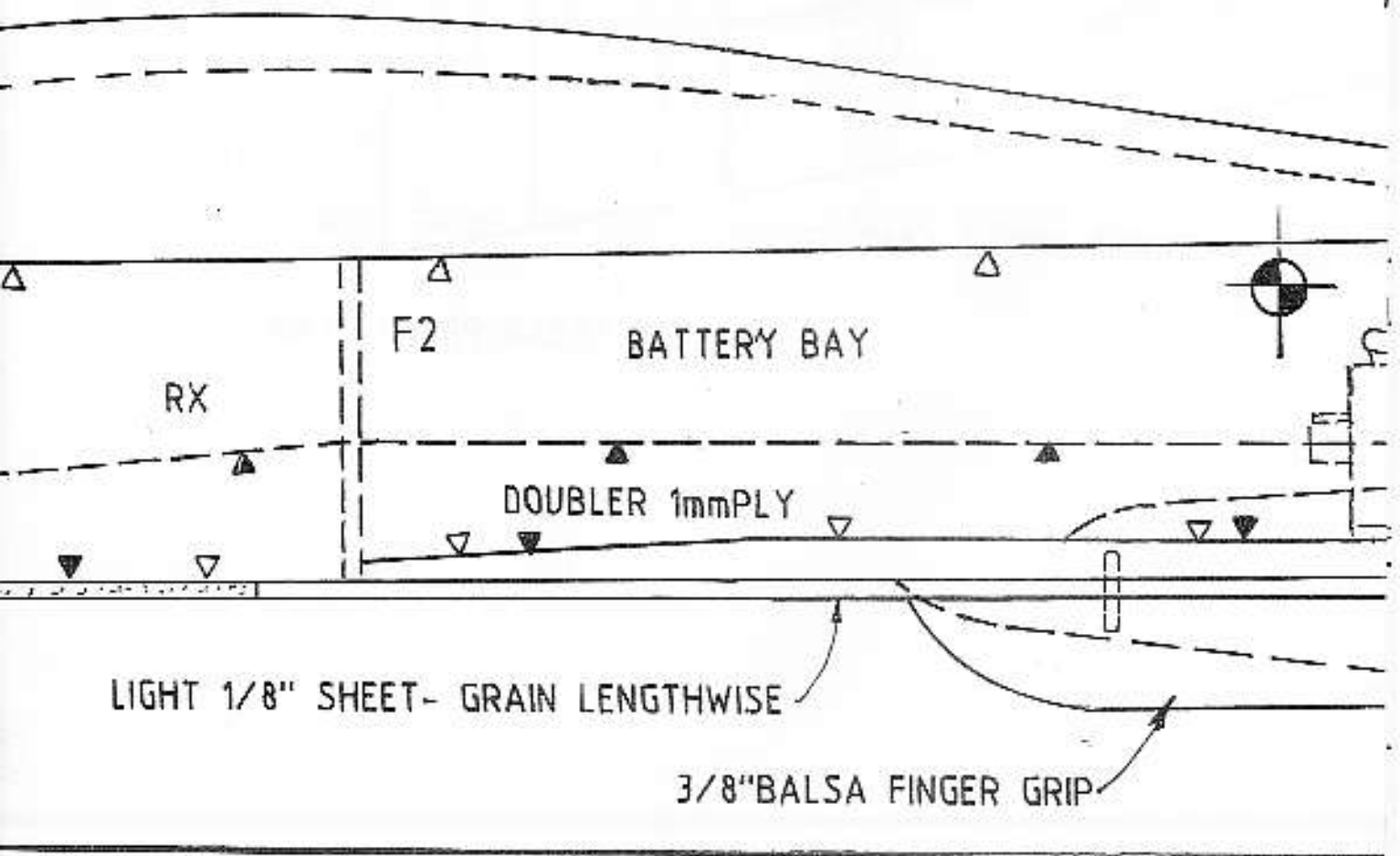
F2 1/8" (3mm) LITEPLY  
SEE NOTE

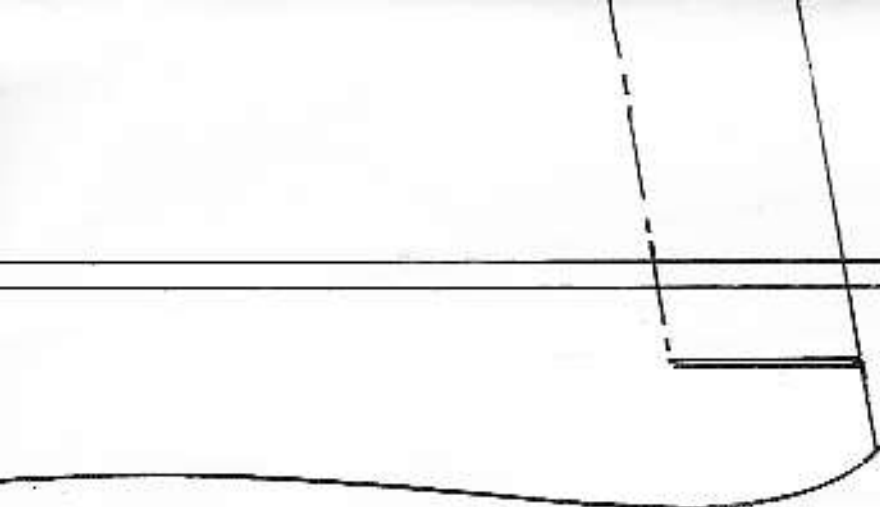


△ INDICATES FUSELAGE SIDES  
▲ INDICATES PLY DOUBLERS

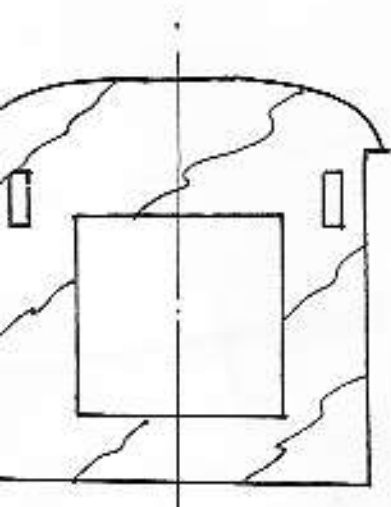
LINE

HOLLOWED OUT SOFT Balsa CANOPY

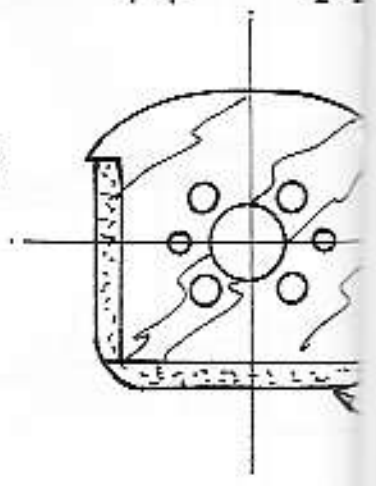




F4 2-3



HOLES FOR CTRL. BATTERY LEADS  
(SIZE TO SUIT)

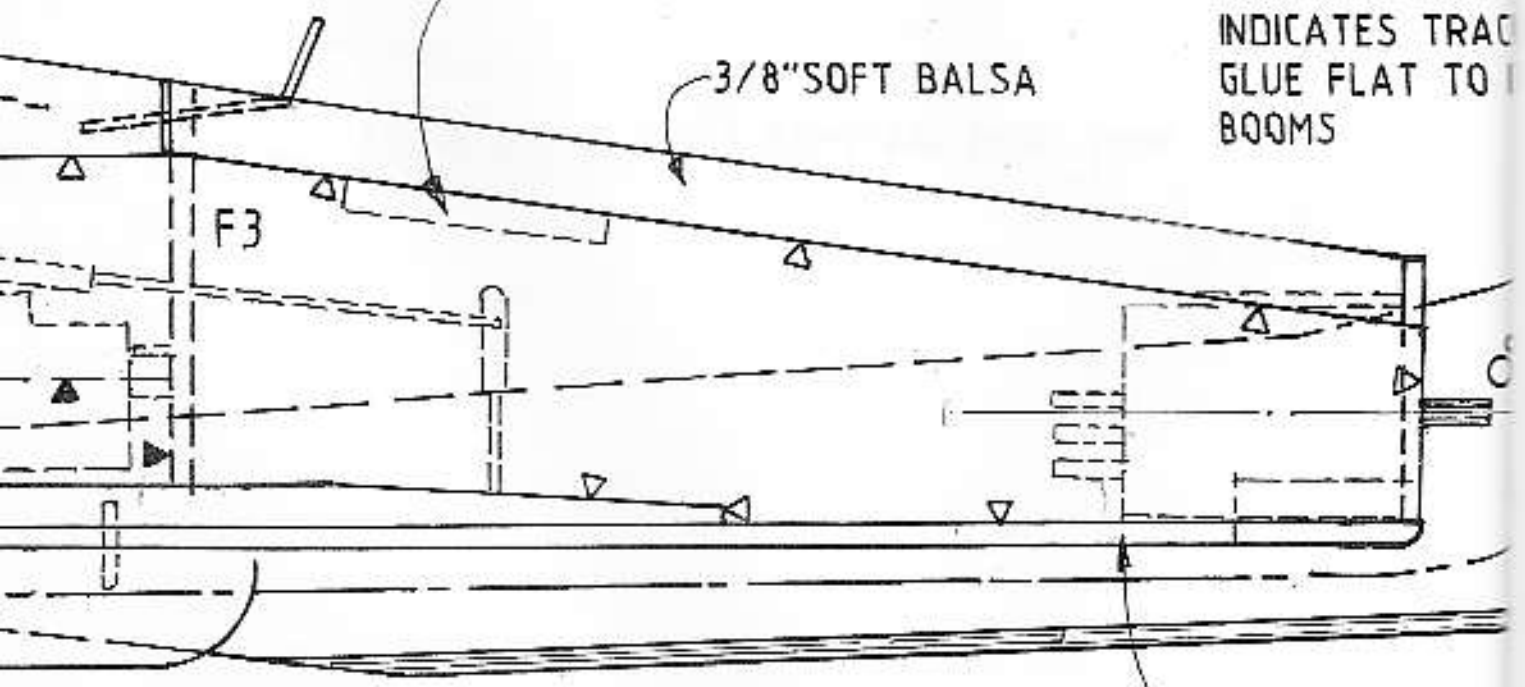


F3 1/8" (3mm) LITEPLY

CONTROLLER FIXED WITH VELCRO

3/8" SOFT BALS

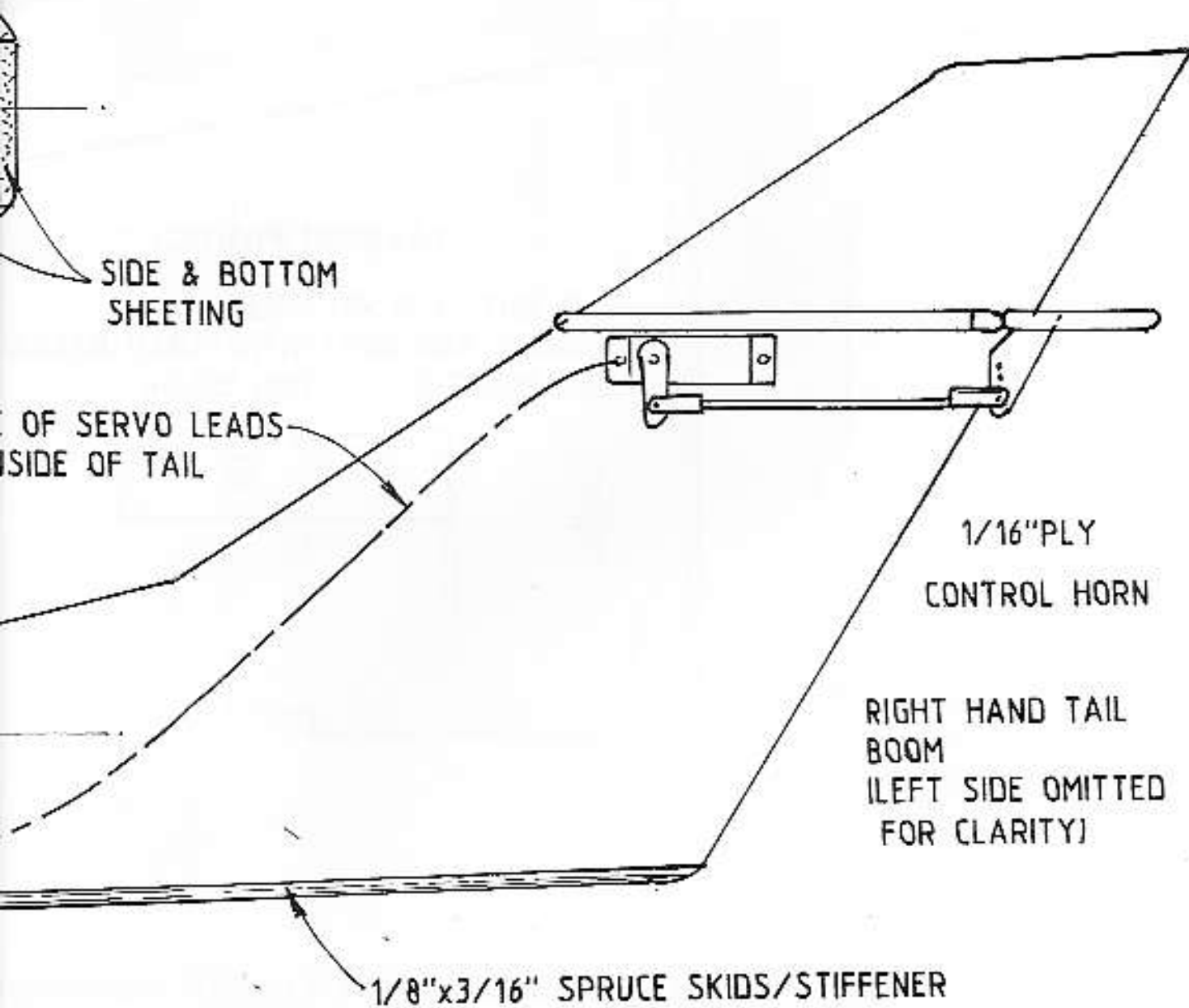
INDICATES TRACK  
GLUE FLAT TO  
BOOMS



F3

MOTOR ACCESS

mm PLY



SIDE & BOTTOM SHEETING

OF SERVO LEADS  
INSIDE OF TAIL

1/16" PLY  
CONTROL HORN

RIGHT HAND TAIL  
BOOM  
(LEFT SIDE OMITTED  
FOR CLARITY)

1/8"x3/16" SPRUCE SKIDS/STIFFENER



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400 size brushless motor and 3-function micro radio

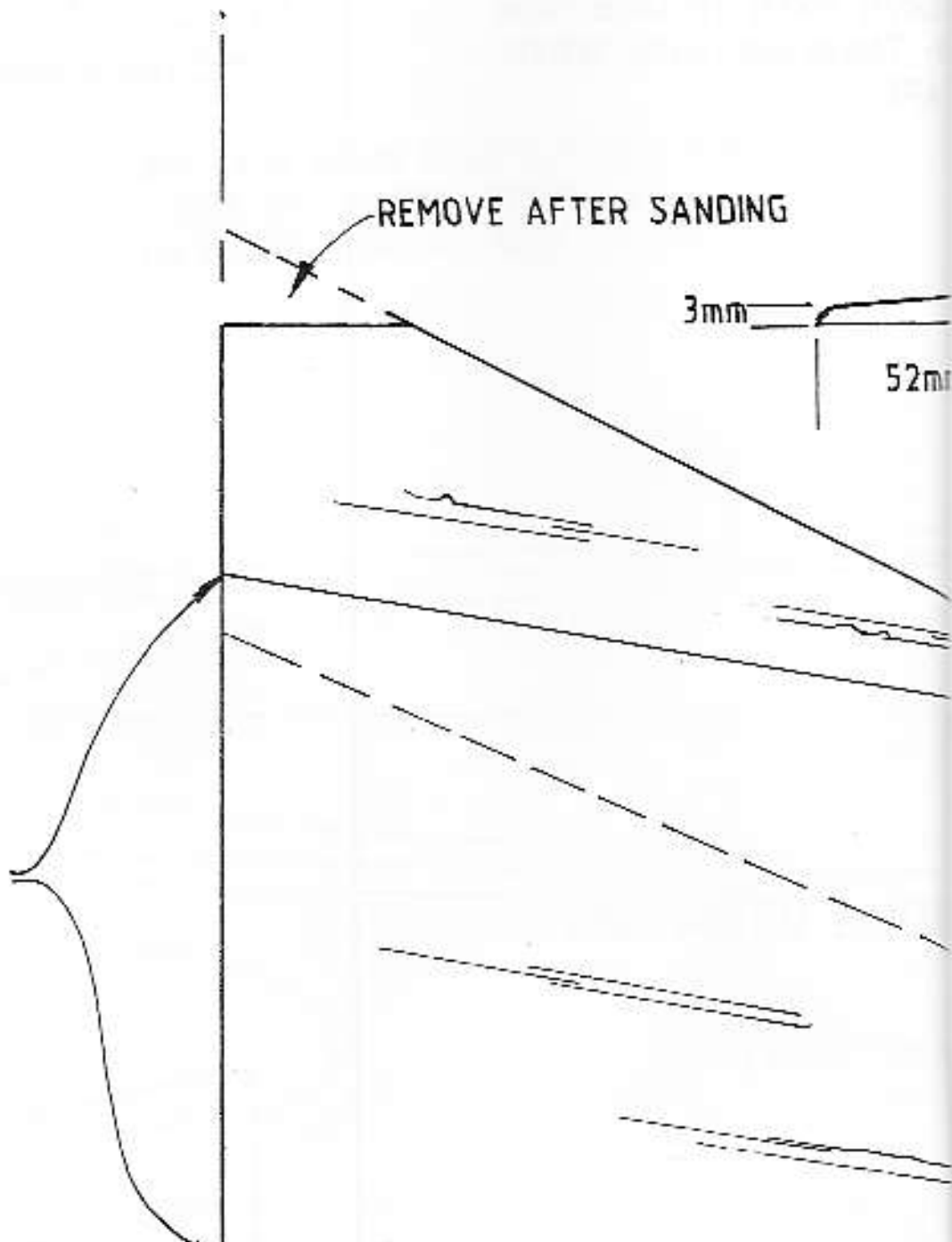
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100mm  
WING PANELS

REMOVE AFTER SANDING

3mm

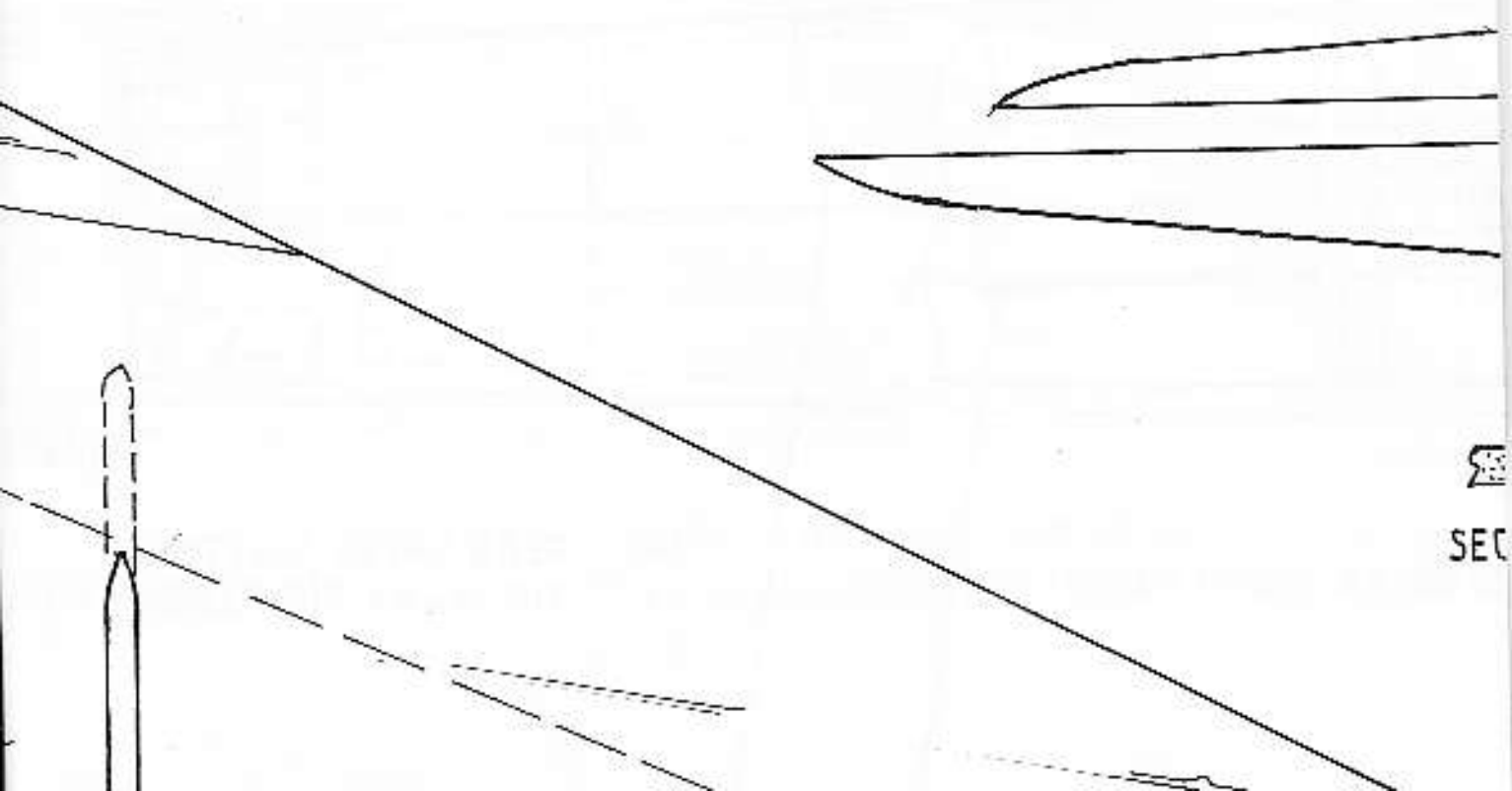
52mm



WING PROFILE AT ROOT AFTER SANDING

T/E

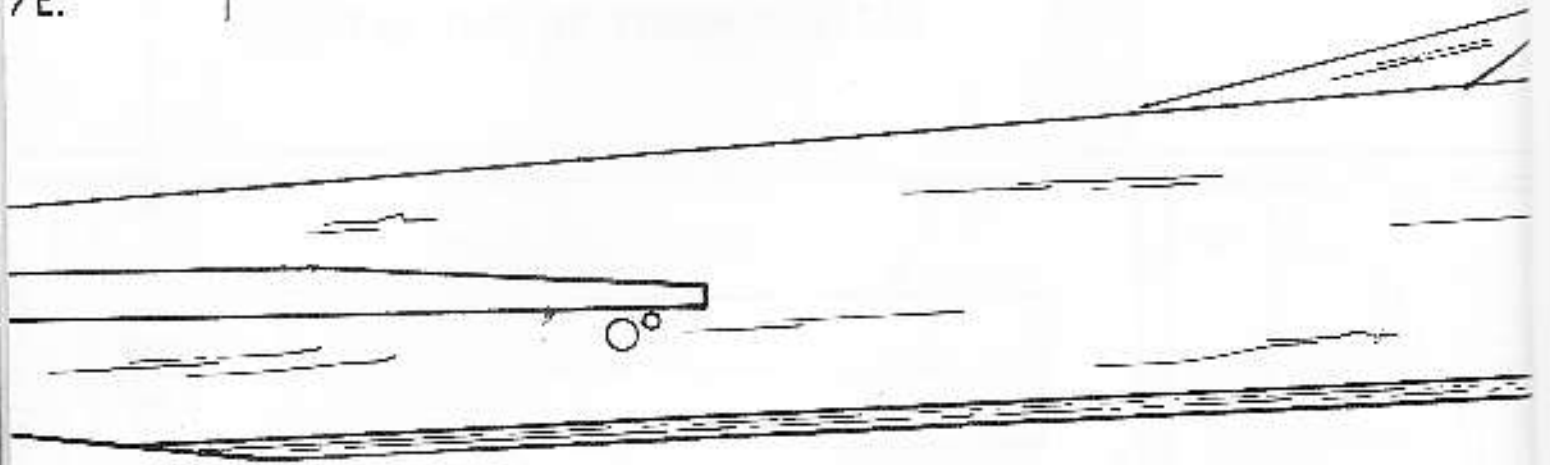
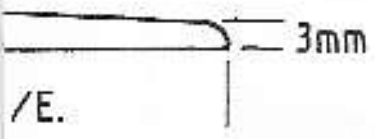
58mm L



SEC

TAILBOOMS 3/16" LIGHT

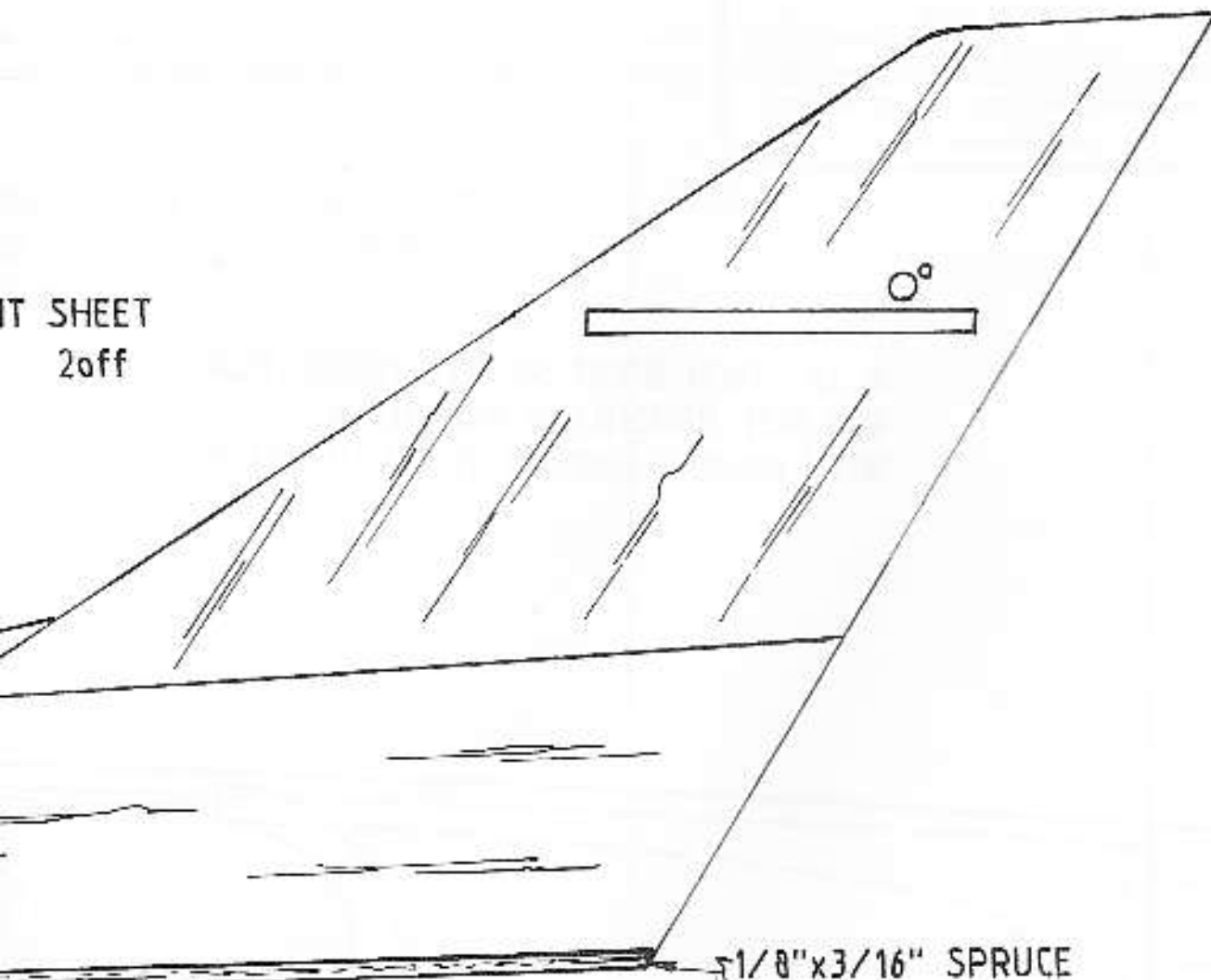
"INCIDENCE"  
ZERO DEGREES BETWEEN WING & TAILPLANE



...TION SHOWING AILERON HINGE

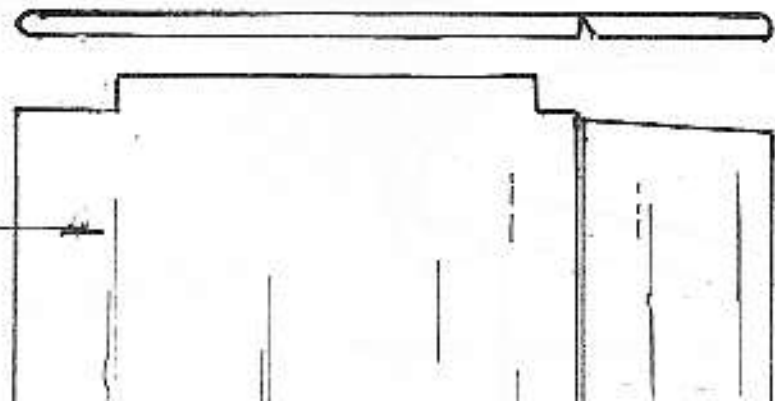
TAILPLANE 1/8" LIGHT

IT SHEET  
2off

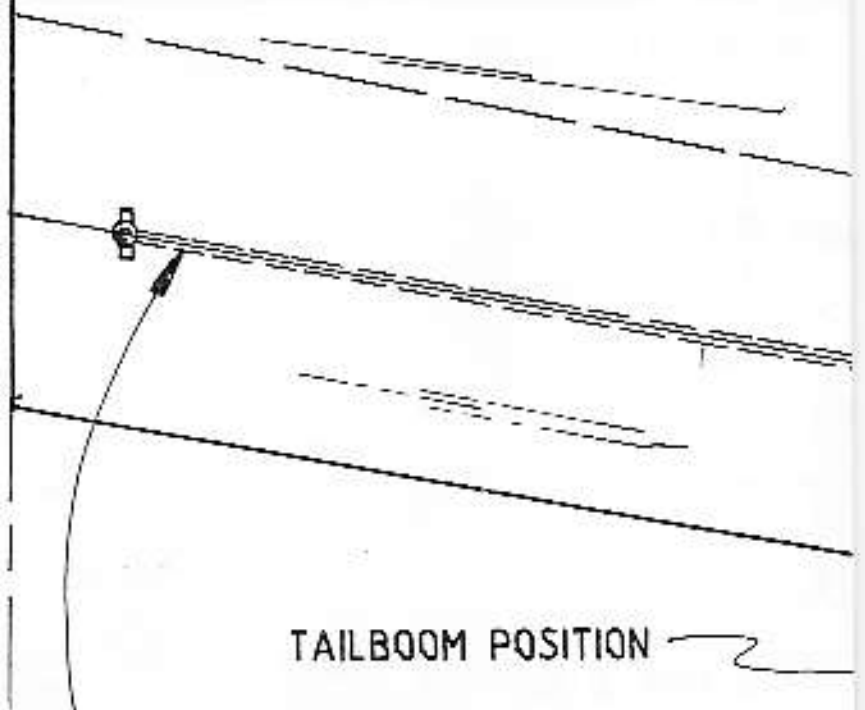


1/8" x 3/16" SPRUCE

BALSA SHEET

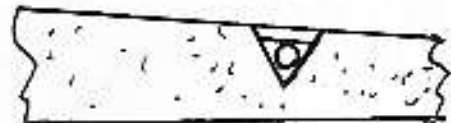


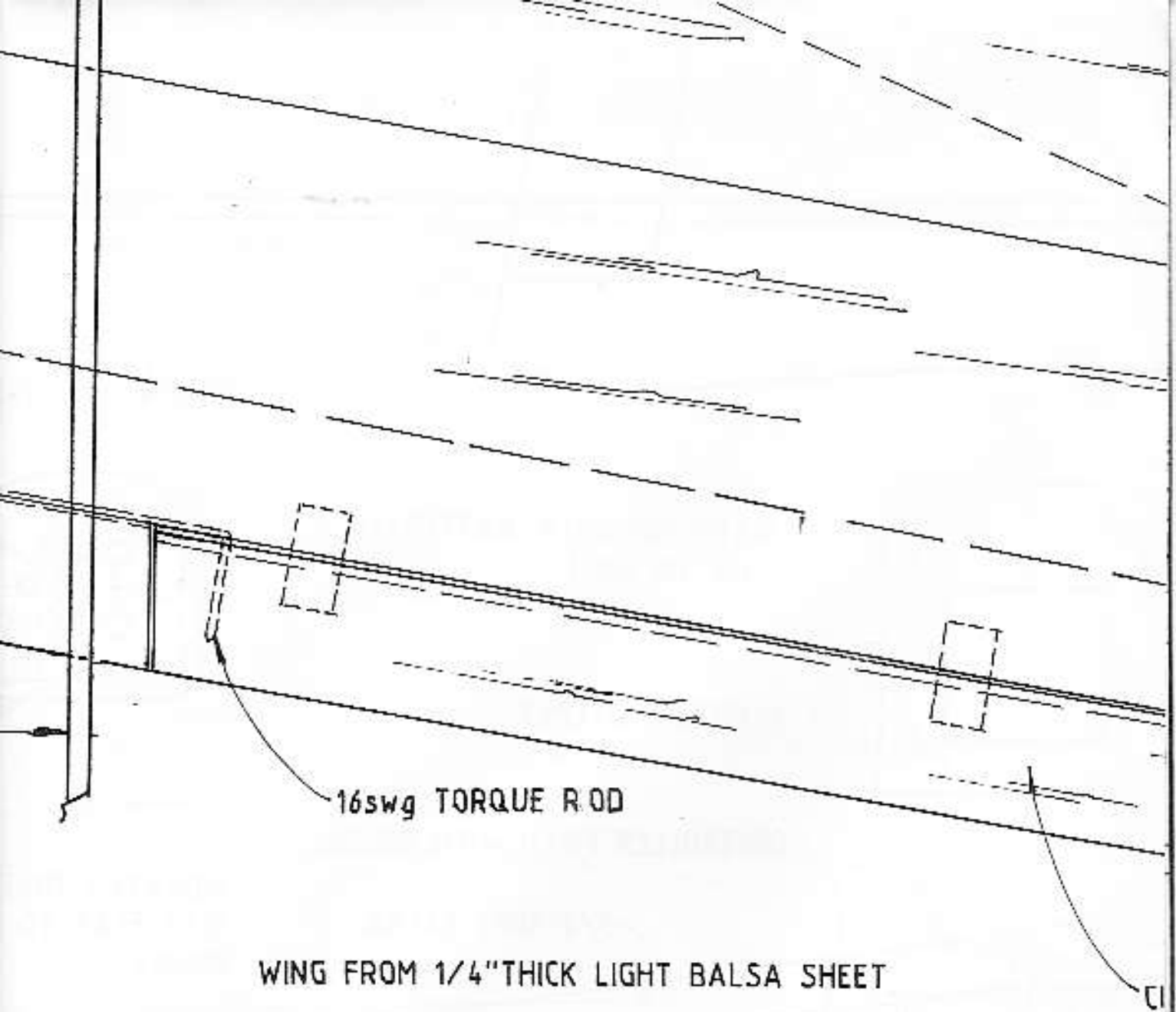
TOP VIEW STARBOARD WING



TAILBOOM POSITION

CUT OUT SLOT TO HOLD  
TORQUE ROD INFILL WITH SCRAP Balsa  
SEE ENLARGED SECTION BELOW





16swg TORQUE ROD

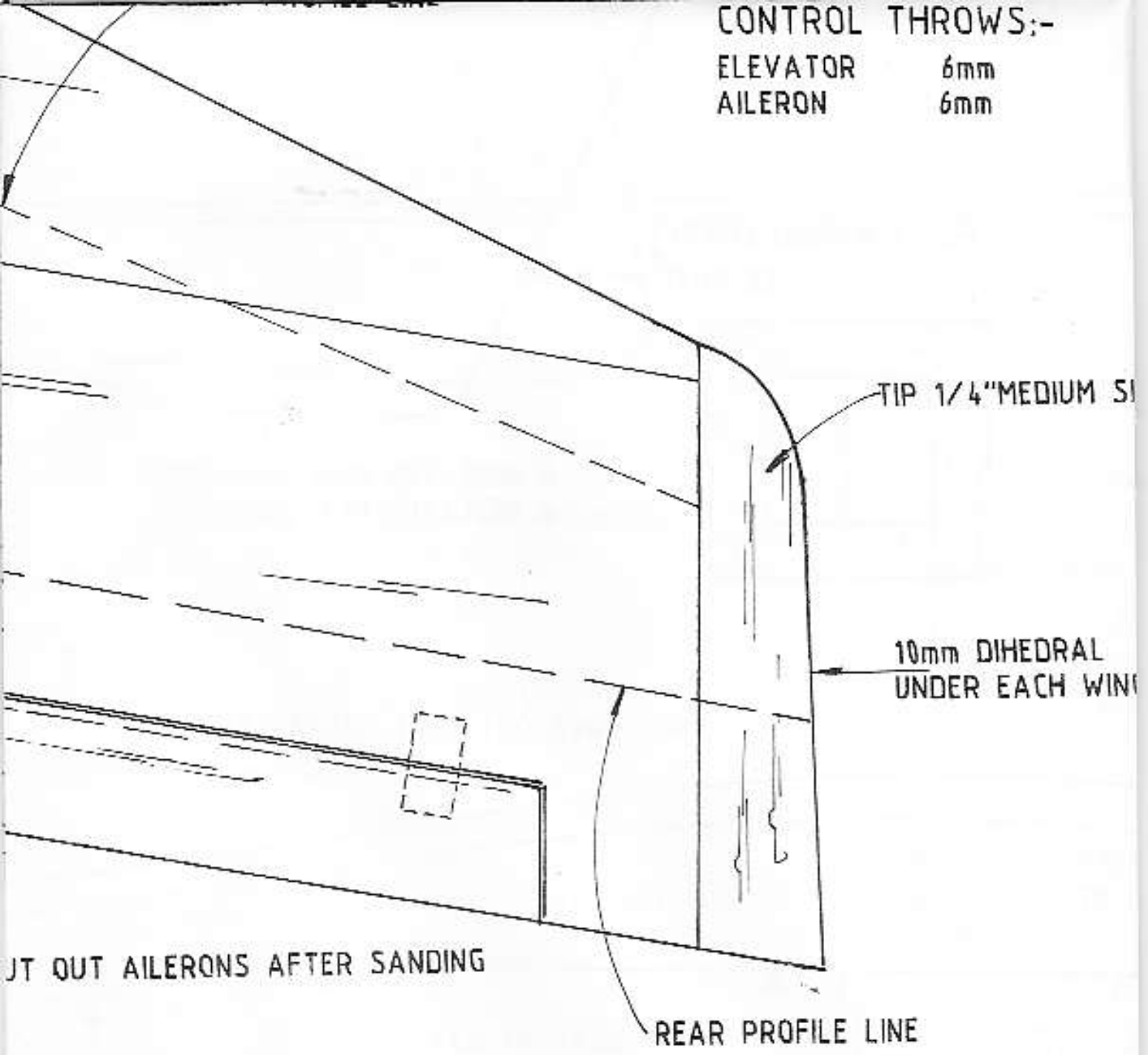
WING FROM 1/4" THICK LIGHT BALSA SHEET

CL

CONTROL THROWS:-

ELEVATOR 6mm

AILERON 6mm



TIP 1/4" MEDIUM SAND

10mm DIHEDRAL  
UNDER EACH WING

CUT OUT AILERONS AFTER SANDING

REAR PROFILE LINE

HEET

TIP

