

# CHILLI BREEZE!

DESIGNED BY Mike Delacole.

A 48" WINGSPAN AEROBATIC MODEL FOR .25 TO .36cu.in. ENGINES

THE PROTOTYPE HAD A BUILT UP WING & WAS COVERED AND TRIMMED USING SOLA FILM READY TO FLY WEIGHT WAS 3lbs. 5oz. POWER WAS PROVIDED BY AN O.S.32F ABC TURNING AN APC 9"x7" PROPELLER.  
THE CHILLI BREEZE IS SMOOTH & PRECISE, AND WITH THE ENGINES IN THE RECOMMENDED RANGE HAS EXCELLENT VERTICAL PERFORMANCE  
IT ALSO HAS VERY FRIENDLY SLOW SPEED CHARACTERISTICS.

### SUGGESTED CONTROL THROWS:

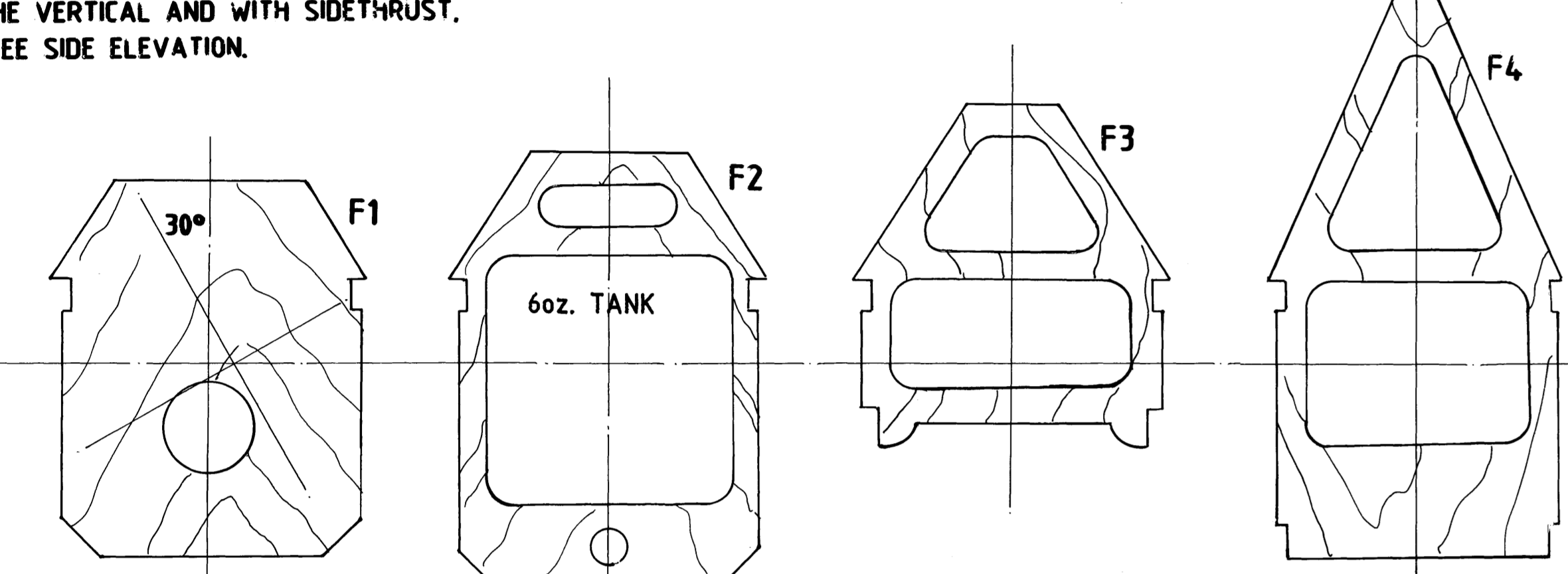
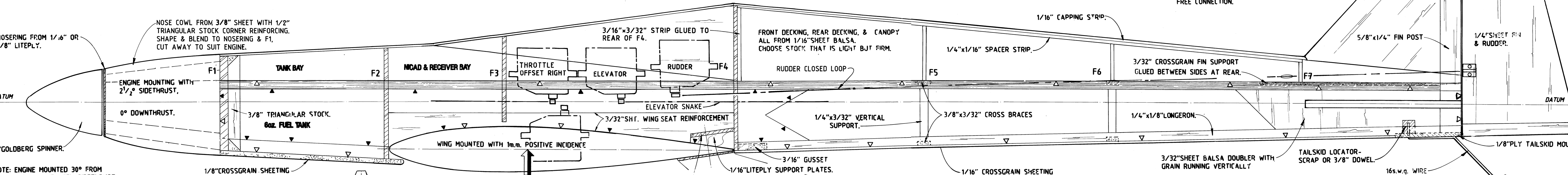
ELEVATOR: 3/8" UP & 1/2" DOWN  
AILERON : 1/4" UP & 3/16" DOWN  
RUDDER : 1/4" EACH WAY.

THESE ARE A STARTING POINT. ADJUST TO SUIT YOUR PERSONAL PREFERENCE.

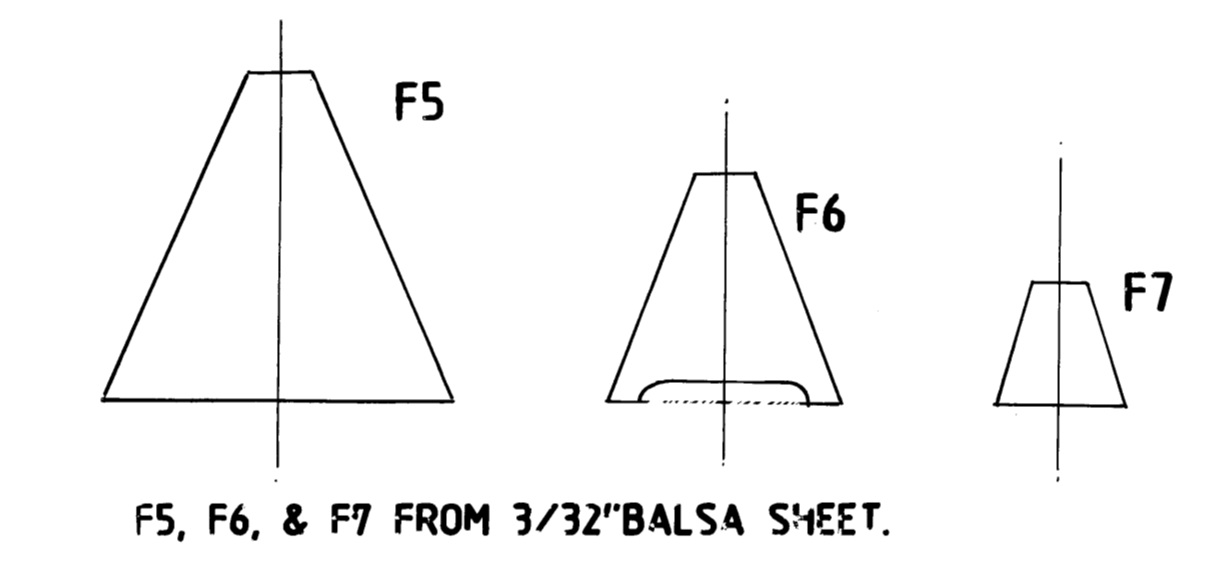
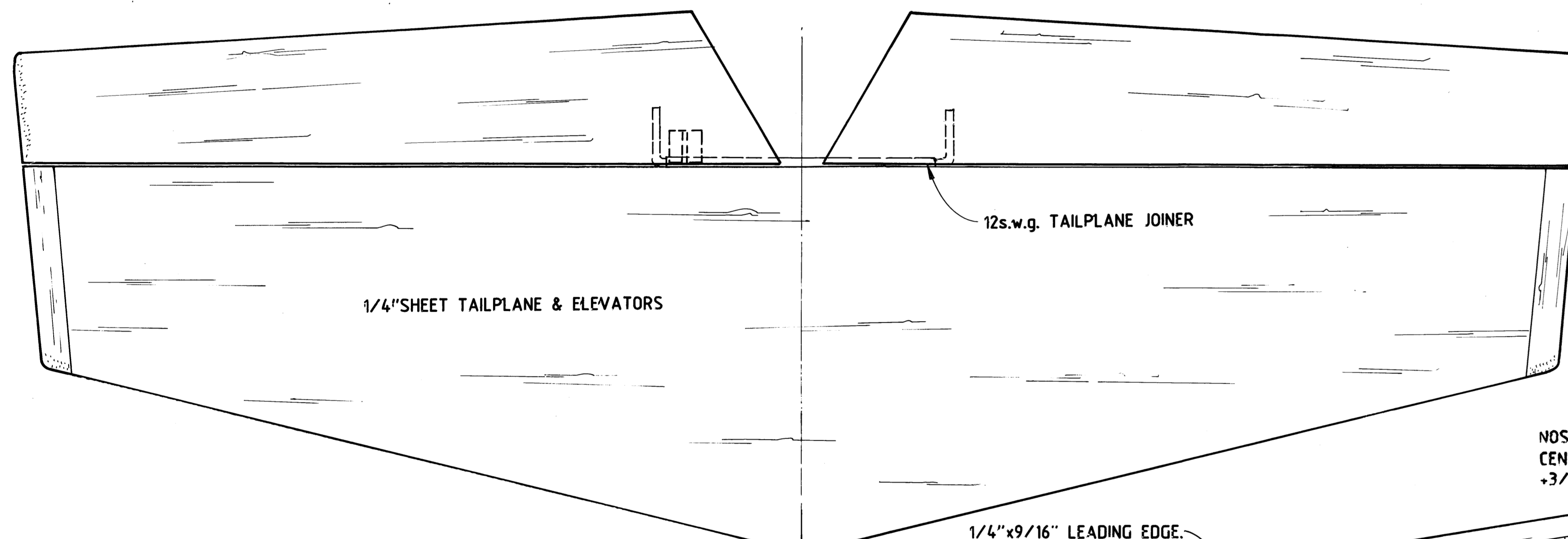
1/4"x1/8" LONGERONS FROM SPRUCE OR HARD BALSA.

CLOSED LOOP RUDDER CONTROL LINKAGE

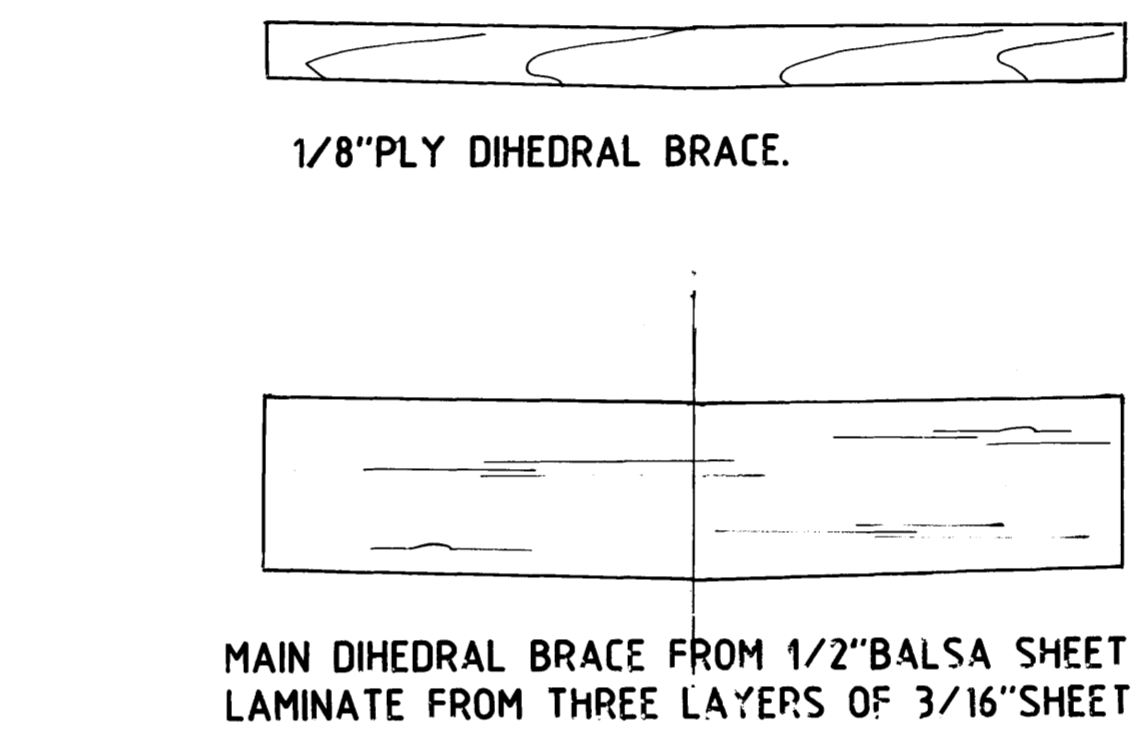
NOTE:-  
RUDDER IS OPERATED BY A CLOSED LOOP WITH THE CONTROL HORNS MOUNTED ABOVE THE TAILPLANE.  
ELEVATOR CAN BE CONTROLLED BY A SINGLE PUSHROD CONNECTION PLUS WIRE ELEVATOR JOINER (AS DRAWN) OR BY USING A FORKED PUSHROD, WHICHEVER METHOD YOU USE MAKE VERY SURE THAT IT IS A TOTALY SLOP FREE CONNECTION.



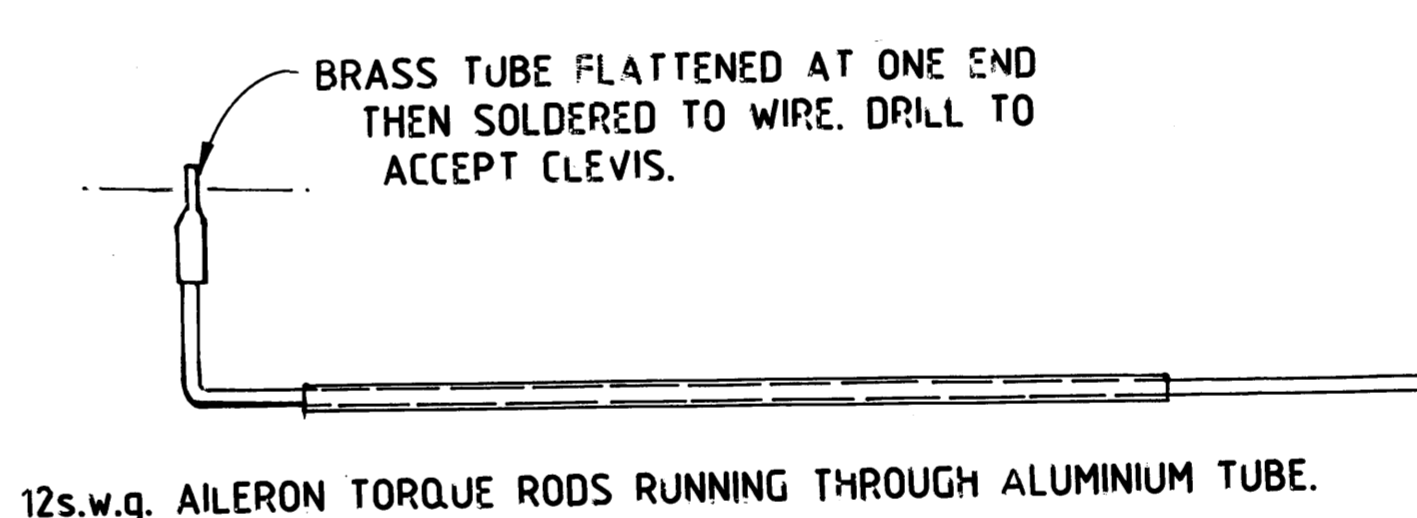
FOAM WING VERSION WEIGHED 3lbs. 8oz. AND WAS POWERED BY AN IRVING 36abc TURNING A APC 10x8" PROP.  
F2, F3, & F4 FROM 1/8" PLY (F3 & F4 COULD BE FROM LITEPLY.)



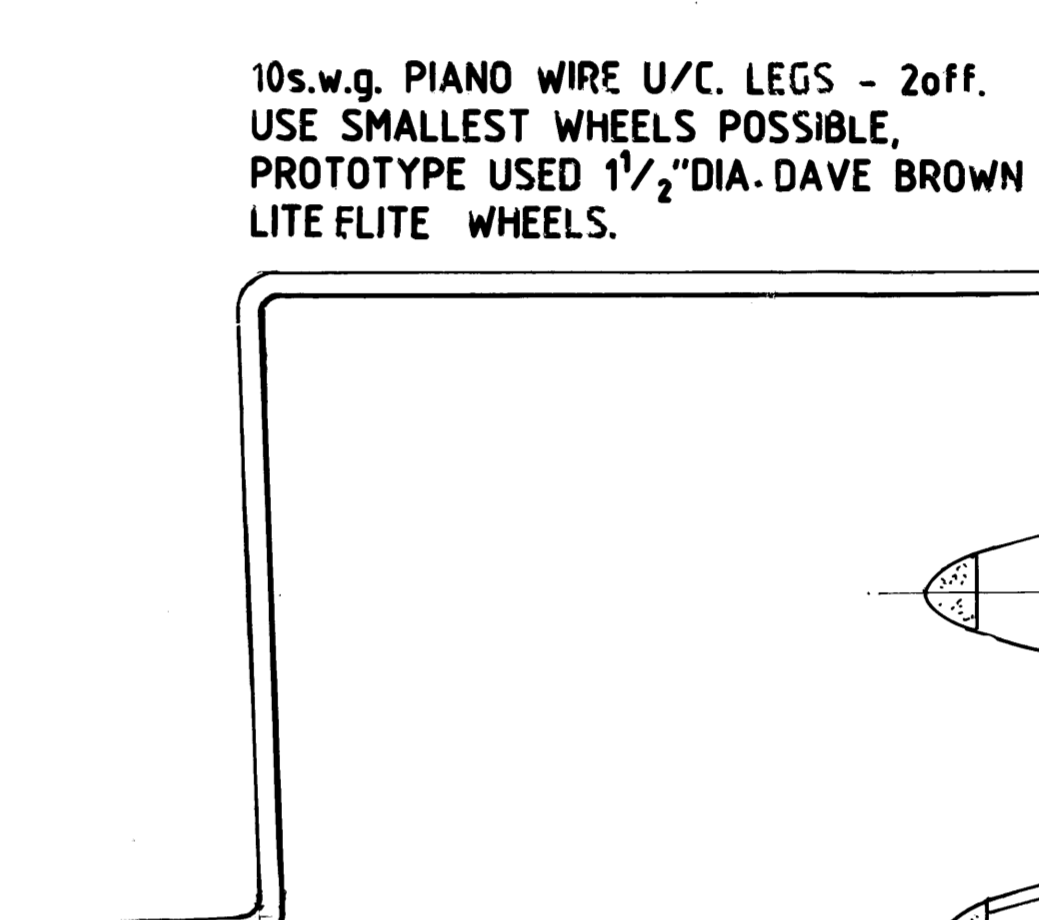
F5, F6, & F7 FROM 3/32" BALS A SHEET.



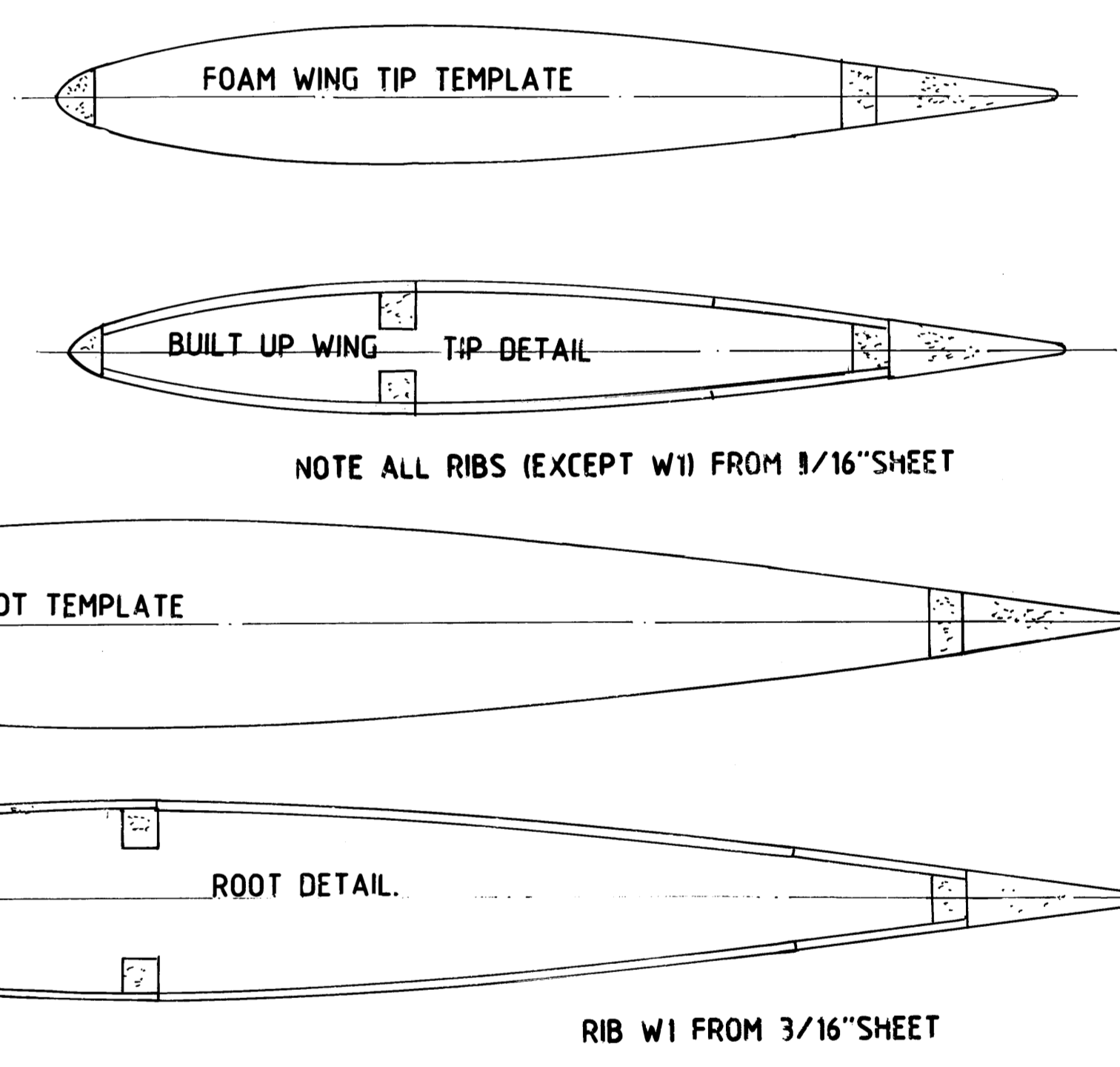
1/8" PLY DIHEDRAL BRACE.  
MAIN DIHEDRAL BRACE FROM 1/2" BALS A SHEET OR LAMINATE FROM THREE LAYERS OF 3/16" SHEET.



12s.w.g. AILERON TORQUE RODS RUNNING THROUGH ALUMINIUM TUBE.



10s.w.g. PIANO WIRE U/C. LEGS - 20off. USE SMALLEST WHEELS POSSIBLE. PROTOTYPE USED 1/2" DIA. DAVE BROWN LITE LITE WHEELS.



NOTE ALL RIBS (EXCEPT W1) FROM 3/16" SHEET

