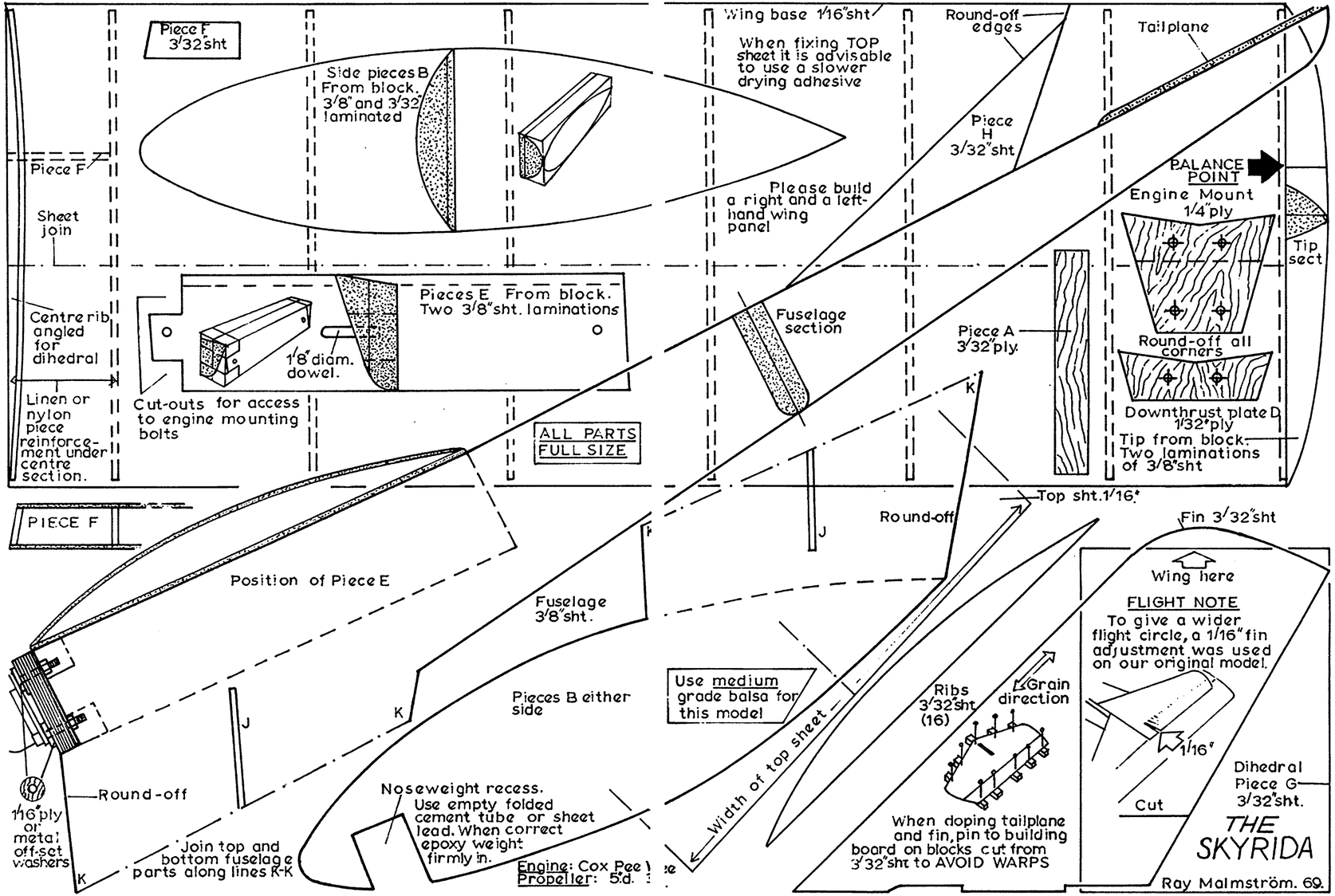
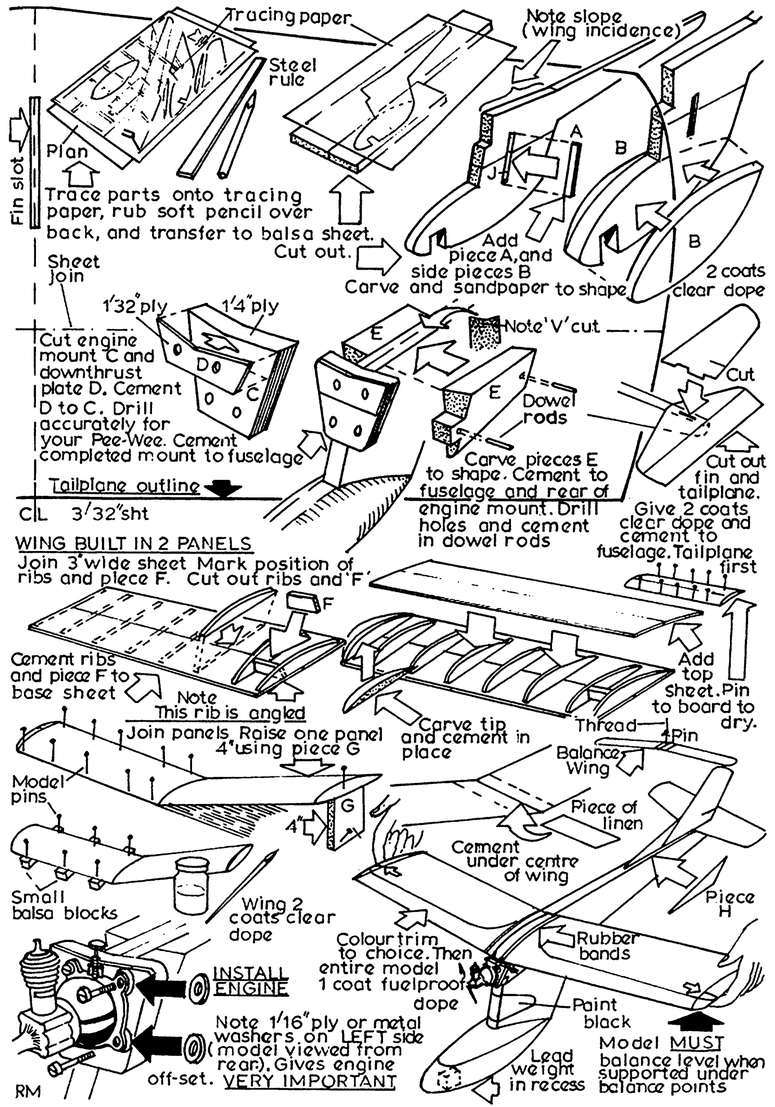

Piece F 3/32"sht
Side pieces B From block. 3/8" and 3/32" laminated
Piece F
Sheet join
Centre rib angled for dihedral
Linen or nylon piece reinforce-ment under centre section.
Pieces E From block. Two 3/8"sht. laminations
1/8" diam. dowel.
Cut-outs for access to engine mounting bolts
ALL PARTS FULL SIZE
PIECE F
Position of Piece E
Fuselage 3/8"sht.
Pieces B either side
J
K
Round-off
1/16" ply or metal off-set washers
Join top and bottom fuselage parts along lines R-K
Noseweight recess. Use empty folded cement tube or sheet lead. When correct epoxy weight firmly in.
Engine: Cox Pee
Propeller: 5"d.
Wing base 1/16"sht
When fixing TOP sheet it is advisable to use a slower drying adhesive
Please build a right and a left-hand wing panel
Round-off edges
Tailplane
Piece H 3/32"sht
Fuselage section
Piece A 3/32"ply.
BALANCE POINT
Engine Mount 1/4"ply
Round-off all corners
Downthrust plate D 1/32"ply
Tip from block. Two laminations of 3/8"sht
Tip sect
Top sht. 1/16"
Round-off
Use medium grade balsa for this model
Width of top sheet
Ribs 3/32"sht (16)
Grain direction
When doping tailplane and fin, pin to building board on blocks cut from 3/32"sht to AVOID WARPS
Fin 3/32"sht
Wing here
FLIGHT NOTE
To give a wider flight circle, a 1/16" fin adjustment was used on our original model.
1/16"
Cut
Dihedral Piece G 3/32"sht.
THE SKYRIDA
Ray Malmström. 69.


Tracing paper
Steel rule
Note slope (wing incidence)
Plan
Fin slot
Trace parts onto tracing paper, rub soft pencil over back, and transfer to balsa sheet. Cut out.
Add piece A, and side pieces B
Carve and sandpaper to shape
2 coats clear dope
Sheet join
1/32"ply
1/4"ply
Cut engine mount C and downthrust plate D. Cement D to C. Drill accurately for your Pee-Wee. Cement completed mount to fuselage
Note 'V' cut
Dowel rods
Carve pieces E to shape. Cement to fuselage and rear of engine mount. Drill holes and cement in dowel rods
Cut out fin and tailplane. Give 2 coats clear dope and cement to fuselage. Tailplane first
Tailplane outline
C/L 3/32"sht
WING BUILT IN 2 PANELS
Join 3" wide sheet Mark position of ribs and piece F. Cut out ribs and 'F'
Cement ribs and piece F to base sheet
Note This rib is angled
Join panels Raise one panel 4" using piece G
Carve tip and cement in place
Add top sheet. Pin to board to dry.
Thread
Pin
Balance Wing
Model pins
Small balsa blocks
Wing 2 coats clear dope
Piece of linen
Cement under centre of wing
Piece H
Colour trim to choice. Then entire model 1 coat fuelproof dope
Rubber bands
INSTALL ENGINE
Note 1/16" ply or metal washers on LEFT side (model viewed from rear). Gives engine off-set. VERY IMPORTANT
Paint black
Lead weight in recess
Model MUST balance level when supported under balance points
RM