

SCALE IN INCHES



15" Wing Span

USE WING TRAILING
EDGE WARPING TO AID
IN OBTAINING A
COORDINATED TURN.

FRONT VIEW

USE ELEVATOR WARPING
TO HASTEN OR DELAY THE
RECOVERY AFTER LAUNCHING.

2 1/4"

FINISHING NOTES

APPLY TWO THIN COATS OF DOPE
BLENDED WITH TALCUM POWDER AND
SAND WITH FINE WET-DRY SANDPAPER
BETWEEN EACH COAT. ADD PIGMENT
DOPE TRIM TO WING LEADING EDGE
AND NOSE ONLY. ADDED WEIGHT OF
DOPE AT NOSE WILL MINIMIZE THE
AMOUNT OF BALLAST NEEDED.

1/8" SHEET Balsa

PLAN

WING

PLAN

STAB

WINDSHIELD
PATTERN

THIN
CELLULOID

1/16" SHEET Balsa

FUSELAGE SIDE PANEL
PATTERN

1/4" MED SHEET Balsa

PRE-SHAPE AND SAND SIDE
PANELS BEFORE CEMENTING
TO FUSELAGE CORE.

COMBINE RUDDER WARPING
WITH WING TRAILING EDGE
WARPING TO OBTAIN
COORDINATED TURN
ADJUSTMENTS.

RUDDER

SIDE VIEW

1/4" HARD SHEET Balsa

ADJUSTING NOTES

FOR RIGHT BANK LAUNCH, ADJUST GLIDE FOR LEFT TURN-LEFT BANK
LAUNCH, ADJUST FOR RIGHT TURN. BANK GLIDER WHEN LAUNCHING SO
THAT IT TURNS INTO THE WIND.

"FLY-HI"

By VERN CLEMENTS

Dec 1944 Air Trails, Hobbies for Young Men

WING NOTES
ASSEMBLE AND BALANCE
WING BEFORE CEMENTING
TO FUSELAGE. IF ONE
WING PANEL IS HEAVIER
THAN THE OTHER, ADD
ADDITIONAL DOPE TO THE
LIGHTER WING PANEL
UNTIL PROPER BALANCE
IS OBTAINED.

THIN CELLULOID

TOP VIEW

USE A SMALL AMOUNT
OF CLAY FOR FINAL
TRIM ADJUSTMENTS
IF NECESSARY.

PERMANENT
LEAD BALLAST

C.G.