

REFERENCE DATA:

3-VIEW & PHOTO BY CHARLES A. MENDENHALL, THE AIR RACER, PG. 98.
 COVER ENTIRE AIRFRAME WITH ORANGE MICRO-X JAP TISSUE, ALCOHOL SHRUNK.
 AIRBRUSH LIGHT COAT AERO-GLOSS CUB ORANGE # 52-4 DOPE.
 WING SPAN: 24" WING AREA: 111.7 SQIN.
 PROTOTYPE WEIGHT: 44.7 GMS. HOOK TO PEG LENGTH 17 1/4"
 MOTOR: 7/32 x 1mm x 36" x 2 LOOPS FAI TAN 2, 20.5 GMS. 1500 WINDS.

NX94Y

GOLD MONOCOTE,
 TRIM FILM.
 UPPER RIGHT WING
 UNDER LEFT WING

WING WEIGHTS:
 FRAME: 5.7 GMS
 COVERED: 7.8 GMS

3/32 SHT. SPARS
 3/16 DEEP, TAPERED TO TIPS

LAMINATIONS OF
 1/32 THK. = 1/8 SQ.

STAB WEIGHTS:
 FRAME: 1.0 GMS
 COVERED: 1.9 GMS

.010 THK. ALUM. HINGES (6)

This free plan courtesy of The Rees Family

1/20 SHT.
 DIAGONALS

1 1/2 DIHEDRAL

REAR SPAR
 PATTERN
 1/20 SHT.

DIHEDRAL PATCHES

FRONT SPAR
 PATTERN
 1/20 SHT.

1/20 SQ. RIBS
 HOT BENT

1/20 SHT. RIBS

1/8 DIA.
 ALUM. TUBE

RIGHT
 2°

1/4 Balsa
 MANIFOLD
 .7 GM/PAIR

26 STRINGERS 1/16 SQ.
 BULKHEADS
 1/20 SHT.

1/32 PLYWOOD
 1/64 PLY. RING
 FACING

INK LINES
 ON PAPER DISC
 OR WIRE MESH

STAB

LAMINATIONS OF 1/32

Balsa SCOOP
 LAMINATE 1/16 SQ.
 CENTER 3 STRINGERS

1 1/2° INCIDENCE

PAPER FILLETS

DOWN
 4°

1.1 GM

PECK P.
 24 CM
 PROP
 6.5 GMS

3.2 GM

AIR VENT
 UNDERSIDE.
 PAINT FLAT
 BLACK.

Mr. Smoothie
 GOLD
 LETTERING

FUSELAGE WEIGHTS:
 FRAME: 7.5 GMS
 PLANKED W/BLOCKS: 13.8 GMS
 COVERED: 16.3 GMS

BUILD FUSE HALF AS SHOWN
 THEN INVERT IN A JIG AND
 BUILD OPPOSITE HALF. FILL
 PLANK WHERE SHOWN.

GOLD & BLACK
 MONOCOTE
 TRIM FILM

1938 PEARSON-WILLIAMS PW-1
 "MR. SMOOTHIE"
 24" SPAN FOR FAC GRIEVE TROPHY RACES
 BY DAVE REES 20 OCT 02 SCALE 1" = 1'-0"

