

3-View Scale Drawings by Paul Matt

Volume 1 contains all airplanes listed from A through G. Volume 2 contains all airplanes listed from H through W. If you would like individual, large sheets of any of the below listed scale drawings, send request, catalog #, appropriate fee, and shipping charge of \$3.95. If you want your drawing rolled in a tube — add \$4.00. Clear, concise, uncluttered 3- and 4- view engineering presentations, in large (17" x 22"), easy to work with standard scales. Drawing is highly detailed and is an accurate working print with all dimensions, specifications, airfoils, cross sections, templates, and color scheme included. These drawings are part of the collection of the internationally acclaimed and highly honored *Historical Aviation Album*. All orders are folded unless a tube is ordered. Each has 2 to 6 large sheets. Rolled in tube — add \$4.00 plus \$3.95 postage. Send to: Aviation Heritage, P.O. Box 665, Destin, FL 32540.

DRAWING SCALE CODE:
Last letter of catalog number indicates scale of drawing.

A = 1:24 1/2" = 1'
B = 1:16 3/4" = 1'
C = 1:48 1/4" = 1'
D = 1:32 3/8" = 1'
E = 1:8 1 1/2" = 1'
F = 1:6 2" = 1'
G = 1:96 1/8" = 1'

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GENERAL SPECIFICATIONS

WEIGHT EMPTY	555 lbs.
USEFUL LOAD	420 lbs.
GROSS WEIGHT	975 lbs.
WING AREA (incl. ailerons)	176 sq. ft.
POWER LOADING	21.6 lbs./h.p.
WING LOADING	5.5 lbs./sq. ft.
TOP SPEED	75 m.p.h.
CRUISING SPEED	65 m.p.h.
LANDING SPEED	30 m.p.h.
RATE OF CLIMB, S.L., INITIAL	600 ft./min.
CLIMB IN 10 MINUTES	4,250 feet
CRUISE RADIUS	200 miles
FUEL CONSUMPTION	2.75 gals./hr.
(Curtiss-Wright data, Engine Mfrgr. figure slightly higher)	

POWER: 3-Cyl. SZEKELY SR-3-O
ATC RATED 43.5 h.p. AT 1750 r.p.m.
45.0 h.p. AT 1850 r.p.m.

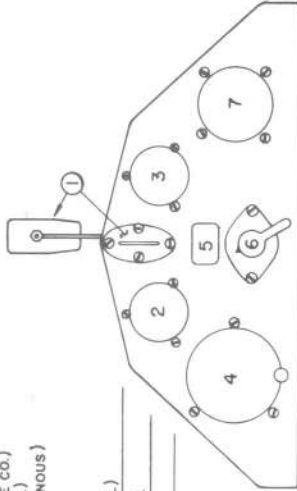
COLORING NOTES

FUSELAGE & VERTICAL FIN - DARK BLUE OR RED
WINGS, HORIZONTAL TAIL SURFACES & RUDDER - SILVER
FUSELAGE TRIM STRIPE & INTERIOR SURFACES - SILVER
LETTERING - BLACK

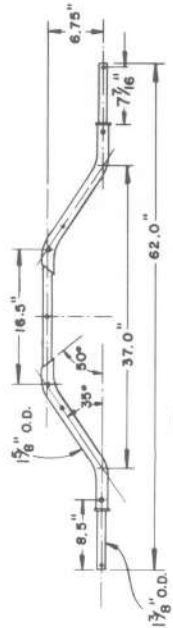
1. BEECH Type Air Speed Indicator, ("SAFETY METER")
2. OIL PRESSURE GAUGE, (0-30 lbs., U.S. GAUGE CO.)
3. OIL TEMP. GAUGE, (12 ft. LEAD, U.S. GAUGE CO.)
4. ALTIMETER, (ZENITH No. 30295/w NON-LUMINOUS)
5. COMPASS, (JONES AUTOMOBILE)
6. IGNITION SWITCH, (BRIGGS & STRATTON)
7. TACHOMETER, (WALTHAM, STANDARD PIONEER TACH., OPTIONAL)

INSTRUMENT PANEL

(NO SCALE)



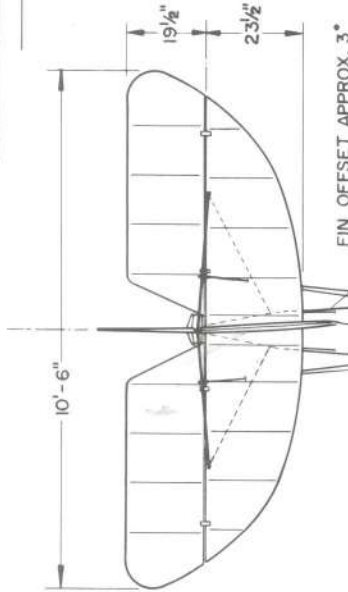
ONE PIECE, LANDING GEAR AXLE
DROP HAMMER FORMED
WEIGHT, APPROX. 12 lbs.



TWICE G.A. SCALE

(ORIG. 1:12
REPRO. 1:24)

LANDING GEAR RIGID, BALLOON TIRES ACTED AS
ONLY SHOCK ABSORPTION



FIN OFFSET APPROX. 3°

PROPELLER
GUARD CABLE
"SAFETY WIRE" OR
BUNGING LINE
(BOTH SIDES WHEN EMPLOYED)



616010N

HAND GRIP

FORWARD STRUT SERVED BOTH
TORSIONAL & COMPRESSION ROLE

"SAFETY METER"
AIR SPEED, FLIGHT INDICATOR

3 PIECE, FORMED ALUMINUM
NOSE CAP



CR-1 AIRFOIL
(CURTISS-ROBERTSON, ONE)
DEVELOPED FROM NAVY N-22 SECTION
(ORDINATES AVAILABLE UPON REQUEST)

OUR SINCERE APPRECIATION IS EXTENDED TO
JIM LADWIG, GEORGE COPLAND & JOHN UNDER-
WOOD FOR THEIR INTEREST AND ASSISTANCE
IN THE PREPARATION OF THESE DRAWINGS

AP-4

CURTISS-WRIGHT CW-1 "JUNIOR"

HISTORICAL
AVIATION
ALBUM

SCALE - ORIGINAL 1:24
REPRO. 1:48

DRAWN BY- PAUL R. MATT

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