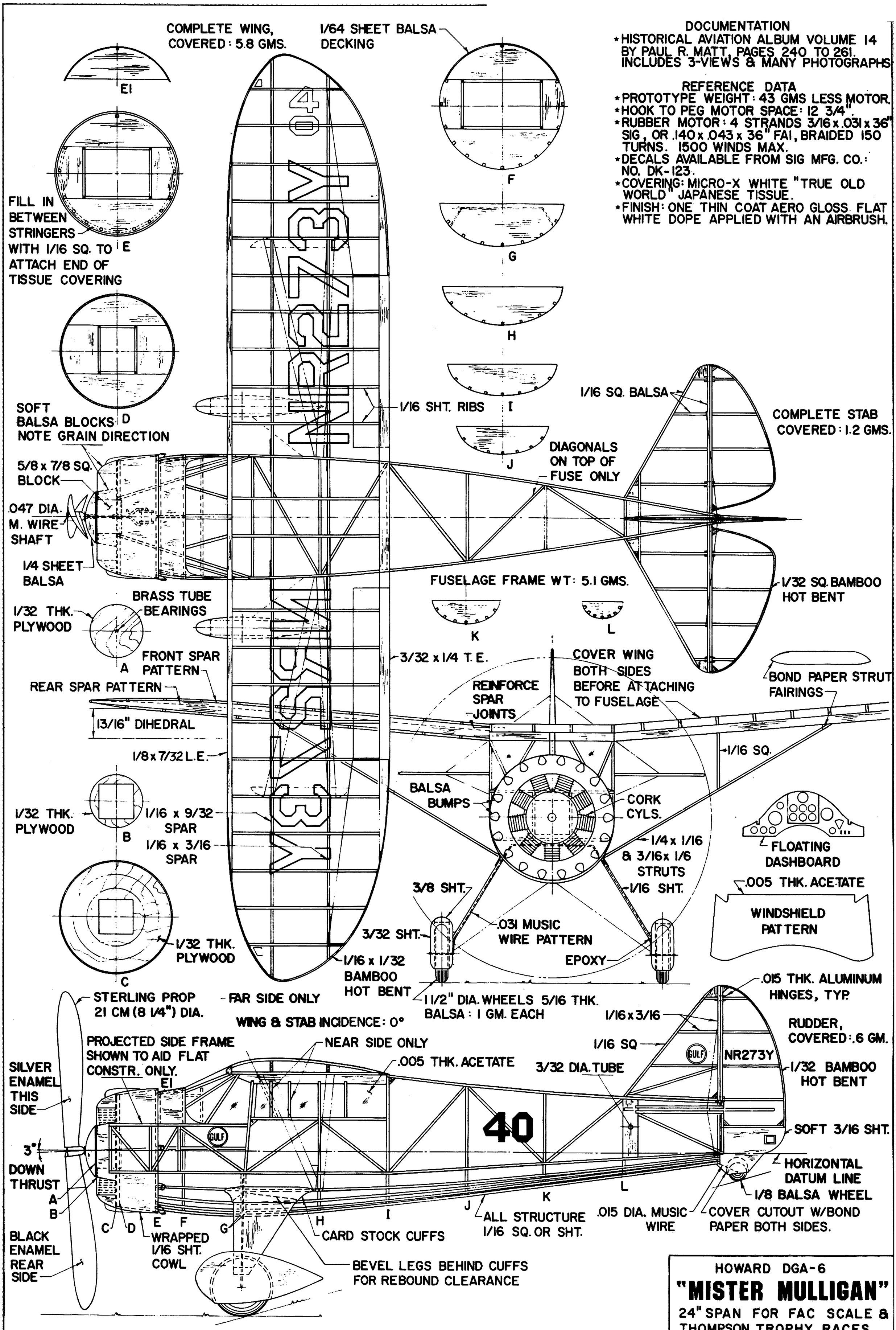
DOCUMENTATION
*HISTORICAL AVIATION ALBUM VOLUME 14 BY PAUL R. MATT, PAGES 240 TO 261. INCLUDES 3-VIEWS & MANY PHOTOGRAPHS
REFERENCE DATA
*PROTOTYPE WEIGHT: 43 GMS LESS MOTOR.
*HOOK TO PEG MOTOR SPACE: 12 3/4".
*RUBBER MOTOR: 4 STRANDS 3/16 x .031 x 36" SIG, OR .140 x .043 x 36" FAI, BRAIDED 150 TURNS. 1500 WINDS MAX.
*DECALS AVAILABLE FROM SIG MFG. CO.: NO. DK-123.
*COVERING: MICRO-X WHITE "TRUE OLD WORLD" JAPANESE TISSUE.
*FINISH: ONE THIN COAT AERO GLOSS FLAT WHITE DOPE APPLIED WITH AN AIRBRUSH.
COMPLETE WING, COVERED: 5.8 GMS.
1/64 SHEET BALSA DECKING
E1
FILL IN BETWEEN STRINGERS WITH 1/16 SQ. TO ATTACH END OF TISSUE COVERING
E
F
G
H
I
J
D
1/16 SHT. RIBS
1/16 SQ. BALSA
COMPLETE STAB COVERED: 1.2 GMS.
SOFT BALSA BLOCKS NOTE GRAIN DIRECTION
5/8 x 7/8 SQ. BLOCK
DIAGONALS ON TOP OF FUSE ONLY
.047 DIA. M. WIRE SHAFT
1/4 SHEET BALSA
FUSELAGE FRAME WT: 5.1 GMS.
1/32 SQ. BAMBOO HOT BENT
BRASS TUBE BEARINGS
1/32 THK. PLYWOOD
K
L
A
FRONT SPAR PATTERN
3/32 x 1/4 T.E.
COVER WING BOTH SIDES BEFORE ATTACHING TO FUSELAGE
BOND PAPER STRUT FAIRINGS
REAR SPAR PATTERN
REINFORCE SPAR JOINTS
13/16" DIHEDRAL
1/8 x 7/32 L.E.
1/16 SQ.
BALSA BUMPS
CORK CYLS.
1/32 THK. PLYWOOD
B
1/16 x 9/32 SPAR
1/16 x 3/16 SPAR
1/4 x 1/16 & 3/16 x 1/6 STRUTS
FLOATING DASHBOARD
.005 THK. ACETATE
3/8 SHT.
1/16 SHT.
WINDSHIELD PATTERN
.031 MUSIC WIRE PATTERN
3/32 SHT.
1/32 THK. PLYWOOD
C
EPOXY
1/16 x 1/32 BAMBOO HOT BENT
.015 THK. ALUMINUM HINGES, TYP.
STERLING PROP 21 CM (8 1/4") DIA.
FAR SIDE ONLY
11/2" DIA. WHEELS 5/16 THK. BALSA: 1 GM. EACH
WING & STAB INCIDENCE: 0°
1/16 x 3/16
RUDDER, COVERED: .6 GM.
PROJECTED SIDE FRAME SHOWN TO AID FLAT CONSTR. ONLY.
NEAR SIDE ONLY
1/16 SQ
.005 THK. ACETATE
3/32 DIA. TUBE
NR273Y
1/32 BAMBOO HOT BENT
SILVER ENAMEL THIS SIDE
E1
40
SOFT 3/16 SHT.
3°
DOWN THRUST
HORIZONTAL DATUM LINE
A
B
L
K
1/8 BALSA WHEEL
J
I
H
G
F
E
D
C
ALL STRUCTURE 1/16 SQ. OR SHT.
.015 DIA. MUSIC WIRE
COVER CUTOUT W/BOND PAPER BOTH SIDES.
WRAPPED 1/16 SHT. COWL
CARD STOCK CUFFS
BLACK ENAMEL REAR SIDE
BEVEL LEGS BEHIND CUFFS FOR REBOUND CLEARANCE
HOWARD DGA-6
"MISTER MULLIGAN"
24" SPAN FOR FAC SCALE & THOMPSON TROPHY RACES
BY DAVE REES 3 JUNE '84