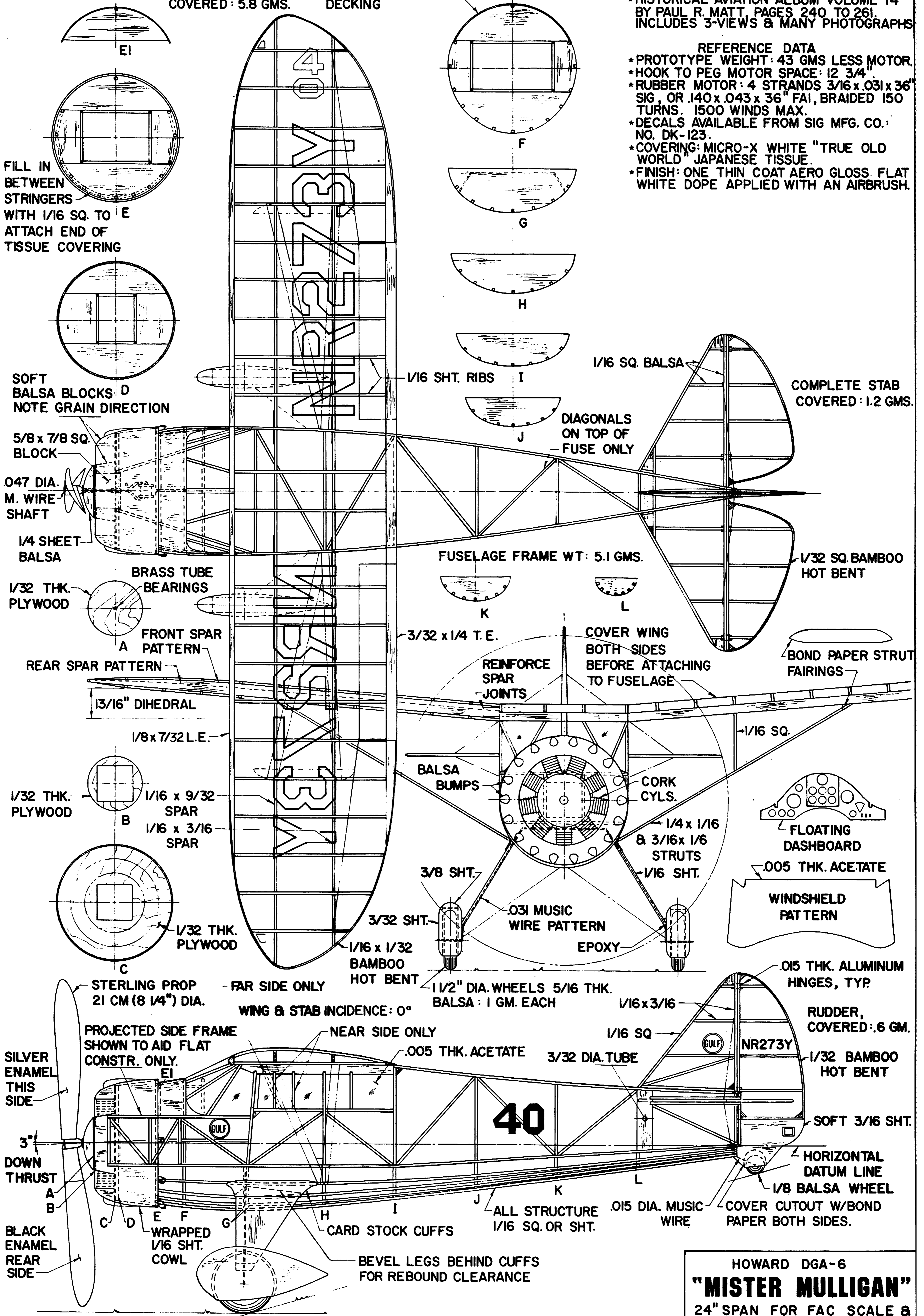


COMPLETE WING,  
COVERED: 5.8 GMS.  
1/64 SHEET BALSA  
DECKING

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.



FILL IN  
BETWEEN  
STRINGERS  
WITH 1/16 SQ. TO E  
ATTACH END OF  
TISSUE COVERING

SOFT  
BALSA BLOCKS D  
NOTE GRAIN DIRECTION

5/8 x 7/8 SQ.  
BLOCK

047 DIA.  
M. WIRE  
SHAFT

1/4 SHEET  
BALSA

BRASS TUBE  
BEARINGS

1/32 THK.  
PLYWOOD

FRONT SPAR  
PATTERN

REAR SPAR PATTERN

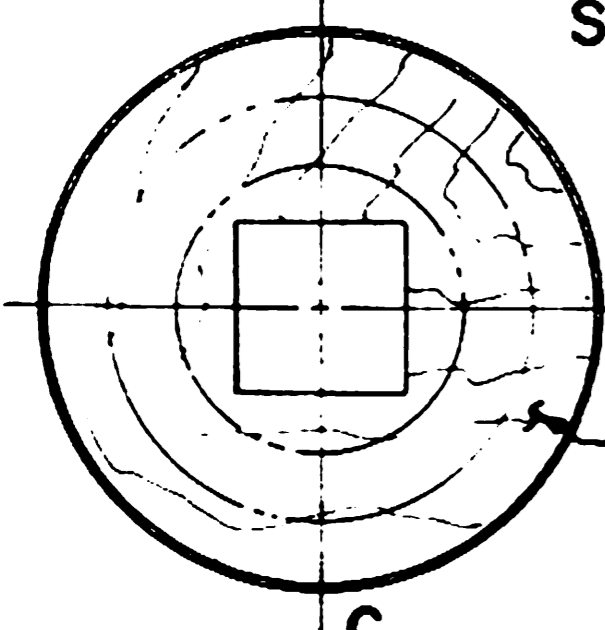
13/16" DIHEDRAL

1/8 x 7/32 L.E.

1/32 THK.  
PLYWOOD

1/16 x 9/32  
SPAR  
1/16 x 3/16  
SPAR

B



1/32 THK.  
PLYWOOD

C

STERLING PROP  
21 CM (8 1/4") DIA.

- FAR SIDE ONLY

WING & STAB INCIDENCE: 0°

PROJECTED SIDE FRAME  
SHOWN TO AID FLAT  
CONSTR. ONLY.

NEAR SIDE ONLY

SILVER ENAMEL  
THIS  
SIDE

3°  
DOWN  
THRUST

BLACK ENAMEL  
REAR  
SIDE

WRAPPED  
1/16 SHT.  
COWL

CARD STOCK CUFFS  
BEVEL LEGS BEHIND CUFFS  
FOR REBOUND CLEARANCE

FUSELAGE FRAME WT: 5.1 GMS.

3/32 x 1/4 T.E.

REINFORCE  
SPAR  
JOINTS

COVER WING  
BOTH SIDES  
BEFORE ATTACHING  
TO FUSELAGE

BOND PAPER STRUT  
FAIRINGS

BALSA  
BUMPS

CORK  
CYLS.

1/4 x 1/16  
& 3/16 x 1/6  
STRUTS  
1/16 SHT.

3/8 SHT.

.031 MUSIC  
WIRE PATTERN

EPOXY

3/32 SHT.

1/16 x 1/32  
BAMBOO  
HOT BENT

1 1/2" DIA. WHEELS 5/16 THK.  
BALSA: 1 GM. EACH

1/16 x 3/16

.015 THK. ALUMINUM  
HINGES, TYP.

RUDDER,  
COVERED: .6 GM.

1/16 SQ

3/32 DIA. TUBE

1/32 BAMBOO  
HOT BENT

SOFT 3/16 SHT.

HORIZONTAL  
DATUM LINE  
1/8 BALSA WHEEL

ALL STRUCTURE  
1/16 SQ. OR SHT.

.015 DIA. MUSIC  
WIRE

COVER CUTOUT W/BOND  
PAPER BOTH SIDES.

HOWARD DGA-6  
"MISTER MULLIGAN"  
24" SPAN FOR FAC SCALE &  
THOMPSON TROPHY RACES  
BY DAVE REES 3 JUNE '84