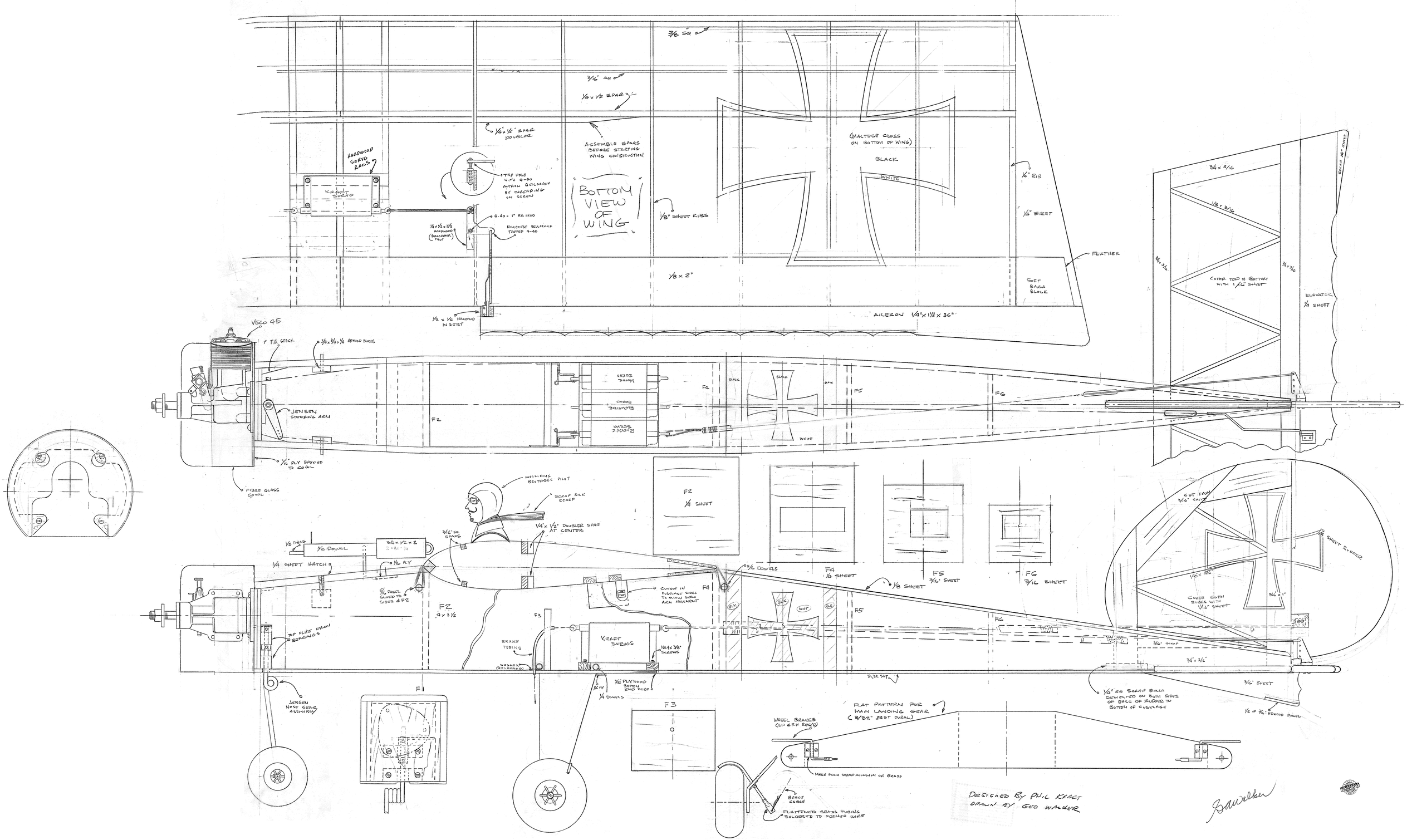

3/8 SQ
3/16" SQ
1/4 x 1/2 SPAR
1/4 x 1/2" SPAR DOUBLER
ASSEMBLE SPARS BEFORE STARTING WING CONSTRUCTION
HARDWOOD SERVO RAILS
KRAFT SERVO
TAP HOLE WITH 4-40 ATTACH BELLCRANK BY THREADING ON SCREW
4-40 x 1" RD. HEAD
HILLCREST BELLCRANK TAPPED 4-40
1/4 x 1/2 x 1/2 HARDWOOD (BELLCRANK PIVOT)
BOTTOM VIEW OF WING
1/8" SHEET RIBS
(MALTESE CROSS ON BOTTOM OF WING)
BLACK
WHITE
1/4" RIB
1/4" SHEET
FEATHER
1/8 x 2"
SOFT BALSA BLOCK
1/2 x 1/8 HARDWD INSERT
AILERON 1/4" x 1 1/2 x 36"
3/4 x 3/16
1/8 x 3/16
COVER TOP & BOTTOM WITH 1/16" SHEET
ELEVATOR 1/4 SHEET
VECO 45
1" T.E. STOCK
3/4 x 3/4 x 1/4 HDWOOD BLOCKS
F1
JENSEN STEERING ARM
F2
MOTOR SERVO
ELEVATOR SERVO
RUDDER SERVO
F4
BLACK
F5
F6
WHITE
1/16" PLY EPOXIED TO COWL
FIBRE GLASS COWL
WILLIAMS BROTHERS PILOT
SCRAP SILK SCARF
1/4 x 1/2" DOUBLER SPAR AT CENTER
3/16" SQ. SPARS
1/8 TUBING
1/2 DOWEL
3/4 x 1/2 x 2
1/4 SHEET HATCH
1/16 PLY
5/16 DOWEL GLUED TO SIDES & F2
F2 4 x 3 1/2
F2 1/4 SHEET
F4 1/4 SHEET
F5 3/16" SHEET
F6 3/16 SHEET
1/8 SHEET
5/16 DOWELS
CUTOUT IN FUSELAGE SIDES TO ALLOW SERVO ARM MOVEMENT
BLK
WHT
TOP FLIPE NYLON BEARINGS
F3
BRAKE TUBING
WASHER (SOLDERED)
KRAFT SERVOS
No 4 x 3/8" SCREWS
3/32 PLYWOOD BOTTOM END HERE
1/4 DOWELS
JENSEN NOSE GEAR ASSEMBLY
F1
F3
CUT FROM 3/16" SHEET
1/4 SHEET RUDDER
1/8 x 3/16
COVER BOTH SIDES WITH 1/16" SHEET
3/16" x 1"
3/16" SCRAP
3/4 x 3/16
3/16" SHEET
1/4" SQ SCRAP BALSA CEMENTED ON BOTH SIDES OF BASE OF RUDDER TO BOTTOM OF FUSELAGE
1/2 x 3/16" HDWOOD DOWEL
FLAT PATTERN FOR MAIN LANDING GEAR (3/32" 24ST DURAL)
WHEEL BRAKES (LH & RH REQ'D)
MAKE FROM SCRAP ALUMINUM OR BRASS
BRAKE CABLE
FLATTENED BRASS TUBING SOLDERED TO FORMED WIRE
DESIGNED BY PHIL KRAFT
DRAWN BY GEO WALKER