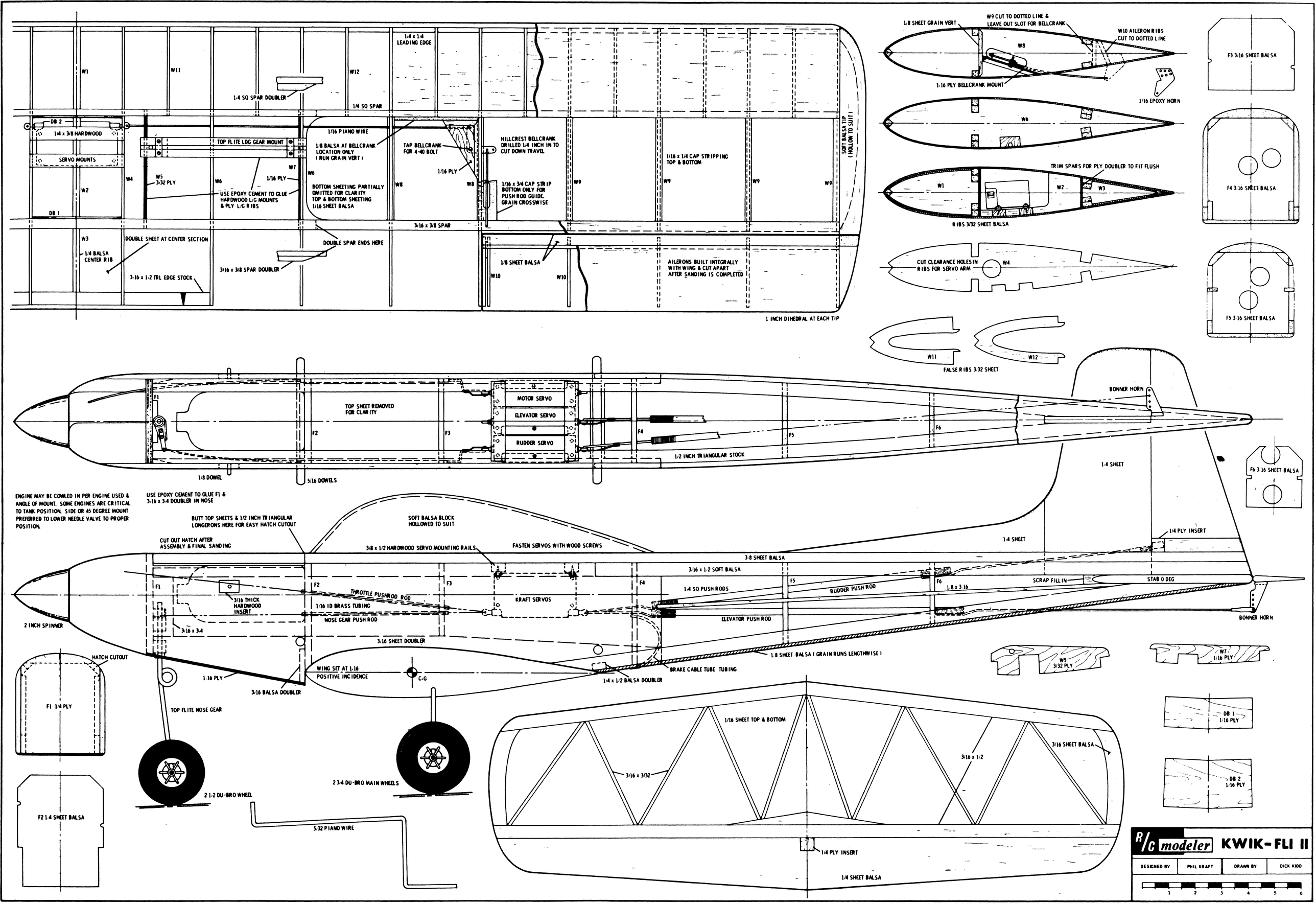
W1
W11
W12
1/4 x 1/4 LEADING EDGE
1/4 SQ SPAR DOUBLER
1/4 SQ SPAR
DB 2
1/4 x 3/8 HARDWOOD
SERVO MOUNTS
TOP FLITE LDG GEAR MOUNT
1/16 PIANO WIRE
1/8 BALSA AT BELLCRANK LOCATION ONLY (RUN GRAIN VERT)
TAP BELLCRANK FOR 4-40 BOLT
HILLCREST BELLCRANK DRILLED 1/4 INCH IN TO CUT DOWN TRAVEL
1/16 x 1/4 CAP STRIPPING TOP & BOTTOM
SOFT BALSA TIP (HOLLOW TO SUIT)
W4
W5 3/32 PLY
W6
W7
1/16 PLY
W8
W9
W2
USE EPOXY CEMENT TO GLUE HARDWOOD L/G MOUNTS & PLY L/G RIBS
BOTTOM SHEETING PARTIALLY OMITTED FOR CLARITY TOP & BOTTOM SHEETING 1/16 SHEET BALSA
1/16 x 3/4 CAP STRIP BOTTOM ONLY FOR PUSH ROD GUIDE. GRAIN CROSSWISE
DB 1
3/16 x 3/8 SPAR
W3
DOUBLE SHEET AT CENTER SECTION
1/4 BALSA CENTER RIB
DOUBLE SPAR ENDS HERE
3/16 x 3/8 SPAR DOUBLER
3/16 x 1/2 TRL EDGE STOCK
1/8 SHEET BALSA
W10
AILERONS BUILT INTEGRALLY WITH WING & CUT APART AFTER SANDING IS COMPLETED
1 INCH DIHEDRAL AT EACH TIP
1/8 SHEET GRAIN VERT
W9 CUT TO DOTTED LINE & LEAVE OUT SLOT FOR BELLCRANK
W10 AILERON RIBS CUT TO DOTTED LINE
W8
1/16 PLY BELLCRANK MOUNT
1/16 EPOXY HORN
W6
TRIM SPARS FOR PLY DOUBLER TO FIT FLUSH
W1
W2
W3
RIBS 3/32 SHEET BALSA
CUT CLEARANCE HOLES IN RIBS FOR SERVO ARM
W4
W11
W12
FALSE RIBS 3/32 SHEET
F3 3/16 SHEET BALSA
F4 3/16 SHEET BALSA
F5 3/16 SHEET BALSA
F1
TOP SHEET REMOVED FOR CLARITY
F2
F3
MOTOR SERVO
ELEVATOR SERVO
RUDDER SERVO
F4
F5
F6
1/2 INCH TRIANGULAR STOCK
BONNER HORN
1/8 DOWEL
5/16 DOWELS
1/4 SHEET
F6 3/16 SHEET BALSA
ENGINE MAY BE COWLED IN PER ENGINE USED & ANGLE OF MOUNT. SOME ENGINES ARE CRITICAL TO TANK POSITION. SIDE OR 45 DEGREE MOUNT PREFERRED TO LOWER NEEDLE VALVE TO PROPER POSITION.
USE EPOXY CEMENT TO GLUE F1 & 3/16 x 3/4 DOUBLER IN NOSE
BUTT TOP SHEETS & 1/2 INCH TRIANGULAR LONGERONS HERE FOR EASY HATCH CUTOUT
SOFT BALSA BLOCK HOLLOWED TO SUIT
CUT OUT HATCH AFTER ASSEMBLY & FINAL SANDING
3/8 x 1/2 HARDWOOD SERVO MOUNTING RAILS
FASTEN SERVOS WITH WOOD SCREWS
1/4 SHEET
1/4 PLY INSERT
3/8 SHEET BALSA
3/16 x 1/2 SOFT BALSA
SCRAP FILL IN
STAB 0 DEG
1/8 x 3/16
1/4 SQ PUSH RODS
RUDDER PUSH ROD
3/16 THICK HARDWOOD INSERT
THROTTLE PUSHROD ROD
1/16 ID BRASS TUBING
NOSE GEAR PUSH ROD
KRAFT SERVOS
ELEVATOR PUSH ROD
2 INCH SPINNER
3/16 x 3/4
3/16 SHEET DOUBLER
1/8 SHEET BALSA (GRAIN RUNS LENGTHWISE)
BRAKE CABLE TUBE TUBING
WING SET AT 1/16 POSITIVE INCIDENCE
C.G
1/4 x 1/2 BALSA DOUBLER
1/16 PLY
3/16 BALSA DOUBLER
TOP FLITE NOSE GEAR
HATCH CUTOUT
F1 1/4 PLY
F2 1/4 SHEET BALSA
2 1/2 DU-BRO WHEEL
2 3/4 DU-BRO MAIN WHEELS
5/32 PIANO WIRE
W5 3/32 PLY
W7 1/16 PLY
DB 1 1/16 PLY
DB 2 1/16 PLY
1/16 SHEET TOP & BOTTOM
3/16 x 3/32
3/16 x 1/2
3/16 SHEET BALSA
1/4 PLY INSERT
1/4 SHEET BALSA
R/C modeler
KWIK-FLI II
DESIGNED BY
PHIL KRAFT
DRAWN BY
DICK KIDD
1
2
3
4
5
6