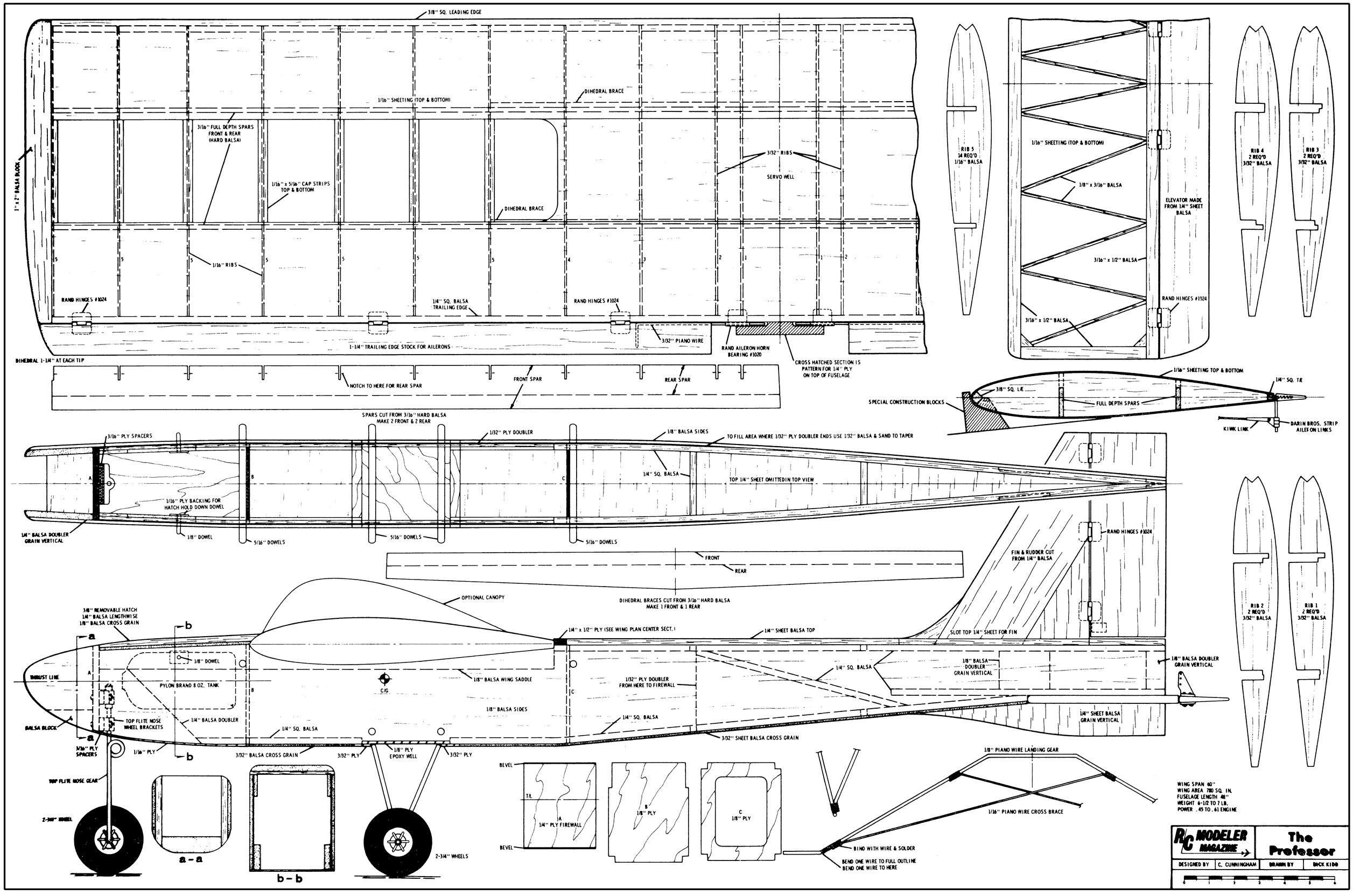
3/8" SQ. LEADING EDGE
1"x 2" BALSA BLOCK
1/16" SHEETING (TOP & BOTTOM)
DIHEDRAL BRACE
3/16" FULL DEPTH SPARS FRONT & REAR (HARD BALSA)
1/16" x 5/16" CAP STRIPS TOP & BOTTOM
3/32" RIBS
SERVO WELL
1/16" RIBS
RAND HINGES #1024
1/4" SQ. BALSA TRAILING EDGE
3/32" PIANO WIRE
1-1/4" TRAILING EDGE STOCK FOR AILERONS
RAND AILERON HORN BEARING #1020
CROSS HATCHED SECTION IS PATTERN FOR 1/4" PLY ON TOP OF FUSELAGE
DIHEDRAL 1-1/4" AT EACH TIP
RIB 5 14 REQ'D 1/16" BALSA
1/8" x 3/16" BALSA
ELEVATOR MADE FROM 1/4" SHEET BALSA
3/16" x 1/2" BALSA
RIB 4 2 REQ'D 3/32" BALSA
RIB 3 2 REQ'D 3/32" BALSA
NOTCH TO HERE FOR REAR SPAR
FRONT SPAR
REAR SPAR
SPARS CUT FROM 3/16" HARD BALSA MAKE 2 FRONT & 2 REAR
1/16" SHEETING TOP & BOTTOM
1/4" SQ. T/E
3/8" SQ. L/E
SPECIAL CONSTRUCTION BLOCKS
FULL DEPTH SPARS
KIWK LINK
DARIN BROS. STRIP AILEFON LINKS
3/16" PLY SPACERS
1/32" PLY DOUBLER
1/8" BALSA SIDES
TO FILL AREA WHERE 1/32" PLY DOUBLER ENDS USE 1/32" BALSA & SAND TO TAPER
1/4" SQ. BALSA
TOP 1/4" SHEET OMITTED IN TOP VIEW
1/16" PLY BACKING FOR HATCH HOLD DOWN DOWEL
1/4" BALSA DOUBLER GRAIN VERTICAL
1/8" DOWEL
5/16" DOWELS
FRONT
REAR
DIHEDRAL BRACES CUT FROM 3/16" HARD BALSA MAKE 1 FRONT & 1 REAR
RAND HINGES #1024
FIN & RUDDER CUT FROM 1/4" BALSA
RIB 2 2 REQ'D 3/32" BALSA
RIB 1 2 REQ'D 3/32" BALSA
OPTIONAL CANOPY
3/8" REMOVABLE HATCH 1/4" BALSA LENGTHWISE 1/8" BALSA CROSS GRAIN
1/4" x 1/2" PLY (SEE WING PLAN CENTER SECT.)
1/4" SHEET BALSA TOP
SLOT TOP 1/4" SHEET FOR FIN
THRUST LINE
PYLON BRAND 8 OZ. TANK
C/G
1/8" BALSA WING SADDLE
1/32" PLY DOUBLER FROM HERE TO FIREWALL
1/8" BALSA DOUBLER GRAIN VERTICAL
1/8" BALSA DOUBLER GRAIN VERTICAL
1/8" BALSA SIDES
TOP FLITE NOSE WHEEL BRACKETS
1/4" BALSA DOUBLER
1/4" SQ. BALSA
1/4" SHEET BALSA GRAIN VERTICAL
BALSA BLOCK
3/16" PLY SPACERS
1/16" PLY
3/32" BALSA CROSS GRAIN
3/32" PLY
1/8" PLY EPOXY WELL
3/32" SHEET BALSA CROSS GRAIN
TOP FLITE NOSE GEAR
2-3/4" WHEEL
a-a
b-b
2-3/4" WHEELS
BEVEL
T.L.
A 1/4" PLY FIREWALL
B 1/8" PLY
C 1/8" PLY
1/8" PIANO WIRE LANDING GEAR
1/16" PIANO WIRE CROSS BRACE
BIND WITH WIRE & SOLDER
BEND ONE WIRE TO FULL OUTLINE
BEND ONE WIRE TO HERE
WING SPAN 60"
WING AREA 780 SQ. IN.
FUSELAGE LENGTH 48"
WEIGHT 6-1/2 TO 7 LB.
POWER .45 TO .61 ENGINE
R/C MODELER MAGAZINE
The Professor
DESIGNED BY C. CUNNINGHAM
DRAWN BY DICK KIDD