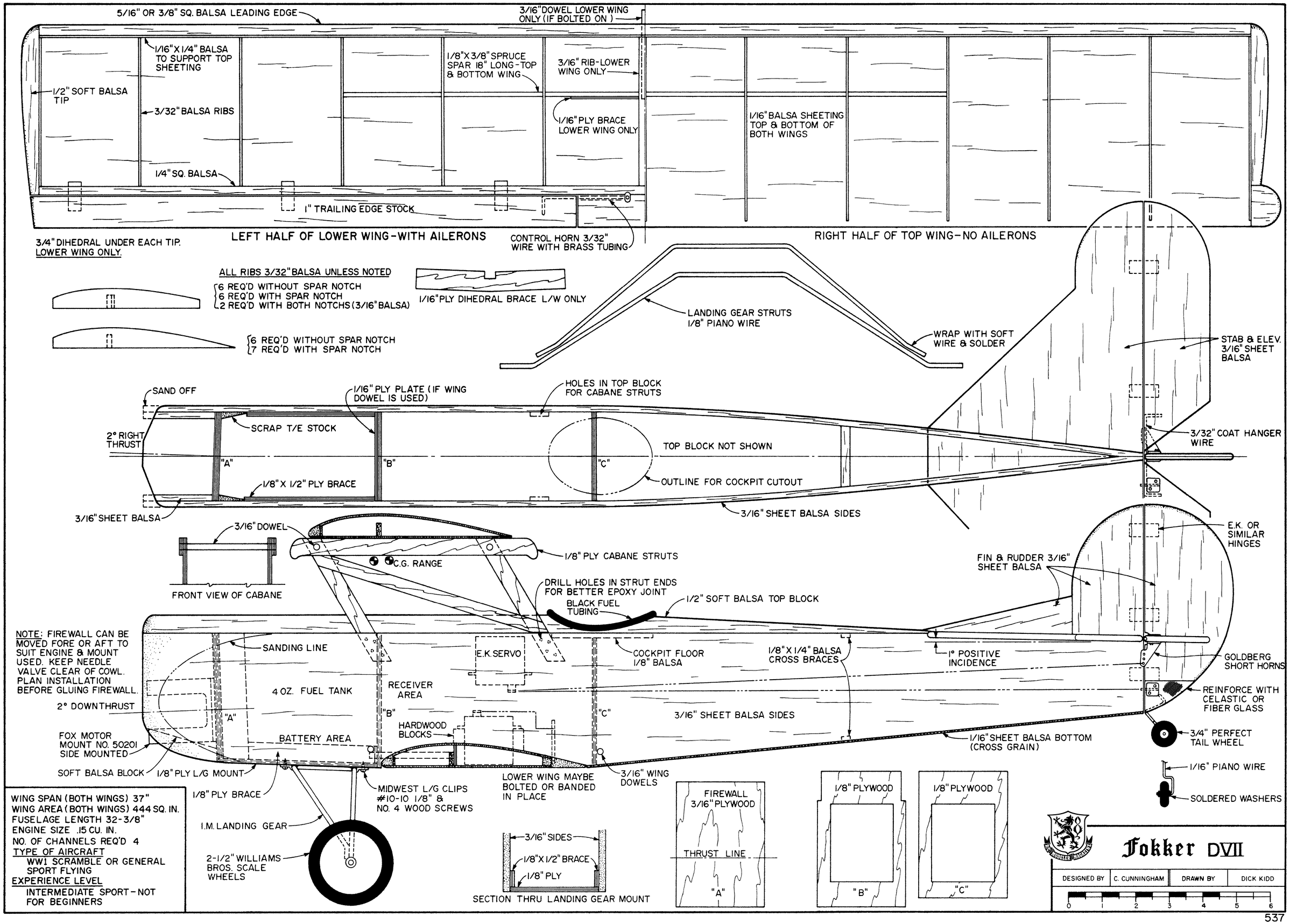
5/16" OR 3/8" SQ. BALSA LEADING EDGE
3/16" DOWEL LOWER WING ONLY (IF BOLTED ON)
1/16" X 1/4" BALSA TO SUPPORT TOP SHEETING
1/8" X 3/8" SPRUCE SPAR 18" LONG-TOP & BOTTOM WING
3/16" RIB-LOWER WING ONLY
1/2" SOFT BALSA TIP
3/32" BALSA RIBS
1/16" PLY BRACE LOWER WING ONLY
1/16" BALSA SHEETING TOP & BOTTOM OF BOTH WINGS
1/4" SQ. BALSA
1" TRAILING EDGE STOCK
3/4" DIHEDRAL UNDER EACH TIP. LOWER WING ONLY.
LEFT HALF OF LOWER WING-WITH AILERONS
CONTROL HORN 3/32" WIRE WITH BRASS TUBING
RIGHT HALF OF TOP WING-NO AILERONS
ALL RIBS 3/32" BALSA UNLESS NOTED
6 REQ'D WITHOUT SPAR NOTCH
6 REQ'D WITH SPAR NOTCH
2 REQ'D WITH BOTH NOTCHS (3/16" BALSA)
1/16" PLY DIHEDRAL BRACE L/W ONLY
6 REQ'D WITHOUT SPAR NOTCH
7 REQ'D WITH SPAR NOTCH
LANDING GEAR STRUTS 1/8" PIANO WIRE
WRAP WITH SOFT WIRE & SOLDER
STAB & ELEV. 3/16" SHEET BALSA
SAND OFF
1/16" PLY PLATE (IF WING DOWEL IS USED)
HOLES IN TOP BLOCK FOR CABANE STRUTS
SCRAP T/E STOCK
2° RIGHT THRUST
"A"
"B"
"C"
TOP BLOCK NOT SHOWN
3/32" COAT HANGER WIRE
1/8" X 1/2" PLY BRACE
OUTLINE FOR COCKPIT CUTOUT
3/16" SHEET BALSA
3/16" SHEET BALSA SIDES
3/16" DOWEL
E.K. OR SIMILAR HINGES
1/8" PLY CABANE STRUTS
C.G. RANGE
FIN & RUDDER 3/16" SHEET BALSA
FRONT VIEW OF CABANE
DRILL HOLES IN STRUT ENDS FOR BETTER EPOXY JOINT
BLACK FUEL TUBING
1/2" SOFT BALSA TOP BLOCK
NOTE: FIREWALL CAN BE MOVED FORE OR AFT TO SUIT ENGINE & MOUNT USED. KEEP NEEDLE VALVE CLEAR OF COWL. PLAN INSTALLATION BEFORE GLUING FIREWALL.
SANDING LINE
E.K. SERVO
COCKPIT FLOOR 1/8" BALSA
1/8" X 1/4" BALSA CROSS BRACES
1° POSITIVE INCIDENCE
GOLDBERG SHORT HORNS
4 OZ. FUEL TANK
RECEIVER AREA
REINFORCE WITH CELASTIC OR FIBER GLASS
2° DOWNTHRUST
3/16" SHEET BALSA SIDES
HARDWOOD BLOCKS
BATTERY AREA
FOX MOTOR MOUNT NO. 50201 SIDE MOUNTED
1/16" SHEET BALSA BOTTOM (CROSS GRAIN)
3/4" PERFECT TAIL WHEEL
SOFT BALSA BLOCK
1/8" PLY L/G MOUNT
LOWER WING MAYBE BOLTED OR BANDED IN PLACE
3/16" WING DOWELS
1/16" PIANO WIRE
1/8" PLY BRACE
MIDWEST L/G CLIPS #10-10 1/8" & NO. 4 WOOD SCREWS
SOLDERED WASHERS
WING SPAN (BOTH WINGS) 37"
WING AREA (BOTH WINGS) 444 SQ. IN.
FUSELAGE LENGTH 32-3/8"
ENGINE SIZE .15 CU. IN.
NO. OF CHANNELS REQ'D 4
TYPE OF AIRCRAFT
WW1 SCRAMBLE OR GENERAL SPORT FLYING
EXPERIENCE LEVEL
INTERMEDIATE SPORT-NOT FOR BEGINNERS
I.M. LANDING GEAR
2-1/2" WILLIAMS BROS. SCALE WHEELS
3/16" SIDES
1/8" X 1/2" BRACE
1/8" PLY
SECTION THRU LANDING GEAR MOUNT
FIREWALL 3/16" PLYWOOD
THRUST LINE
"A"
1/8" PLYWOOD
"B"
1/8" PLYWOOD
"C"
Fokker DVII
DESIGNED BY
C. CUNNINGHAM
DRAWN BY
DICK KIDD
0 1 2 3 4 5 6