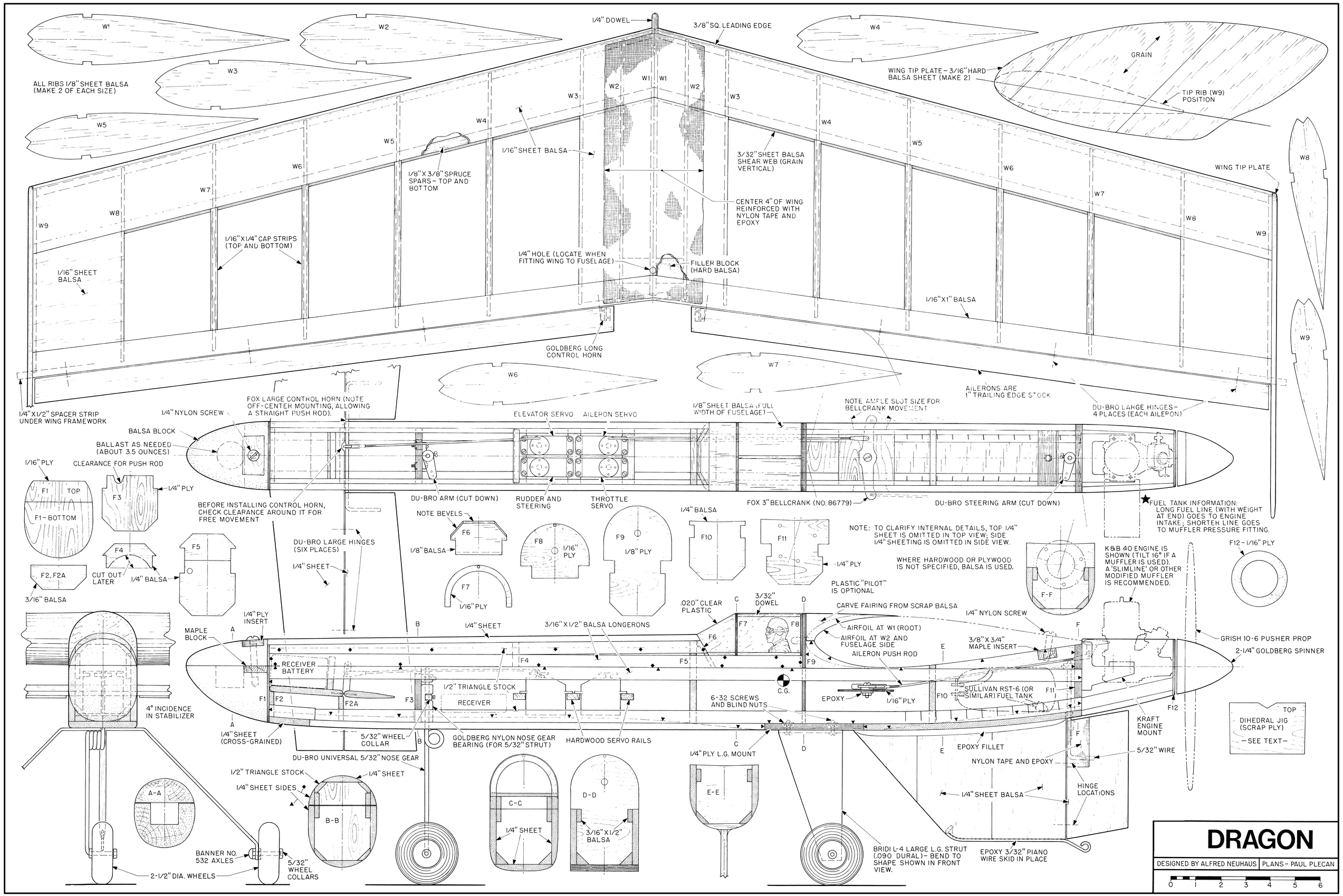
W1
W2
W3
W4
W5
W6
W7
W8
W9
ALL RIBS 1/8" SHEET BALSA (MAKE 2 OF EACH SIZE)
1/4" DOWEL
3/8" SQ. LEADING EDGE
GRAIN
WING TIP PLATE - 3/16" HARD BALSA SHEET (MAKE 2)
TIP RIB (W9) POSITION
1/16" SHEET BALSA
1/8" X 3/8" SPRUCE SPARS - TOP AND BOTTOM
3/32" SHEET BALSA SHEAR WEB (GRAIN VERTICAL)
CENTER 4" OF WING REINFORCED WITH NYLON TAPE AND EPOXY
WING TIP PLATE
1/16" X 1/4" CAP STRIPS (TOP AND BOTTOM)
1/4" HOLE (LOCATE WHEN FITTING WING TO FUSELAGE)
FILLER BLOCK (HARD BALSA)
1/16" SHEET BALSA
1/16" X 1" BALSA
GOLDBERG LONG CONTROL HORN
1/4" X 1/2" SPACER STRIP UNDER WING FRAMEWORK
FOX LARGE CONTROL HORN (NOTE OFF-CENTER MOUNTING, ALLOWING A STRAIGHT PUSH ROD).
AILERONS ARE 1" TRAILING EDGE STOCK
DU-BRO LARGE HINGES - 4 PLACES (EACH AILERON)
1/4" NYLON SCREW
ELEVATOR SERVO
AILERON SERVO
1/8" SHEET BALSA (FULL WIDTH OF FUSELAGE)
NOTE AMPLE SLOT SIZE FOR BELLCRANK MOVEMENT
BALSA BLOCK
BALLAST AS NEEDED (ABOUT 3.5 OUNCES)
DU-BRO ARM (CUT DOWN)
RUDDER AND STEERING
THROTTLE SERVO
FOX 3" BELLCRANK (NO. 86779)
DU-BRO STEERING ARM (CUT DOWN)
FUEL TANK INFORMATION: LONG FUEL LINE (WITH WEIGHT AT END) GOES TO ENGINE INTAKE; SHORTER LINE GOES TO MUFFLER PRESSURE FITTING.
1/16" PLY
CLEARANCE FOR PUSH ROD
1/4" PLY
F1 TOP
F1 - BOTTOM
F3
F4
F5
F2, F2A
3/16" BALSA
CUT OUT LATER
1/4" BALSA
BEFORE INSTALLING CONTROL HORN, CHECK CLEARANCE AROUND IT FOR FREE MOVEMENT
DU-BRO LARGE HINGES (SIX PLACES)
1/4" SHEET
NOTE BEVELS
F6
1/8" BALSA
F7
1/16" PLY
F8
1/16" PLY
F9
1/8" PLY
1/4" BALSA
F10
F11
1/4" PLY
NOTE: TO CLARIFY INTERNAL DETAILS, TOP 1/4" SHEET IS OMITTED IN TOP VIEW; SIDE 1/4" SHEETING IS OMITTED IN SIDE VIEW.
WHERE HARDWOOD OR PLYWOOD IS NOT SPECIFIED, BALSA IS USED.
PLASTIC "PILOT" IS OPTIONAL
F-F
K&B 40 ENGINE IS SHOWN (TILT 16° IF A MUFFLER IS USED). A 'SLIMLINE' OR OTHER MODIFIED MUFFLER IS RECOMMENDED.
F12 - 1/16" PLY
.020" CLEAR PLASTIC
3/32" DOWEL
CARVE FAIRING FROM SCRAP BALSA
1/4" NYLON SCREW
1/4" PLY INSERT
MAPLE BLOCK
1/4" SHEET
3/16" X 1/2" BALSA LONGERONS
AIRFOIL AT W1 (ROOT)
AIRFOIL AT W2 AND FUSELAGE SIDE
AILERON PUSH ROD
3/8" X 3/4" MAPLE INSERT
GRISH 10-6 PUSHER PROP
2-1/4" GOLDBERG SPINNER
RECEIVER BATTERY
1/2" TRIANGLE STOCK
RECEIVER
C.G.
EPOXY
1/16" PLY
SULLIVAN RST-6 (OR SIMILAR) FUEL TANK
6-32 SCREWS AND BLIND NUTS
4° INCIDENCE IN STABILIZER
1/4" SHEET (CROSS-GRAINED)
5/32" WHEEL COLLAR
GOLDBERG NYLON NOSE GEAR BEARING (FOR 5/32" STRUT)
HARDWOOD SERVO RAILS
KRAFT ENGINE MOUNT
TOP
DIHEDRAL JIG (SCRAP PLY)
- SEE TEXT -
DU-BRO UNIVERSAL 5/32" NOSE GEAR
1/4" PLY L.G. MOUNT
EPOXY FILLET
5/32" WIRE
NYLON TAPE AND EPOXY
1/2" TRIANGLE STOCK
1/4" SHEET
1/4" SHEET SIDES
A-A
B-B
C-C
D-D
E-E
1/4" SHEET BALSA
HINGE LOCATIONS
3/16" X 1/2" BALSA
BANNER NO. 532 AXLES
5/32" WHEEL COLLARS
2-1/2" DIA. WHEELS
BRIDI L-4 LARGE L.G. STRUT (.090 DURAL) - BEND TO SHAPE SHOWN IN FRONT VIEW.
EPOXY 3/32" PIANO WIRE SKID IN PLACE
DRAGON
DESIGNED BY ALFRED NEUHAUS
PLANS - PAUL PLECAN
0 1 2 3 4 5 6