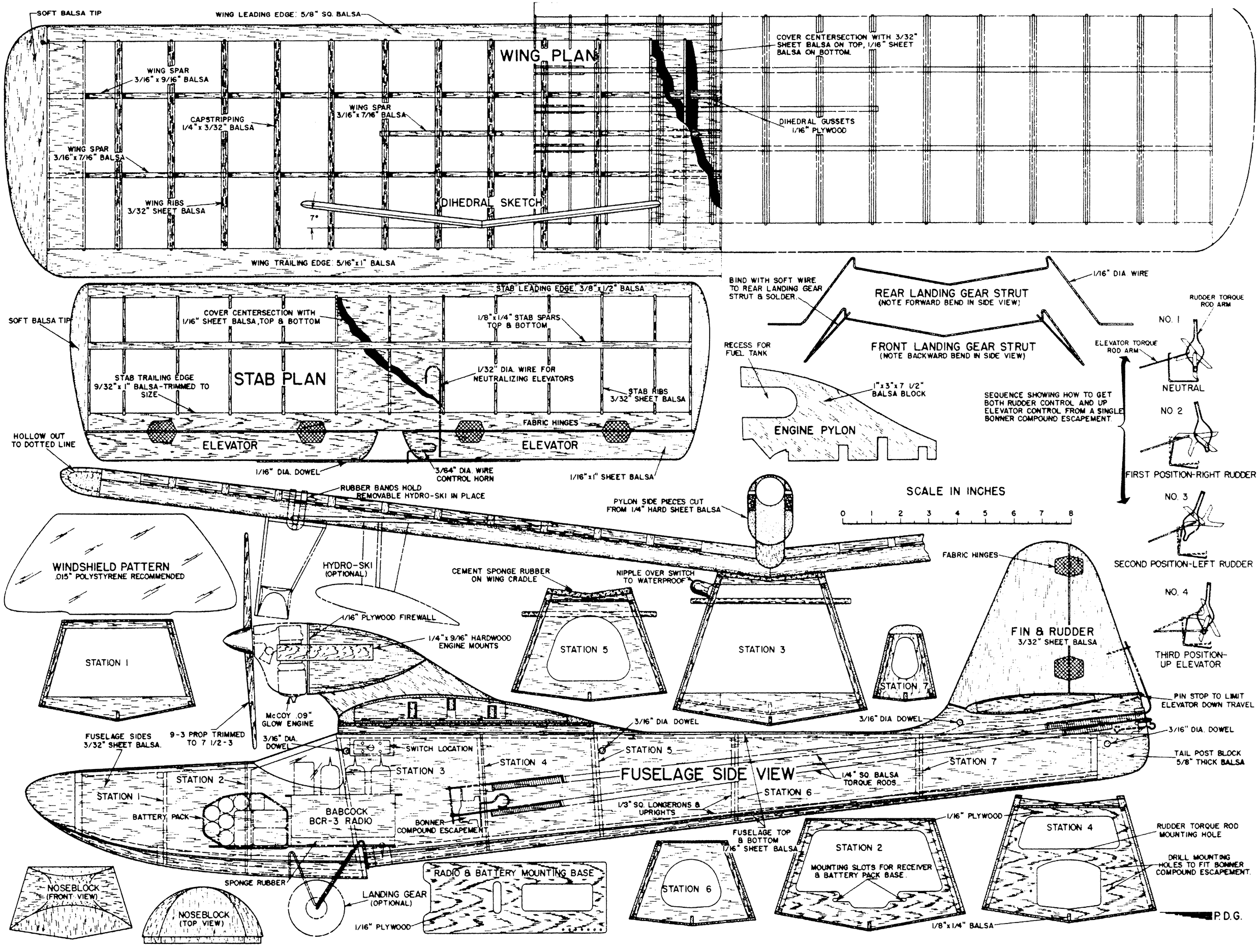

SOFT BALSA TIP
WING LEADING EDGE: 5/8" SQ. BALSA
WING PLAN
COVER CENTERSECTION WITH 3/32" SHEET BALSA ON TOP, 1/16" SHEET BALSA ON BOTTOM.
WING SPAR 3/16" x 9/16" BALSA
CAPSTRIPPING 1/4" x 3/32" BALSA
WING SPAR 3/16" x 7/16" BALSA
DIHEDRAL GUSSETS 1/16" PLYWOOD
WING SPAR 3/16" x 7/16" BALSA
WING RIBS 3/32" SHEET BALSA
DIHEDRAL SKETCH
7°
WING TRAILING EDGE: 5/16" x 1" BALSA
STAB LEADING EDGE: 3/8" x 1/2" BALSA
SOFT BALSA TIP
COVER CENTERSECTION WITH 1/16" SHEET BALSA, TOP & BOTTOM
1/8" x 1/4" STAB SPARS TOP & BOTTOM
STAB TRAILING EDGE 9/32" x 1" BALSA-TRIMMED TO SIZE
STAB PLAN
1/32" DIA. WIRE FOR NEUTRALIZING ELEVATORS
STAB RIBS 3/32" SHEET BALSA
FABRIC HINGES
HOLLOW OUT TO DOTTED LINE
ELEVATOR
ELEVATOR
1/16" DIA. DOWEL
3/64" DIA. WIRE CONTROL HORN
1/16" x 1" SHEET BALSA
BIND WITH SOFT WIRE TO REAR LANDING GEAR STRUT & SOLDER.
REAR LANDING GEAR STRUT (NOTE FORWARD BEND IN SIDE VIEW)
1/16" DIA WIRE
FRONT LANDING GEAR STRUT (NOTE BACKWARD BEND IN SIDE VIEW)
RECESS FOR FUEL TANK
1" x 3" x 7 1/2" BALSA BLOCK
ENGINE PYLON
RUDDER TORQUE ROD ARM
NO. 1
ELEVATOR TORQUE ROD ARM
NEUTRAL
SEQUENCE SHOWING HOW TO GET BOTH RUDDER CONTROL AND UP ELEVATOR CONTROL FROM A SINGLE BONNER COMPOUND ESCAPEMENT.
NO 2
FIRST POSITION-RIGHT RUDDER
NO. 3
SECOND POSITION-LEFT RUDDER
NO. 4
THIRD POSITION-UP ELEVATOR
RUBBER BANDS HOLD REMOVABLE HYDRO-SKI IN PLACE
PYLON SIDE PIECES CUT FROM 1/4" HARD SHEET BALSA
SCALE IN INCHES
0 1 2 3 4 5 6 7 8
WINDSHIELD PATTERN .015" POLYSTYRENE RECOMMENDED
HYDRO-SKI (OPTIONAL)
CEMENT SPONGE RUBBER ON WING CRADLE
NIPPLE OVER SWITCH TO WATERPROOF
FABRIC HINGES
1/16" PLYWOOD FIREWALL
1/4" x 9/16" HARDWOOD ENGINE MOUNTS
STATION 1
STATION 5
STATION 3
STATION 7
FIN & RUDDER 3/32" SHEET BALSA
PIN STOP TO LIMIT ELEVATOR DOWN TRAVEL
McCOY .09" GLOW ENGINE
3/16" DIA. DOWEL
3/16" DIA DOWEL
3/16" DIA. DOWEL
FUSELAGE SIDES 3/32" SHEET BALSA.
9-3 PROP TRIMMED TO 7 1/2-3
3/16" DIA. DOWEL
SWITCH LOCATION
STATION 5
STATION 4
STATION 3
STATION 2
STATION 1
FUSELAGE SIDE VIEW
1/4" SQ. BALSA TORQUE RODS
STATION 7
TAIL POST BLOCK 5/8" THICK BALSA
STATION 6
BATTERY PACK
BABCOCK BCR-3 RADIO
BONNER COMPOUND ESCAPEMENT
1/3" SQ. LONGERONS & UPRIGHTS
FUSELAGE TOP & BOTTOM 1/16" SHEET BALSA
1/16" PLYWOOD
STATION 4
RUDDER TORQUE ROD MOUNTING HOLE
STATION 2
MOUNTING SLOTS FOR RECEIVER & BATTERY PACK BASE.
DRILL MOUNTING HOLES TO FIT BONNER COMPOUND ESCAPEMENT.
NOSEBLOCK (FRONT VIEW)
NOSEBLOCK (TOP VIEW)
SPONGE RUBBER
LANDING GEAR (OPTIONAL)
RADIO & BATTERY MOUNTING BASE
1/16" PLYWOOD
STATION 6
1/8" x 1/4" BALSA
P.D.G.