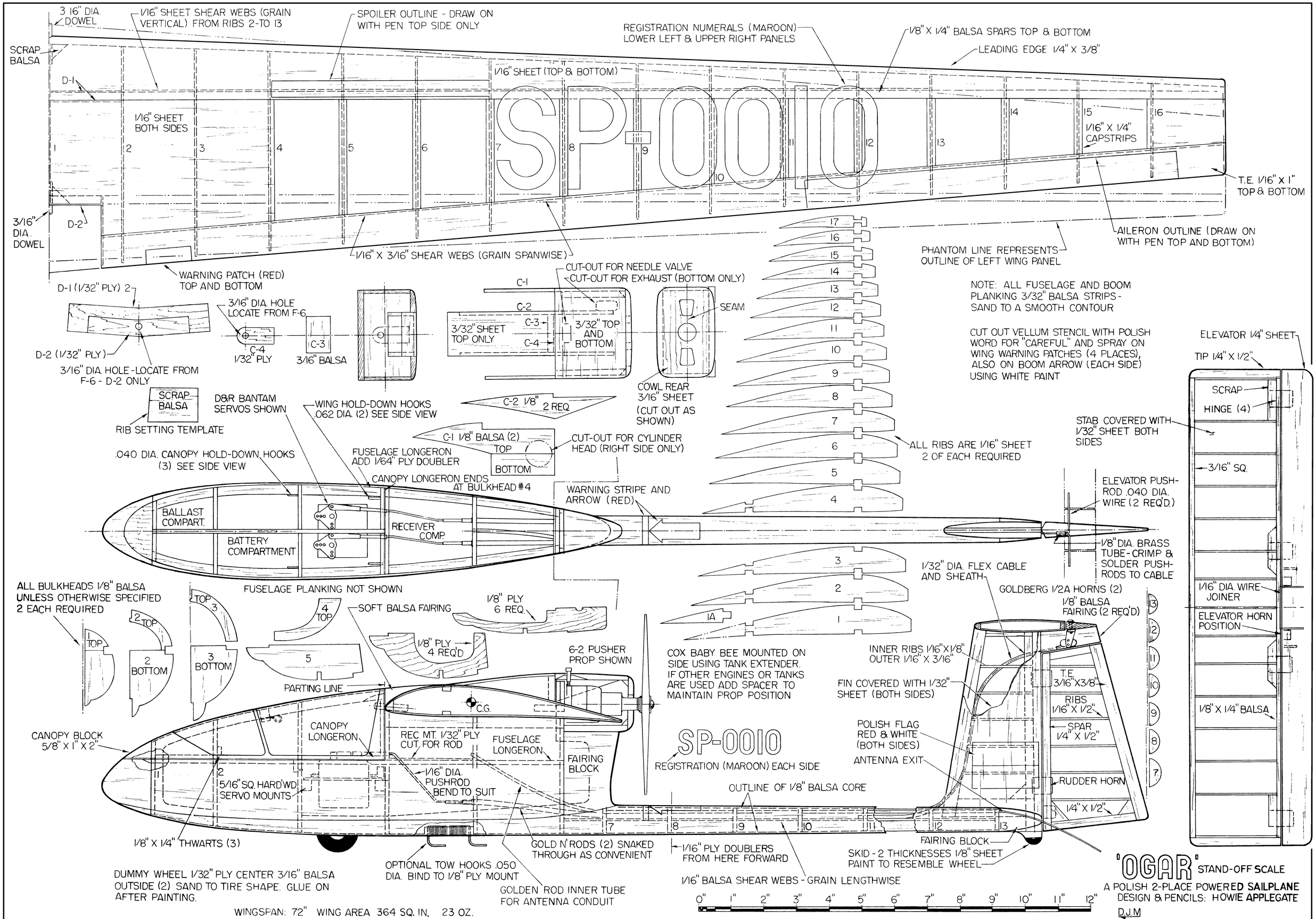
3 16" DIA. DOWEL
1/16" SHEET SHEAR WEBS (GRAIN VERTICAL) FROM RIBS 2-TO 13
SPOILER OUTLINE - DRAW ON WITH PEN TOP SIDE ONLY
REGISTRATION NUMERALS (MAROON) LOWER LEFT & UPPER RIGHT PANELS
1/8" X 1/4" BALSA SPARS TOP & BOTTOM
LEADING EDGE 1/4" X 3/8"
SCRAP BALSA
D-1
1/16" SHEET (TOP & BOTTOM)
1/16" SHEET BOTH SIDES
1/16" X 1/4" CAPSTRIPS
T.E. 1/16" X 1" TOP & BOTTOM
3/16" DIA. DOWEL
D-2
1/16" X 3/16" SHEAR WEBS (GRAIN SPANWISE)
AILERON OUTLINE (DRAW ON WITH PEN TOP AND BOTTOM)
PHANTOM LINE REPRESENTS OUTLINE OF LEFT WING PANEL
WARNING PATCH (RED) TOP AND BOTTOM
D-1 (1/32" PLY) 2
3/16" DIA. HOLE LOCATE FROM F-6
D-2 (1/32" PLY)
C-4 1/32" PLY
C-3 3/16" BALSA
3/16" DIA. HOLE-LOCATE FROM F-6 - D-2 ONLY
CUT-OUT FOR NEEDLE VALVE
CUT-OUT FOR EXHAUST (BOTTOM ONLY)
C-1
C-2
C-3
C-4
3/32" SHEET TOP ONLY
3/32" TOP AND BOTTOM
SEAM
COWL REAR 3/16" SHEET (CUT OUT AS SHOWN)
C-2 1/8" 2 REQ
NOTE: ALL FUSELAGE AND BOOM PLANKING 3/32" BALSA STRIPS - SAND TO A SMOOTH CONTOUR
CUT OUT VELLUM STENCIL WITH POLISH WORD FOR "CAREFUL" AND SPRAY ON WING WARNING PATCHES (4 PLACES), ALSO ON BOOM ARROW (EACH SIDE) USING WHITE PAINT
ELEVATOR 1/4" SHEET
TIP 1/4" X 1/2"
SCRAP BALSA
RIB SETTING TEMPLATE
D&R BANTAM SERVOS SHOWN
WING HOLD-DOWN HOOKS .062 DIA. (2) SEE SIDE VIEW
C-1 1/8" BALSA (2)
TOP
BOTTOM
CUT-OUT FOR CYLINDER HEAD (RIGHT SIDE ONLY)
ALL RIBS ARE 1/16" SHEET 2 OF EACH REQUIRED
SCRAP
HINGE (4)
STAB COVERED WITH 1/32" SHEET BOTH SIDES
.040 DIA. CANOPY HOLD-DOWN HOOKS (3) SEE SIDE VIEW
FUSELAGE LONGERON ADD 1/64" PLY DOUBLER
CANOPY LONGERON ENDS AT BULKHEAD #4
WARNING STRIPE AND ARROW (RED)
3/16" SQ.
ELEVATOR PUSH-ROD .040 DIA. WIRE (2 REQ'D.)
BALLAST COMPART.
BATTERY COMPARTMENT
RECEIVER COMP.
1/8" DIA. BRASS TUBE-CRIMP & SOLDER PUSH-RODS TO CABLE
1/32" DIA. FLEX CABLE AND SHEATH
GOLDBERG 1/2A HORNS (2)
1/8" BALSA FAIRING (2 REQ'D)
ALL BULKHEADS 1/8" BALSA UNLESS OTHERWISE SPECIFIED 2 EACH REQUIRED
FUSELAGE PLANKING NOT SHOWN
SOFT BALSA FAIRING
1/8" PLY 6 REQ.
1/16" DIA. WIRE JOINER
ELEVATOR HORN POSITION
1/8" PLY 4 REQ'D
6-2 PUSHER PROP SHOWN
COX BABY BEE MOUNTED ON SIDE USING TANK EXTENDER. IF OTHER ENGINES OR TANKS ARE USED ADD SPACER TO MAINTAIN PROP POSITION
INNER RIBS 1/16" X 1/8" OUTER 1/16" X 3/16"
PARTING LINE
C.G.
FIN COVERED WITH 1/32" SHEET (BOTH SIDES)
T.E. 3/16" X 3/8"
RIBS 1/16" X 1/2"
1/8" X 1/4" BALSA
CANOPY BLOCK 5/8" X 1" X 2"
CANOPY LONGERON
REC. MT. 1/32" PLY CUT FOR ROD
FUSELAGE LONGERON
FAIRING BLOCK
SP-0010
REGISTRATION (MAROON) EACH SIDE
POLISH FLAG RED & WHITE (BOTH SIDES)
SPAR 1/4" X 1/2"
ANTENNA EXIT
1/16" DIA. PUSHROD BEND TO SUIT
5/16" SQ. HARD'WD. SERVO MOUNTS
OUTLINE OF 1/8" BALSA CORE
RUDDER HORN
1/4" X 1/2"
1/8" X 1/4" THWARTS (3)
GOLD N' RODS (2) SNAKED THROUGH AS CONVENIENT
1/16" PLY DOUBLERS FROM HERE FORWARD
FAIRING BLOCK
SKID - 2 THICKNESSES 1/8" SHEET PAINT TO RESEMBLE WHEEL
OPTIONAL TOW HOOKS .050 DIA. BIND TO 1/8" PLY MOUNT
GOLDEN ROD INNER TUBE FOR ANTENNA CONDUIT
1/16" BALSA SHEAR WEBS - GRAIN LENGTHWISE
DUMMY WHEEL 1/32" PLY CENTER 3/16" BALSA OUTSIDE (2) SAND TO TIRE SHAPE. GLUE ON AFTER PAINTING.
WINGSPAN: 72" WING AREA 364 SQ. IN. 23 OZ.
0" 1" 2" 3" 4" 5" 6" 7" 8" 9" 10" 11" 12"
'OGAR' STAND-OFF SCALE
A POLISH 2-PLACE POWERED SAILPLANE
DESIGN & PENCILS: HOWIE APPLEGATE
D.J.M