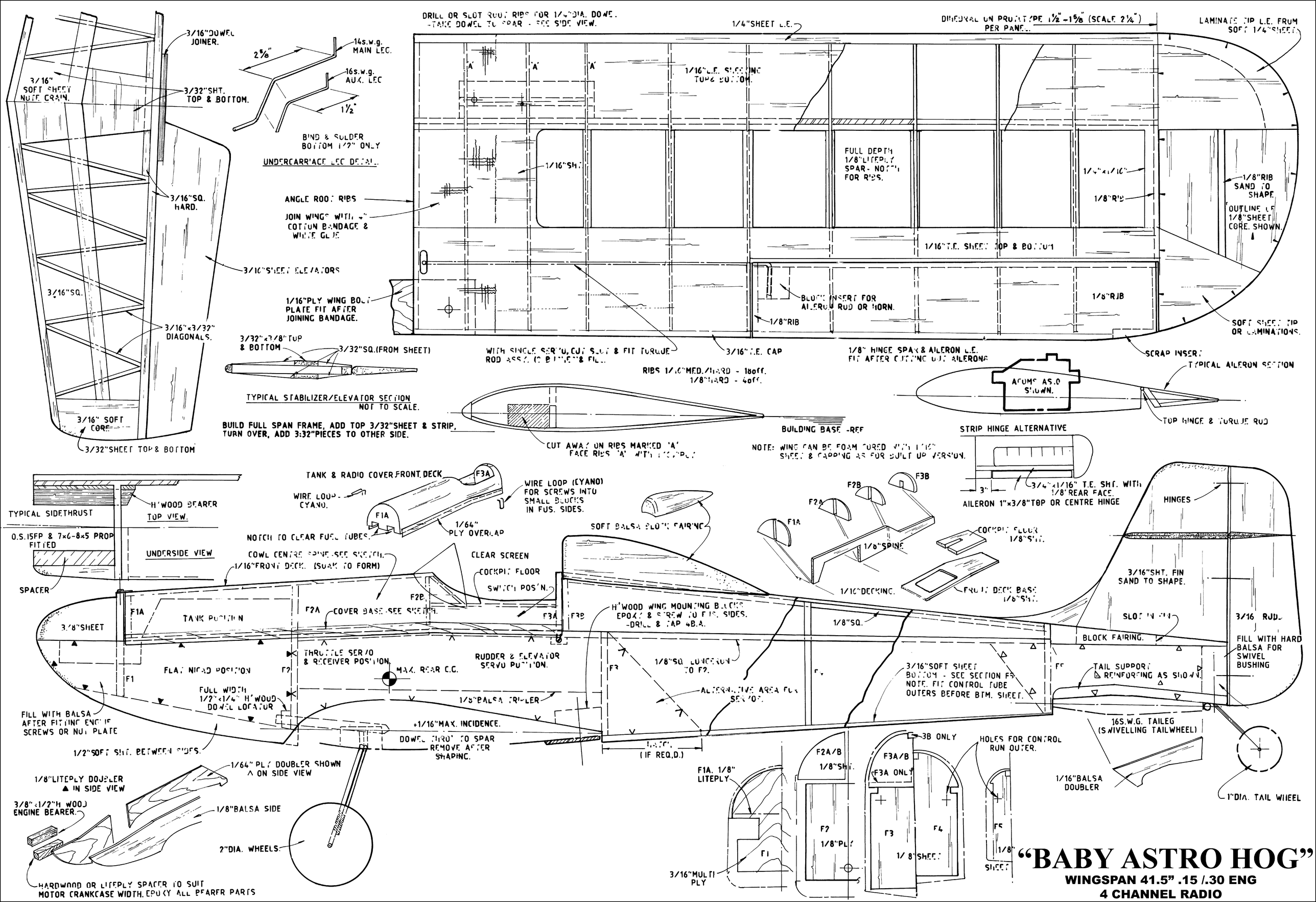
3/16"DOWEL JOINER.
3/16" SOFT SHEET NOTE GRAIN.
3/32"SHT. TOP & BOTTOM.
3/16"SQ. HARD.
3/16"SHEET ELEVATORS
3/16"SQ.
3/16"x3/32" DIAGONALS.
3/16" SOFT CORE
3/32"SHEET TOP & BOTTOM
2 5/8"
14s.w.g. MAIN LEG.
16s.w.g. AUX. LEG
1 1/2"
BIND & SOLDER BOTTOM 1/2" ONLY
UNDERCARRIAGE LEG DETAIL.
DRILL OR SLOT ROOT RIBS FOR 1/4"DIA. DOWEL. -TAKE DOWEL TO SPAR - SEE SIDE VIEW.
1/4"SHEET L.E.
DIHEDRAL ON PROFILE TYPE 1 1/2"-1 5/8" (SCALE 2 1/4") PER PANEL.
LAMINATE TIP L.E. FROM SOFT 1/4"SHEET.
1/16"L.E. SHEETING TOP & BOTTOM.
1/16"SHT.
FULL DEPTH 1/8"LITEPLY SPAR- NOTCH FOR RIBS.
1/4"x1/16"
1/8"RIB
1/8"RIB SAND TO SHAPE
OUTLINE OF 1/8"SHEET CORE. SHOWN.
ANGLE ROOT RIBS
JOIN WINGS WITH 4" COTTON BANDAGE & WHITE GLUE
1/16"T.E. SHEET TOP & BOTTOM
1/16"PLY WING BOLT PLATE FIT AFTER JOINING BANDAGE.
BLOCK INSERT FOR AILERON ROD OR HORN.
1/8"RIB
1/8"RIB
SOFT SHEET TIP OR LAMINATIONS.
3/32"x3/8" TOP & BOTTOM
3/32"SQ.(FROM SHEET)
TYPICAL STABILIZER/ELEVATOR SECTION NOT TO SCALE.
WITH SINGLE SERVO, CUT SLOT & FIT TORQUE ROD ASSY. (2 BLOCKS & FIL.)
3/16"L.E. CAP
1/8" HINGE SPAR & AILERON L.E. FIT AFTER CUTTING OUT AILERONS
SCRAP INSERT
RIBS 1/16"MED./HARD - 18off. 1/8"HARD - 4off.
TYPICAL AILERON SECTION
ACUMS AS.0 SHOWN.
TOP HINGE & TORQUE ROD
BUILD FULL SPAN FRAME, ADD TOP 3/32"SHEET & STRIP, TURN OVER, ADD 3:32"PIECES TO OTHER SIDE.
CUT AWAY ON RIBS MARKED 'A' FACE RIBS 'A' WITH 1/16"PLY
BUILDING BASE -REF
NOTE: WING CAN BE FOAM CORED WITH 1/16" SHEET & CAPPING AS FOR BUILT UP VERSION.
STRIP HINGE ALTERNATIVE
3/4"x1/16" T.E. SHT. WITH 1/8" REAR FACE.
3"
AILERON 1"x3/8"TOP OR CENTRE HINGE
HINGES
TYPICAL SIDETHRUST
H'WOOD BEARER TOP VIEW.
O.S.15FP & 7x6-8x5 PROP FITTED
UNDERSIDE VIEW
SPACER
TANK & RADIO COVER FRONT DECK
F3A
WIRE LOOP (CYANO) FOR SCREWS INTO SMALL BLOCKS IN FUS. SIDES.
WIRE LOOP - CYANO.
F1A
1/64" PLY OVERLAP
NOTCH TO CLEAR FUEL TUBES.
COWL CENTRE SPINE-SEE SKETCH.
1/16"FRONT DECK. (SOAK TO FORM)
CLEAR SCREEN
COCKPIT FLOOR
SWITCH POS'N.
SOFT BALSA BLOCK FAIRING
F2A
F2B
F3B
F1A
1/8"SPINE
COCKPIT FLOOR 1/8"SHT.
1/16"DECKING.
FRONT DECK BASE 1/8"SHT.
3/16"SHT. FIN SAND TO SHAPE.
SLOT IN FIN
3/16 RUD.
F1A
TANK POSITION
F2A
COVER BASE-SEE SKETCH.
F2B
F3A
F3B
H'WOOD WING MOUNTING BLOCKS EPOXY & SCREW TO FUS. SIDES. -DRILL & TAP 4B.A.
1/8"SQ.
3/8"SHEET
BLOCK FAIRING.
FILL WITH HARD BALSA FOR SWIVEL BUSHING
THROTTLE SERVO & RECEIVER POSITION.
RUDDER & ELEVATOR SERVO POSITION.
1/8"SQ. LONGERON TO F2.
F1
F2
FLAT NICAD POSITION
MAX. REAR C.G.
F3
F4
F5
3/16"SOFT SHEET BOTTOM - SEE SECTION F5 NOTE. FIT CONTROL TUBE OUTERS BEFORE BTM. SHEET.
TAIL SUPPORT & REINFORCING AS SHOWN.
FULL WIDTH 1/2"x1/4" H'WOOD DOWEL LOCATOR
1/8"BALSA TRIPLER
ALTERNATIVE AREA FOR SERVO.
FILL WITH BALSA AFTER FITTING ENGINE SCREWS OR NUT PLATE
+1/16"MAX. INCIDENCE.
DOWEL THROU' TO SPAR REMOVE AFTER SHAPING.
16S.W.G. TAILEG (SWIVELLING TAILWHEEL)
1/2"SOFT SHT. BETWEEN SIDES.
HATCH (IF REQ.D.)
1/64" PLY DOUBLER SHOWN ^ ON SIDE VIEW
1/8"LITEPLY DOUBLER ▲ IN SIDE VIEW
3/8"x1/2"H WOOD ENGINE BEARER.
1/8"BALSA SIDE
2"DIA. WHEELS.
HARDWOOD OR LITEPLY SPACER TO SUIT MOTOR CRANKCASE WIDTH. EPOXY ALL BEARER PARTS
F1A. 1/8" LITEPLY
F1
3/16"MULTI PLY
F2A/B 1/8"SHT.
F2 1/8"PLY
F3A/B
F3A ONLY
3B ONLY
F3
F4
1/8" SHEET
HOLES FOR CONTROL RUN OUTER.
F5
1/8" SHEET
1/16"BALSA DOUBLER
1"DIA. TAIL WHEEL
"BABY ASTRO HOG"
WINGSPAN 41.5" .15 /.30 ENG
4 CHANNEL RADIO