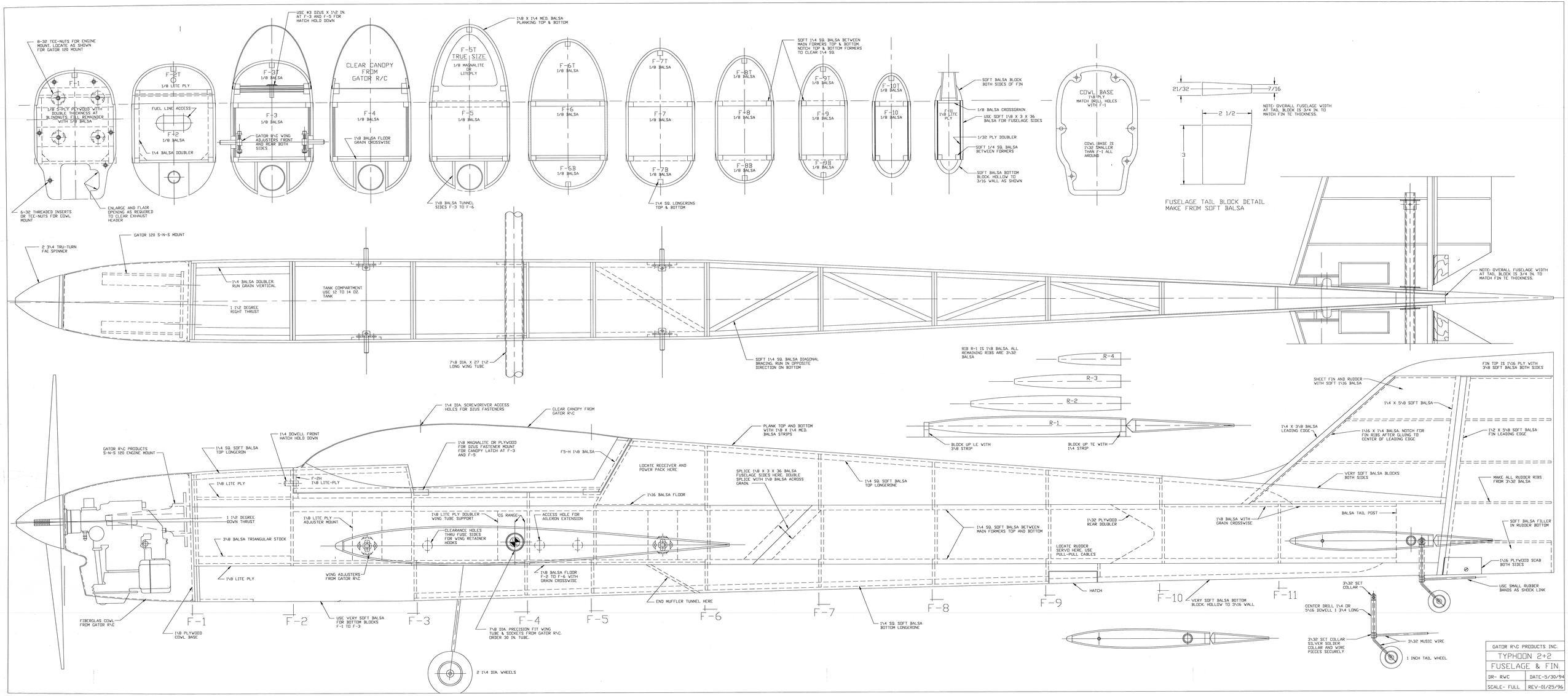
8-32 TEE-NUTS FOR ENGINE MOUNT. LOCATE AS SHOWN FOR GATOR 120 MOUNT
F-1
1/8 5-PLY PLYWOOD WITH DOUBLE THICKNESS AT BLINDNUTS. FILL REMAINDER WITH 1/8 BALSA
6-32 THREADED INSERTS OR TEE-NUTS FOR COWL MOUNT
ENLARGE AND FLAIR OPENING AS REQUIRED TO CLEAR EXHAUST HEADER
F-2T
1/8 LITE PLY
FUEL LINE ACCESS
F-12
1/8 BALSA
1/4 BALSA DOUBLER
USE #3 DZUS X 1/2 IN. AT F-3 AND F-5 FOR HATCH HOLD DOWN
F-3T
1/8 BALSA
F-3
1/8 BALSA
GATOR R/C WING ADJUSTERS FRONT AND REAR BOTH SIDES
CLEAR CANOPY FROM GATOR R/C
F-4
1/8 BALSA
1/8 BALSA FLOOR GRAIN CROSSWISE
1/8 X 1/4 MED. BALSA PLANKING TOP & BOTTOM
F-5T
TRUE SIZE
1/8 MAGNALITE OR LITEPLY
F-5
1/8 BALSA
1/8 BALSA TUNNEL SIDES F-3 TO F-6
F-6T
1/8 BALSA
F-6
1/8 BALSA
F-6B
1/8 BALSA
F-7T
1/8 BALSA
F-7
1/8 BALSA
F-7B
1/8 BALSA
1/4 SQ. LONGERONS TOP & BOTTOM
F-8T
1/8 BALSA
F-8
1/8 BALSA
F-8B
1/8 BALSA
SOFT 1/4 SQ. BALSA BETWEEN MAIN FORMERS TOP & BOTTOM. NOTCH TOP & BOTTOM FORMERS TO CLEAR 1/4 SQ.
F-9T
1/8 BALSA
F-9
1/8 BALSA
F-9B
1/8 BALSA
F-10T
1/8 BALSA
F-10
1/8 BALSA
F-11
1/8 LITE PLY
SOFT BALSA BLOCK BOTH SIDES OF FIN
1/8 BALSA CROSSGRAIN
USE SOFT 1/8 X 3 X 36 BALSA FOR FUSELAGE SIDES
1/32 PLY DOUBLER
SOFT 1/4 SQ. BALSA BETWEEN FORMERS
SOFT BALSA BOTTOM BLOCK HOLLOW TO 3/16 WALL AS SHOWN
COWL BASE
1/8 PLY
MATCH DRILL HOLES WITH F-1
COWL BASE IS 1/32 SMALLER THAN F-1 ALL AROUND
21/32
7/16
2 1/2
3
NOTE: OVERALL FUSELAGE WIDTH AT TAIL BLOCK IS 3/4 IN. TO MATCH FIN TE THICKNESS.
FUSELAGE TAIL BLOCK DETAIL
MAKE FROM SOFT BALSA
GATOR 120 S-N-S MOUNT
2 3/4 TRU-TURN FAI SPINNER
1/4 BALSA DOUBLER. RUN GRAIN VERTICAL
1 1/2 DEGREE RIGHT THRUST
TANK COMPARTMENT USE 12 TO 14 OZ. TANK
7/8 DIA. X 27 1/2 LONG WING TUBE
SOFT 1/4 SQ. BALSA DIAGONAL BRACING. RUN IN OPPOSITE DIRECTION ON BOTTOM
NOTE: OVERALL FUSELAGE WIDTH AT TAIL BLOCK IS 3/4 IN. TO MATCH FIN TE THICKNESS.
RIB R-1 IS 1/8 BALSA. ALL REMAINING RIBS ARE 3/32 BALSA
R-4
R-3
R-2
R-1
BLOCK UP LE WITH 3/8 STRIP
BLOCK UP TE WITH 1/4 STRIP
FIN TIP IS 1/16 PLY WITH 3/8 SOFT BALSA BOTH SIDES
SHEET FIN AND RUDDER WITH SOFT 1/16 BALSA
1/4 X 5/8 SOFT BALSA
1/4 X 3/8 BALSA LEADING EDGE
1/16 X 1/4 BALSA. NOTCH FOR FIN RIBS AFTER GLUING TO CENTER OF LEADING EDGE
1/2 X 5/8 SOFT BALSA FIN LEADING EDGE
1/4 DIA. SCREWDRIVER ACCESS HOLES FOR DZUS FASTENERS
CLEAR CANOPY FROM GATOR R/C
PLANK TOP AND BOTTOM WITH 1/8 X 1/4 MED. BALSA STRIPS
GATOR R/C PRODUCTS S-N-S 120 ENGINE MOUNT
1/4 SQ. SOFT BALSA TOP LONGERON
1/4 DOWELL FRONT HATCH HOLD DOWN
1/8 MAGNALITE OR PLYWOOD FOR DZUS FASTENER MOUNT FOR CANOPY LATCH AT F-3 AND F-5
F5-H 1/8 BALSA
LOCATE RECEIVER AND POWER PACK HERE
SPLICE 1/8 X 3 X 36 BALSA FUSELAGE SIDES HERE. DOUBLE SPLICE WITH 1/8 BALSA ACROSS GRAIN
1/4 SQ. SOFT BALSA TOP LONGERONE
VERY SOFT BALSA BLOCKS BOTH SIDES
MAKE ALL RUDDER RIBS FROM 3/32 BALSA
1/8 LITE PLY
F-2H
1/8 LITE-PLY
1/16 BALSA FLOOR
1 1/2 DEGREE DOWN THRUST
1/8 LITE PLY ADJUSTER MOUNT
1/8 LITE PLY DOUBLER WING TUBE SUPPORT
CG RANGE
ACCESS HOLE FOR AILERON EXTENSION
1/4 SQ. SOFT BALSA BETWEEN MAIN FORMERS TOP AND BOTTOM
1/32 PLYWOOD REAR DOUBLER
1/8 BALSA WITH GRAIN CROSSWISE
BALSA TAIL POST
SOFT BALSA FILLER IN RUDDER BOTTOM
3/8 BALSA TRIANGULAR STOCK
CLEARANCE HOLES THRU FUSE SIDES FOR WING RETAINER HOOKS
LOCATE RUDDER SERVO HERE. USE PULL-PULL CABLES
1/16 PLYWOOD SCAB BOTH SIDES
1/8 LITE PLY
WING ADJUSTERS FROM GATOR R/C
1/8 BALSA FLOOR F-2 TO F-6 WITH GRAIN CROSSWISE
END MUFFLER TUNNEL HERE
HATCH
VERY SOFT BALSA BOTTOM BLOCK HOLLOW TO 3/16 WALL
3/32 SET COLLAR
USE SMALL RUBBER BANDS AS SHOCK LINK
FIBERGLAS COWL FROM GATOR R/C
1/8 PLYWOOD COWL BASE
F-1
F-2
F-3
F-4
F-5
F-6
F-7
F-8
F-9
F-10
F-11
USE VERY SOFT BALSA FOR BOTTOM BLOCKS F-1 TO F-3
7/8 DIA. PRECISION FIT WING TUBE & SOCKETS FROM GATOR R/C. ORDER 30 IN TUBE.
1/4 SQ. SOFT BALSA BOTTOM LONGERONE
CENTER DRILL 1/4 OR 5/16 DOWELL 1 3/4 LONG
3/32 SET COLLAR SILVER SOLDER COLLAR AND WIRE PIECES SECURELY
3/32 MUSIC WIRE
1 INCH TAIL WHEEL
2 1/4 DIA. WHEELS
GATOR R/C PRODUCTS INC.
TYPHOON 2+2
FUSELAGE & FIN
DR- RWC
DATE-5/30/94
SCALE- FULL
REV-01/25/96