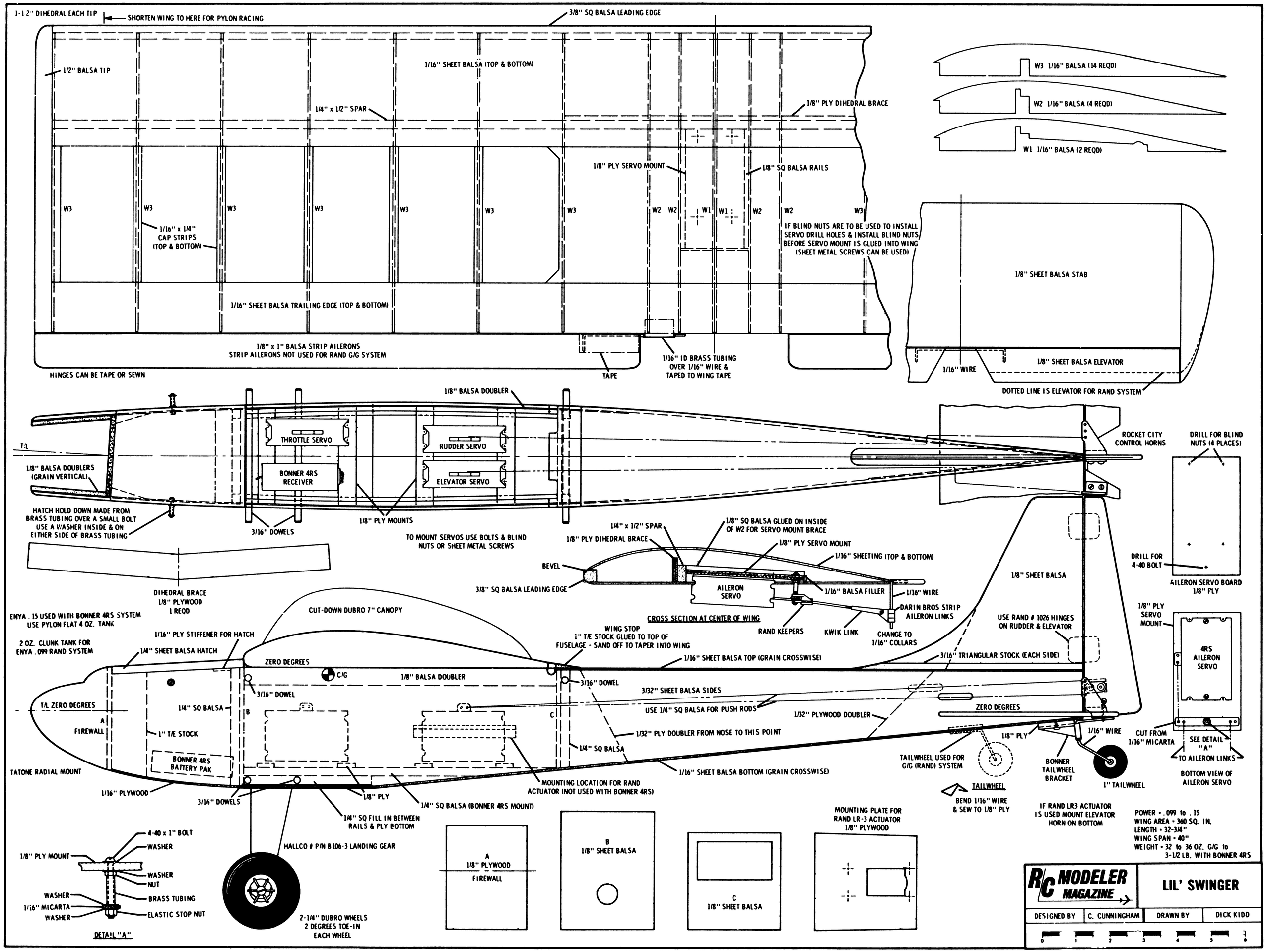
1-1/2" DIHEDRAL EACH TIP
SHORTEN WING TO HERE FOR PYLON RACING
3/8" SQ BALSA LEADING EDGE
1/2" BALSA TIP
1/16" SHEET BALSA (TOP & BOTTOM)
1/4" x 1/2" SPAR
1/8" PLY DIHEDRAL BRACE
1/8" PLY SERVO MOUNT
1/8" SQ BALSA RAILS
W3
W2
W1
1/16" x 1/4" CAP STRIPS (TOP & BOTTOM)
IF BLIND NUTS ARE TO BE USED TO INSTALL SERVO DRILL HOLES & INSTALL BLIND NUTS BEFORE SERVO MOUNT IS GLUED INTO WING (SHEET METAL SCREWS CAN BE USED)
1/16" SHEET BALSA TRAILING EDGE (TOP & BOTTOM)
1/8" x 1" BALSA STRIP AILERONS
STRIP AILERONS NOT USED FOR RAND G/G SYSTEM
HINGES CAN BE TAPE OR SEWN
TAPE
1/16" ID BRASS TUBING OVER 1/16" WIRE & TAPED TO WING TAPE
W3 1/16" BALSA (14 REQD)
W2 1/16" BALSA (4 REQD)
W1 1/16" BALSA (2 REQD)
1/8" SHEET BALSA STAB
1/16" WIRE
1/8" SHEET BALSA ELEVATOR
DOTTED LINE IS ELEVATOR FOR RAND SYSTEM
1/8" BALSA DOUBLER
T/L
THROTTLE SERVO
RUDDER SERVO
ELEVATOR SERVO
BONNER 4RS RECEIVER
1/8" BALSA DOUBLERS (GRAIN VERTICAL)
HATCH HOLD DOWN MADE FROM BRASS TUBING OVER A SMALL BOLT USE A WASHER INSIDE & ON EITHER SIDE OF BRASS TUBING
3/16" DOWELS
1/8" PLY MOUNTS
TO MOUNT SERVOS USE BOLTS & BLIND NUTS OR SHEET METAL SCREWS
ROCKET CITY CONTROL HORNS
DRILL FOR BLIND NUTS (4 PLACES)
DRILL FOR 4-40 BOLT
AILERON SERVO BOARD 1/8" PLY
1/8" SHEET BALSA
DIHEDRAL BRACE 1/8" PLYWOOD 1 REQD
1/4" x 1/2" SPAR
1/8" SQ BALSA GLUED ON INSIDE OF W2 FOR SERVO MOUNT BRACE
1/8" PLY DIHEDRAL BRACE
1/8" PLY SERVO MOUNT
1/16" SHEETING (TOP & BOTTOM)
BEVEL
3/8" SQ BALSA LEADING EDGE
AILERON SERVO
1/16" BALSA FILLER
1/16" WIRE
DARIN BROS STRIP AILERON LINKS
CROSS SECTION AT CENTER OF WING
RAND KEEPERS
KWIK LINK
CHANGE TO 1/16" COLLARS
ENYA .15 USED WITH BONNER 4RS SYSTEM USE PYLON FLAT 4 OZ. TANK
2 OZ. CLUNK TANK FOR ENYA .099 RAND SYSTEM
CUT-DOWN DUBRO 7" CANOPY
1/16" PLY STIFFENER FOR HATCH
1/4" SHEET BALSA HATCH
WING STOP 1" T/E STOCK GLUED TO TOP OF FUSELAGE - SAND OFF TO TAPER INTO WING
1/16" SHEET BALSA TOP (GRAIN CROSSWISE)
3/16" TRIANGULAR STOCK (EACH SIDE)
USE RAND # 1026 HINGES ON RUDDER & ELEVATOR
1/8" PLY SERVO MOUNT
4RS AILERON SERVO
ZERO DEGREES
C/G
1/8" BALSA DOUBLER
3/16" DOWEL
3/32" SHEET BALSA SIDES
T/L ZERO DEGREES
1/4" SQ BALSA
A
B
C
FIREWALL
1" T/E STOCK
USE 1/4" SQ BALSA FOR PUSH RODS
1/32" PLYWOOD DOUBLER
ZERO DEGREES
1/32" PLY DOUBLER FROM NOSE TO THIS POINT
BONNER 4RS BATTERY PAK
1/4" SQ BALSA
1/8" PLY
1/16" WIRE
CUT FROM 1/16" MICARTA
SEE DETAIL "A"
TO AILERON LINKS
TATONE RADIAL MOUNT
1/16" SHEET BALSA BOTTOM (GRAIN CROSSWISE)
TAILWHEEL USED FOR G/G (RAND) SYSTEM
BONNER TAILWHEEL BRACKET
1" TAILWHEEL
BOTTOM VIEW OF AILERON SERVO
1/16" PLYWOOD
3/16" DOWELS
1/8" PLY
1/4" SQ BALSA (BONNER 4RS MOUNT)
MOUNTING LOCATION FOR RAND ACTUATOR (NOT USED WITH BONNER 4RS)
TAILWHEEL
BEND 1/16" WIRE & SEW TO 1/8" PLY
IF RAND LR3 ACTUATOR IS USED MOUNT ELEVATOR HORN ON BOTTOM
POWER = .099 to .15
WING AREA = 360 SQ. IN.
LENGTH = 32-3/4"
WING SPAN = 40"
WEIGHT = 32 to 36 OZ. G/G to 3-1/2 LB. WITH BONNER 4RS
1/4" SQ FILL IN BETWEEN RAILS & PLY BOTTOM
HALLCO # P/N B106-3 LANDING GEAR
4-40 x 1" BOLT
WASHER
1/8" PLY MOUNT
WASHER
NUT
WASHER
BRASS TUBING
1/16" MICARTA
WASHER
ELASTIC STOP NUT
DETAIL "A"
2-1/4" DUBRO WHEELS 2 DEGREES TOE-IN EACH WHEEL
A 1/8" PLYWOOD FIREWALL
B 1/8" SHEET BALSA
C 1/8" SHEET BALSA
MOUNTING PLATE FOR RAND LR-3 ACTUATOR 1/8" PLYWOOD
R/C MODELER MAGAZINE
LIL' SWINGER
DESIGNED BY
C. CUNNINGHAM
DRAWN BY
DICK KIDD