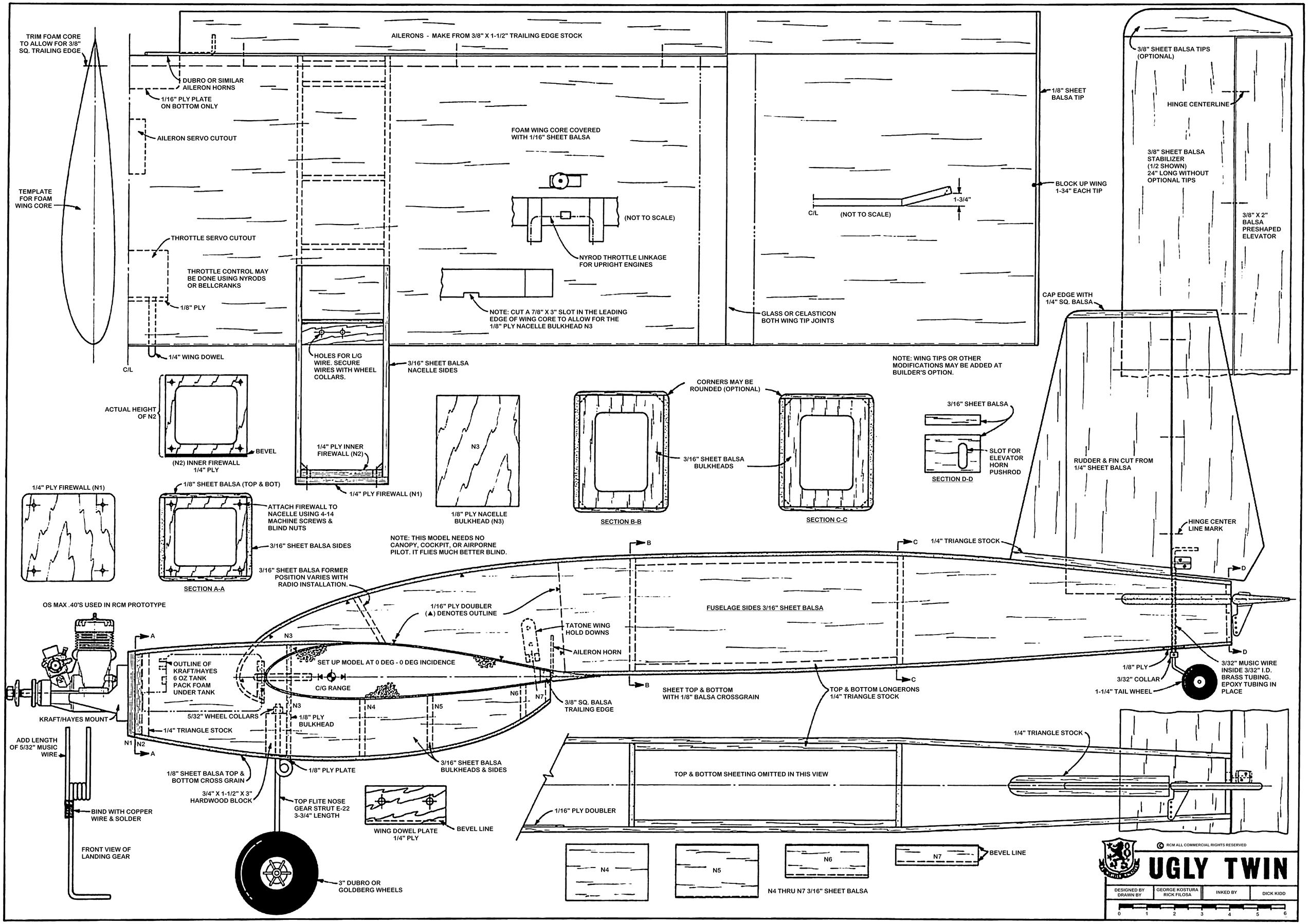
TRIM FOAM CORE TO ALLOW FOR 3/8" SQ. TRAILING EDGE
AILERONS - MAKE FROM 3/8" X 1-1/2" TRAILING EDGE STOCK
DUBRO OR SIMILAR AILERON HORNS
1/16" PLY PLATE ON BOTTOM ONLY
AILERON SERVO CUTOUT
FOAM WING CORE COVERED WITH 1/16" SHEET BALSA
1/8" SHEET BALSA TIP
3/8" SHEET BALSA TIPS (OPTIONAL)
HINGE CENTERLINE
3/8" SHEET BALSA STABILIZER (1/2 SHOWN) 24" LONG WITHOUT OPTIONAL TIPS
TEMPLATE FOR FOAM WING CORE
(NOT TO SCALE)
NYROD THROTTLE LINKAGE FOR UPRIGHT ENGINES
BLOCK UP WING 1-34" EACH TIP
1-3/4"
C/L
(NOT TO SCALE)
3/8" X 2" BALSA PRESHAPED ELEVATOR
THROTTLE SERVO CUTOUT
THROTTLE CONTROL MAY BE DONE USING NYRODS OR BELLCRANKS
1/8" PLY
NOTE: CUT A 7/8" X 3" SLOT IN THE LEADING EDGE OF WING CORE TO ALLOW FOR THE 1/8" PLY NACELLE BULKHEAD N3
GLASS OR CELASTICON BOTH WING TIP JOINTS
CAP EDGE WITH 1/4" SQ. BALSA
1/4" WING DOWEL
C/L
HOLES FOR L/G WIRE. SECURE WIRES WITH WHEEL COLLARS.
3/16" SHEET BALSA NACELLE SIDES
NOTE: WING TIPS OR OTHER MODIFICATIONS MAY BE ADDED AT BUILDER'S OPTION.
CORNERS MAY BE ROUNDED (OPTIONAL)
3/16" SHEET BALSA
ACTUAL HEIGHT OF N2
BEVEL
(N2) INNER FIREWALL 1/4" PLY
1/4" PLY INNER FIREWALL (N2)
N3
3/16" SHEET BALSA BULKHEADS
SLOT FOR ELEVATOR HORN PUSHROD
SECTION D-D
RUDDER & FIN CUT FROM 1/4" SHEET BALSA
1/4" PLY FIREWALL (N1)
1/8" SHEET BALSA (TOP & BOT)
1/4" PLY FIREWALL (N1)
ATTACH FIREWALL TO NACELLE USING 4-14 MACHINE SCREWS & BLIND NUTS
1/8" PLY NACELLE BULKHEAD (N3)
SECTION B-B
SECTION C-C
HINGE CENTER LINE MARK
3/16" SHEET BALSA SIDES
NOTE: THIS MODEL NEEDS NO CANOPY, COCKPIT, OR AIRPORNE PILOT. IT FLIES MUCH BETTER BLIND.
1/4" TRIANGLE STOCK
3/16" SHEET BALSA FORMER POSITION VARIES WITH RADIO INSTALLATION.
SECTION A-A
OS MAX .40'S USED IN RCM PROTOTYPE
1/16" PLY DOUBLER (▲) DENOTES OUTLINE
FUSELAGE SIDES 3/16" SHEET BALSA
TATONE WING HOLD DOWNS
AILERON HORN
OUTLINE OF KRAFT/HAYES 6 OZ TANK PACK FOAM UNDER TANK
SET UP MODEL AT 0 DEG - 0 DEG INCIDENCE
C/G RANGE
1/8" PLY
3/32" COLLAR
1-1/4" TAIL WHEEL
3/32" MUSIC WIRE INSIDE 3/32" I.D. BRASS TUBING. EPOXY TUBING IN PLACE
SHEET TOP & BOTTOM WITH 1/8" BALSA CROSSGRAIN
TOP & BOTTOM LONGERONS 1/4" TRIANGLE STOCK
3/8" SQ. BALSA TRAILING EDGE
KRAFT/HAYES MOUNT
5/32" WHEEL COLLARS
1/8" PLY BULKHEAD
1/4" TRIANGLE STOCK
ADD LENGTH OF 5/32" MUSIC WIRE
1/8" PLY PLATE
3/16" SHEET BALSA BULKHEADS & SIDES
1/8" SHEET BALSA TOP & BOTTOM CROSS GRAIN
3/4" X 1-1/2" X 3" HARDWOOD BLOCK
TOP FLITE NOSE GEAR STRUT E-22 3-3/4" LENGTH
TOP & BOTTOM SHEETING OMITTED IN THIS VIEW
1/16" PLY DOUBLER
BIND WITH COPPER WIRE & SOLDER
WING DOWEL PLATE 1/4" PLY
BEVEL LINE
FRONT VIEW OF LANDING GEAR
3" DUBRO OR GOLDBERG WHEELS
N4
N5
N6
N7
BEVEL LINE
N4 THRU N7 3/16" SHEET BALSA
RCM ALL COMMERCIAL RIGHTS RESERVED
UGLY TWIN
DESIGNED BY DRAWN BY
GEORGE KOSTURA RICK FILOSA
INKED BY
DICK KIDD
0 1 2 3 4 5 6
PLAN NO. 584