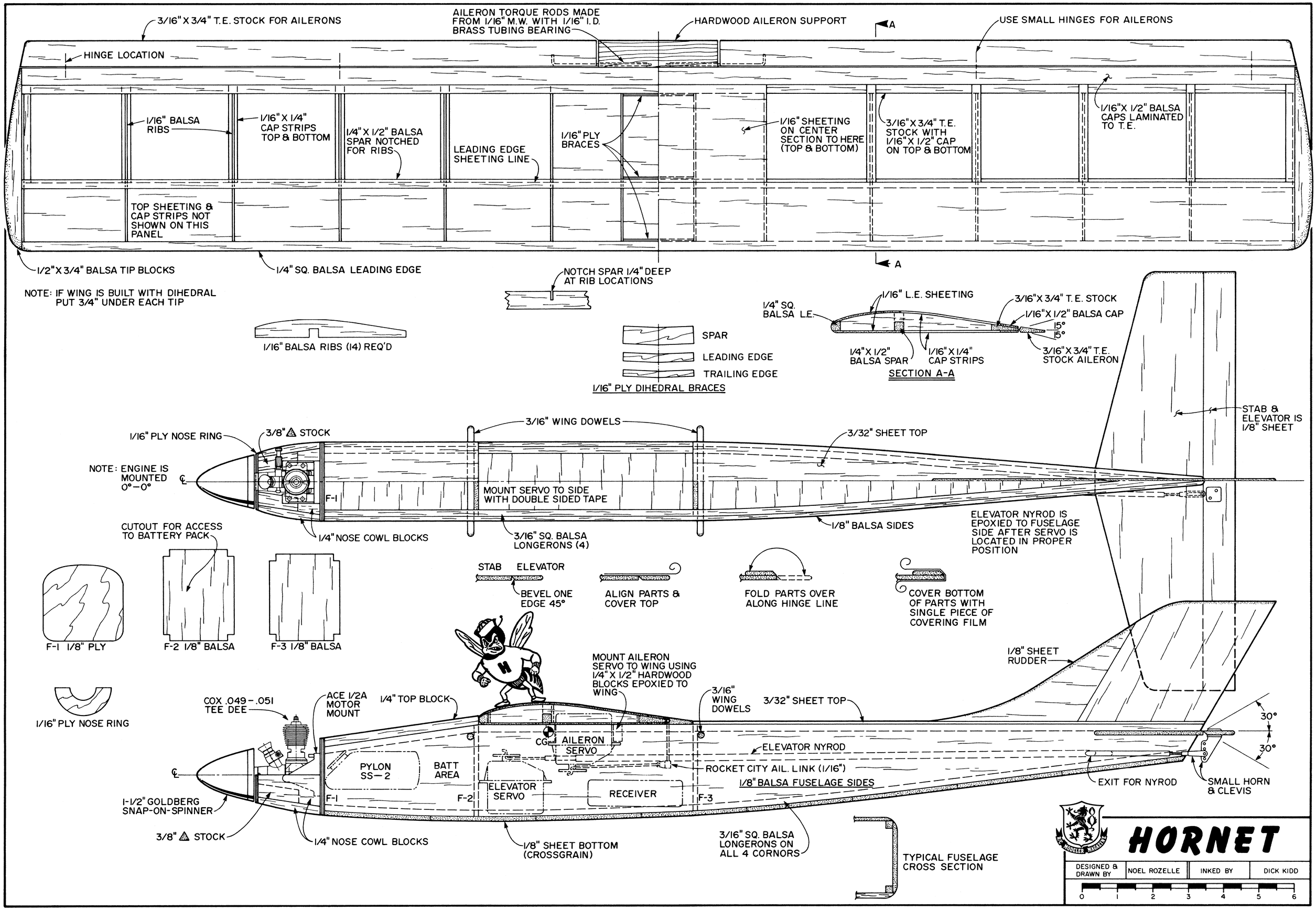
3/16" X 3/4" T.E. STOCK FOR AILERONS
AILERON TORQUE RODS MADE FROM 1/16" M.W. WITH 1/16" I.D. BRASS TUBING BEARING
HARDWOOD AILERON SUPPORT
A
USE SMALL HINGES FOR AILERONS
HINGE LOCATION
1/16" BALSA RIBS
1/16" X 1/4" CAP STRIPS TOP & BOTTOM
1/4" X 1/2" BALSA SPAR NOTCHED FOR RIBS
LEADING EDGE SHEETING LINE
1/16" PLY BRACES
1/16" SHEETING ON CENTER SECTION TO HERE (TOP & BOTTOM)
3/16" X 3/4" T.E. STOCK WITH 1/16" X 1/2" CAP ON TOP & BOTTOM
1/16" X 1/2" BALSA CAPS LAMINATED TO T.E.
TOP SHEETING & CAP STRIPS NOT SHOWN ON THIS PANEL
1/2" X 3/4" BALSA TIP BLOCKS
1/4" SQ. BALSA LEADING EDGE
NOTE: IF WING IS BUILT WITH DIHEDRAL PUT 3/4" UNDER EACH TIP
NOTCH SPAR 1/4" DEEP AT RIB LOCATIONS
1/16" BALSA RIBS (14) REQ'D
SPAR
LEADING EDGE
TRAILING EDGE
1/16" PLY DIHEDRAL BRACES
1/4" SQ. BALSA L.E.
1/16" L.E. SHEETING
3/16" X 3/4" T.E. STOCK
1/16" X 1/2" BALSA CAP
15°
15°
1/4" X 1/2" BALSA SPAR
1/16" X 1/4" CAP STRIPS
3/16" X 3/4" T.E. STOCK AILERON
SECTION A-A
STAB & ELEVATOR IS 1/8" SHEET
1/16" PLY NOSE RING
3/8" △ STOCK
3/16" WING DOWELS
3/32" SHEET TOP
NOTE: ENGINE IS MOUNTED 0°-0°
℄
F-1
MOUNT SERVO TO SIDE WITH DOUBLE SIDED TAPE
1/4" NOSE COWL BLOCKS
3/16" SQ. BALSA LONGERONS (4)
1/8" BALSA SIDES
ELEVATOR NYROD IS EPOXIED TO FUSELAGE SIDE AFTER SERVO IS LOCATED IN PROPER POSITION
CUTOUT FOR ACCESS TO BATTERY PACK
F-1 1/8" PLY
F-2 1/8" BALSA
F-3 1/8" BALSA
STAB
ELEVATOR
BEVEL ONE EDGE 45°
ALIGN PARTS & COVER TOP
FOLD PARTS OVER ALONG HINGE LINE
COVER BOTTOM OF PARTS WITH SINGLE PIECE OF COVERING FILM
1/8" SHEET RUDDER
1/16" PLY NOSE RING
COX .049-.051 TEE DEE
ACE 1/2A MOTOR MOUNT
1/4" TOP BLOCK
MOUNT AILERON SERVO TO WING USING 1/4" X 1/2" HARDWOOD BLOCKS EPOXIED TO WING
3/16" WING DOWELS
3/32" SHEET TOP
30°
30°
CG
AILERON SERVO
ELEVATOR NYROD
PYLON SS-2
BATT AREA
ROCKET CITY AIL. LINK (1/16")
1/8" BALSA FUSELAGE SIDES
ELEVATOR SERVO
RECEIVER
F-1
F-2
F-3
EXIT FOR NYROD
SMALL HORN & CLEVIS
1-1/2" GOLDBERG SNAP-ON-SPINNER
3/8" △ STOCK
1/4" NOSE COWL BLOCKS
1/8" SHEET BOTTOM (CROSSGRAIN)
3/16" SQ. BALSA LONGERONS ON ALL 4 CORNORS
TYPICAL FUSELAGE CROSS SECTION
HORNET
DESIGNED & DRAWN BY
NOEL ROZELLE
INKED BY
DICK KIDD
0 1 2 3 4 5 6