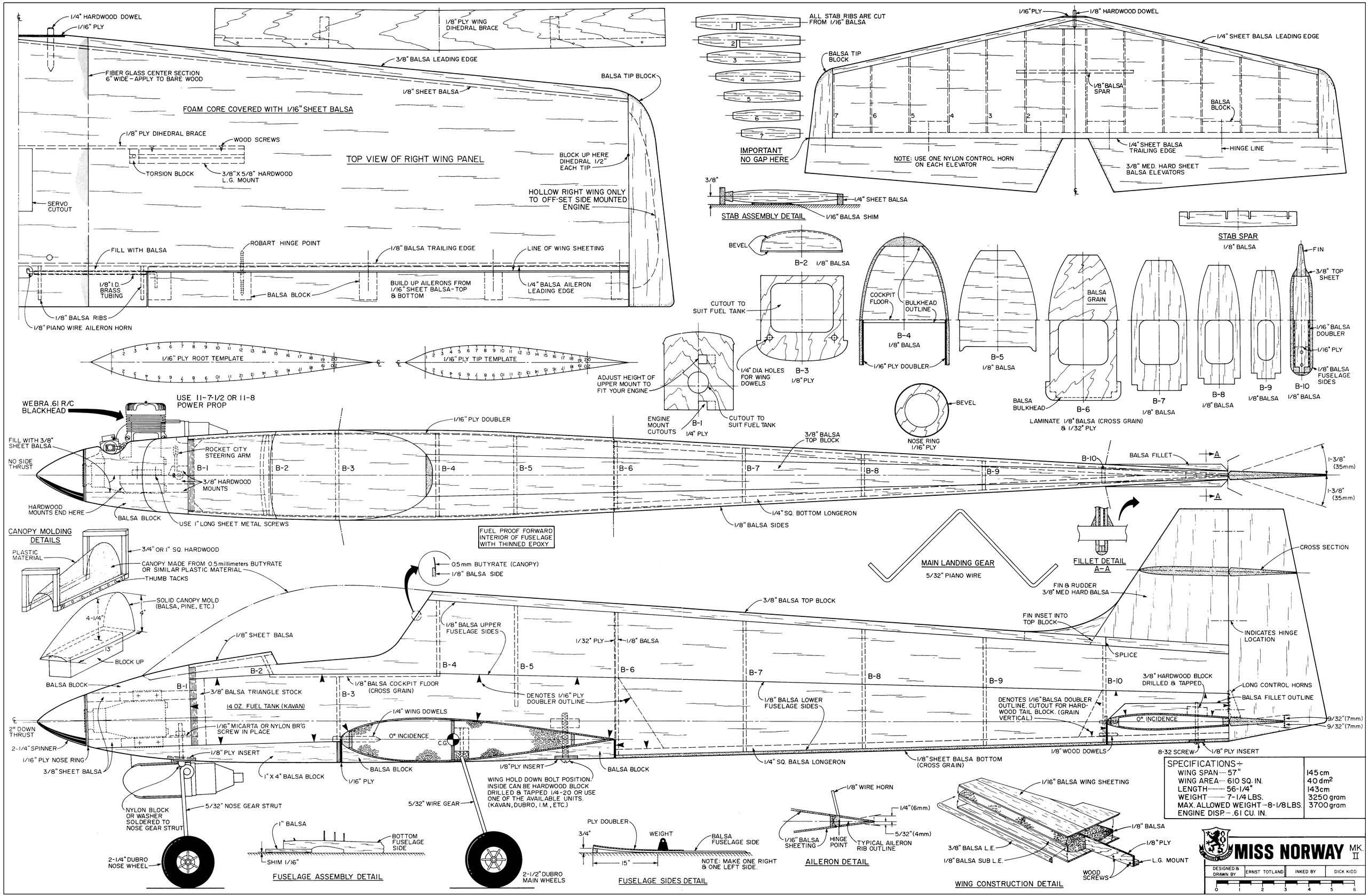
1/4" HARDWOOD DOWEL
1/16" PLY
1/8" PLY WING DIHEDRAL BRACE
3/8" BALSA LEADING EDGE
FIBER GLASS CENTER SECTION 6" WIDE - APPLY TO BARE WOOD
BALSA TIP BLOCK
1/8" SHEET BALSA
FOAM CORE COVERED WITH 1/16" SHEET BALSA
1/8" PLY DIHEDRAL BRACE
WOOD SCREWS
TOP VIEW OF RIGHT WING PANEL
BLOCK UP HERE DIHEDRAL 1/2" EACH TIP
TORSION BLOCK
3/8" X 5/8" HARDWOOD L.G. MOUNT
SERVO CUTOUT
HOLLOW RIGHT WING ONLY TO OFF-SET SIDE MOUNTED ENGINE
FILL WITH BALSA
ROBART HINGE POINT
1/8" BALSA TRAILING EDGE
LINE OF WING SHEETING
1/8" I.D. BRASS TUBING
BALSA BLOCK
BUILD UP AILERONS FROM 1/16" SHEET BALSA - TOP & BOTTOM
1/4" BALSA AILERON LEADING EDGE
1/8" BALSA RIBS
1/8" PIANO WIRE AILERON HORN
1/16" PLY ROOT TEMPLATE
1/16" PLY TIP TEMPLATE
ALL STAB RIBS ARE CUT FROM 1/16" BALSA
1/16" PLY
1/8" HARDWOOD DOWEL
1/4" SHEET BALSA LEADING EDGE
BALSA TIP BLOCK
1/8" BALSA SPAR
BALSA BLOCK
IMPORTANT NO GAP HERE
1/4" SHEET BALSA TRAILING EDGE
HINGE LINE
NOTE: USE ONE NYLON CONTROL HORN ON EACH ELEVATOR
3/8" MED. HARD SHEET BALSA ELEVATORS
3/8"
1/4" SHEET BALSA
STAB ASSEMBLY DETAIL
1/16" BALSA SHIM
STAB SPAR
1/8" BALSA
BEVEL
B-2 1/8" BALSA
CUTOUT TO SUIT FUEL TANK
COCKPIT FLOOR
BULKHEAD OUTLINE
B-4 1/8" BALSA
1/16" PLY DOUBLER
B-5 1/8" BALSA
BALSA GRAIN
FIN
3/8" TOP SHEET
1/16" BALSA DOUBLER
1/16" PLY
1/8" BALSA FUSELAGE SIDES
B-3 1/8" PLY
1/4" DIA HOLES FOR WING DOWELS
ADJUST HEIGHT OF UPPER MOUNT TO FIT YOUR ENGINE
ENGINE MOUNT CUTOUTS
B-1 1/4" PLY
CUTOUT TO SUIT FUEL TANK
BEVEL
NOSE RING 1/16" PLY
BALSA BULKHEAD
B-6
LAMINATE 1/8" BALSA (CROSS GRAIN) & 1/32" PLY
B-7 1/8" BALSA
B-8 1/8" BALSA
B-9 1/8" BALSA
B-10 1/8" BALSA
WEBRA .61 R/C BLACKHEAD
USE 11-7-1/2 OR 11-8 POWER PROP
1/16" PLY DOUBLER
FILL WITH 3/8" SHEET BALSA
ROCKET CITY STEERING ARM
NO SIDE THRUST
3/8" HARDWOOD MOUNTS
HARDWOOD MOUNTS END HERE
BALSA BLOCK
USE 1" LONG SHEET METAL SCREWS
3/8" BALSA TOP BLOCK
1/4" SQ. BOTTOM LONGERON
1/8" BALSA SIDES
BALSA FILLET
1-3/8" (35mm)
FUEL PROOF FORWARD INTERIOR OF FUSELAGE WITH THINNED EPOXY
CANOPY MOLDING DETAILS
PLASTIC MATERIAL
3/4" OR 1" SQ. HARDWOOD
CANOPY MADE FROM 0.5 millimeters BUTYRATE OR SIMILAR PLASTIC MATERIAL
THUMB TACKS
SOLID CANOPY MOLD (BALSA, PINE, ETC.)
4-1/4"
4"
3"
BLOCK UP
0.5mm BUTYRATE (CANOPY)
1/8" BALSA SIDE
MAIN LANDING GEAR
5/32" PIANO WIRE
FILLET DETAIL A-A
CROSS SECTION
FIN & RUDDER 3/8" MED HARD BALSA
FIN INSET INTO TOP BLOCK
INDICATES HINGE LOCATION
1/8" SHEET BALSA
1/8" BALSA UPPER FUSELAGE SIDES
1/32" PLY
1/8" BALSA
SPLICE
BALSA BLOCK
3/8" BALSA TRIANGLE STOCK
1/8" BALSA COCKPIT FLOOR (CROSS GRAIN)
DENOTES 1/16" PLY DOUBLER OUTLINE
1/8" BALSA LOWER FUSELAGE SIDES
3/8" HARDWOOD BLOCK DRILLED & TAPPED
LONG CONTROL HORNS
BALSA FILLET OUTLINE
DENOTES 1/16" BALSA DOUBLER OUTLINE. CUTOUT FOR HARDWOOD TAIL BLOCK. (GRAIN VERTICAL)
14 OZ. FUEL TANK (KAVAN)
1/4" WING DOWELS
1/16" MICARTA OR NYLON BR'G SCREW IN PLACE
0° INCIDENCE
C.G.
2° DOWN THRUST
2-1/4" SPINNER
1/16" PLY NOSE RING
3/8" SHEET BALSA
1/8" PLY INSERT
1" X 4" BALSA BLOCK
1/16" PLY
BALSA BLOCK
1/8" PLY INSERT
BALSA BLOCK
WING HOLD DOWN BOLT POSITION. INSIDE CAN BE HARDWOOD BLOCK DRILLED & TAPPED 1/4-20 OR USE ONE OF THE AVAILABLE UNITS. (KAVAN, DUBRO, I.M., ETC.)
1/4" SQ. BALSA LONGERON
1/8" SHEET BALSA BOTTOM (CROSS GRAIN)
1/8" WOOD DOWELS
8-32 SCREW
1/8" PLY INSERT
9/32" (7mm)
NYLON BLOCK OR WASHER SOLDERED TO NOSE GEAR STRUT
5/32" NOSE GEAR STRUT
5/32" WIRE GEAR
2-1/4" DUBRO NOSE WHEEL
2-1/2" DUBRO MAIN WHEELS
1" BALSA
BOTTOM FUSELAGE SIDE
SHIM 1/16"
FUSELAGE ASSEMBLY DETAIL
PLY DOUBLER
3/4"
WEIGHT
BALSA FUSELAGE SIDE
15"
NOTE: MAKE ONE RIGHT & ONE LEFT SIDE.
FUSELAGE SIDES DETAIL
1/8" WIRE HORN
1/4" (6mm)
5/32" (4mm)
1/16" BALSA SHEETING
HINGE POINT
TYPICAL AILERON RIB OUTLINE
AILERON DETAIL
1/16" BALSA WING SHEETING
1/8" BALSA
1/8" PLY
3/8" BALSA L.E.
1/8" BALSA SUB L.E.
L.G. MOUNT
WOOD SCREWS
WING CONSTRUCTION DETAIL
SPECIFICATIONS ÷
WING SPAN — 57" — 145 cm
WING AREA — 610 SQ. IN. — 40 dm²
LENGTH — 56-1/4" — 143 cm
WEIGHT — 7-1/4 LBS. — 3250 gram
MAX. ALLOWED WEIGHT — 8-1/8 LBS. — 3700 gram
ENGINE DISP — .61 CU. IN.
MISS NORWAY MK. II
DESIGNED & DRAWN BY
ERNST TOTLAND
INKED BY
DICK KIDD
0 1 2 3 4 5 6