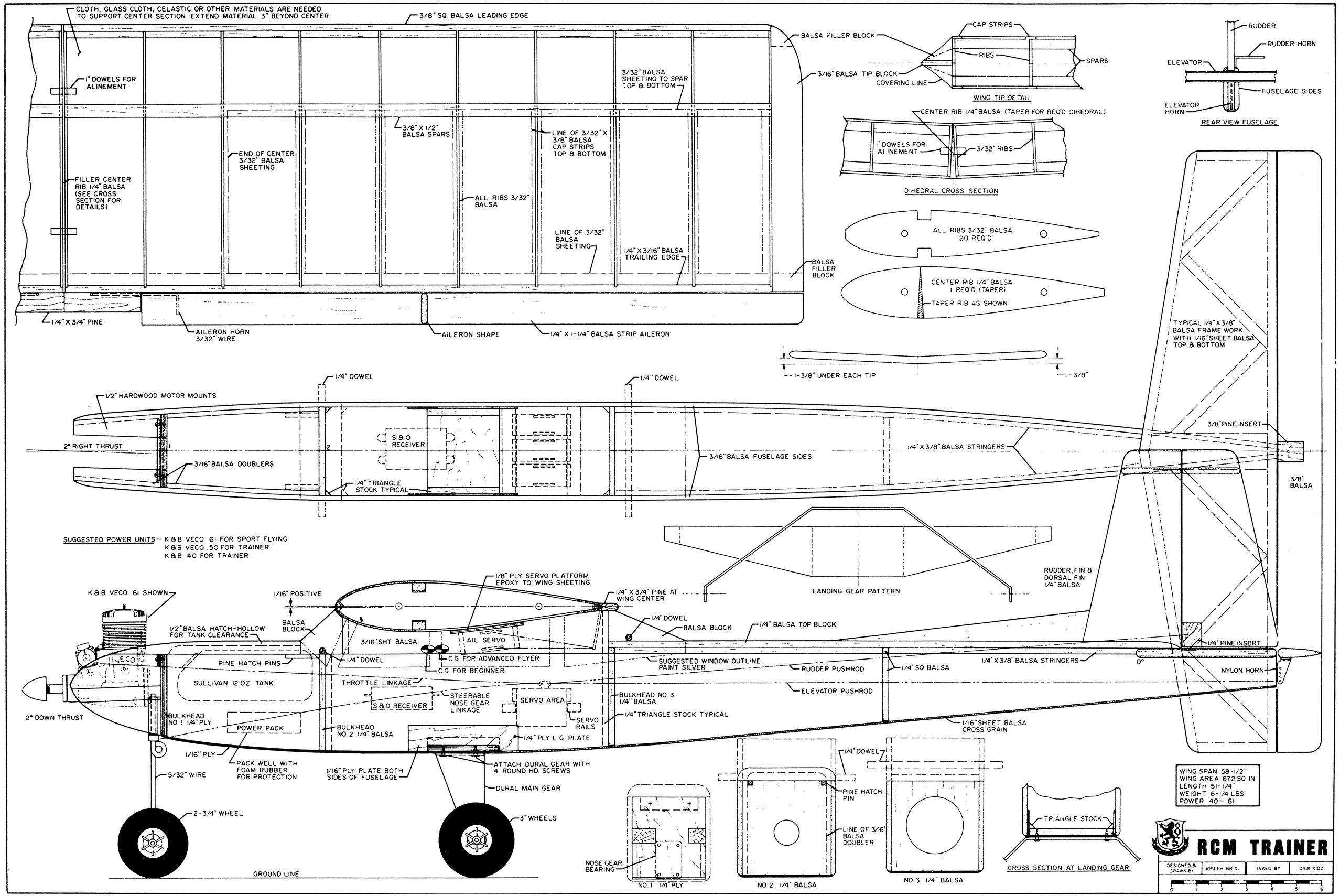
CLOTH, GLASS CLOTH, CELASTIC OR OTHER MATERIALS ARE NEEDED TO SUPPORT CENTER SECTION EXTEND MATERIAL 3" BEYOND CENTER
3/8" SQ. BALSA LEADING EDGE
1" DOWELS FOR ALINEMENT
FILLER CENTER RIB 1/4" BALSA (SEE CROSS SECTION FOR DETAILS)
END OF CENTER 3/32" BALSA SHEETING
3/8" X 1/2" BALSA SPARS
ALL RIBS 3/32" BALSA
3/32" BALSA SHEETING TO SPAR TOP & BOTTOM
LINE OF 3/32" X 3/8" BALSA CAP STRIPS TOP & BOTTOM
LINE OF 3/32" BALSA SHEETING
1/4" X 3/16" BALSA TRAILING EDGE
BALSA FILLER BLOCK
3/16" BALSA TIP BLOCK
BALSA FILLER BLOCK
1/4" X 3/4" PINE
AILERON HORN 3/32" WIRE
AILERON SHAPE
1/4" X 1-1/4" BALSA STRIP AILERON
CAP STRIPS
RIBS
SPARS
COVERING LINE
WING TIP DETAIL
CENTER RIB 1/4" BALSA (TAPER FOR REQ'D DIHEDRAL)
1" DOWELS FOR ALINEMENT
3/32" RIBS
DIHEDRAL CROSS SECTION
ALL RIBS 3/32" BALSA 20 REQ'D
CENTER RIB 1/4" BALSA 1 REQ'D (TAPER)
TAPER RIB AS SHOWN
RUDDER
RUDDER HORN
ELEVATOR
FUSELAGE SIDES
ELEVATOR HORN
REAR VIEW FUSELAGE
1-3/8" UNDER EACH TIP
1-3/8"
TYPICAL 1/4" X 3/8" BALSA FRAME WORK WITH 1/16" SHEET BALSA TOP & BOTTOM
1/4" DOWEL
1/4" DOWEL
1/2" HARDWOOD MOTOR MOUNTS
2° RIGHT THRUST
3/16" BALSA DOUBLERS
S & O RECEIVER
1/4" TRIANGLE STOCK TYPICAL
3/16" BALSA FUSELAGE SIDES
1/4" X 3/8" BALSA STRINGERS
3/8" PINE INSERT
3/8" BALSA
SUGGESTED POWER UNITS — K & B VECO 61 FOR SPORT FLYING
K & B VECO .50 FOR TRAINER
K & B 40 FOR TRAINER
LANDING GEAR PATTERN
RUDDER, FIN & DORSAL FIN 1/4" BALSA
K & B VECO 61 SHOWN
1/16" POSITIVE
BALSA BLOCK
1/8" PLY SERVO PLATFORM EPOXY TO WING SHEETING
1/4" X 3/4" PINE AT WING CENTER
1/4" DOWEL
BALSA BLOCK
1/4" BALSA TOP BLOCK
1/2" BALSA HATCH-HOLLOW FOR TANK CLEARANCE
3/16" SHT BALSA
AIL SERVO
PINE HATCH PINS
1/4" DOWEL
C.G FOR ADVANCED FLYER
C.G FOR BEGINNER
SUGGESTED WINDOW OUTLINE PAINT SILVER
RUDDER PUSHROD
1/4" SQ BALSA
1/4" X 3/8" BALSA STRINGERS
1/4" PINE INSERT
NYLON HORN
SULLIVAN 12 OZ TANK
THROTTLE LINKAGE
S & O RECEIVER
STEERABLE NOSE GEAR LINKAGE
SERVO AREA
SERVO RAILS
BULKHEAD NO 3 1/4" BALSA
ELEVATOR PUSHROD
1/4" TRIANGLE STOCK TYPICAL
2° DOWN THRUST
BULKHEAD NO 1 1/4" PLY
POWER PACK
BULKHEAD NO 2 1/4" BALSA
1/4" PLY L G PLATE
1/16" SHEET BALSA CROSS GRAIN
1/16" PLY
PACK WELL WITH FOAM RUBBER FOR PROTECTION
1/16" PLY PLATE BOTH SIDES OF FUSELAGE
ATTACH DURAL GEAR WITH 4 ROUND HD. SCREWS
DURAL MAIN GEAR
5/32" WIRE
2-3/4" WHEEL
3" WHEELS
GROUND LINE
NOSE GEAR BEARING
NO. 1 1/4" PLY
1/4" DOWEL
PINE HATCH PIN
LINE OF 3/16" BALSA DOUBLER
NO 2 1/4" BALSA
NO 3 1/4" BALSA
TRIANGLE STOCK
CROSS SECTION AT LANDING GEAR
WING SPAN 58-1/2"
WING AREA 672 SQ IN
LENGTH 51-1/4"
WEIGHT 6-1/4 LBS
POWER 40 – 61
RCM TRAINER
DESIGNED & DRAWN BY JOSEPH BRID.
INKED BY DICK KIDD
0 1 2 3 4 5 6