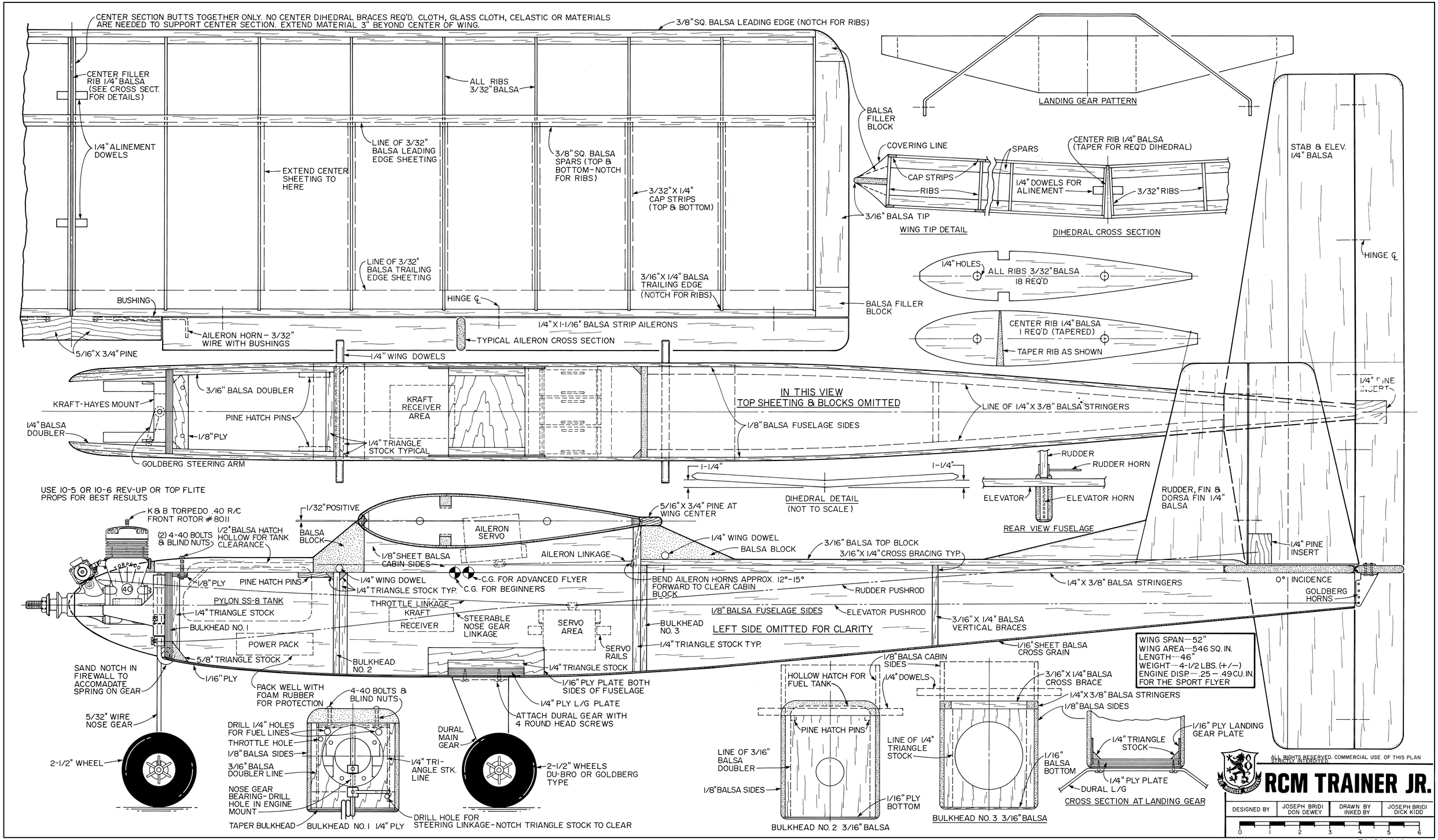
CENTER SECTION BUTTS TOGETHER ONLY. NO CENTER DIHEDRAL BRACES REQ'D. CLOTH, GLASS CLOTH, CELASTIC OR MATERIALS ARE NEEDED TO SUPPORT CENTER SECTION. EXTEND MATERIAL 3" BEYOND CENTER OF WING.
3/8" SQ. BALSA LEADING EDGE (NOTCH FOR RIBS)
CENTER FILLER RIB 1/4" BALSA (SEE CROSS SECT. FOR DETAILS)
ALL RIBS 3/32" BALSA
1/4" ALINEMENT DOWELS
EXTEND CENTER SHEETING TO HERE
LINE OF 3/32" BALSA LEADING EDGE SHEETING
3/8" SQ. BALSA SPARS (TOP & BOTTOM-NOTCH FOR RIBS)
3/32" X 1/4" CAP STRIPS (TOP & BOTTOM)
LINE OF 3/32" BALSA TRAILING EDGE SHEETING
3/16" X 1/4" BALSA TRAILING EDGE (NOTCH FOR RIBS)
BUSHING
HINGE ℄
BALSA FILLER BLOCK
AILERON HORN - 3/32" WIRE WITH BUSHINGS
1/4" X 1-1/16" BALSA STRIP AILERONS
TYPICAL AILERON CROSS SECTION
5/16" X 3/4" PINE
1/4" WING DOWELS
LANDING GEAR PATTERN
BALSA FILLER BLOCK
COVERING LINE
SPARS
CENTER RIB 1/4" BALSA (TAPER FOR REQ'D DIHEDRAL)
CAP STRIPS
RIBS
1/4" DOWELS FOR ALINEMENT
3/32" RIBS
3/16" BALSA TIP
WING TIP DETAIL
DIHEDRAL CROSS SECTION
1/4" HOLES
ALL RIBS 3/32" BALSA 18 REQ'D
CENTER RIB 1/4" BALSA 1 REQ'D (TAPERED)
TAPER RIB AS SHOWN
STAB & ELEV. 1/4" BALSA
HINGE ℄
1/4" PINE INSERT
3/16" BALSA DOUBLER
KRAFT-HAYES MOUNT
PINE HATCH PINS
KRAFT RECEIVER AREA
IN THIS VIEW TOP SHEETING & BLOCKS OMITTED
LINE OF 1/4" X 3/8" BALSA STRINGERS
1/4" BALSA DOUBLER
1/8" PLY
1/4" TRIANGLE STOCK TYPICAL
1/8" BALSA FUSELAGE SIDES
GOLDBERG STEERING ARM
1-1/4"
1-1/4"
DIHEDRAL DETAIL (NOT TO SCALE)
RUDDER
RUDDER HORN
ELEVATOR
ELEVATOR HORN
REAR VIEW FUSELAGE
RUDDER, FIN & DORSA FIN 1/4" BALSA
USE 10-5 OR 10-6 REV-UP OR TOP FLITE PROPS FOR BEST RESULTS
K & B TORPEDO .40 R/C FRONT ROTOR # 8011
1/32" POSITIVE
5/16" X 3/4" PINE AT WING CENTER
(2) 4-40 BOLTS & BLIND NUTS
1/2" BALSA HATCH HOLLOW FOR TANK CLEARANCE
BALSA BLOCK
AILERON SERVO
1/4" WING DOWEL
BALSA BLOCK
3/16" BALSA TOP BLOCK
3/16" X 1/4" CROSS BRACING TYP.
1/8" SHEET BALSA CABIN SIDES
AILERON LINKAGE
1/4" PINE INSERT
1/8" PLY
PINE HATCH PINS
1/4" WING DOWEL
1/4" TRIANGLE STOCK TYP.
C.G. FOR ADVANCED FLYER
C.G. FOR BEGINNERS
BEND AILERON HORNS APPROX. 12°-15° FORWARD TO CLEAR CABIN BLOCK
RUDDER PUSHROD
1/4" X 3/8" BALSA STRINGERS
0° INCIDENCE
GOLDBERG HORNS
PYLON SS-8 TANK
1/4" TRIANGLE STOCK
THROTTLE LINKAGE
KRAFT RECEIVER
STEERABLE NOSE GEAR LINKAGE
SERVO AREA
1/8" BALSA FUSELAGE SIDES
ELEVATOR PUSHROD
BULKHEAD NO. 1
BULKHEAD NO. 3
LEFT SIDE OMITTED FOR CLARITY
3/16" X 1/4" BALSA VERTICAL BRACES
POWER PACK
SERVO RAILS
1/4" TRIANGLE STOCK TYP.
1/16" SHEET BALSA CROSS GRAIN
5/8" TRIANGLE STOCK
BULKHEAD NO. 2
1/4" TRIANGLE STOCK
SAND NOTCH IN FIREWALL TO ACCOMADATE SPRING ON GEAR
1/16" PLY
PACK WELL WITH FOAM RUBBER FOR PROTECTION
1/16" PLY PLATE BOTH SIDES OF FUSELAGE
1/4" PLY L/G PLATE
ATTACH DURAL GEAR WITH 4 ROUND HEAD SCREWS
5/32" WIRE NOSE GEAR
4-40 BOLTS & BLIND NUTS
DRILL 1/4" HOLES FOR FUEL LINES
THROTTLE HOLE
1/8" BALSA SIDES
3/16" BALSA DOUBLER LINE
NOSE GEAR BEARING-DRILL HOLE IN ENGINE MOUNT
TAPER BULKHEAD
BULKHEAD NO. 1 1/4" PLY
1/4" TRI-ANGLE STK. LINE
DURAL MAIN GEAR
2-1/2" WHEELS DU-BRO OR GOLDBERG TYPE
DRILL HOLE FOR STEERING LINKAGE-NOTCH TRIANGLE STOCK TO CLEAR
2-1/2" WHEEL
HOLLOW HATCH FOR FUEL TANK
PINE HATCH PINS
LINE OF 3/16" BALSA DOUBLER
1/8" BALSA SIDES
1/16" PLY BOTTOM
BULKHEAD NO. 2 3/16" BALSA
1/8" BALSA CABIN SIDES
1/4" DOWELS
3/16" X 1/4" BALSA CROSS BRACE
1/4" X 3/8" BALSA STRINGERS
1/8" BALSA SIDES
LINE OF 1/4" TRIANGLE STOCK
1/16" BALSA BOTTOM
BULKHEAD NO. 3 3/16" BALSA
1/4" TRIANGLE STOCK
1/16" PLY LANDING GEAR PLATE
1/4" PLY PLATE
DURAL L/G
CROSS SECTION AT LANDING GEAR
WING SPAN ···· 52"
WING AREA ···· 546 SQ. IN.
LENGTH ···· 46"
WEIGHT ···· 4-1/2 LBS. (+/-)
ENGINE DISP. ···· .25 - .49 CU. IN.
FOR THE SPORT FLYER
ALL RIGHTS RESERVED. COMMERCIAL USE OF THIS PLAN STRICTLY INTERDITED.
RCM TRAINER JR.
DESIGNED BY JOSEPH BRIDI DON DEWEY
DRAWN BY JOSEPH BRIDI INKED BY DICK KIDD
0 1 2 3 4 5 6
PLAN NO. 560