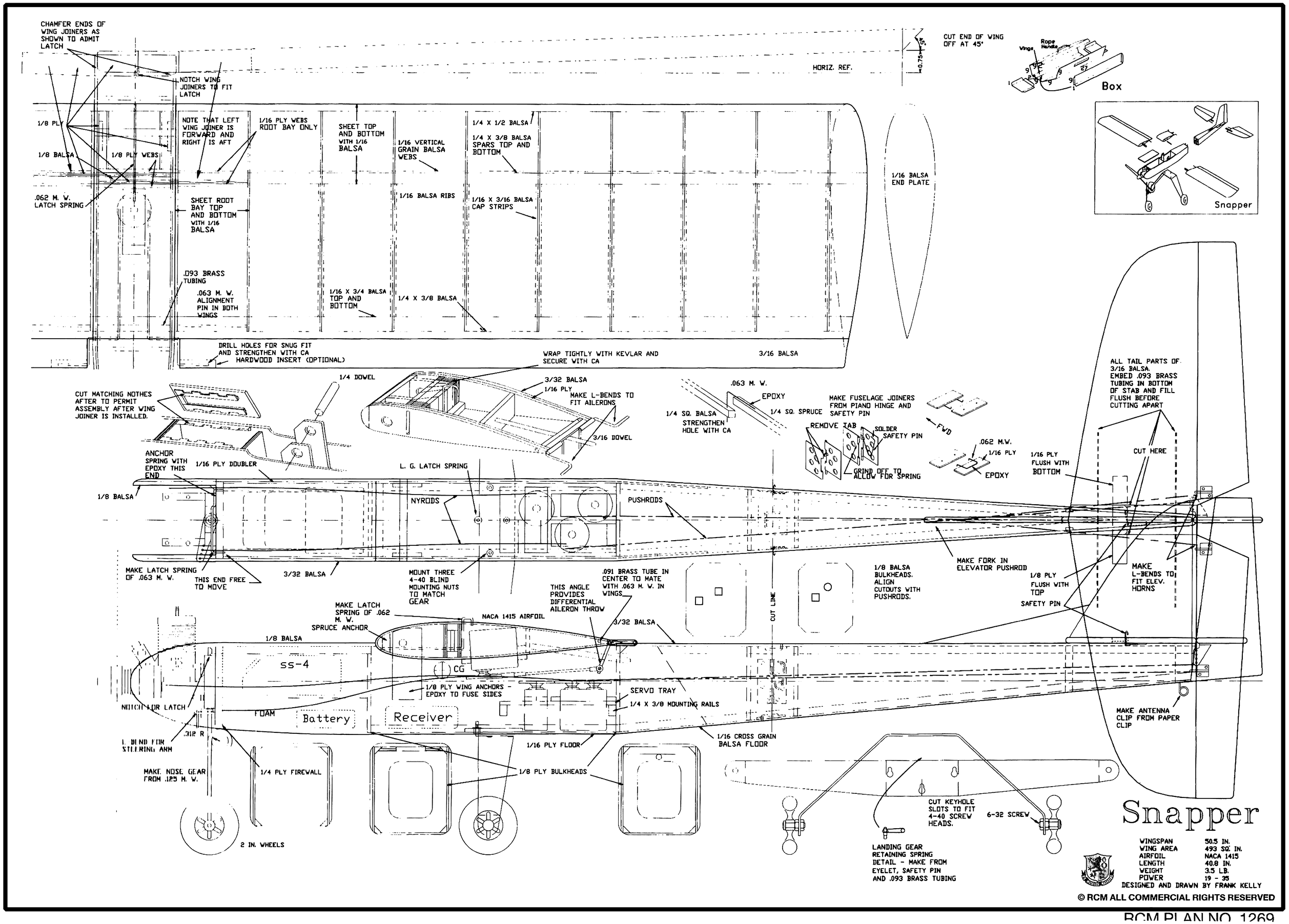
CHAMFER ENDS OF WING JOINERS AS SHOWN TO ADMIT LATCH
NOTCH WING JOINERS TO FIT LATCH
HORIZ. REF.
CUT END OF WING OFF AT 45°
Box
Snapper
1/8 PLY
1/8 BALSA
1/8 PLY WEBS
NOTE THAT LEFT WING JOINER IS FORWARD AND RIGHT IS AFT
1/16 PLY WEBS ROOT BAY ONLY
SHEET TOP AND BOTTOM WITH 1/16 BALSA
1/16 VERTICAL GRAIN BALSA WEBS
1/4 X 1/2 BALSA
1/4 X 3/8 BALSA SPARS TOP AND BOTTOM
1/16 BALSA END PLATE
.062 M. W. LATCH SPRING
SHEET ROOT BAY TOP AND BOTTOM WITH 1/16 BALSA
1/16 BALSA RIBS
1/16 X 3/16 BALSA CAP STRIPS
.093 BRASS TUBING
.063 M. W. ALIGNMENT PIN IN BOTH WINGS
1/16 X 3/4 BALSA TOP AND BOTTOM
1/4 X 3/8 BALSA
DRILL HOLES FOR SNUG FIT AND STRENGTHEN WITH CA HARDWOOD INSERT (OPTIONAL)
WRAP TIGHTLY WITH KEVLAR AND SECURE WITH CA
3/16 BALSA
ALL TAIL PARTS OF 3/16 BALSA. EMBED .093 BRASS TUBING IN BOTTOM OF STAB AND FILL FLUSH BEFORE CUTTING APART
CUT MATCHING NOTHES AFTER TO PERMIT ASSEMBLY AFTER WING JOINER IS INSTALLED.
1/4 DOWEL
3/32 BALSA
1/16 PLY
MAKE L-BENDS TO FIT AILERONS
3/16 DOWEL
.063 M. W.
EPOXY
1/4 SQ. BALSA STRENGTHEN HOLE WITH CA
1/4 SQ. SPRUCE
MAKE FUSELAGE JOINERS FROM PIANO HINGE AND SAFETY PIN
REMOVE TAB
SOLDER SAFETY PIN
GRIND OFF TO ALLOW FOR SPRING
FWD
.062 M.W.
1/16 PLY
EPOXY
1/16 PLY FLUSH WITH BOTTOM
CUT HERE
ANCHOR SPRING WITH EPOXY THIS END
1/16 PLY DOUBLER
L. G. LATCH SPRING
1/8 BALSA
NYRODS
PUSHRODS
MAKE LATCH SPRING OF .063 M. W.
THIS END FREE TO MOVE
3/32 BALSA
MOUNT THREE 4-40 BLIND MOUNTING NUTS TO MATCH GEAR
.091 BRASS TUBE IN CENTER TO MATE WITH .063 M. W. IN WINGS
THIS ANGLE PROVIDES DIFFERENTIAL AILERON THROW
1/8 BALSA BULKHEADS. ALIGN CUTOUTS WITH PUSHRODS.
MAKE FORK IN ELEVATOR PUSHROD
1/8 PLY FLUSH WITH TOP
MAKE L-BENDS TO FIT ELEV. HORNS
SAFETY PIN
CUT LINE
MAKE LATCH SPRING OF .062 M. W.
NACA 1415 AIRFOIL
SPRUCE ANCHOR
3/32 BALSA
1/8 BALSA
SS-4
CG
1/8 PLY WING ANCHORS - EPOXY TO FUSE SIDES
SERVO TRAY
1/4 X 3/8 MOUNTING RAILS
NOTCH FOR LATCH
FOAM
Battery
Receiver
.312 R
L BEND FOR STEERING ARM
1/16 PLY FLOOR
1/16 CROSS GRAIN BALSA FLOOR
MAKE ANTENNA CLIP FROM PAPER CLIP
MAKE NOSE GEAR FROM .125 M. W.
1/4 PLY FIREWALL
1/8 PLY BULKHEADS
CUT KEYHOLE SLOTS TO FIT 4-40 SCREW HEADS.
6-32 SCREW
2 IN. WHEELS
LANDING GEAR RETAINING SPRING DETAIL - MAKE FROM EYELET, SAFETY PIN AND .093 BRASS TUBING
Snapper
WINGSPAN 50.5 IN.
WING AREA 493 SQ. IN.
AIRFOIL NACA 1415
LENGTH 40.8 IN.
WEIGHT 3.5 LB.
POWER 19 - 35
DESIGNED AND DRAWN BY FRANK KELLY
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