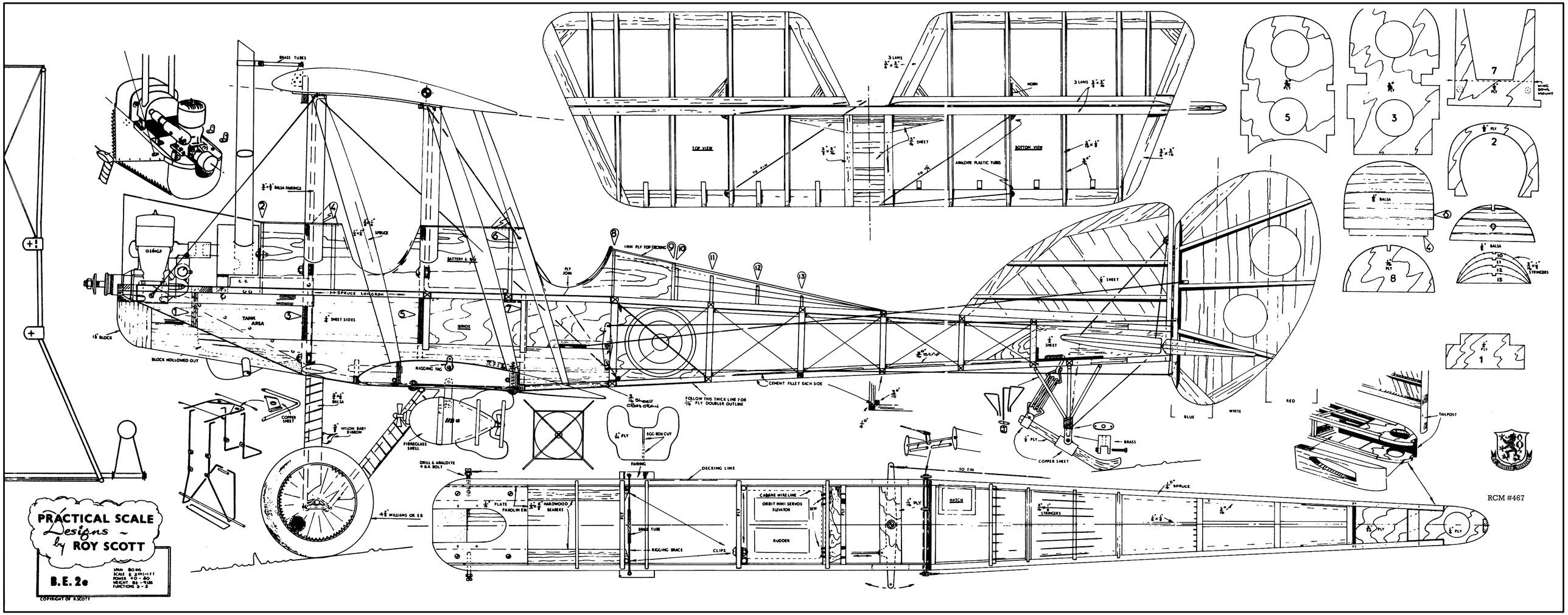
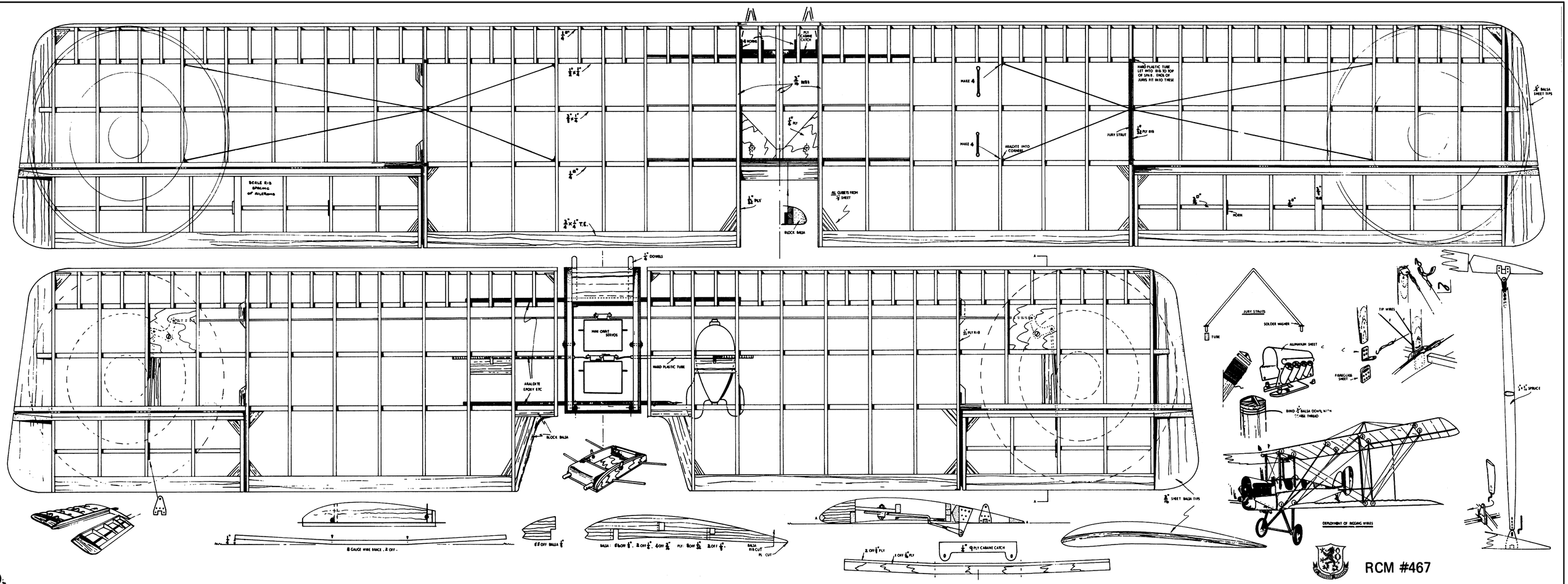

PRACTICAL SCALE
Designs ~
by ROY SCOTT
B.E. 2e
MAIN BOMS
SCALE 8 2INS=1FT
POWER 40 - 60
WEIGHT 8lb - 9LBS
FUNCTIONS 3 - 5
COPYRIGHT OF R.SCOTT
BRASS TUBES
BALSA FAIRINGS
SPRUCE
O.S.ENGS
SPRUCE LONGRON
TANK AREA
SHEET SIDES
BLOCK HOLLOWED OUT
BATTERY & RX
SERVOS
RIGGING TAG
PLY JOIN
1MM PLY TOP DECKING
TOP VIEW
BOTTOM VIEW
3 LAMS
HORN
SHEET
ARALDITE PLASTIC TUBES
SHEET
CEMENT FILLET EACH SIDE
FOLLOW THIS THICK LINE FOR PLY DOUBLER OUTLINE
EGG BOX CUT
FAIRING
DECKING LINE
COPPER SHEET
NYLON BABY RIBBON
FIBREGLASS SHELL
DRILL & ARALDITE 4 BA BOLT
4 WILLIAMS OR EB
PLATE PANEL IN EB
HARDWOOD BEARERS
BRASS TUBE
RIGGING BRACE
CLIPS
CABANE WIRE LINE
ORBIT MINI SERVOS
ELEVATOR
RUDDER
TO FIN
HATCH
STRINGERS
SPRUCE
BRASS
COPPER SHEET
BLUE
WHITE
RED
TAILPOST
RCM #467


SCALE RIB SPACING OF AILERONS
1/4" PLY
3/4" x 1/4" T.E.
1/4" x 1/4"
3/8" x 1/4"
1/4" x 1/4"
1/4" HORN
PLY CABANE CATCH
3/8" RIBS
1/8" PLY
BLOCK BALSA
ALL GUSSETS FROM 1/8" SHEET
MAKE 4
MAKE 4
ARALDITE INTO CORNERS
HARD PLASTIC TUBE LET INTO RIB 30 TOP OF SPAR - ENDS OF JURIS FIT INTO THESE
JURY STRUT
1/8" PLY RIB
1/8" BALSA SHEET TIPS
HORN
1/4" DOWELS
MINI ORBIT SERVOS
HARD PLASTIC TUBE
ARALDITE EPOXY ETC
BLOCK BALSA
1/8" PLY RIB
1/8" SHEET BALSA TIPS
JURY STRUTS
SOLDER WASHER
TUBE
ALUMINIUM SHEET
FIBRGLASS SHEET
TIP WIRES
BIND 1/8" BALSA DOWN WITH FINE THREAD
DEPLOYMENT OF RIGGING WIRES
1/4" x 1/4" SPRUCE
8 GAUGE WIRE BRACE - 2 OFF -
1/8" OFF BALSA 1/8"
BALSA: 8 OFF 1/8". 2 OFF 1/4". 4 OFF 3/8"
PLY: 8 OFF 1/8" 2 OFF 1/4".
BALSA RIB CUT
PL CUT
2 OFF 1/8" PLY
1 OFF 1/8" PLY
1/4" PLY CABANE CATCH
RCM #467

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