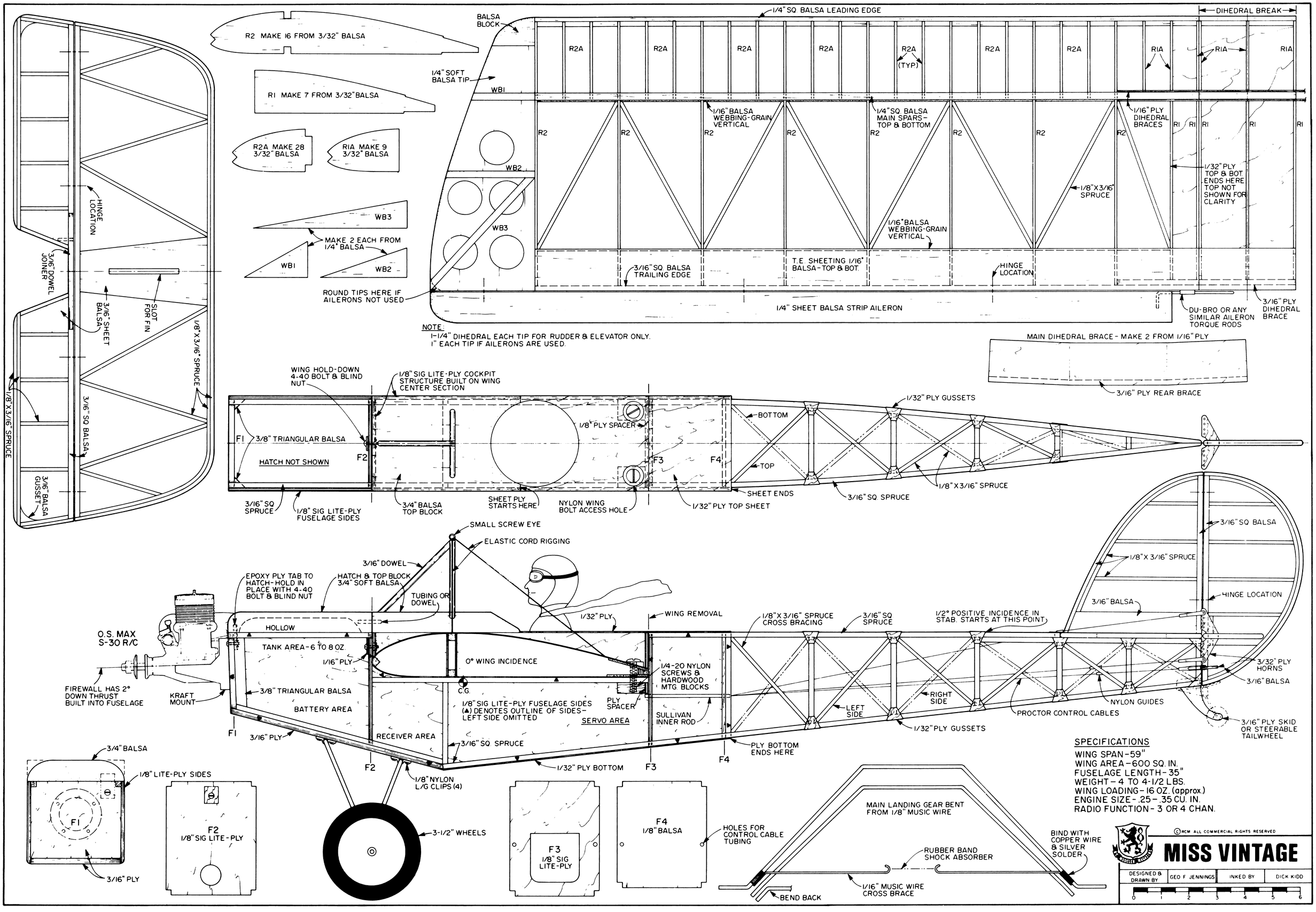
R2 MAKE 16 FROM 3/32" BALSA
R1 MAKE 7 FROM 3/32" BALSA
R2A MAKE 28 3/32" BALSA
R1A MAKE 9 3/32" BALSA
WB3
MAKE 2 EACH FROM 1/4" BALSA
WB1
WB2
ROUND TIPS HERE IF AILERONS NOT USED
BALSA BLOCK
1/4" SOFT BALSA TIP
1/4" SQ. BALSA LEADING EDGE
DIHEDRAL BREAK
R2A (TYP)
1/16" BALSA WEBBING-GRAIN VERTICAL
1/4" SQ. BALSA MAIN SPARS-TOP & BOTTOM
1/16" PLY DIHEDRAL BRACES
1/32" PLY TOP & BOT. ENDS HERE TOP NOT SHOWN FOR CLARITY
1/8" X 3/16" SPRUCE
1/16" BALSA WEBBING-GRAIN VERTICAL
3/16" SQ. BALSA TRAILING EDGE
T.E. SHEETING 1/16" BALSA-TOP & BOT.
HINGE LOCATION
1/4" SHEET BALSA STRIP AILERON
DU-BRO OR ANY SIMILAR AILERON TORQUE RODS
3/16" PLY DIHEDRAL BRACE
NOTE:
1-1/4" DIHEDRAL EACH TIP FOR RUDDER & ELEVATOR ONLY.
1" EACH TIP IF AILERONS ARE USED.
MAIN DIHEDRAL BRACE - MAKE 2 FROM 1/16" PLY
3/16" PLY REAR BRACE
HINGE LOCATION
3/16" DOWEL JOINER
3/16" SHEET BALSA
SLOT FOR FIN
1/8" X 3/16" SPRUCE
3/16" SQ BALSA
3/16" BALSA GUSSET
WING HOLD-DOWN 4-40 BOLT & BLIND NUT
1/8" SIG LITE-PLY COCKPIT STRUCTURE BUILT ON WING CENTER SECTION
F1
3/8" TRIANGULAR BALSA
HATCH NOT SHOWN
F2
F3
F4
1/8" PLY SPACER
BOTTOM
TOP
1/32" PLY GUSSETS
1/8" X 3/16" SPRUCE
3/16" SQ SPRUCE
1/8" SIG LITE-PLY FUSELAGE SIDES
3/4" BALSA TOP BLOCK
SHEET PLY STARTS HERE
NYLON WING BOLT ACCESS HOLE
1/32" PLY TOP SHEET
SHEET ENDS
3/16" SQ. SPRUCE
SMALL SCREW EYE
ELASTIC CORD RIGGING
3/16" DOWEL
EPOXY PLY TAB TO HATCH-HOLD IN PLACE WITH 4-40 BOLT & BLIND NUT
HATCH & TOP BLOCK 3/4" SOFT BALSA
TUBING OR DOWEL
1/32" PLY
WING REMOVAL
1/8" X 3/16" SPRUCE CROSS BRACING
3/16" SQ SPRUCE
1/2° POSITIVE INCIDENCE IN STAB. STARTS AT THIS POINT
3/16" SQ. BALSA
1/8" X 3/16" SPRUCE
HINGE LOCATION
3/16" BALSA
O.S. MAX S-30 R/C
HOLLOW
TANK AREA-6 TO 8 OZ.
1/16" PLY
0° WING INCIDENCE
1/4-20 NYLON SCREWS & HARDWOOD MTG. BLOCKS
3/32" PLY HORNS
3/16" BALSA
FIREWALL HAS 2° DOWN THRUST BUILT INTO FUSELAGE
KRAFT MOUNT
3/8" TRIANGULAR BALSA
BATTERY AREA
C.G.
1/8" SIG LITE-PLY FUSELAGE SIDES (▲) DENOTES OUTLINE OF SIDES-LEFT SIDE OMITTED
PLY SPACER
SERVO AREA
SULLIVAN INNER ROD
LEFT SIDE
RIGHT SIDE
NYLON GUIDES
PROCTOR CONTROL CABLES
1/32" PLY GUSSETS
3/16" PLY SKID OR STEERABLE TAILWHEEL
F1
3/16" PLY
RECEIVER AREA
3/16" SQ. SPRUCE
PLY BOTTOM ENDS HERE
F2
F3
F4
1/32" PLY BOTTOM
1/8" NYLON L/G CLIPS (4)
3/4" BALSA
1/8" LITE-PLY SIDES
F1
3/16" PLY
F2
1/8" SIG LITE-PLY
3-1/2" WHEELS
F3
1/8" SIG LITE-PLY
F4
1/8" BALSA
HOLES FOR CONTROL CABLE TUBING
MAIN LANDING GEAR BENT FROM 1/8" MUSIC WIRE
RUBBER BAND SHOCK ABSORBER
BIND WITH COPPER WIRE & SILVER SOLDER
1/16" MUSIC WIRE CROSS BRACE
BEND BACK
SPECIFICATIONS
WING SPAN-59"
WING AREA-600 SQ. IN.
FUSELAGE LENGTH-35"
WEIGHT-4 TO 4-1/2 LBS.
WING LOADING-16 OZ. (approx.)
ENGINE SIZE-.25-.35 CU. IN.
RADIO FUNCTION-3 OR 4 CHAN.
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INKED BY
DICK KIDD
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