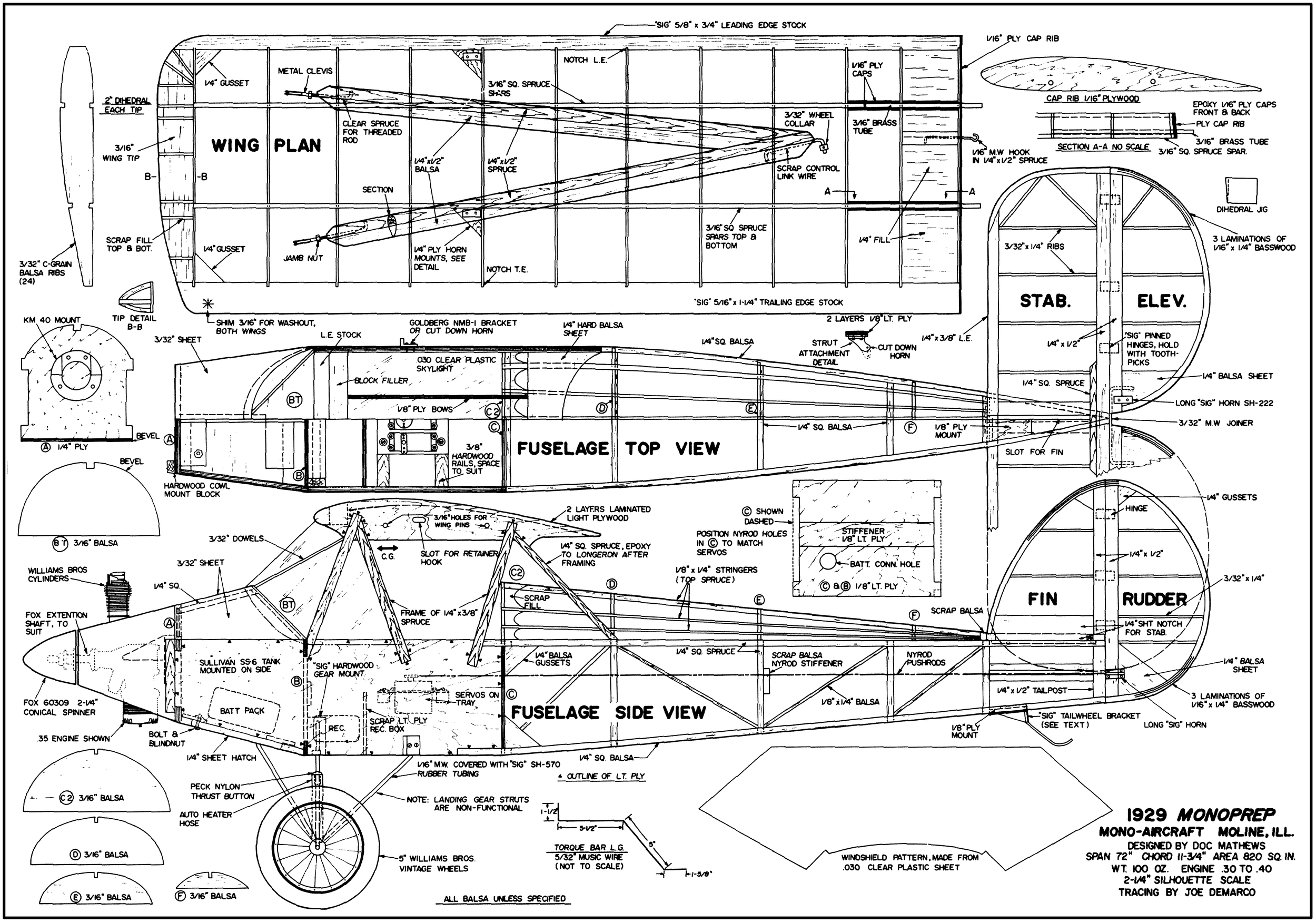
WING PLAN
"SIG" 5/8" x 3/4" LEADING EDGE STOCK
1/16" PLY CAP RIB
1/4" GUSSET
METAL CLEVIS
3/16" SQ. SPRUCE SPARS
NOTCH L.E.
1/16" PLY CAPS
2" DIHEDRAL EACH TIP
CLEAR SPRUCE FOR THREADED ROD
3/32" WHEEL COLLAR
3/16" BRASS TUBE
1/16" M.W HOOK IN 1/4" x 1/2" SPRUCE
3/16" WING TIP
1/4" x 1/2" BALSA
1/4" x 1/2" SPRUCE
SCRAP CONTROL LINK WIRE
SECTION
SCRAP FILL TOP & BOT.
1/4" GUSSET
JAMB NUT
1/4" PLY HORN MOUNTS, SEE DETAIL
NOTCH T.E.
3/16" SQ SPRUCE SPARS TOP & BOTTOM
1/4" FILL
"SIG" 5/16" x 1-1/4" TRAILING EDGE STOCK
3/32" C-GRAIN BALSA RIBS (24)
TIP DETAIL B-B
SHIM 3/16" FOR WASHOUT, BOTH WINGS
CAP RIB 1/16" PLYWOOD
EPOXY 1/16" PLY CAPS FRONT & BACK
PLY CAP RIB
3/16" BRASS TUBE
SECTION A-A NO SCALE
3/16" SQ. SPRUCE SPAR.
DIHEDRAL JIG
3 LAMINATIONS OF 1/16" x 1/4" BASSWOOD
3/32" x 1/4" RIBS
STAB.
ELEV.
1/4" x 1/2"
"SIG" PINNED HINGES, HOLD WITH TOOTH-PICKS
1/4" SQ. SPRUCE
1/4" BALSA SHEET
LONG "SIG" HORN SH-222
3/32" M.W JOINER
SLOT FOR FIN
KM 40 MOUNT
3/32" SHEET
L.E. STOCK
GOLDBERG NMB-1 BRACKET OR CUT DOWN HORN
1/4" HARD BALSA SHEET
1/4" SQ. BALSA
2 LAYERS 1/8" LT. PLY
STRUT ATTACHMENT DETAIL
CUT DOWN HORN
1/4" x 3/8" L.E.
030 CLEAR PLASTIC SKYLIGHT
BLOCK FILLER
1/8" PLY BOWS
1/4" SQ. BALSA
1/8" PLY MOUNT
3/8" HARDWOOD RAILS, SPACE TO SUIT
FUSELAGE TOP VIEW
HARDWOOD COWL MOUNT BLOCK
BEVEL
1/4" PLY
3/16" BALSA
1/4" GUSSETS
HINGE
2 LAYERS LAMINATED LIGHT PLYWOOD
3/16" HOLES FOR WING PINS
C.G.
SLOT FOR RETAINER HOOK
1/4" SQ. SPRUCE, EPOXY TO LONGERON AFTER FRAMING
3/32" DOWELS
3/32" SHEET
WILLIAMS BROS CYLINDERS
1/4" SQ.
FOX EXTENTION SHAFT, TO SUIT
FRAME OF 1/4" x 3/8" SPRUCE
SCRAP FILL
1/8" x 1/4" STRINGERS (TOP SPRUCE)
© SHOWN DASHED
POSITION NYROD HOLES IN © TO MATCH SERVOS
STIFFENER 1/8" LT. PLY
BATT. CONN. HOLE
© & Ⓑ 1/8" LT. PLY
1/4" x 1/2"
3/32" x 1/4"
FIN
RUDDER
SCRAP BALSA
1/4" SHT NOTCH FOR STAB.
SULLIVAN SS-6 TANK MOUNTED ON SIDE
"SIG" HARDWOOD GEAR MOUNT
1/4" BALSA GUSSETS
1/4" SQ. SPRUCE
SCRAP BALSA NYROD STIFFENER
NYROD PUSHRODS
1/4" BALSA SHEET
SERVOS ON TRAY
1/4" x 1/2" TAILPOST
3 LAMINATIONS OF 1/16" x 1/4" BASSWOOD
FOX 60309 2-1/4" CONICAL SPINNER
BATT PACK
1/8" x 1/4" BALSA
FUSELAGE SIDE VIEW
REC.
SCRAP LT. PLY REC. BOX
"SIG" TAILWHEEL BRACKET (SEE TEXT)
LONG "SIG" HORN
.35 ENGINE SHOWN
BOLT & BLINDNUT
1/8" PLY MOUNT
1/4" SHEET HATCH
1/16" M.W. COVERED WITH "SIG" SH-570 RUBBER TUBING
1/4" SQ. BALSA
OUTLINE OF LT. PLY
PECK NYLON THRUST BUTTON
NOTE: LANDING GEAR STRUTS ARE NON-FUNCTIONAL
AUTO HEATER HOSE
3/16" BALSA
1-1/2"
5-1/2"
5"
1-5/8"
TORQUE BAR L.G.
5/32" MUSIC WIRE
(NOT TO SCALE)
5" WILLIAMS BROS. VINTAGE WHEELS
WINDSHIELD PATTERN, MADE FROM .030 CLEAR PLASTIC SHEET
ALL BALSA UNLESS SPECIFIED
1929 MONOPREP
MONO-AIRCRAFT MOLINE, ILL.
DESIGNED BY DOC MATHEWS
SPAN 72" CHORD 11-3/4" AREA 820 SQ. IN.
WT. 100 OZ. ENGINE .30 TO .40
2-1/4" SILHOUETTE SCALE
TRACING BY JOE DEMARCO