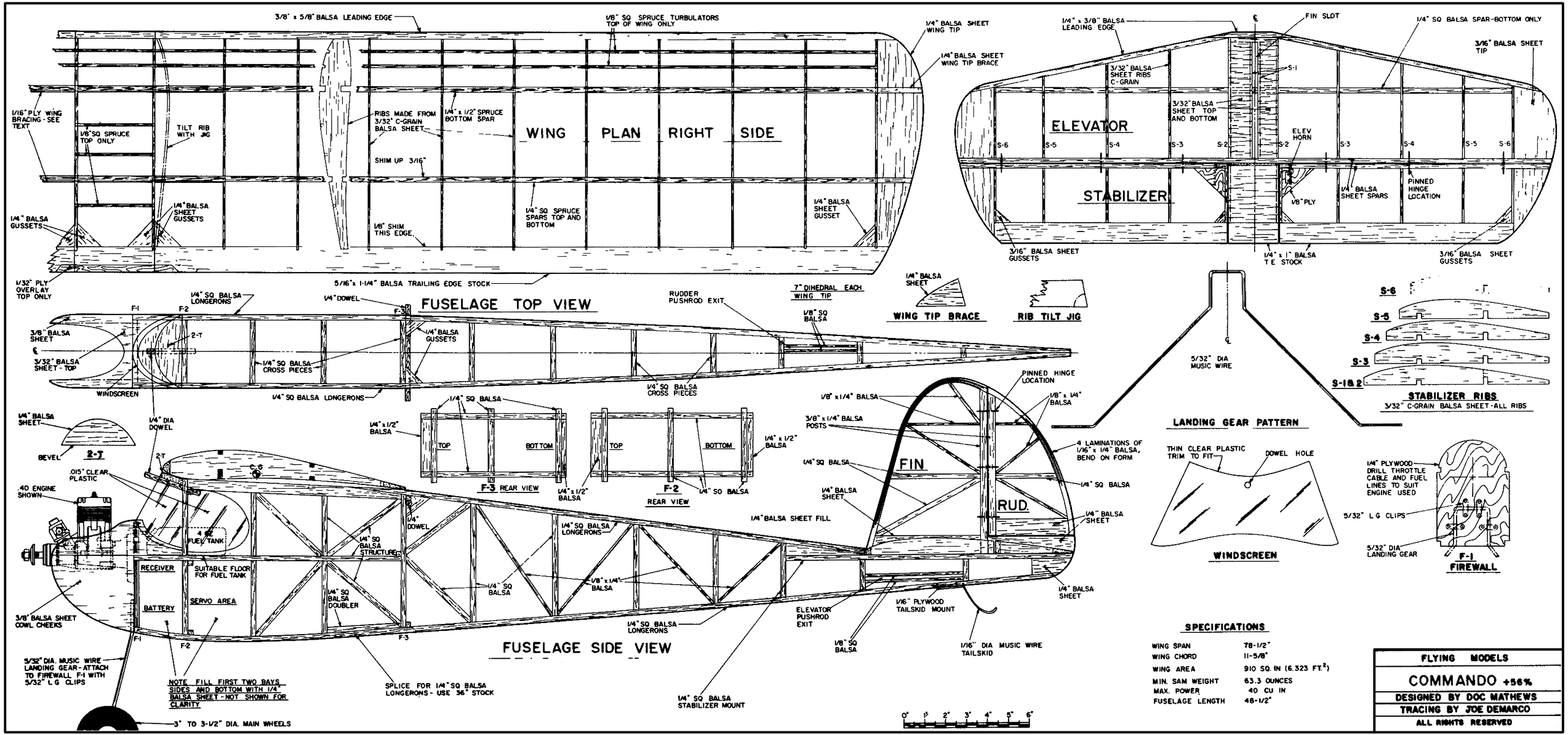
WING PLAN RIGHT SIDE
3/8" x 5/8" BALSA LEADING EDGE
1/8" SQ SPRUCE TURBULATORS TOP OF WING ONLY
1/4" BALSA SHEET WING TIP
1/4" BALSA SHEET WING TIP BRACE
1/16" PLY WING BRACING - SEE TEXT
1/8" SQ SPRUCE TOP ONLY
TILT RIB WITH JIG
RIBS MADE FROM 3/32" C-GRAIN BALSA SHEET
1/4" x 1/2" SPRUCE BOTTOM SPAR
SHIM UP 3/16"
1/4" BALSA GUSSETS
1/4" BALSA SHEET GUSSETS
1/8" SHIM THIS EDGE
1/4" SQ SPRUCE SPARS TOP AND BOTTOM
1/4" BALSA SHEET GUSSET
1/32" PLY OVERLAY TOP ONLY
5/16" x 1-1/4" BALSA TRAILING EDGE STOCK
ELEVATOR STABILIZER
1/4" x 3/8" BALSA LEADING EDGE
FIN SLOT
1/4" SQ BALSA SPAR-BOTTOM ONLY
3/16" BALSA SHEET TIP
3/32" BALSA SHEET RIBS C-GRAIN
3/32" BALSA SHEET TOP AND BOTTOM
ELEV HORN
1/4" BALSA SHEET SPARS
PINNED HINGE LOCATION
1/8" PLY
3/16" BALSA SHEET GUSSETS
1/4" x 1" BALSA T E STOCK
FUSELAGE TOP VIEW
1/4" SQ BALSA LONGERONS
1/4" DOWEL
RUDDER PUSHROD EXIT
7° DIHEDRAL EACH WING TIP
1/8" SQ BALSA
3/8" BALSA SHEET
3/32" BALSA SHEET - TOP
1/4" SQ BALSA CROSS PIECES
1/4" BALSA GUSSETS
WINDSCREEN
1/4" SQ BALSA LONGERONS
1/4" SQ BALSA CROSS PIECES
WING TIP BRACE
RIB TILT JIG
5/32" DIA MUSIC WIRE
LANDING GEAR PATTERN
S-6 S-5 S-4 S-3 S-1 & 2
STABILIZER RIBS
3/32" C-GRAIN BALSA SHEET - ALL RIBS
1/4" BALSA SHEET
BEVEL
2-T
1/4" DIA DOWEL
.015" CLEAR PLASTIC
.40 ENGINE SHOWN
1/4" SQ BALSA
1/4" x 1/2" BALSA
TOP
BOTTOM
F-3 REAR VIEW
F-2 REAR VIEW
1/4" SQ BALSA
1/8" x 1/4" BALSA
3/8" x 1/4" BALSA POSTS
PINNED HINGE LOCATION
4 LAMINATIONS OF 1/16" x 1/4" BALSA, BEND ON FORM
FIN
RUD.
1/4" BALSA SHEET FILL
1/4" BALSA SHEET
THIN CLEAR PLASTIC TRIM TO FIT
DOWEL HOLE
WINDSCREEN
1/4" PLYWOOD DRILL THROTTLE CABLE AND FUEL LINES TO SUIT ENGINE USED
5/32" LG CLIPS
5/32" DIA LANDING GEAR
F-1 FIREWALL
FUEL TANK
RECEIVER
BATTERY
SUITABLE FLOOR FOR FUEL TANK
SERVO AREA
1/4" SQ BALSA STRUCTURE
1/4" SQ BALSA DOUBLER
1/4" SQ BALSA LONGERONS
1/8" x 1/4" BALSA
ELEVATOR PUSHROD EXIT
1/16" PLYWOOD TAILSKID MOUNT
1/16" DIA MUSIC WIRE TAILSKID
3/8" BALSA SHEET COWL CHEEKS
5/32" DIA. MUSIC WIRE LANDING GEAR - ATTACH TO FIREWALL F-1 WITH 5/32" LG CLIPS
NOTE FILL FIRST TWO BAYS SIDES AND BOTTOM WITH 1/4" BALSA SHEET - NOT SHOWN FOR CLARITY
SPLICE FOR 1/4" SQ BALSA LONGERONS - USE 36" STOCK
1/4" SQ BALSA STABILIZER MOUNT
3" TO 3-1/2" DIA. MAIN WHEELS
FUSELAGE SIDE VIEW
0" 1" 2" 3" 4" 5" 6"
SPECIFICATIONS
WING SPAN 78-1/2"
WING CHORD 11-5/8"
WING AREA 910 SQ. IN (6.323 FT.²)
MIN. SAM WEIGHT 63.3 OUNCES
MAX. POWER 40 CU IN
FUSELAGE LENGTH 46-1/2"
FLYING MODELS
COMMANDO +56%
DESIGNED BY DOC MATHEWS
TRACING BY JOE DEMARCO
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