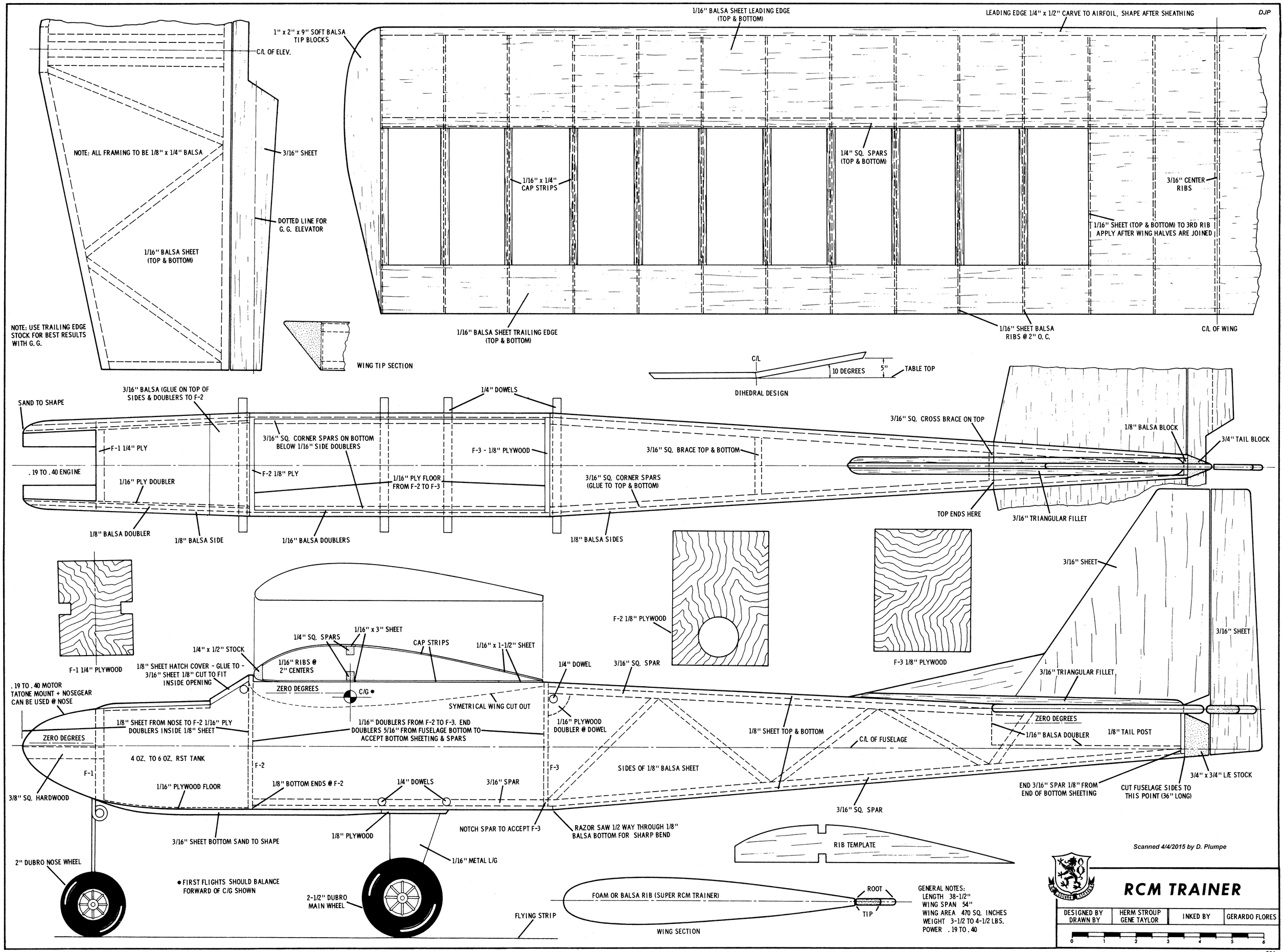
DJP
1" x 2" x 9" SOFT BALSA TIP BLOCKS
C/L OF ELEV.
NOTE: ALL FRAMING TO BE 1/8" x 1/4" BALSA
3/16" SHEET
DOTTED LINE FOR G. G. ELEVATOR
1/16" BALSA SHEET (TOP & BOTTOM)
NOTE: USE TRAILING EDGE STOCK FOR BEST RESULTS WITH G. G.
WING TIP SECTION
1/16" BALSA SHEET LEADING EDGE (TOP & BOTTOM)
LEADING EDGE 1/4" x 1/2" CARVE TO AIRFOIL, SHAPE AFTER SHEATHING
1/4" SQ. SPARS (TOP & BOTTOM)
1/16" x 1/4" CAP STRIPS
3/16" CENTER RIBS
1/16" SHEET (TOP & BOTTOM) TO 3RD RIB APPLY AFTER WING HALVES ARE JOINED
1/16" BALSA SHEET TRAILING EDGE (TOP & BOTTOM)
1/16" SHEET BALSA RIBS @ 2" O. C.
C/L OF WING
C/L
10 DEGREES
5"
TABLE TOP
DIHEDRAL DESIGN
SAND TO SHAPE
3/16" BALSA (GLUE ON TOP OF SIDES & DOUBLERS TO F-2
1/4" DOWELS
3/16" SQ. CROSS BRACE ON TOP
1/8" BALSA BLOCK
3/4" TAIL BLOCK
F-1 1/4" PLY
3/16" SQ. CORNER SPARS ON BOTTOM BELOW 1/16" SIDE DOUBLERS
F-3 - 1/8" PLYWOOD
3/16" SQ. BRACE TOP & BOTTOM
. 19 TO . 40 ENGINE
F-2 1/8" PLY
1/16" PLY DOUBLER
1/16" PLY FLOOR FROM F-2 TO F-3
3/16" SQ. CORNER SPARS (GLUE TO TOP & BOTTOM)
TOP ENDS HERE
3/16" TRIANGULAR FILLET
1/8" BALSA DOUBLER
1/8" BALSA SIDE
1/16" BALSA DOUBLERS
1/8" BALSA SIDES
3/16" SHEET
F-2 1/8" PLYWOOD
F-1 1/4" PLYWOOD
F-3 1/8" PLYWOOD
1/4" SQ. SPARS
1/16" x 3" SHEET
CAP STRIPS
1/16" x 1-1/2" SHEET
1/4" x 1/2" STOCK
1/16" RIBS @ 2" CENTERS
1/8" SHEET HATCH COVER - GLUE TO - 3/16" SHEET 1/8" CUT TO FIT INSIDE OPENING
1/4" DOWEL
3/16" SQ. SPAR
3/16" TRIANGULAR FILLET
. 19 TO . 40 MOTOR TATONE MOUNT + NOSEGEAR CAN BE USED @ NOSE
ZERO DEGREES
C/G *
SYMETRICAL WING CUT OUT
1/8" SHEET FROM NOSE TO F-2 1/16" PLY DOUBLERS INSIDE 1/8" SHEET
1/16" DOUBLERS FROM F-2 TO F-3. END DOUBLERS 5/16" FROM FUSELAGE BOTTOM TO ACCEPT BOTTOM SHEETING & SPARS
1/16" PLYWOOD DOUBLER @ DOWEL
1/8" SHEET TOP & BOTTOM
C/L OF FUSELAGE
1/16" BALSA DOUBLER
1/8" TAIL POST
4 OZ. TO 6 OZ. RST TANK
F-1
F-2
F-3
SIDES OF 1/8" BALSA SHEET
3/4" x 3/4" L/E STOCK
3/8" SQ. HARDWOOD
1/16" PLYWOOD FLOOR
1/8" BOTTOM ENDS @ F-2
1/4" DOWELS
3/16" SPAR
END 3/16" SPAR 1/8" FROM END OF BOTTOM SHEETING
CUT FUSELAGE SIDES TO THIS POINT (36" LONG)
3/16" SQ. SPAR
3/16" SHEET BOTTOM SAND TO SHAPE
1/8" PLYWOOD
NOTCH SPAR TO ACCEPT F-3
RAZOR SAW 1/2 WAY THROUGH 1/8" BALSA BOTTOM FOR SHARP BEND
RIB TEMPLATE
Scanned 4/4/2015 by D. Plumpe
2" DUBRO NOSE WHEEL
* FIRST FLIGHTS SHOULD BALANCE FORWARD OF C/G SHOWN
2-1/2" DUBRO MAIN WHEEL
1/16" METAL L/G
FLYING STRIP
FOAM OR BALSA RIB (SUPER RCM TRAINER)
ROOT
TIP
WING SECTION
GENERAL NOTES:
LENGTH 38-1/2"
WING SPAN 54"
WING AREA 470 SQ. INCHES
WEIGHT 3-1/2 TO 4-1/2 LBS.
POWER . 19 TO . 40
RCM TRAINER
DESIGNED BY
DRAWN BY
HERM STROUP
GENE TAYLOR
INKED BY
GERARDO FLORES
0 1 2 3 4 5 6