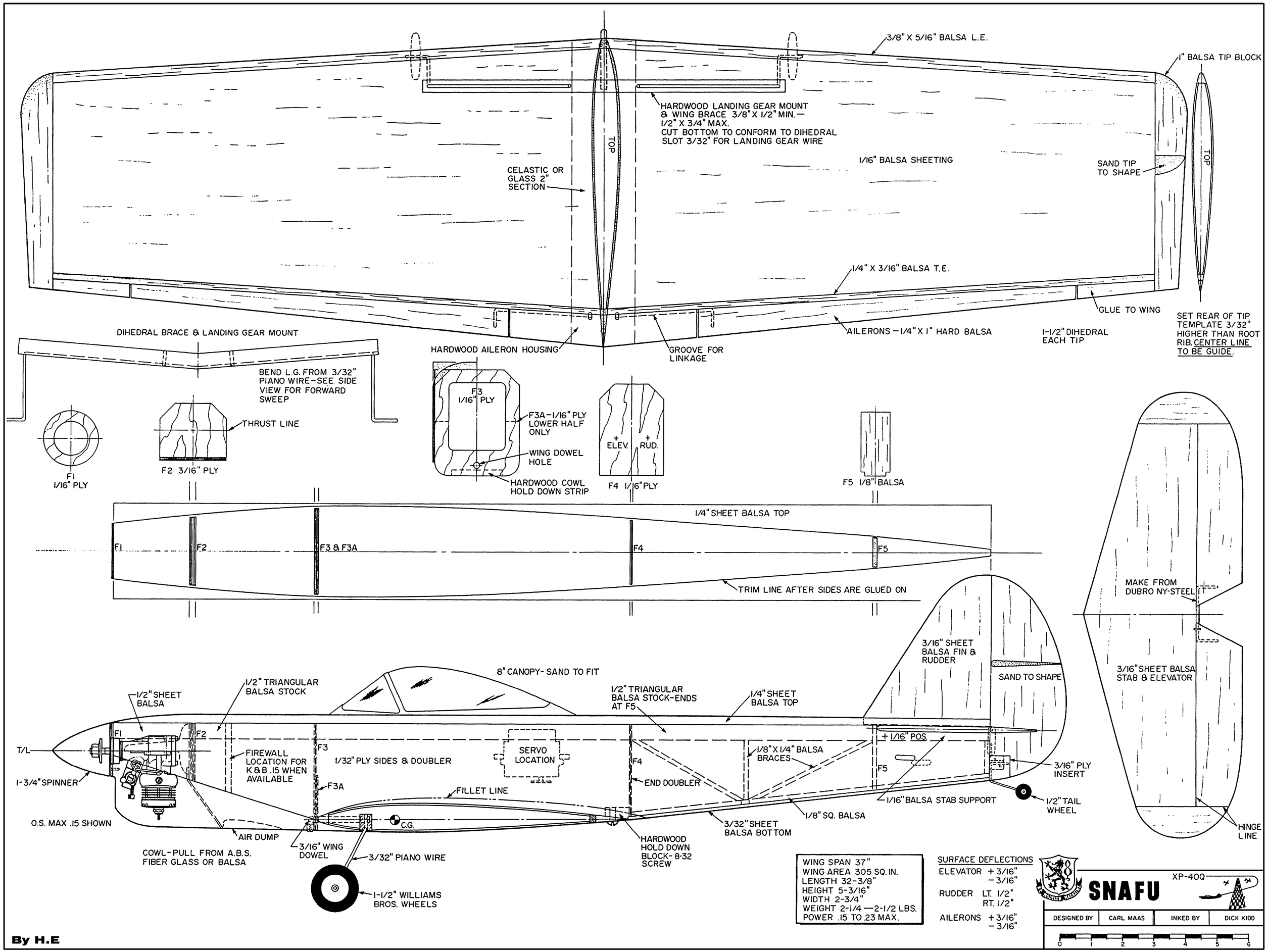
3/8" X 5/16" BALSA L.E.
1" BALSA TIP BLOCK
HARDWOOD LANDING GEAR MOUNT & WING BRACE 3/8" X 1/2" MIN. — 1/2" X 3/4" MAX. CUT BOTTOM TO CONFORM TO DIHEDRAL SLOT 3/32" FOR LANDING GEAR WIRE
TOP
CELASTIC OR GLASS 2" SECTION
1/16" BALSA SHEETING
SAND TIP TO SHAPE
TOP
1/4" X 3/16" BALSA T.E.
GLUE TO WING
SET REAR OF TIP TEMPLATE 3/32" HIGHER THAN ROOT RIB. CENTER LINE TO BE GUIDE.
DIHEDRAL BRACE & LANDING GEAR MOUNT
HARDWOOD AILERON HOUSING
GROOVE FOR LINKAGE
AILERONS — 1/4" X 1" HARD BALSA
1-1/2" DIHEDRAL EACH TIP
BEND L.G. FROM 3/32" PIANO WIRE-SEE SIDE VIEW FOR FORWARD SWEEP
F3 1/16" PLY
F3A-1/16" PLY LOWER HALF ONLY
WING DOWEL HOLE
HARDWOOD COWL HOLD DOWN STRIP
+ ELEV.
+ RUD.
THRUST LINE
F1 1/16" PLY
F2 3/16" PLY
F4 1/16" PLY
F5 1/8" BALSA
1/4" SHEET BALSA TOP
F1
F2
F3 & F3A
F4
F5
TRIM LINE AFTER SIDES ARE GLUED ON
MAKE FROM DUBRO NY-STEEL
3/16" SHEET BALSA FIN & RUDDER
SAND TO SHAPE
3/16" SHEET BALSA STAB & ELEVATOR
8" CANOPY- SAND TO FIT
1/2" SHEET BALSA
1/2" TRIANGULAR BALSA STOCK
1/2" TRIANGULAR BALSA STOCK-ENDS AT F5
1/4" SHEET BALSA TOP
T/L
F1
F2
F3
F3A
F4
F5
+ 1/16" POS.
FIREWALL LOCATION FOR K & B .15 WHEN AVAILABLE
1/32" PLY SIDES & DOUBLER
SERVO LOCATION
1/8" X 1/4" BALSA BRACES
3/16" PLY INSERT
1-3/4" SPINNER
END DOUBLER
FILLET LINE
1/16" BALSA STAB SUPPORT
1/2" TAIL WHEEL
O.S. MAX .15 SHOWN
C.G.
1/8" SQ. BALSA
3/32" SHEET BALSA BOTTOM
HINGE LINE
AIR DUMP
3/16" WING DOWEL
3/32" PIANO WIRE
HARDWOOD HOLD DOWN BLOCK- 8-32 SCREW
COWL-PULL FROM A.B.S. FIBER GLASS OR BALSA
1-1/2" WILLIAMS BROS. WHEELS
WING SPAN 37"
WING AREA 305 SQ. IN.
LENGTH 32-3/8"
HEIGHT 5-3/16"
WIDTH 2-3/4"
WEIGHT 2-1/4 — 2-1/2 LBS.
POWER .15 TO .23 MAX.
SURFACE DEFLECTIONS
ELEVATOR + 3/16" − 3/16"
RUDDER LT. 1/2" RT. 1/2"
AILERONS + 3/16" − 3/16"
SNAFU
XP-40Q
DESIGNED BY
CARL MAAS
INKED BY
DICK KIDD
0 1 2 3 4 5 6
By H.E