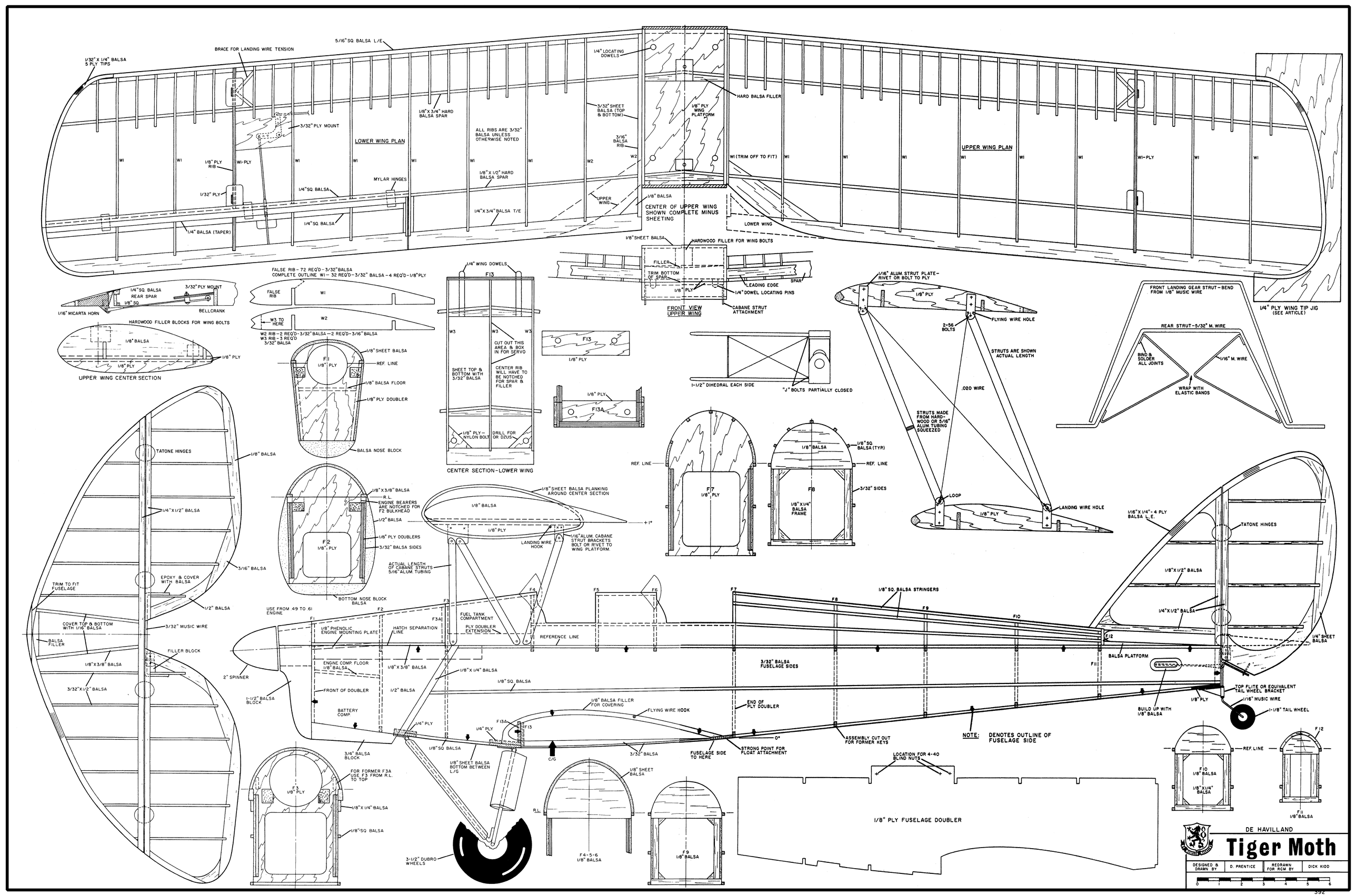
LOWER WING PLAN
UPPER WING PLAN
5/16" SQ. BALSA L/E
BRACE FOR LANDING WIRE TENSION
1/32" X 1/4" BALSA 5 PLY TIPS
1/4" LOCATING DOWELS
HARD BALSA FILLER
1/8" PLY WING PLATFORM
3/32" SHEET BALSA (TOP & BOTTOM)
3/16" BALSA RIB
1/8" X 3/4" HARD BALSA SPAR
ALL RIBS ARE 3/32" BALSA UNLESS OTHERWISE NOTED
3/32" PLY MOUNT
1/8" PLY RIB
W1-PLY
W1 (TRIM OFF TO FIT)
W2
1/8" X 1/2" HARD BALSA SPAR
MYLAR HINGES
1/4" SQ. BALSA
1/32" PLY
UPPER WING
1/8" BALSA
CENTER OF UPPER WING SHOWN COMPLETE MINUS SHEETING
1/4" X 3/4" BALSA T/E
1/4" BALSA (TAPER)
LOWER WING
1/4" PLY WING TIP JIG (SEE ARTICLE)
1/8" SHEET BALSA
HARDWOOD FILLER FOR WING BOLTS
FILLER
TRIM BOTTOM OF SPAR
LEADING EDGE
SPAR
1/8" PLY
1/4" DOWEL LOCATING PINS
CABANE STRUT ATTACHMENT
FRONT VIEW UPPER WING
1/4" SQ. BALSA
3/32" PLY MOUNT
REAR SPAR
1/8" SQ.
1/16" MICARTA HORN
BELLCRANK
HARDWOOD FILLER BLOCKS FOR WING BOLTS
1/8" BALSA
1/8" PLY
UPPER WING CENTER SECTION
FALSE RIB - 72 REQ'D - 3/32" BALSA
COMPLETE OUTLINE W1 - 32 REQ'D - 3/32" BALSA - 4 REQ'D - 1/8" PLY
FALSE RIB
W1
W3 TO HERE
W2
W2 RIB - 2 REQ'D - 3/32" BALSA - 2 REQ'D - 3/16" BALSA
W3 RIB - 3 REQ'D 3/32" BALSA
1/4" WING DOWELS
F13
W3
CUT OUT THIS AREA & BOX IN FOR SERVO
SHEET TOP & BOTTOM WITH 3/32" BALSA
CENTER RIB WILL HAVE TO BE NOTCHED FOR SPAR & FILLER
1/8" PLY - NYLON BOLT
DRILL FOR OR DZUS
CENTER SECTION-LOWER WING
F1
1/8" PLY
1/8" SHEET BALSA
REF. LINE
1/8" BALSA FLOOR
1/8" PLY DOUBLER
BALSA NOSE BLOCK
F13A
1/8" PLY
1-1/2" DIHEDRAL EACH SIDE
"J" BOLTS PARTIALLY CLOSED
1/16" ALUM. STRUT PLATE - RIVET OR BOLT TO PLY
FLYING WIRE HOLE
2-56 BOLTS
STRUTS ARE SHOWN ACTUAL LENGTH
.020 WIRE
STRUTS MADE FROM HARD-WOOD OR 5/16" ALUM. TUBING SQUEEZED
LOOP
LANDING WIRE HOLE
FRONT LANDING GEAR STRUT - BEND FROM 1/8" MUSIC WIRE
REAR STRUT - 5/32" M. WIRE
BIND & SOLDER ALL JOINTS
1/16" M. WIRE
WRAP WITH ELASTIC BANDS
TATONE HINGES
1/8" BALSA
1/4" X 1/2" BALSA
3/16" BALSA
1/8" X 3/8" BALSA
R.L.
ENGINE BEARERS ARE NOTCHED FOR F2 BULKHEAD
1/2" BALSA
1/8" PLY DOUBLERS
3/32" BALSA SIDES
F2
1/8" PLY
BOTTOM NOSE BLOCK BALSA
1/8" SHEET BALSA PLANKING AROUND CENTER SECTION
1/8" BALSA
1/8" PLY
+1"
LANDING WIRE HOOK
1/16" ALUM. CABANE STRUT BRACKETS. BOLT OR RIVET TO WING PLATFORM.
ACTUAL LENGTH OF CABANE STRUTS 5/16" ALUM. TUBING
F7
1/8" PLY
F8
1/8" BALSA
1/8" SQ. BALSA (TYP)
1/8" X 1/4" BALSA FRAME
3/32" SIDES
1/16" X 1/4" - 4 PLY BALSA L.E.
1/8" X 1/2" BALSA
1/4" X 1/2" BALSA
1/4" SHEET BALSA
TRIM TO FIT FUSELAGE
EPOXY & COVER WITH BALSA
1/2" BALSA
COVER TOP & BOTTOM WITH 1/16" BALSA
3/32" MUSIC WIRE
BALSA FILLER
FILLER BLOCK
1/8" X 3/8" BALSA
3/32" X 1/2" BALSA
USE FROM .49 TO .61 ENGINE
F3
F4
F5
F6
F7
F8
F9
F10
F11
F12
1/8" SQ. BALSA STRINGERS
1/8" PHENOLIC ENGINE MOUNTING PLATE
HATCH SEPARATION LINE
F3A
FUEL TANK COMPARTMENT
PLY DOUBLER EXTENSION
REFERENCE LINE
ENGINE COMP. FLOOR 1/8" BALSA
1/8" X 3/8" BALSA
1/8" X 1/4" BALSA
1/8" SQ. BALSA
3/32" BALSA FUSELAGE SIDES
BALSA PLATFORM
2" SPINNER
1-1/2" BALSA BLOCK
FRONT OF DOUBLER
1/2" BALSA
BATTERY COMP
1/8" BALSA FILLER FOR COVERING
FLYING WIRE HOOK
END OF PLY DOUBLER
TOP FLITE OR EQUIVALENT TAIL WHEEL BRACKET
1/16" MUSIC WIRE
1-1/8" TAIL WHEEL
BUILD UP WITH 1/8" BALSA
1/8" PLY
1/4" PLY
F13A
F13
C/G
1/8" SQ. BALSA
3/32" BALSA
FUSELAGE SIDE TO HERE
STRONG POINT FOR FLOAT ATTACHMENT
ASSEMBLY CUT OUT FOR FORMER KEYS
NOTE: DENOTES OUTLINE OF FUSELAGE SIDE
3/4" BALSA BLOCK
1/8" SHEET BALSA BOTTOM BETWEEN L/G
FOR FORMER F3A USE F3 FROM R.L. TO TOP
F3
1/8" PLY
1/8" X 1/4" BALSA
1/8" SQ. BALSA
3-1/2" DUBRO WHEELS
1/8" SHEET BALSA
R.L.
F4-5-6
1/8" BALSA
F9
1/8" BALSA
LOCATION FOR 4-40 BLIND NUTS
1/8" PLY FUSELAGE DOUBLER
F10
1/8" BALSA
1/8" X 1/4" BALSA
F11
1/8" BALSA
DE HAVILLAND
Tiger Moth
DESIGNED & DRAWN BY
D. PRENTICE
REDRAWN FOR RCM BY
DICK KIDD
0 1 2 3 4 5 6