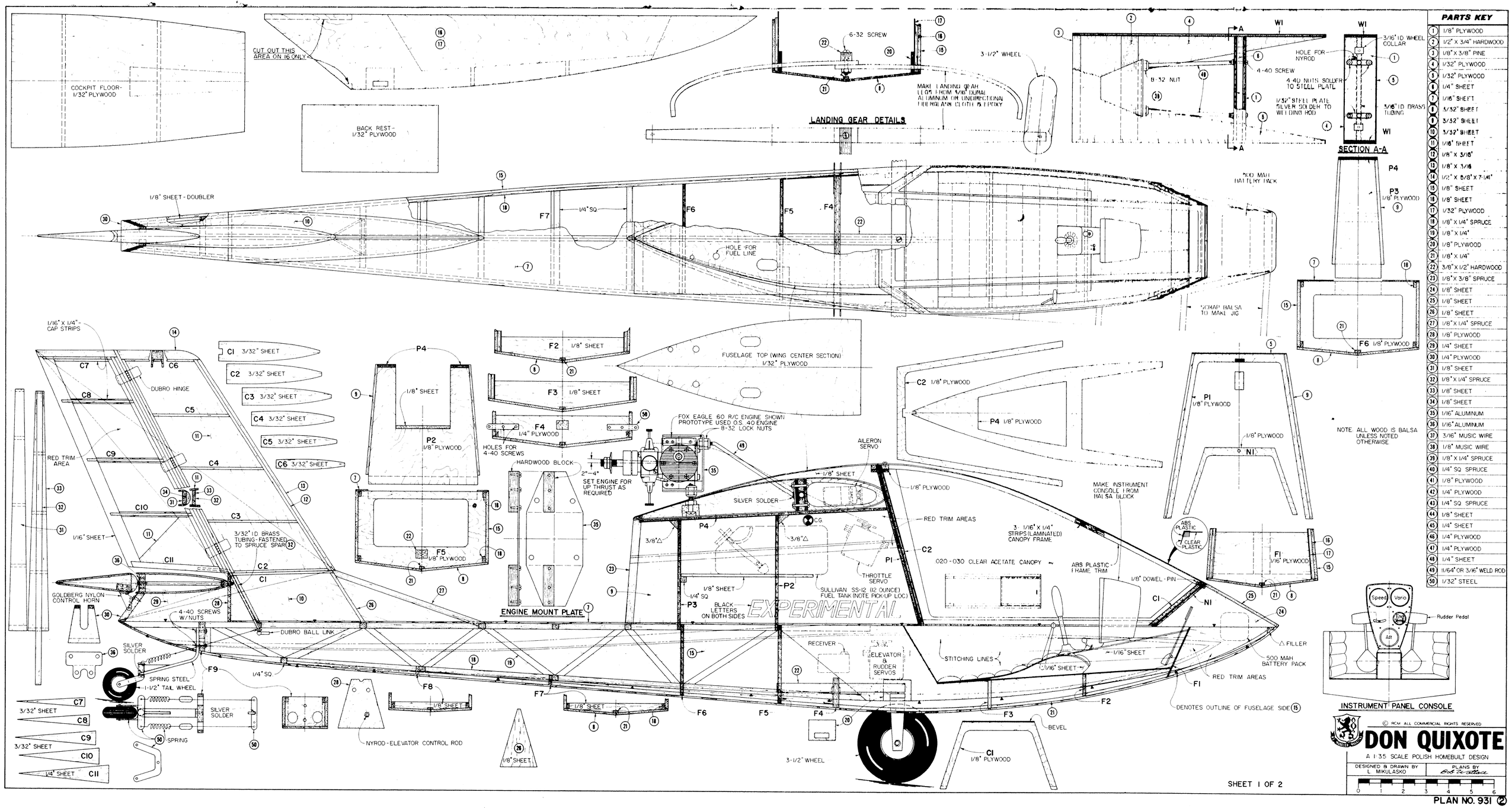
COCKPIT FLOOR-1/32" PLYWOOD
CUT OUT THIS AREA ON 16 ONLY
BACK REST-1/32" PLYWOOD
LANDING GEAR DETAILS
6-32 SCREW
3-1/2" WHEEL
MAKE LANDING GEAR LEGS FROM 3/16" DURAL ALUMINUM OR UNIDIRECTIONAL FIBERGLASS CLOTH & EPOXY
8-32 NUT
4-40 SCREW
4-40 NUTS SOLDER TO STEEL PLATE
1/32" STEEL PLATE SILVER SOLDER TO WELDING ROD
HOLE FOR NYROD
3/16" I.D. WHEEL COLLAR
5/16" I.D. BRASS TUBING
SECTION A-A
1/8" SHEET-DOUBLER
F7
1/4" SQ
F6
F5
F4
HOLE FOR FUEL LINE
500 MAH BATTERY PACK
SCRAP BALSA TO MAKE JIG
P4
P3 1/8" PLYWOOD
F6 1/8" PLYWOOD
1/16" X 1/4"-CAP STRIPS
C7
C6
C8
C5
C9
C4
C10
C3
C11
C2
C1
DUBRO HINGE
RED TRIM AREA
1/16" SHEET
3/32" I.D. BRASS TUBING-FASTENED TO SPRUCE SPAR
GOLDBERG NYLON CONTROL HORN
4-40 SCREWS W/NUTS
DUBRO BALL LINK
SILVER SOLDER
SPRING STEEL
1-1/2" TAIL WHEEL
SPRING
F9
1/4" SQ
F8
1/8" SHEET
NYROD-ELEVATOR CONTROL ROD
F7
F6
F5
F4
F3
F2
F1
C1 3/32" SHEET
C2 3/32" SHEET
C3 3/32" SHEET
C4 3/32" SHEET
C5 3/32" SHEET
C6 3/32" SHEET
C7
C8
C9
C10
C11
3/32" SHEET
1/4" SHEET
P4
1/8" SHEET
P2 1/8" PLYWOOD
F5 1/8" PLYWOOD
F2 1/8" SHEET
F3 1/8" SHEET
F4 1/4" PLYWOOD
HOLES FOR 4-40 SCREWS
HARDWOOD BLOCK
2°-4°
SET ENGINE FOR UP THRUST AS REQUIRED
ENGINE MOUNT PLATE
FUSELAGE TOP (WING CENTER SECTION) 1/32" PLYWOOD
FOX EAGLE 60 R/C ENGINE SHOWN PROTOTYPE USED O.S. 40 ENGINE
8-32 LOCK NUTS
AILERON SERVO
SILVER SOLDER
CG
3/8"△
P1
P2
P3
1/8" SHEET
1/4" SQ
BLACK LETTERS ON BOTH SIDES
EXPERIMENTAL
THROTTLE SERVO
SULLIVAN SS-12 (12 OUNCE) FUEL TANK (NOTE PICK-UP LOC)
RECEIVER
ELEVATOR & RUDDER SERVOS
3-1/2" WHEEL
C1 1/8" PLYWOOD
BEVEL
C2 1/8" PLYWOOD
P4 1/8" PLYWOOD
1/8" PLYWOOD
RED TRIM AREAS
3-1/16" X 1/4" STRIPS (LAMINATED) CANOPY FRAME
020-030 CLEAR ACETATE CANOPY
MAKE INSTRUMENT CONSOLE FROM BALSA BLOCK
ABS PLASTIC
CLEAR PLASTIC
ABS PLASTIC FRAME TRIM
1/8" DOWEL-PIN
STITCHING LINES
1/16" SHEET
500 MAH BATTERY PACK
△ FILLER
RED TRIM AREAS
DENOTES OUTLINE OF FUSELAGE SIDE
P1 1/8" PLYWOOD
N1
F1 1/16" PLYWOOD
NOTE ALL WOOD IS BALSA UNLESS NOTED OTHERWISE
Speed
Vario
Alt
Rudder Pedal
INSTRUMENT PANEL CONSOLE
PARTS KEY
1 1/8" PLYWOOD
2 1/2" X 3/4" HARDWOOD
3 1/8" X 3/8" PINE
4 1/32" PLYWOOD
5 1/32" PLYWOOD
6 1/4" SHEET
7 1/16" SHEET
8 1/32" SHEET
9 3/32" SHEET
10 3/32" SHEET
11 1/16" SHEET
12 1/8" X 3/16"
13 1/8" X 3/16
14 1/2" X 5/8" X 7-1/4"
15 1/8" SHEET
16 1/8" SHEET
17 1/32" PLYWOOD
18 1/8" X 1/4" SPRUCE
19 1/8" X 1/4"
20 1/8" PLYWOOD
21 1/8" X 1/4"
22 3/8" X 1/2" HARDWOOD
23 1/8" X 3/8" SPRUCE
24 1/8" SHEET
25 1/8" SHEET
26 1/8" SHEET
27 1/8" X 1/4" SPRUCE
28 1/8" PLYWOOD
29 1/4" SHEET
30 1/4" PLYWOOD
31 1/8" SHEET
32 1/8" X 1/4" SPRUCE
33 1/8" SHEET
34 1/8" SHEET
35 1/16" ALUMINUM
36 1/16" ALUMINUM
37 3/16" MUSIC WIRE
38 1/8" MUSIC WIRE
39 1/8" X 1/4" SPRUCE
40 1/4" SQ SPRUCE
41 1/8" PLYWOOD
42 1/4" PLYWOOD
43 1/4" SQ SPRUCE
44 1/8" SHEET
45 1/4" SHEET
46 1/4" PLYWOOD
47 1/4" PLYWOOD
48 1/4" SHEET
49 11/64" OR 3/16" WELD ROD
50 1/32" STEEL
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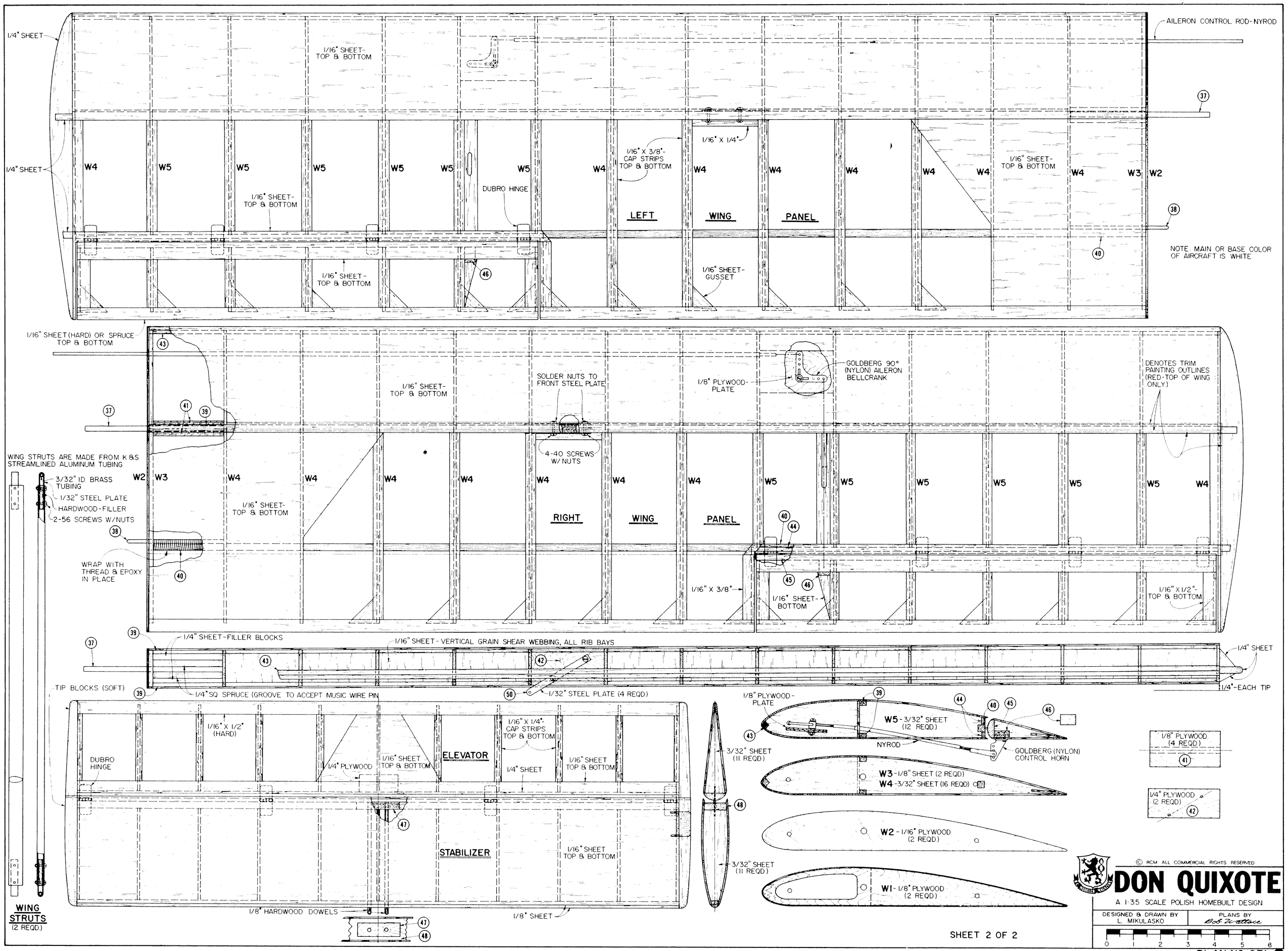
DON QUIXOTE
A 1:35 SCALE POLISH HOMEBUILT DESIGN
DESIGNED & DRAWN BY L. MIKULASKO
PLANS BY Bob Kaldas
0 1 2 3 4 5 6
SHEET 1 OF 2
PLAN NO. 931 2


1/4" SHEET
1/16" SHEET-TOP & BOTTOM
AILERON CONTROL ROD-NYROD
37
1/4" SHEET
W4
W5
W5
W5
W5
W5
W5
W4
1/16" X 3/8"-CAP STRIPS TOP & BOTTOM
1/16" X 1/4"
W4
W4
W4
W4
W4
1/16" SHEET-TOP & BOTTOM
W4
W3
W2
1/16" SHEET-TOP & BOTTOM
DUBRO HINGE
LEFT WING PANEL
38
40
NOTE: MAIN OR BASE COLOR OF AIRCRAFT IS WHITE.
1/16" SHEET-TOP & BOTTOM
46
1/16" SHEET-GUSSET
1/16" SHEET (HARD) OR SPRUCE TOP & BOTTOM
43
GOLDBERG 90° (NYLON) AILERON BELLCRANK
DENOTES TRIM PAINTING OUTLINES (RED-TOP OF WING ONLY)
1/16" SHEET-TOP & BOTTOM
SOLDER NUTS TO FRONT STEEL PLATE
1/8" PLYWOOD-PLATE
37
41
39
4-40 SCREWS W/ NUTS
WING STRUTS ARE MADE FROM K&S STREAMLINED ALUMINUM TUBING
3/32" ID BRASS TUBING
1/32" STEEL PLATE
HARDWOOD-FILLER
2-56 SCREWS W/NUTS
W2
W3
W4
W4
W4
W4
W4
W4
W4
W5
W5
W5
W5
W5
W5
W4
1/16" SHEET-TOP & BOTTOM
RIGHT WING PANEL
40
44
38
WRAP WITH THREAD & EPOXY IN PLACE
40
45
46
1/16" X 3/8"
1/16" SHEET-BOTTOM
1/16" X 1/2"-TOP & BOTTOM
39
1/4" SHEET-FILLER BLOCKS
1/16" SHEET-VERTICAL GRAIN SHEAR WEBBING, ALL RIB BAYS
37
43
42
1/4" SHEET
TIP BLOCKS (SOFT)
39
1/4" SQ SPRUCE (GROOVE TO ACCEPT MUSIC WIRE PIN
50
1/32" STEEL PLATE (4 REQD)
1/4"-EACH TIP
1/8" PLYWOOD-PLATE
39
44
40
45
46
43
W5-3/32" SHEET (12 REQD)
NYROD
GOLDBERG (NYLON) CONTROL HORN
1/16" X 1/2" (HARD)
1/16" X 1/4"-CAP STRIPS TOP & BOTTOM
DUBRO HINGE
1/4" PLYWOOD
1/16" SHEET TOP & BOTTOM
ELEVATOR
1/4" SHEET
1/16" SHEET TOP & BOTTOM
3/32" SHEET (11 REQD)
W3-1/8" SHEET (2 REQD)
W4-3/32" SHEET (16 REQD)
1/8" PLYWOOD (4 REQD)
41
1/4" PLYWOOD (2 REQD)
42
48
47
W2-1/16" PLYWOOD (2 REQD)
STABILIZER
1/16" SHEET TOP & BOTTOM
3/32" SHEET (11 REQD)
W1-1/8" PLYWOOD (2 REQD)
WING STRUTS (2 REQD)
1/8" HARDWOOD DOWELS
1/8" SHEET
47
48
SHEET 2 OF 2
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DON QUIXOTE
A 1:35 SCALE POLISH HOMEBUILT DESIGN
DESIGNED & DRAWN BY L. MIKULASKO
PLANS BY Bob Wallace
0 1 2 3 4 5 6
PLAN NO. 931 2