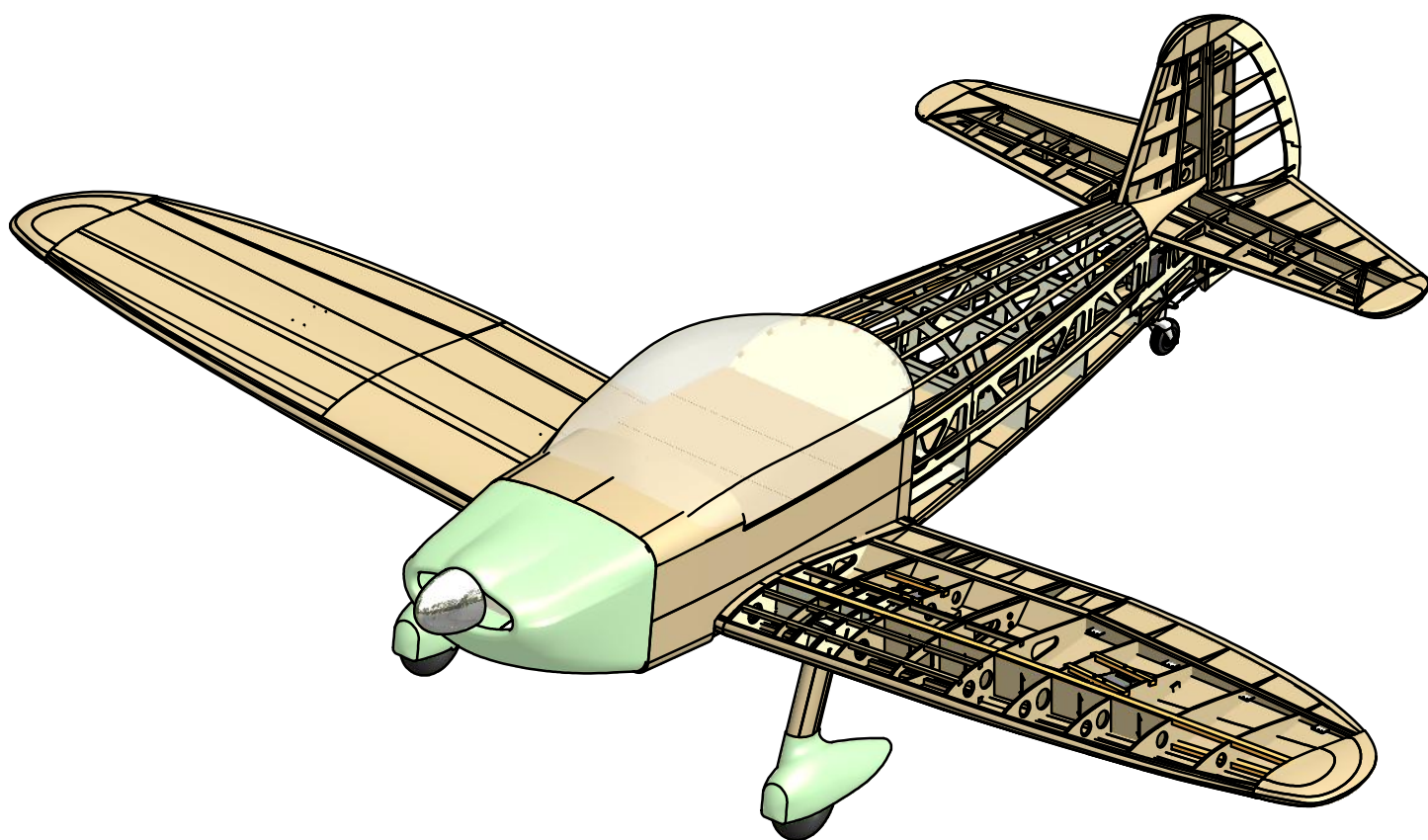
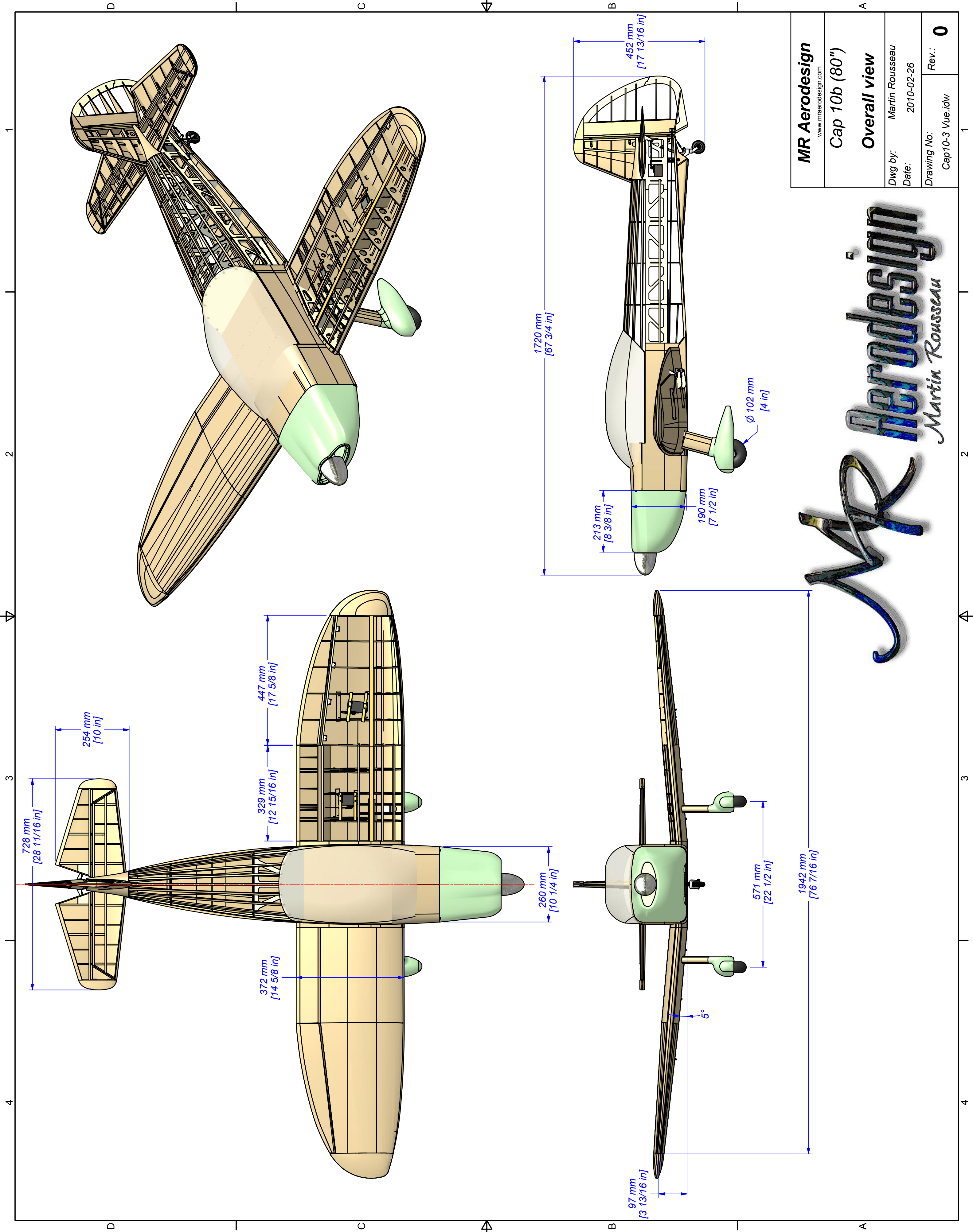


Mudry Cap 10b

Building manual
Manuel de montage



MR Aerodesign
Martin Rousseau



MR Aerodesign
Martin Rousseau

MR Aerodesign www.mraerodesign.com	
Cap 10b (80'')	
Overall view	
Dwg by:	Martin Rousseau
Date:	2010-02-26
Drawing No:	Cap10-3 Vue.idw
Rev.:	0

Mudry Cap 10b

General listing



Part number	Description	Length	Qty	
AA	Balsa 1/16"		2	Laser
AC	Balsa 1/16"		4	
FL-SH-2	Balsa 1/16" x 3"	13	2	3x36"
FL-SH-1	Balsa 1/16" x 3"	13	2	
G-SH-1	Balsa 1/16" x 3"	4 1/8	4	
F-SH-1	Balsa 1/16" x 4"	7 1/2	2	4x36"
S-SH-1	Balsa 1/16" x 4"	25 11/16	2	
E-SH-1	Balsa 1/16" x 4"	12	4	
AB	Balsa 1/4"		2	Laser
E11	Balsa 1/4"		4	
E2	Balsa 1/4"		2	
E4	Balsa 1/4"		2	
FA	Balsa 1/4"		1	
FB	Balsa 1/4"		1	
FUA	Balsa 1/4"		2	
FUTS1	Balsa 1/4"		1	
FUTS2	Balsa 1/4"		2	
G2	Balsa 1/4"		2	
LG1C	Balsa 1/4"		2	
RC	Balsa 1/4"		2	
RD	Balsa 1/4"		1	
RE	Balsa 1/4"		1	
S6	Balsa 1/4"		2	
TWB	Balsa 1/4"		1	
WB	Balsa 1/4"		2	
WF	Balsa 1/4"		6	
WH	Balsa 1/4"		2	
WT1	Balsa 1/4"		4	
WT2	Balsa 1/4"		4	
WT3	Balsa 1/4"		4	
FL-LE-1	Balsa 1/4" x 1 1/2"	13	2	1/4" x 3" x 36" (2x)
F-TE-1	Balsa 1/4" x 1 1/2"	12 3/8	1	
R-LE-1	Balsa 1/4" x 1 1/2"	12 3/8	1	
R-LE-2	Balsa 1/4" x 1 1/2"	12 11/16	1	
R-LE-3	Balsa 1/4" x 1 1/2"	2 1/2	1	
W-TE-3	Balsa 1/4" x 1 1/2"	13 1/4	2	
FU-TD-12	Balsa 1/4" x 2"	6 1/2	2	
W-LE-2	Balsa 1/4" x 1"	11 3/4	1	7x36"
S-TE-1	Balsa 1/4" x 1"	22 3/16	1	
A-LE-1	Balsa 1/4" x 1"	17 3/4	2	
E-LE-1	Balsa 1/4" x 1"	12 1/16	2	
FU-TD-13	Balsa 1/4" x 1"	4 7/8	2	
W-BL-1	Balsa 1/4" x 1"	1 13/16	2	
W-LE-4	Balsa 1/4" x 1"	36	2	
W-TE-2	Balsa 1/4" x 1"	17 7/8	2	
A-LE-2	Balsa 1/4" x 1"	7 1/8	4	
F-LE-1	Balsa 1/4" x 1/2"	8 1/16	1	
W-TE-1	Balsa 1/4" x 1/2"	11 3/4	1	

E-LE-3	Balsa 1/4" x 1/2"	1/8	2	4x36"
E-TE-1	Balsa 1/4" x 1/2"	10 15/16	2	
FL-TE-1	Balsa 1/4" x 1/2"	13	2	
R-BL-1	Balsa 1/4" x 1/2"	1	2	
S-LE-1	Balsa 1/4" x 1/2"	13 1/16	2	
W-ST-5	Balsa 1/4" x 1/2"	4	8	
FU-TD-1	Balsa 1/4" x 1/4"	21	1	21 x 36" + 2 x 48"
FU-TD-8	Balsa 1/4" x 1/4"	22 3/8	1	
FU-TD-5	Balsa 1/4" x 1/4"	24	2	
FU-TD-15	Balsa 1/4" x 1/4"	22 1/2	2	
FU-TD-17	Balsa 1/4" x 1/4"	27 9/16	2	
FU-TD-2	Balsa 1/4" x 1/4"	21	2	
FU-TD-3	Balsa 1/4" x 1/4"	21 1/2	2	
FU-TD-4	Balsa 1/4" x 1/4"	22 1/4	2	
FU-TD-7	Balsa 1/4" x 1/4"	25 3/16	2	
G-TE-1	Balsa 1/4" x 1/4"	4 1/8	2	
W-ST-1	Balsa 1/4" x 1/4"	11 3/4	6	
FU-TD-10	Balsa 1/4" x 1/4"	6 7/16	9	
FU-TD-11	Balsa 1/4" x 1/4"	4 3/4	9	
W-ST-2	Balsa 1/4" x 1/4"	13	12	
G-LE-1	Balsa 1/4" x 3/4"	4 1/8	2	1x36"
A1	Balsa 1/8"		4	Laser
A2	Balsa 1/8"		4	
A3	Balsa 1/8"		4	
A4	Balsa 1/8"		4	
A5	Balsa 1/8"		4	
E1	Balsa 1/8"		2	
E10	Balsa 1/8"		2	
E3	Balsa 1/8"		2	
E5	Balsa 1/8"		2	
E6	Balsa 1/8"		2	
E7	Balsa 1/8"		2	
E9	Balsa 1/8"		2	
F1	Balsa 1/8"		1	
F2	Balsa 1/8"		1	
F3	Balsa 1/8"		1	
F4	Balsa 1/8"		1	
F5	Balsa 1/8"		1	
FC	Balsa 1/8"		1	
FL1	Balsa 1/8"		12	
FU9B	Balsa 1/8"		1	
FUTS3	Balsa 1/8"		2	
G1	Balsa 1/8"		6	
R1	Balsa 1/8"		1	
R2	Balsa 1/8"		1	
R3	Balsa 1/8"		1	
R4	Balsa 1/8"		1	
R5	Balsa 1/8"		1	
R6	Balsa 1/8"		1	
R7	Balsa 1/8"		1	
R8	Balsa 1/8"		1	
S3	Balsa 1/8"		2	
S4	Balsa 1/8"		2	
S4A	Balsa 1/8"		2	
S5	Balsa 1/8"		2	
S7	Balsa 1/8"		2	
W10	Balsa 1/8"		2	
W11	Balsa 1/8"		2	
W12	Balsa 1/8"		2	
W13	Balsa 1/8"		2	

W14	Balsa 1/8"		2	
W15	Balsa 1/8"		2	
W16	Balsa 1/8"		2	
W1A	Balsa 1/8"		2	
W1B	Balsa 1/8"		4	
W4	Balsa 1/8"		2	
W5	Balsa 1/8"		2	
W8	Balsa 1/8"		2	
W9	Balsa 1/8"		2	
WG	Balsa 1/8"		4	
WSW1	Balsa 1/8"		4	
WSW2	Balsa 1/8"		2	
WSW3	Balsa 1/8"		2	
WSW4	Balsa 1/8"		2	
WSW3	Balsa 1/8"			
WSW4	Balsa 1/8"			
S-MS-1	Balsa 1/8" x 1/4"	24 3/8	2	6x36"
E-LE-2	Balsa 1/8" x 1/4"	12	4	
FL-LE-2	Balsa 1/8" x 1/4"	13	2	
FL-LE-3	Balsa 1/8" x 1/4"	13	2	
F-MS-1	Balsa 1/8" x 1/4"	7 1/2	2	
W5A	Balsa 3/32"		8	Laser
WDF	Balsa 3/32"		2	
WDA	Balsa 3/32"		2	
F-LE-2	Balsa 3/32" x 3"	8 1/16	1	10x36"
FU-SH-02	Balsa 3/32" x 3"	4 3/4	2	
FU-SH-04	Balsa 3/32" x 3"	20	2	
FU-SH-05	Balsa 3/32" x 3"	20	2	
FU-SH-16	Balsa 3/32" x 3"	5 11/16	2	
R-SH-1	Balsa 3/32" x 3"	12 1/2	2	
R-SW-2	Balsa 3/32" x 3"	1 1/16	1	
R-SW-3	Balsa 3/32" x 3"	1 1/16	1	
R-SW-4	Balsa 3/32" x 3"	1	1	
R-SW-5	Balsa 3/32" x 3"	7/8	1	
R-SW-6	Balsa 3/32" x 3"	11/16	1	
S-LE-2	Balsa 3/32" x 3"	12 15/16	2	
W-LE-1	Balsa 3/32" x 3"	11 3/4	1	
W-LE-3	Balsa 3/32" x 3"	36	2	
W-SH-2	Balsa 3/32" x 3"	11 3/4	2	
FU-SH-01	Balsa 3/32" x 4"	4 3/4	1	18x36"
FU-SH-03	Balsa 3/32" x 4"	6 1/2	2	
FU-SH-06	Balsa 3/32" x 4"	11	1	
FU-SH-07	Balsa 3/32" x 4"	11	1	
FU-SH-08	Balsa 3/32" x 4"	11	1	
FU-SH-09	Balsa 3/32" x 4"	9 15/16	1	
FU-SH-10	Balsa 3/32" x 4"	9 1/16	1	
FU-SH-11	Balsa 3/32" x 4"	8	1	
FU-SH-12	Balsa 3/32" x 4"	6 13/16	1	
FU-SH-13	Balsa 3/32" x 4"	5 1/2	1	
FU-SH-14	Balsa 3/32" x 4"	4	1	
FU-SH-15	Balsa 3/32" x 4"	2 5/16	1	
W-SH-1	Balsa 3/32" x 4"	11 3/4	2	
W-SH-3	Balsa 3/32" x 4"	11 3/4	2	
W-SH-4	Balsa 3/32" x 4"	11 3/4	2	
W-SH-5	Balsa 3/32" x 4"	36	4	
W-SH-6	Balsa 3/32" x 4"	36	4	
W-SH-7	Balsa 3/32" x 4"	36	4	
W-SH-8	Balsa 3/32" x 4"	9 3/4	1	
W-SH-9	Balsa 3/32" x 4"	10 3/8	2	
W-SH-9A	Balsa 3/32" x 4"	10 3/8	1	

W-MS-1	Hardwood 1/4" x 1/2"	10 1/8	2	5x36"
FU-SR-2	Hardwood 1/4" x 1/2"	3 5/16	1	
FU-SR-4	Hardwood 1/4" x 1/2"	2 1/4	1	
W-MS-3	Hardwood 1/4" x 1/2"	36	4	
FU-TD-16	Hardwood 1/4" x 1/4"	36	2	2x36"
FU-SR-1	Hardwood 1/4" x 3/8"	2	2	2x36"
FU-SR-3	Hardwood 1/4" x 3/8"	1 1/4	3	
W-SR-1	Hardwood 1/4" x 3/8"	3 3/4	4	
W-SR-2	Hardwood 1/4" x 3/8"	4	4	
WJ3	Ply (5 ply) 1/8"		4	Laser
FL2	Ply (5 ply) 1/8"		8	
FL3	Ply (5 ply) 1/8"		2	
WJ1	Ply (5 ply) 1/8"		1	
WJ1A	Ply (5 ply) 1/8"		1	
FU1	Ply 1/4"		1	Laser
LG1A	Ply 1/4"		4	
LG1B	Ply 1/4"		8	
LG1D	Ply 1/4"		2	
WA	Ply 1/4"		1	
W5B	Ply 1/64"		8	Laser
FUTS4	Ply 1/64"		2	
AD	Ply 1/8"		2	Laser
EA	Ply 1/8"		2	
FU10A	Ply 1/8"		1	
FU10C	Ply 1/8"		1	
FU11A	Ply 1/8"		1	
FU12	Ply 1/8"		1	
FU13	Ply 1/8"		1	
FU1A	Ply 1/8"		1	
FU2A	Ply 1/8"		2	
FU2B	Ply 1/8"		1	
FU2C	Ply 1/8"		1	
FU3A	Ply 1/8"		1	
FU4A	Ply 1/8"		2	
FU5A	Ply 1/8"		2	
FU5B	Ply 1/8"		1	
FU5C	Ply 1/8"		1	
FU5D	Ply 1/8"		1	
FU6A	Ply 1/8"		1	
FU6B	Ply 1/8"		1	
FU7A	Ply 1/8"		1	
FU7B	Ply 1/8"		1	
FU8A	Ply 1/8"		1	
FU8B	Ply 1/8"		1	
FU9A	Ply 1/8"		1	
FUC	Ply 1/8"		1	
FUS1	Ply 1/8"		2	
FUS2	Ply 1/8"		2	
FUW	Ply 1/8"		4	
LG2A	Ply 1/8"		4	
RA	Ply 1/8"		1	
RB	Ply 1/8"		1	
S1	Ply 1/8"		1	
S2	Ply 1/8"		2	
ST1	Ply 1/8"		8	
ST2	Ply 1/8"		8	
ST3	Ply 1/8"		8	
TWA	Ply 1/8"		2	
W1C	Ply 1/8"		2	
W2A	Ply 1/8"		2	

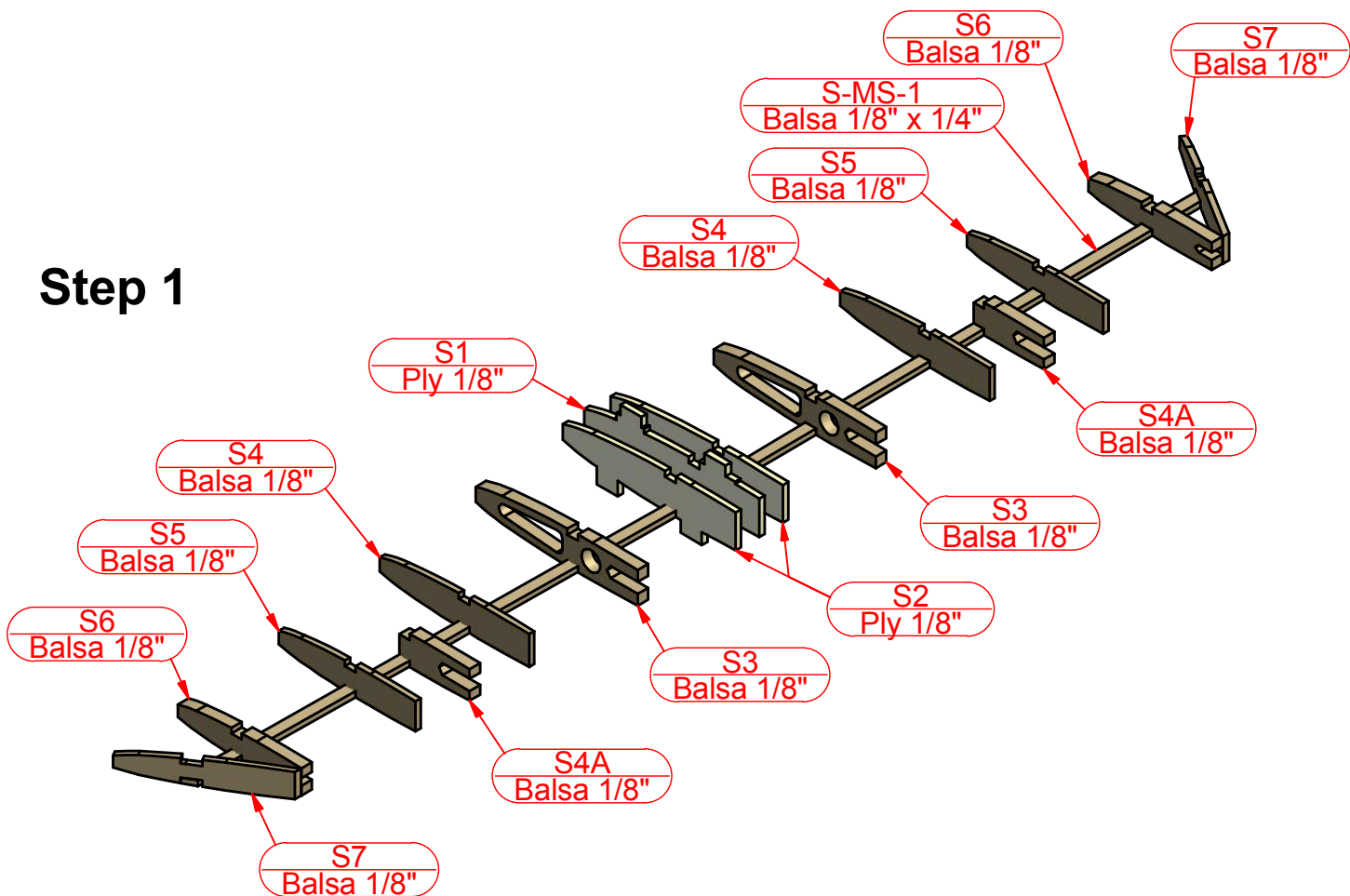
W2B	Ply 1/8"		3	
W3	Ply 1/8"		2	
W7I	Ply 1/8"		4	
W7O	Ply 1/8"		4	
WC	Ply 1/8"		1	
WE	Ply 1/8"		1	
WJ4	Ply 1/8"		1	
W-DW-1	Wood dowel Ø1/2"	5 1/2	2	1x12"
W-DW-2	Wood dowel Ø1/4"	5/8	8	1x12"
FU-DW-1	Wood dowel Ø1/4"	1/2	4	
CAP10-CPY	Canopy		1	
CAP10-CWL	Cowling		1	Fiberglass parts
CAP10-WHP-L	Wheel pant (Left)		1	
CAP10-WHP-R	Wheel pant (Right)		1	
DUB105	Nylon Control Horn		4	Hardware bag
DUB158	Steel landing gear strap		4	
DUB172	2-56 Threaded rod		6	
DUB202	Steel strap		2	
DUB212	Threaded coupler		6	
DUB366	Nylon Control Horn		2	
DUB518	4-40 Push-pull system		2	
DUB600	2-56 Spring steel Kwik-link		8	
DUB861	4-40 Swivel ball link		8	
ROB311	Robart Hinge Ø1/8"		2	
ROB312	Robart Hinge Ø3/16"		9	
ROB316	Robart Socket Ø1/8"		2	
ROB318	Robart Socket Ø3/16"		8	
ROB670	Straight Robodtrut Ø1/2"		2	
BD4C024	Hex. Bolt. 1/4-20 NC x 1 1/2" lg.		2	
BN250	Blind nut Ø1/4 NC		2	
BN6	Blind nut 6-32		2	
RP4	Flat Washer Ø1/4"		2	
SH4C12	Socket Head Cap Screw 4-40 x 3/4"		4	
SH4C16	Socket Head Cap Screw #4-40 x 1" lg.		4	
SH6C16	Socket Head Cap Screw 6-32 x 1"		2	
NN4	Nylock Nut #4-40		6	
SS2-07	Servo Screw #2x7/16"		60	
TW-1	Tail wheel arm		1	Tail wheel bag
TW-2	Tail wheel fork		1	
TW-3	Oleo hand		1	
TW-4	Tail wheel oleo piston		1	
TW-5	Brass tube Ø1/4" x Ø9/32"	1 3/4	1	
TW-6	Tail wheel steering arm		1	
TW-9	Steel rod 1/32	11/16	1	
TW-TS	Tension spring		2	
TW-CS	Compression spring		1	
SS2-07	Servo Screw #2x7/16"		4	
SH4C16	Socket Head Cap Screw 4-40 x 1"		1	
SH4C20	Socket Head Cap Screw 4-40 x 1 1/4"		1	
SH4C4	Socket Head Cap Screw 4-40 x 1/4"		1	
DUB139	Wheel collar Ø1/8"		1	
DUB175TL	Wheel Ø1 3/4"		1	
DUB367	Swivel ball link 2-56		1	
DUB400RV	Ø4" wheel		2	Optionnal Landing gear
LG3	Landing gear bushing (Alum. Ø1/2")	1 1/2	2	
LG4	Music wire Ø1/4"	2 1/2	2	
SH6C4	Socket head Cap screw 6-32 x 1/4"		4	



Horiz. Stab.

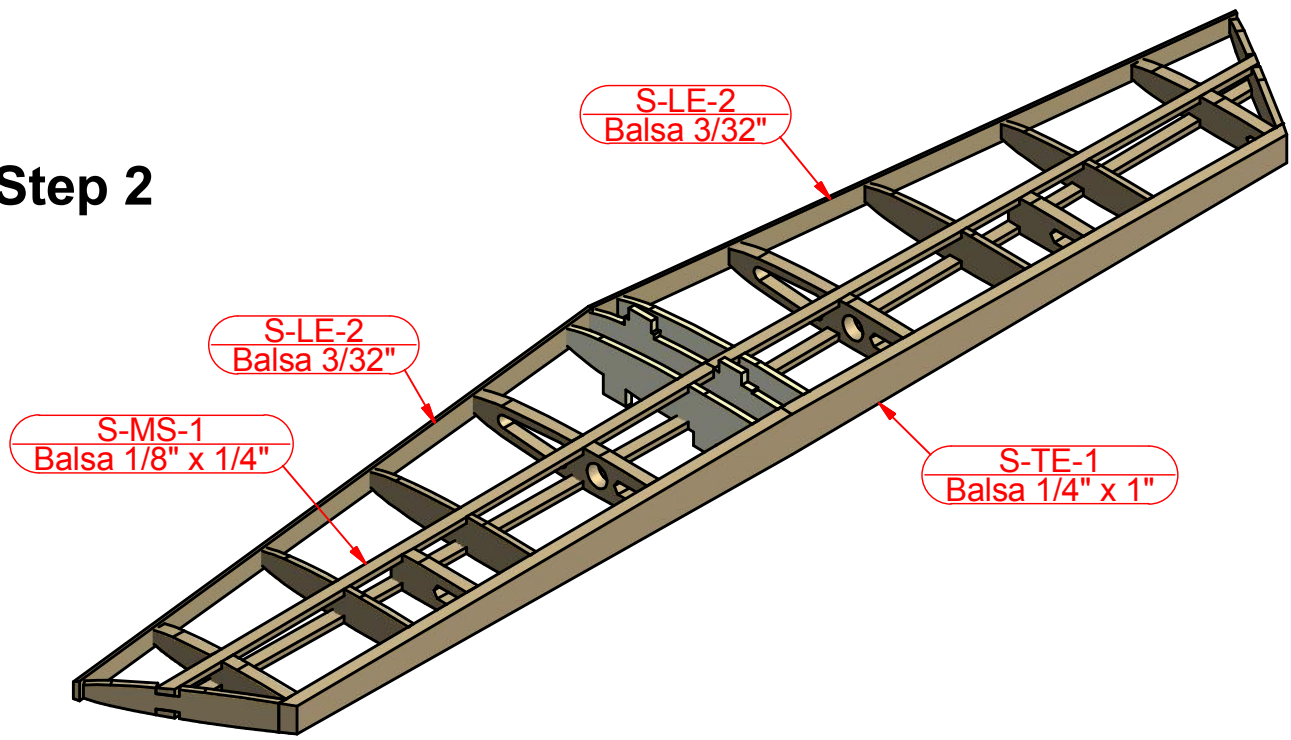
Parts listing (For 1 ass'y)		
Part number	Description	Qty
ROB318	Robart Socket Ø3/16"	4
ROB316	Robart Socket Ø1/8"	2
S-LE-1	Balsa 1/4" x 1/2"	2
S-LE-2	Balsa 3/32"	2
S-MS-1	Balsa 1/8" x 1/4"	2
S-SH-1	Balsa 1/16" x 4"	2
S-TE-1	Balsa 1/4" x 1"	1
S1	Ply 1/8"	1
S2	Ply 1/8"	2
S3	Balsa 1/8"	2
S4	Balsa 1/8"	2
S4A	Balsa 1/8"	2
S5	Balsa 1/8"	2
S6	Balsa 1/8"	2
S7	Balsa 1/8"	2

Step 1

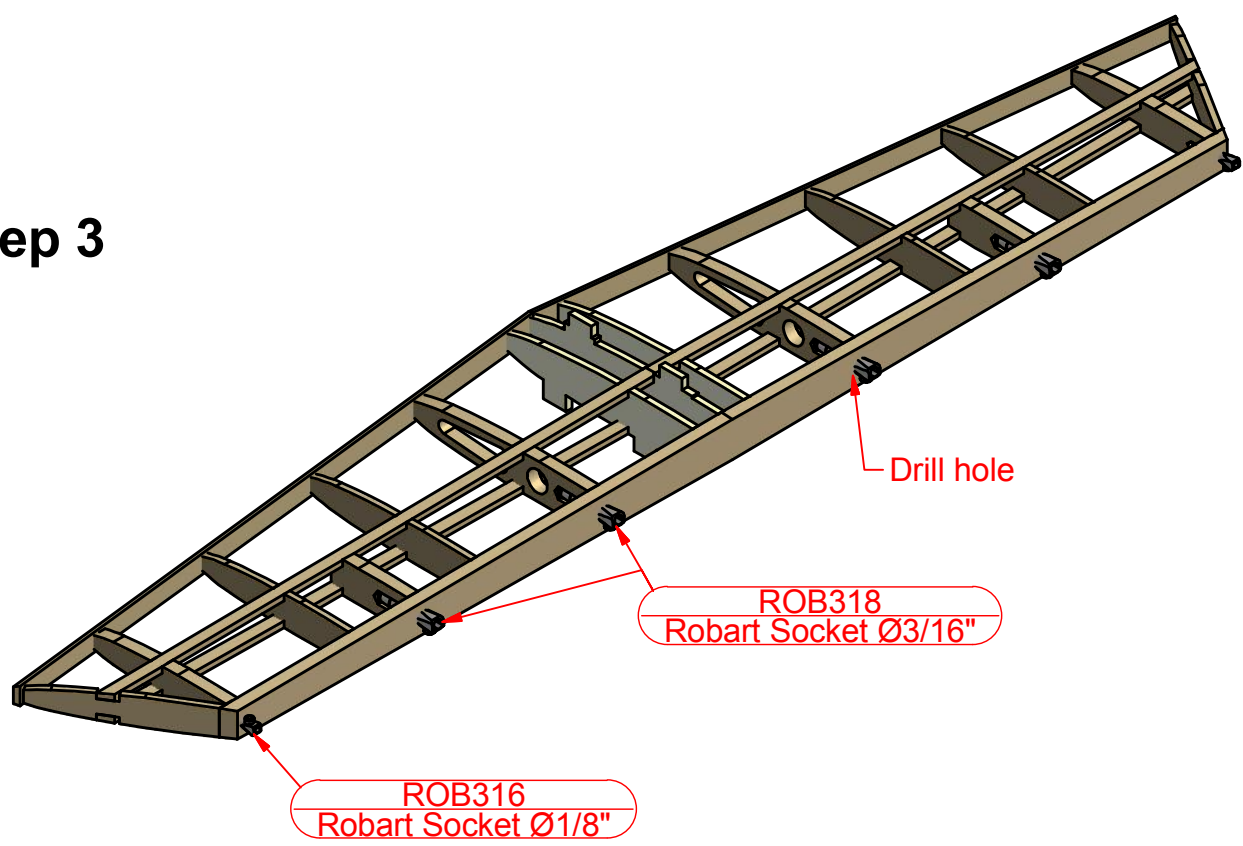


Horiz. Stab.

Step 2



Step 3



1

B



A



4

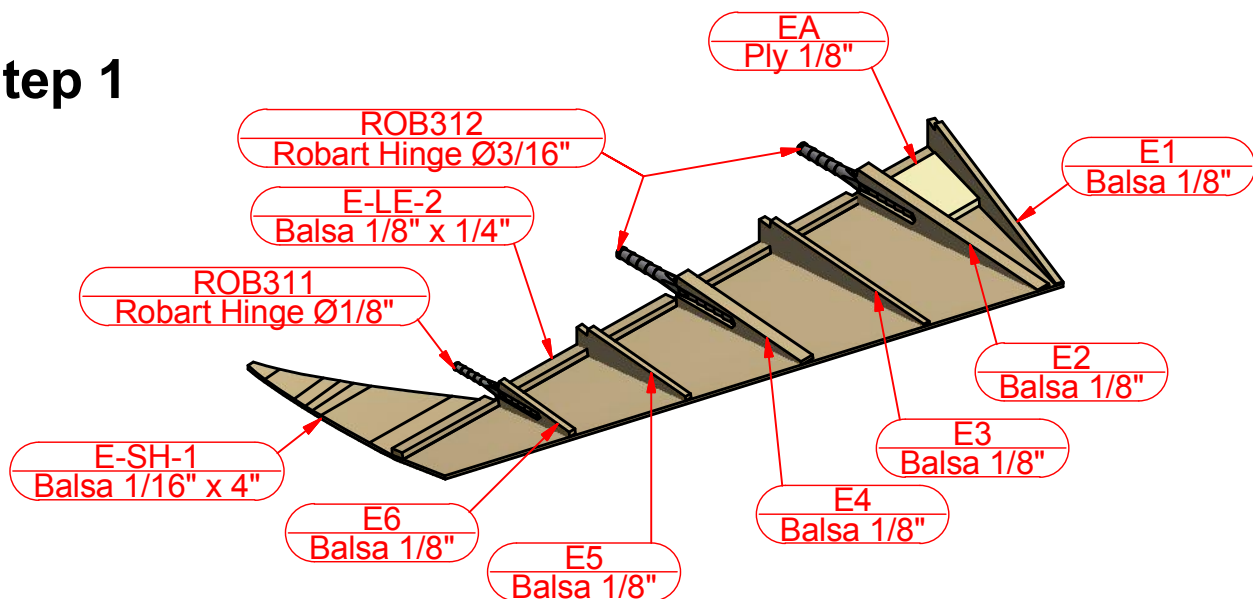
1

Elevator

Parts listing (For 1 ass'y)

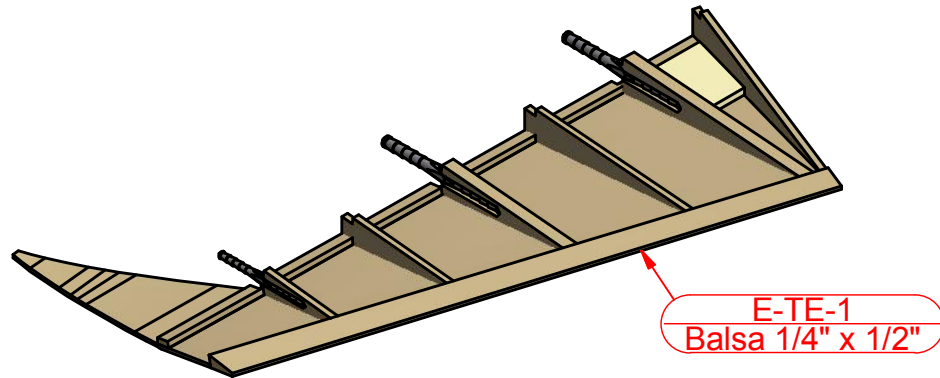
Part number	Description	Qty
DUB105	Nylon Control Horn	1
E-LE-1	Balsa 1/4" x 1"	1
E-LE-2	Balsa 1/8" x 1/4"	2
E-LE-3	Balsa 1/4" x 1/2"	1
E-SH-1	Balsa 1/16" x 4"	2
E-TE-1	Balsa 1/4" x 1/2"	1
E1	Balsa 1/8"	1
E10	Balsa 1/8"	1
E11	Balsa 1/4"	2
E2	Balsa 1/8"	1
E3	Balsa 1/8"	1
E4	Balsa 1/8"	1
E5	Balsa 1/8"	1
E6	Balsa 1/8"	1
E7	Balsa 1/8"	1
E9	Balsa 1/8"	1
EA	Ply 1/8"	1
ROB311	Robart Hinge Ø1/8"	1
ROB312	Robart Hinge Ø3/16"	2

Step 1

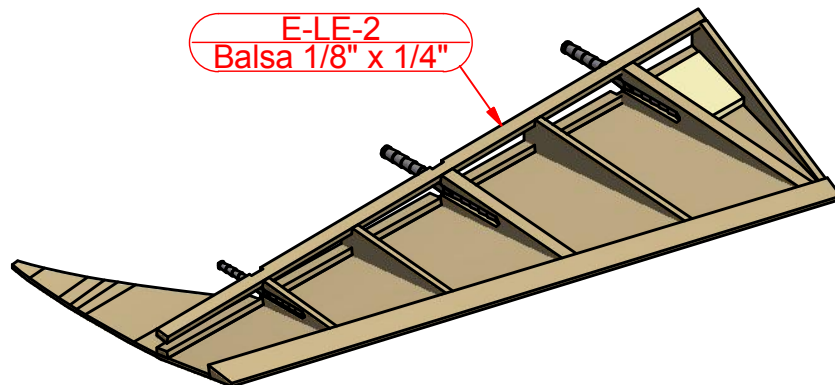


Elevator

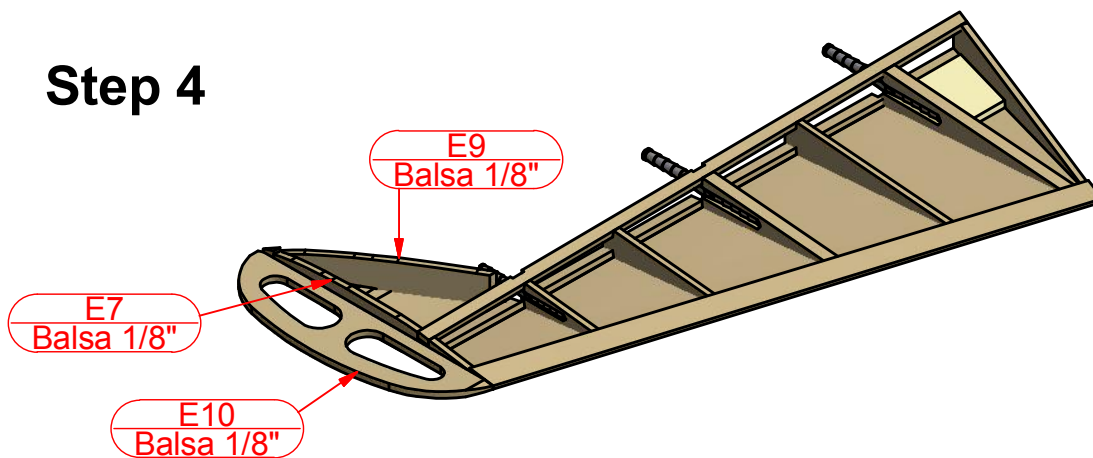
Step 2



Step 3

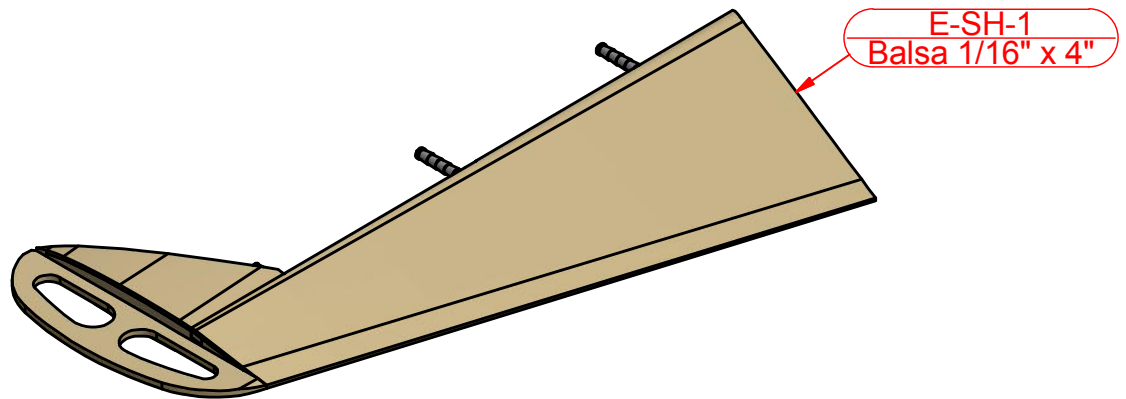


Step 4

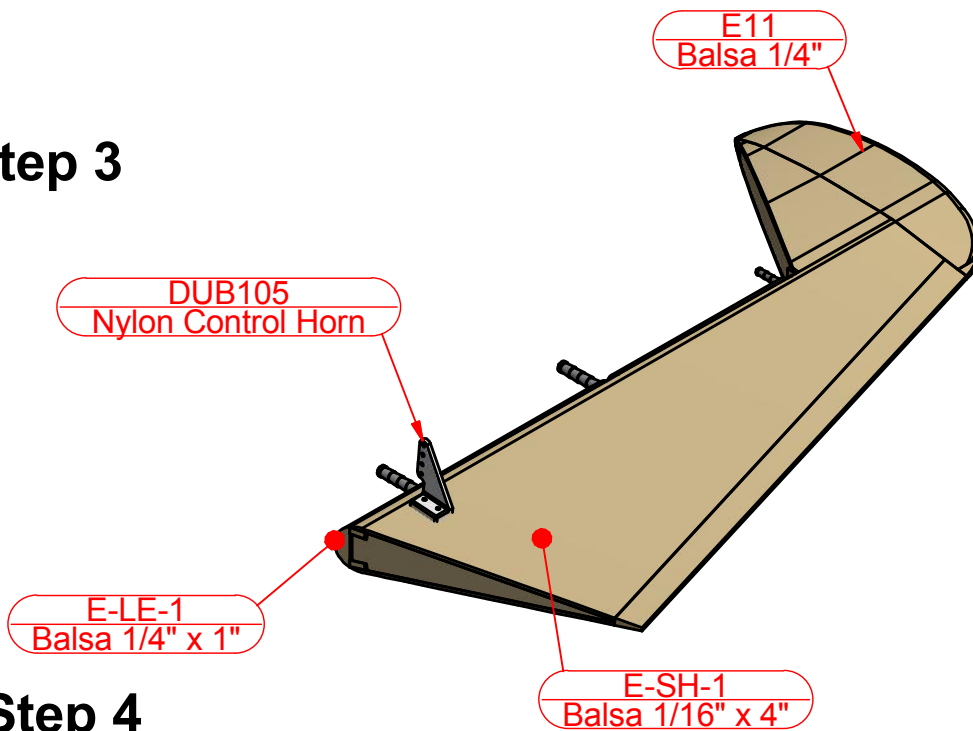


Elevator

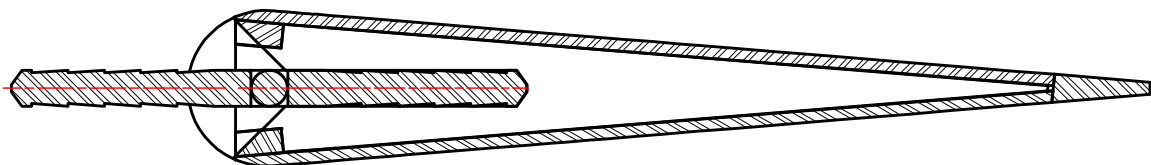
Step 2



Step 3



Step 4

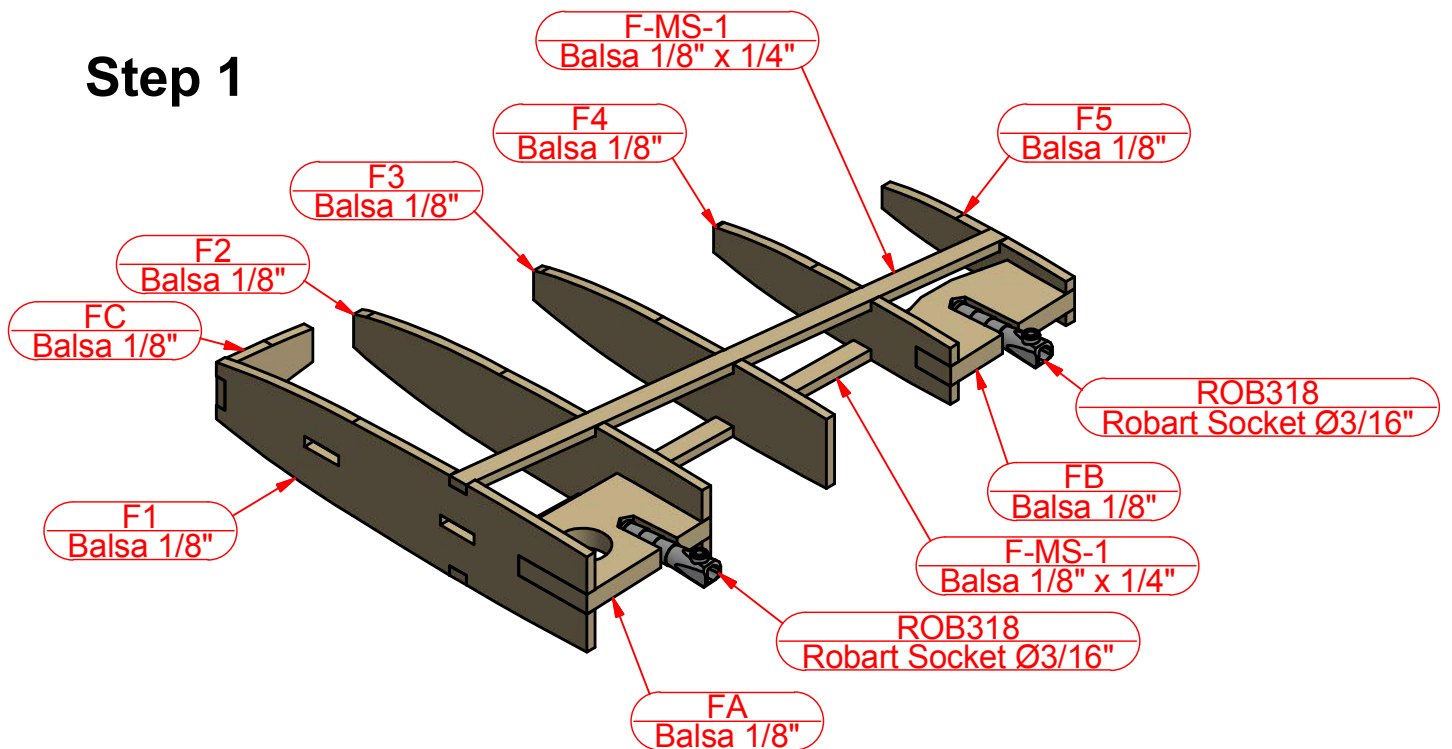




Vertical Stab.

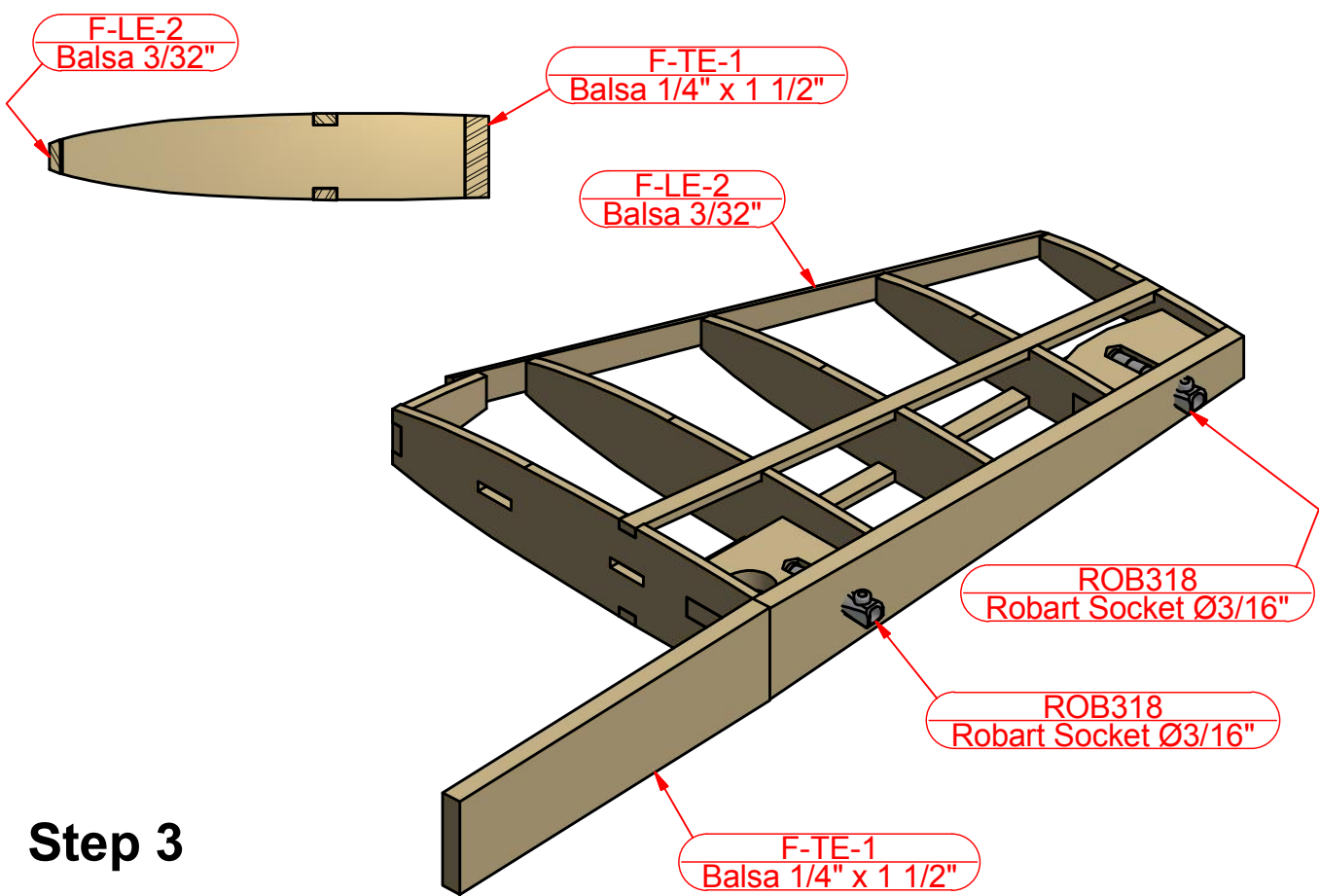
Parts listing (For 1 ass'y)		
Part number	Description	Qty
F-LE-1	Balsa 1/4" x 1/2"	1
F-LE-2	Balsa 3/32"	1
F-MS-1	Balsa 1/8" x 1/4"	2
F-SH-1	Balsa 1/16" x 4"	2
F-TE-1	Balsa 1/4" x 1 1/2"	1
F1	Balsa 1/8"	1
F2	Balsa 1/8"	1
F3	Balsa 1/8"	1
F4	Balsa 1/8"	1
F5	Balsa 1/8"	1
FA	Balsa 1/8"	1
FB	Balsa 1/8"	1
FC	Balsa 1/8"	1
ROB318	Robart Socket Ø3/16"	2

Step 1

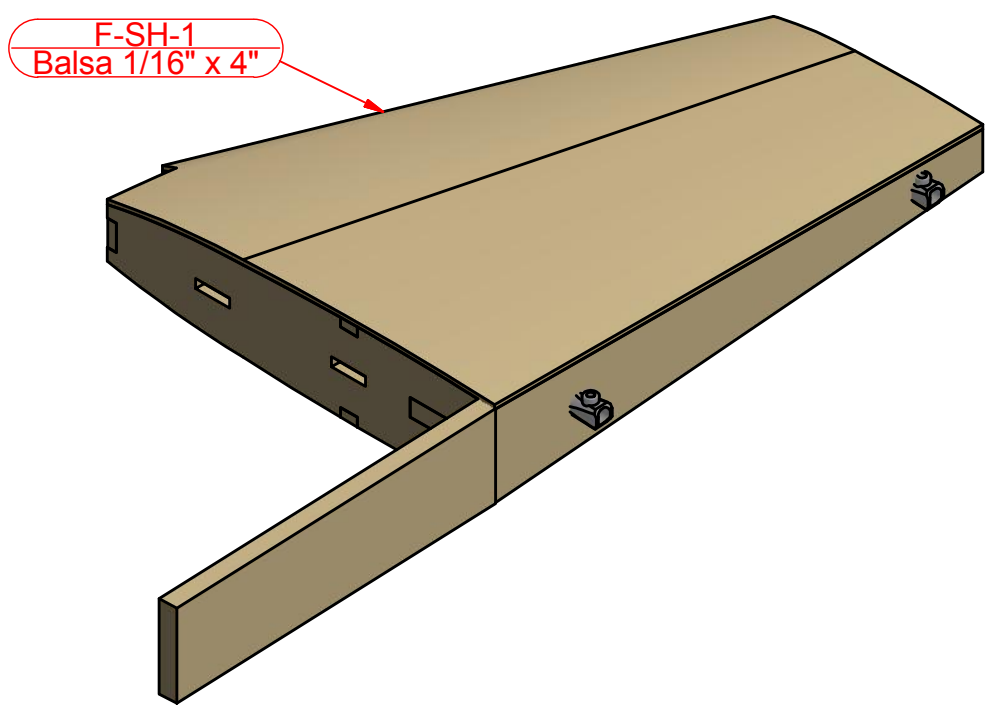


Vertical Stab.

Step 2

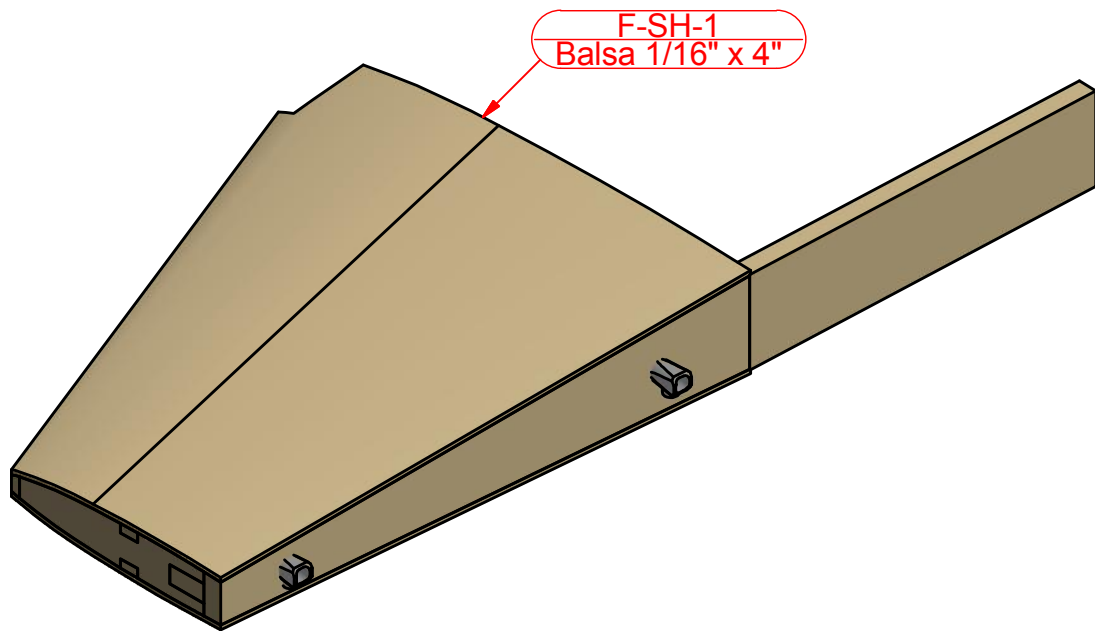


Step 3

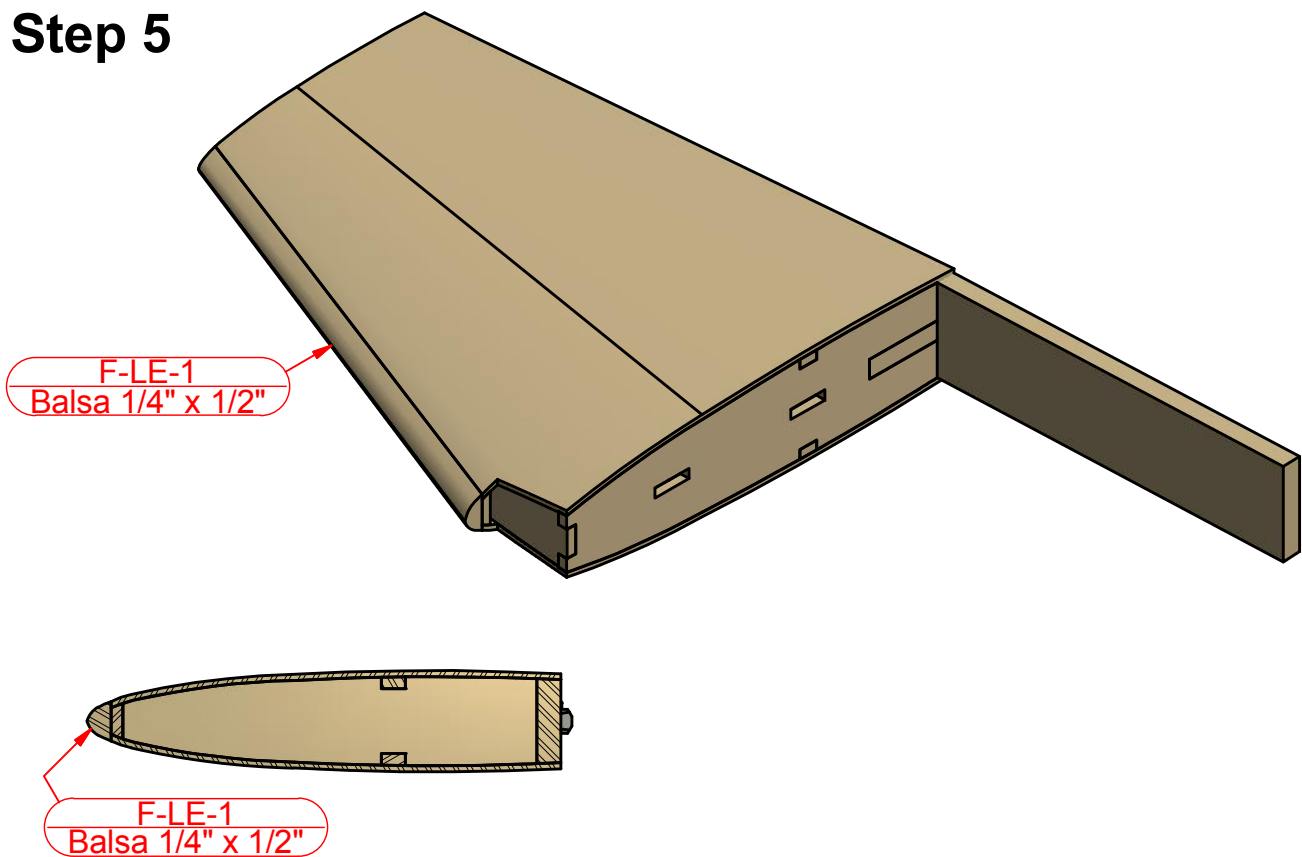


Vertical Stab.

Step 4



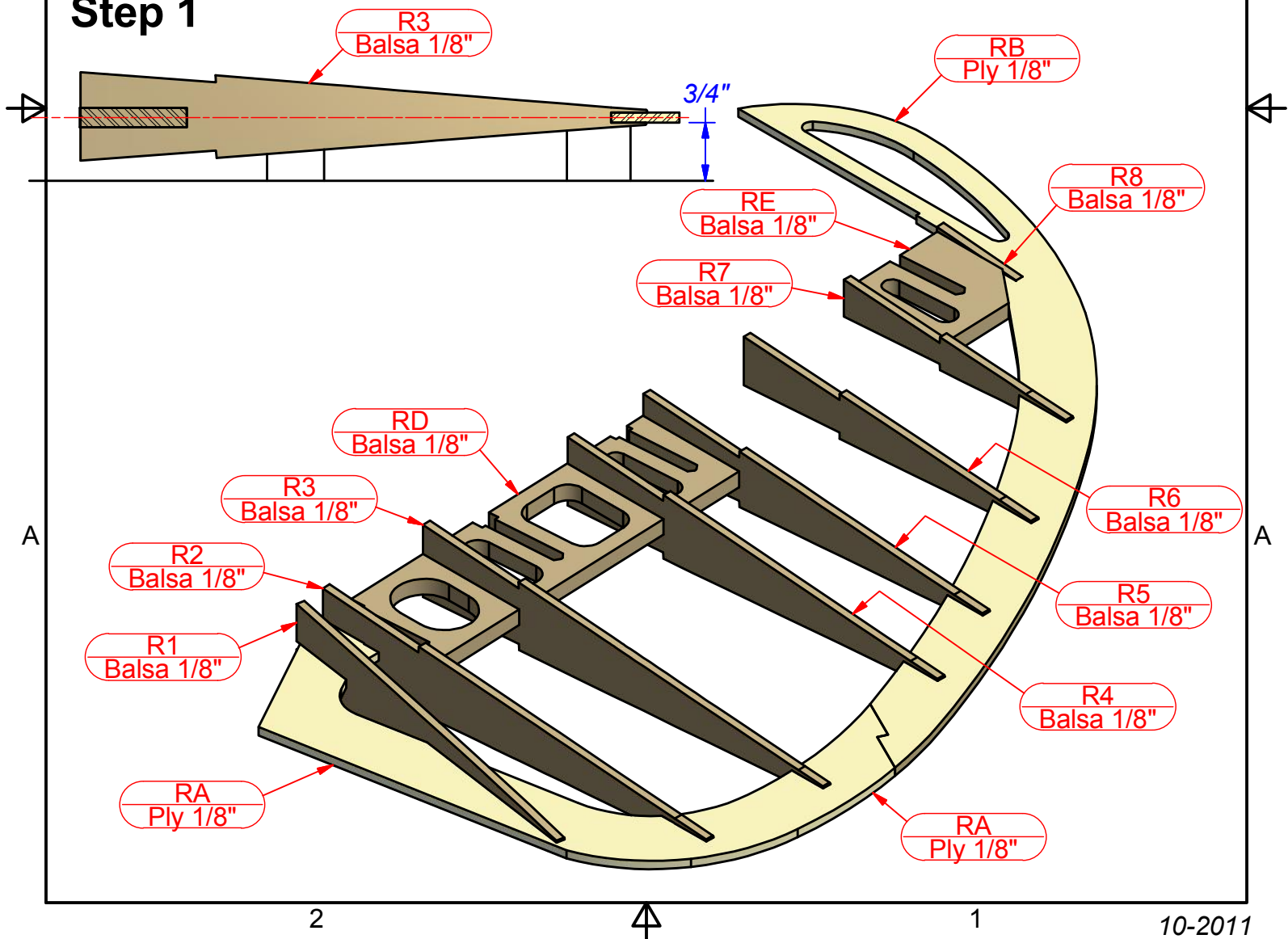
Step 5



Rudder

Parts listing (For 1 ass'y)			Parts listing (For 1 ass'y)		
Part number	Description	Qty	Part number	Description	Qty
DUB366	Nylon Control Horn	2	R3	Balsa 1/8"	1
R-BL-1	Balsa 1/4" x 1/2"	2	R4	Balsa 1/8"	1
R-LE-1A	Balsa 1/4" x 1 1/2"	1	R5	Balsa 1/8"	1
R-LE-2A	Balsa 1/4" x 1 1/2"	1	R6	Balsa 1/8"	1
R-LE-3	Balsa 1/4" x 1 1/2"	1	R7	Balsa 1/8"	1
R-SH-1	Balsa 3/32" x 3"	2	R8	Balsa 1/8"	1
R-SW-2	Balsa 3/32" x 3"	1	RA	Ply 1/8"	1
R-SW-3	Balsa 3/32" x 3"	1	RB	Ply 1/8"	1
R-SW-4	Balsa 3/32" x 3"	1	RC	Balsa 1/4"	2
R-SW-5	Balsa 3/32" x 3"	1	RD	Balsa 1/8"	1
R-SW-6	Balsa 3/32" x 3"	1	RE	Balsa 1/8"	1
R1	Balsa 1/8"	1	ROB312	Robart Hinge 3/16"	4
R2	Balsa 1/8"	1			

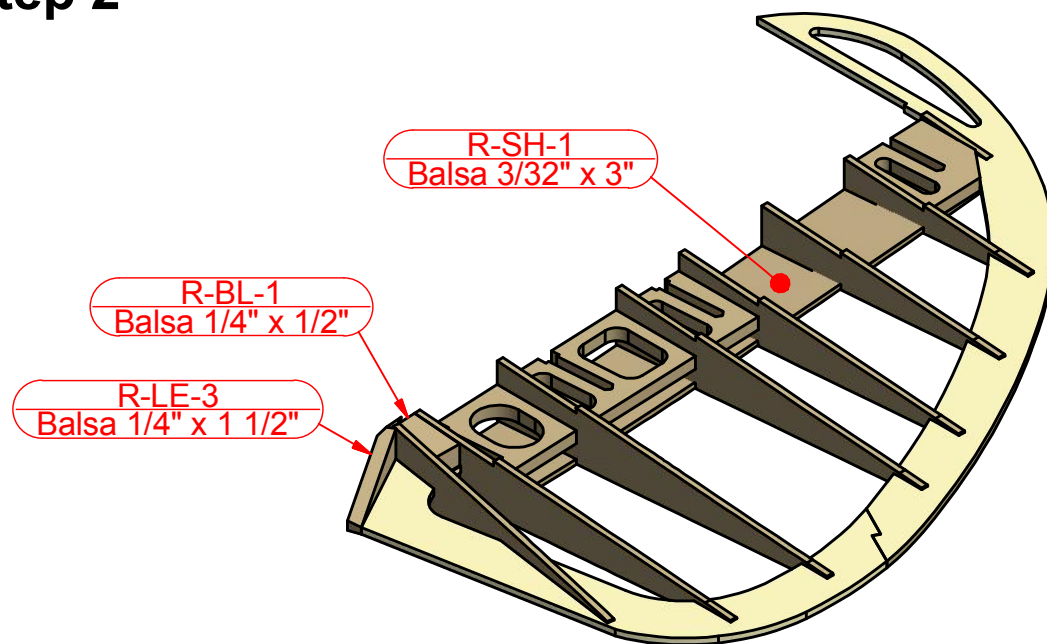
Step 1



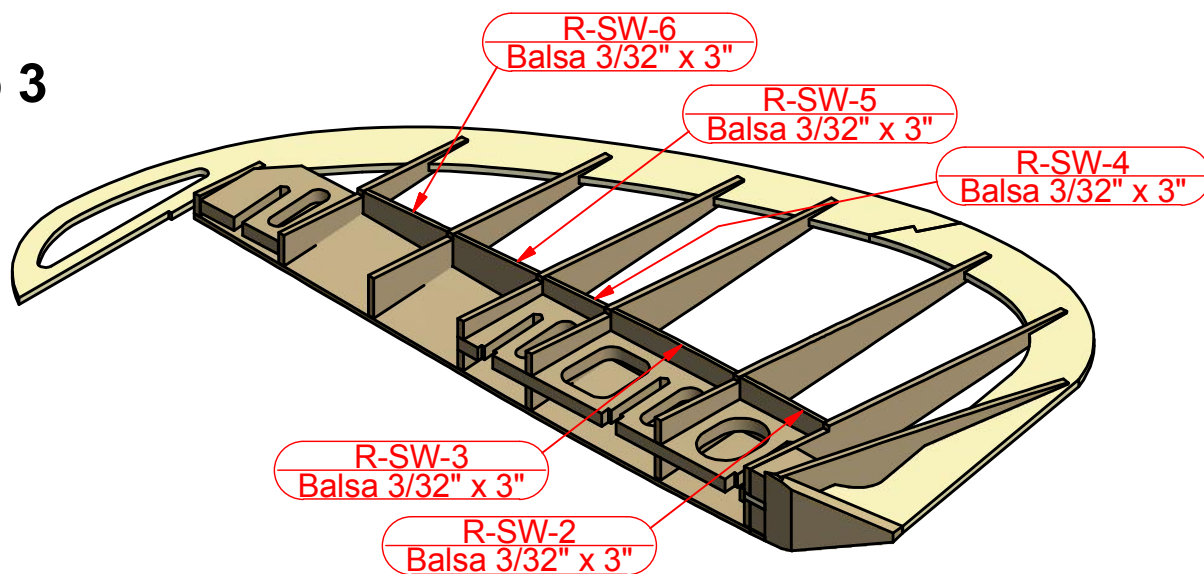


Rudder

Step 2

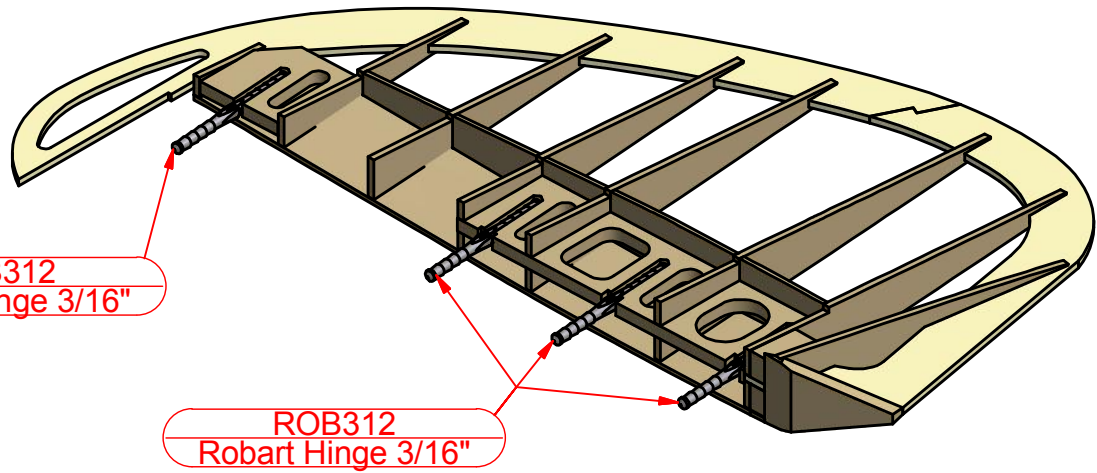


Step 3

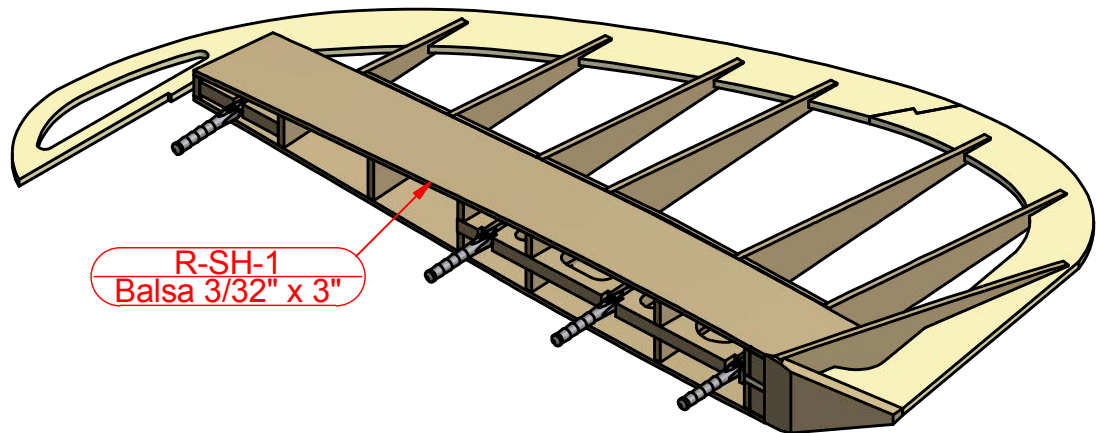


Rudder

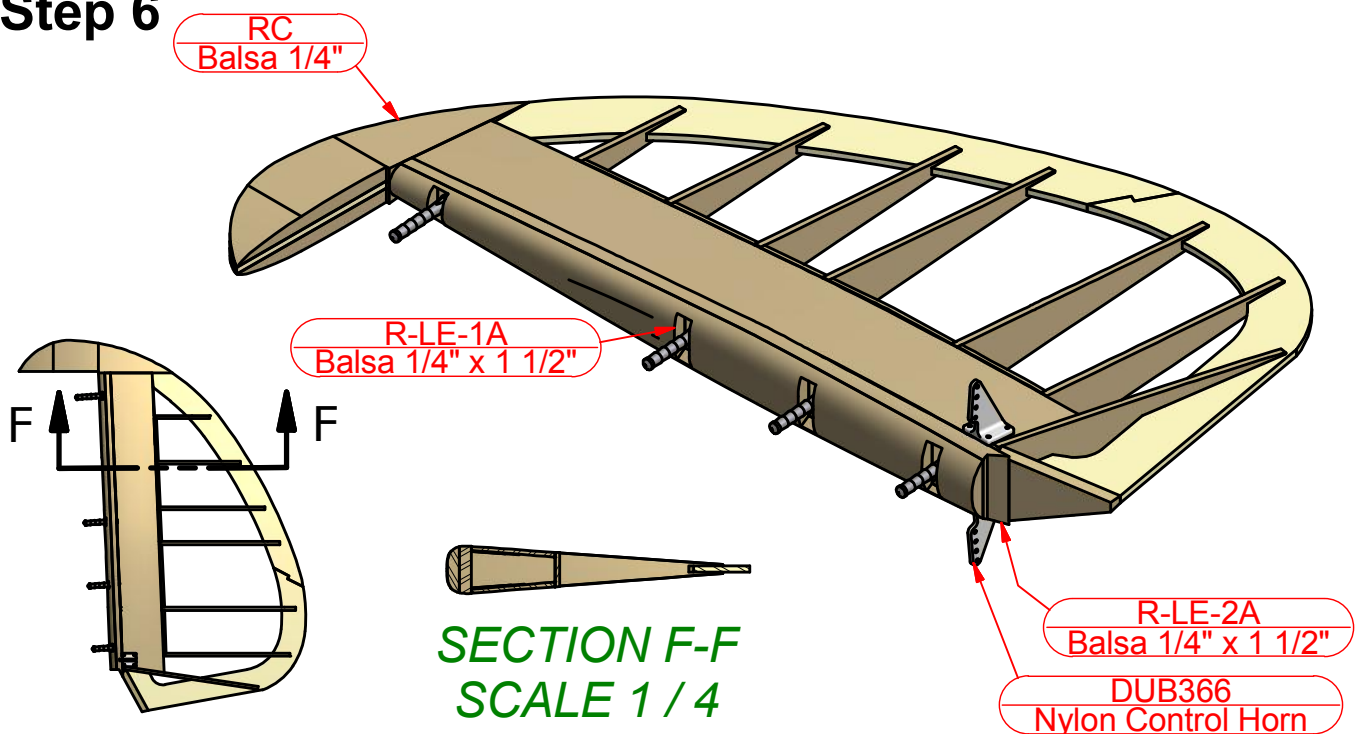
Step 4



Step 5



Step 6





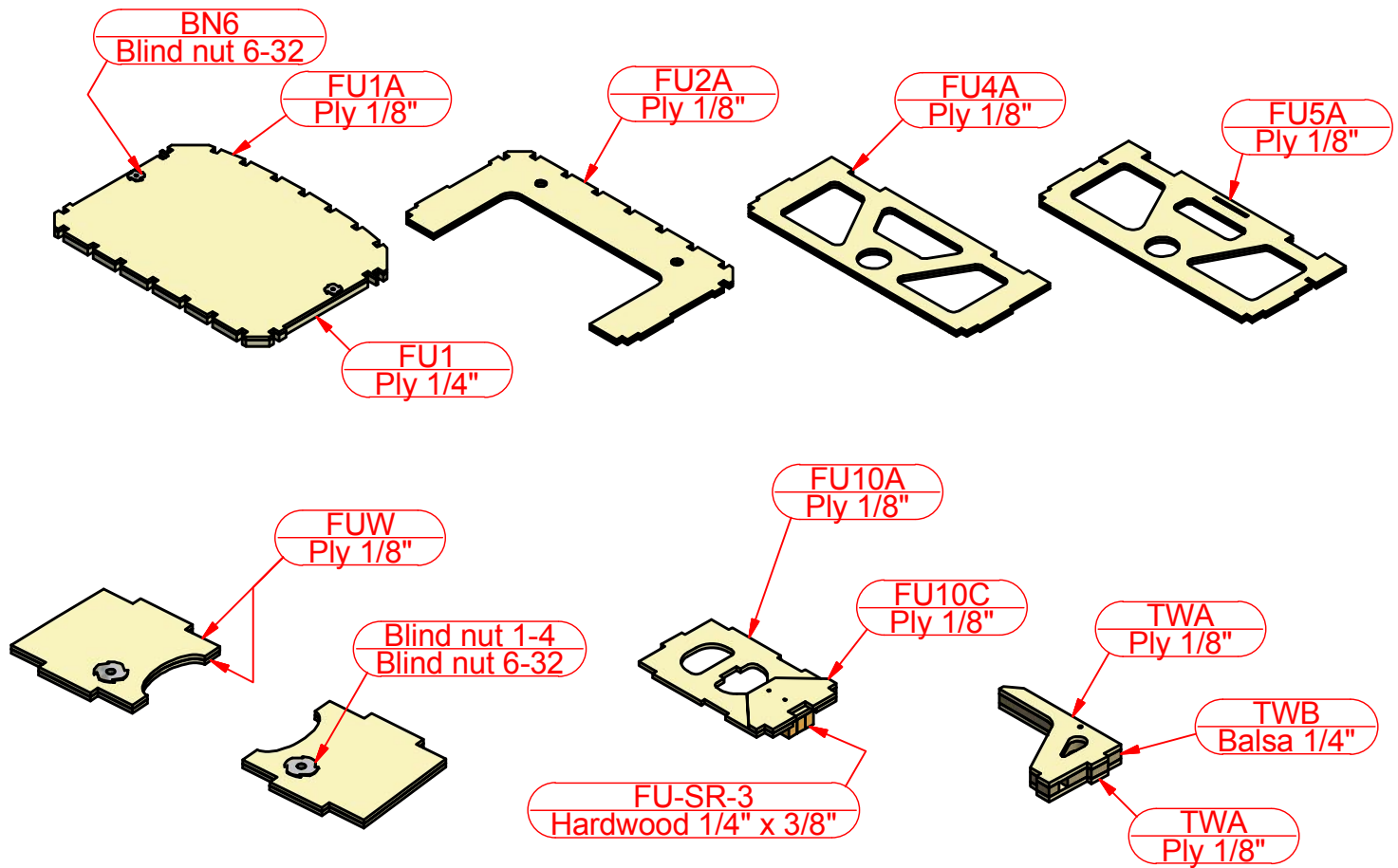
Fuselage

Parts listing (For 1 ass'y)			Parts listing (For 1 ass'y)		
Part number	Description	Qty	Part number	Description	Qty
BN6	Blind nut 6-32	2	FU-TD-8	Balsa 1/4" x 1/4"	1
Blind nut 1-4	Blind nut 6-32	2	FU1	Ply 1/4"	1
DUB172	2-56 Threaded rod	2	FU10A	Ply 1/8"	1
DUB212	Threaded coupler	2	FU10C	Ply 1/8"	1
B DUB518	4-40 Push-pull system	1	FU11A	Ply 1/8"	1
DUB860	Swivel ball link	4	FU12	Ply 1/8"	1
FG-Cowl	Fiberglass cowl	1	FU13	Ply 1/8"	1
FU-DW-1	Wood dowel Ø1/4"	4	FU1A	Ply 1/8"	1
FU-SH-01	Balsa 3/32" x 4"	1	FU2A	Ply 1/8"	2
FU-SH-02	Balsa 3/32" x 3"	2	FU2B	Ply 1/8"	1
FU-SH-03	Balsa 3/32" x 4"	2	FU2C	Ply 1/8"	1
FU-SH-04	Balsa 3/32" x 3"	2	FU3A	Ply 1/8"	1
FU-SH-05	Balsa 3/32" x 3"	2	FU4A	Ply 1/8"	2
FU-SH-06	Balsa 3/32" x 4"	1	FU5A	Ply 1/8"	2
FU-SH-07	Balsa 3/32" x 4"	1	FU5B	Ply 1/8"	1
FU-SH-08	Balsa 3/32" x 4"	1	FU5C	Ply 1/8"	1
FU-SH-09	Balsa 3/32" x 4"	1	FU5D	Ply 1/8"	1
→ FU-SH-10	Balsa 3/32" x 4"	1	FU6A	Ply 1/8"	1
FU-SH-11	Balsa 3/32" x 4"	1	FU6B	Ply 1/8"	1
FU-SH-12	Balsa 3/32" x 4"	1	FU7A	Ply 1/8"	1
FU-SH-13	Balsa 3/32" x 4"	1	FU7B	Ply 1/8"	1
FU-SH-14	Balsa 3/32" x 4"	1	FU8A	Ply 1/8"	1
FU-SH-15	Balsa 3/32" x 4"	1	FU8B	Ply 1/8"	1
FU-SH-16	Balsa 3/32" x 3"	2	FU9A	Ply 1/8"	1
FU-SR-1	Hardwood 1/4" x 3/8"	2	FU9B	Ply 1/8"	1
FU-SR-2	Hardwood 1/4" x 1/2"	1	FUA	Balsa 1/4"	2
FU-SR-3	Hardwood 1/4" x 3/8"	3	FUC	Ply 1/8"	1
FU-SR-4	Hardwood 1/4" x 1/2"	1	FUS1	Ply 1/8"	2
FU-TD-1	Balsa 1/4" x 1/4"	1	FUS2	Ply 1/8"	2
FU-TD-10	Balsa 1/4" x 1/4"	9	FUTS1	Balsa 1/4"	1
A FU-TD-11	Balsa 1/4" x 1/4"	9	FUTS2	Balsa 1/4"	2
FU-TD-12	Balsa 1/4" x 2"	2	FUTS3	Balsa 1/8"	2
FU-TD-13	Balsa 1/4" x 1"	2	FUTS4	Ply 1/64"	2
FU-TD-15	Balsa 1/4" x 1/4"	2	FUW	Ply 1/8"	4
FU-TD-16	Hardwood 1/4" x 1/4"	2	Robart Hinge	Robart Hinge w/ socket	6
FU-TD-17	Balsa 1/4" x 1/4"	2	SH 6-32 x 1	SH 6-32 x 1" lg.	2
FU-TD-2	Balsa 1/4" x 1/4"	2	SS2-07	Servo Screw #2x7/16"	12
FU-TD-3	Balsa 1/4" x 1/4"	2	TWA	Ply 1/8"	2
FU-TD-4	Balsa 1/4" x 1/4"	2	TWB	Balsa 1/4"	1
FU-TD-5	Balsa 1/4" x 1/4"	2	Tail wheel	Tail wheel ass'y	1
FU-TD-7	Balsa 1/4" x 1/4"	2	canopy	Canopy	1

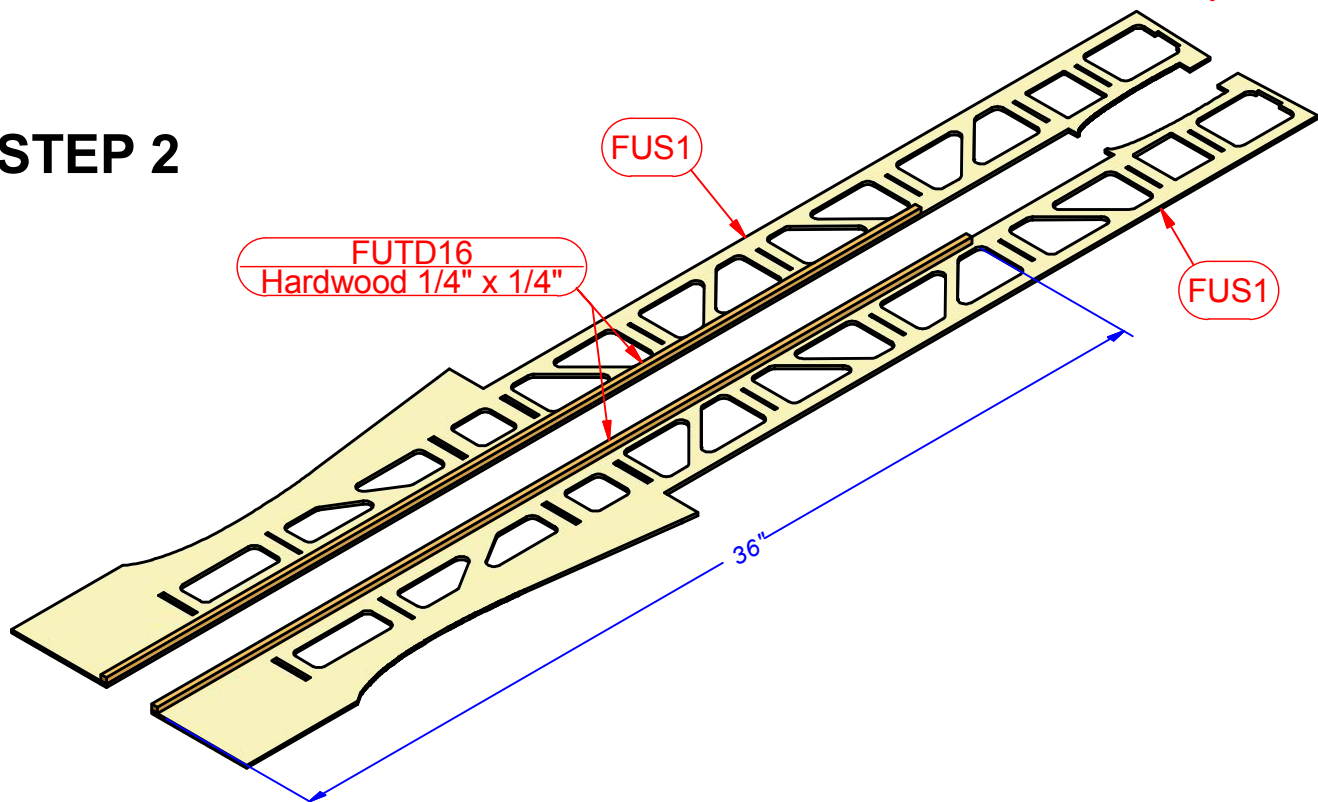


Fuselage

STEP 1

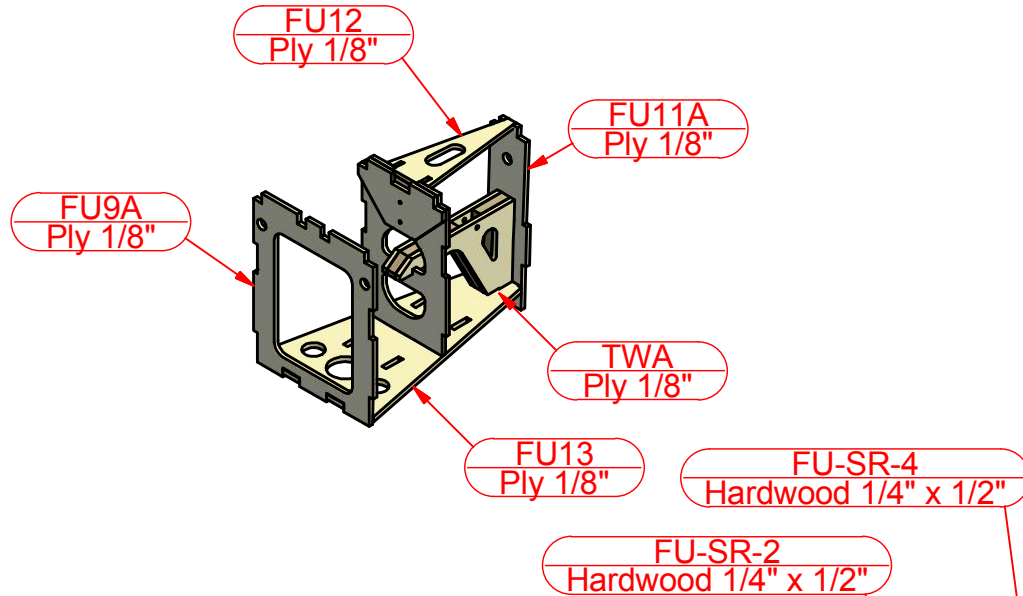


STEP 2

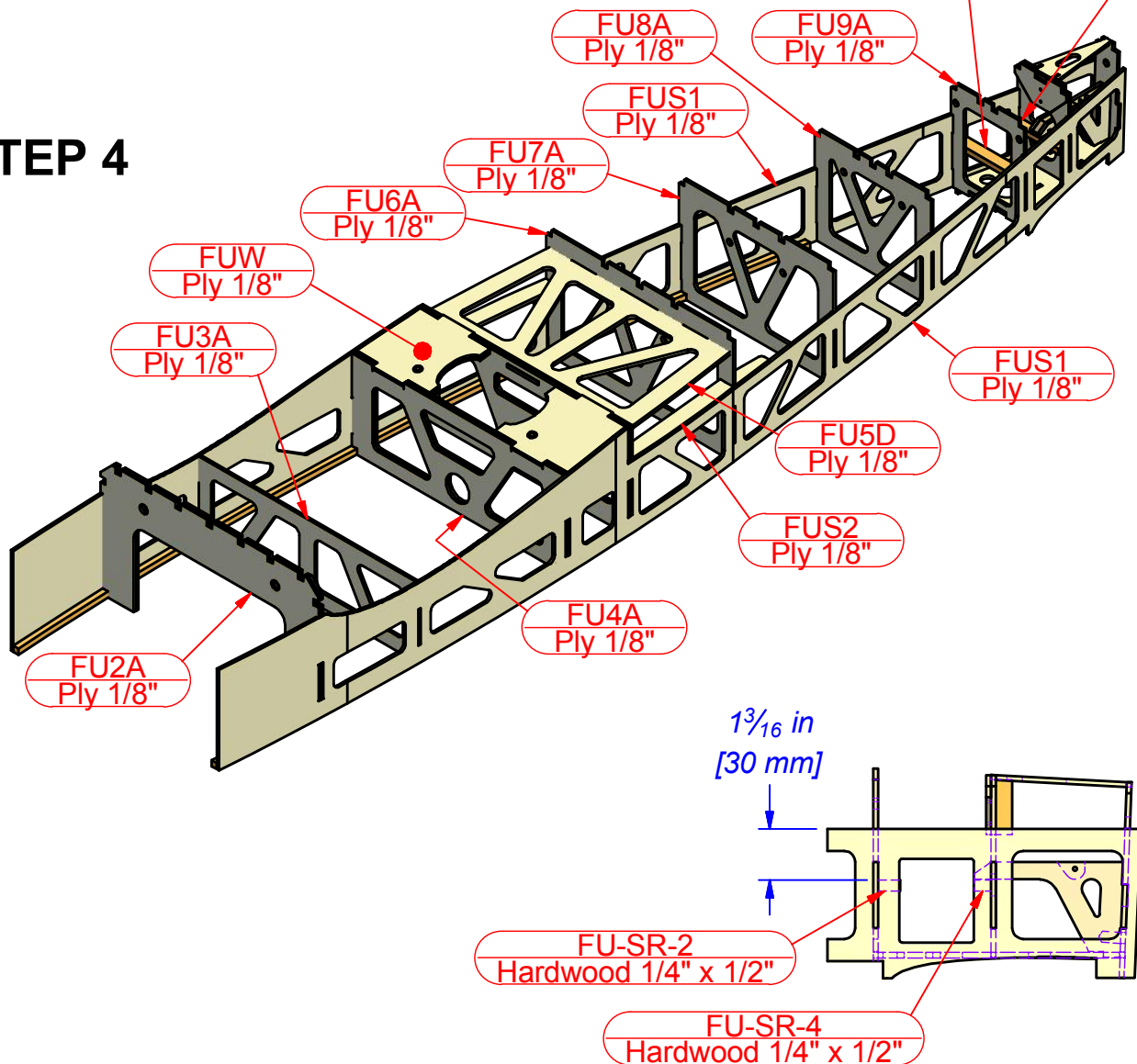


Fuselage

STEP 3

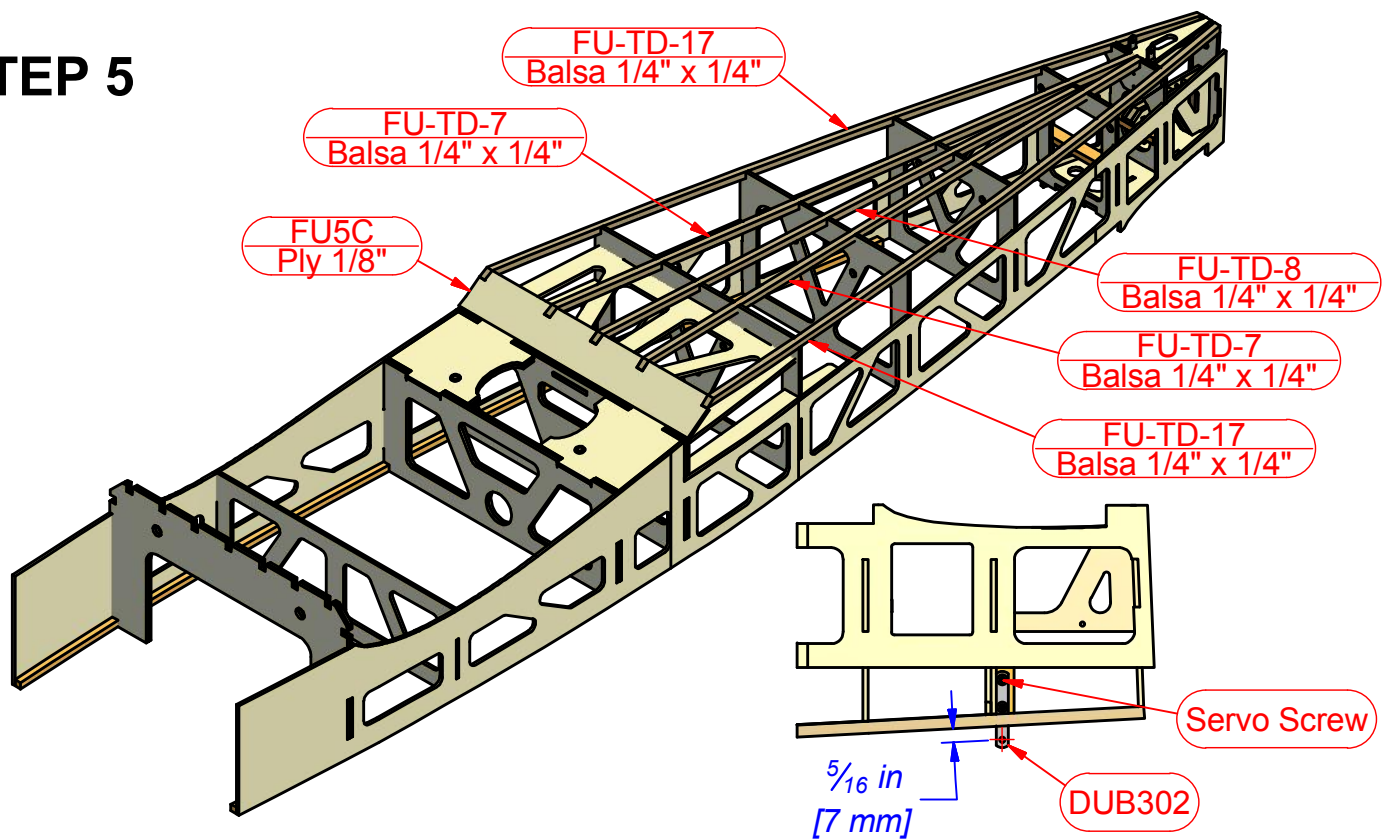


STEP 4

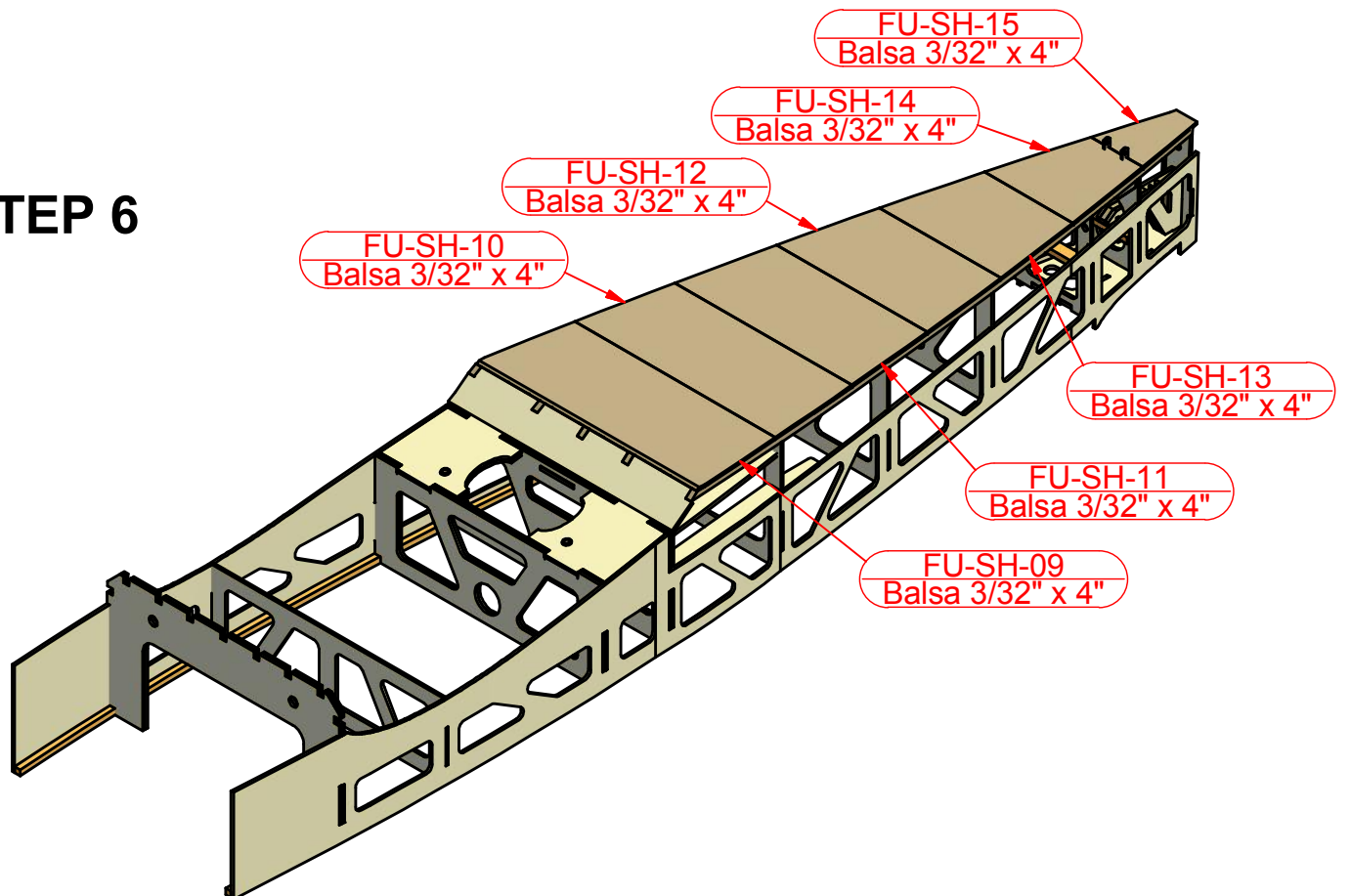


Fuselage

STEP 5

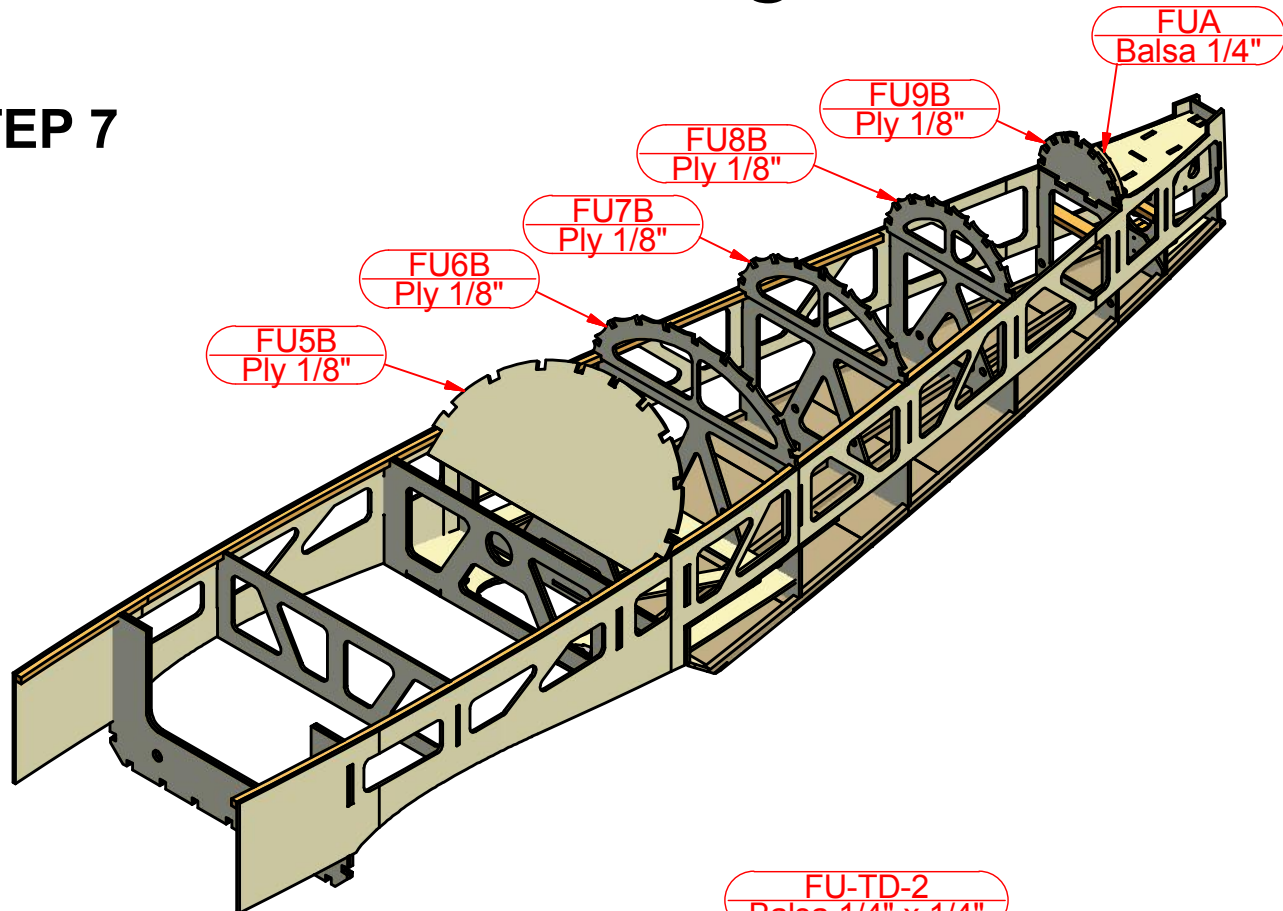


STEP 6

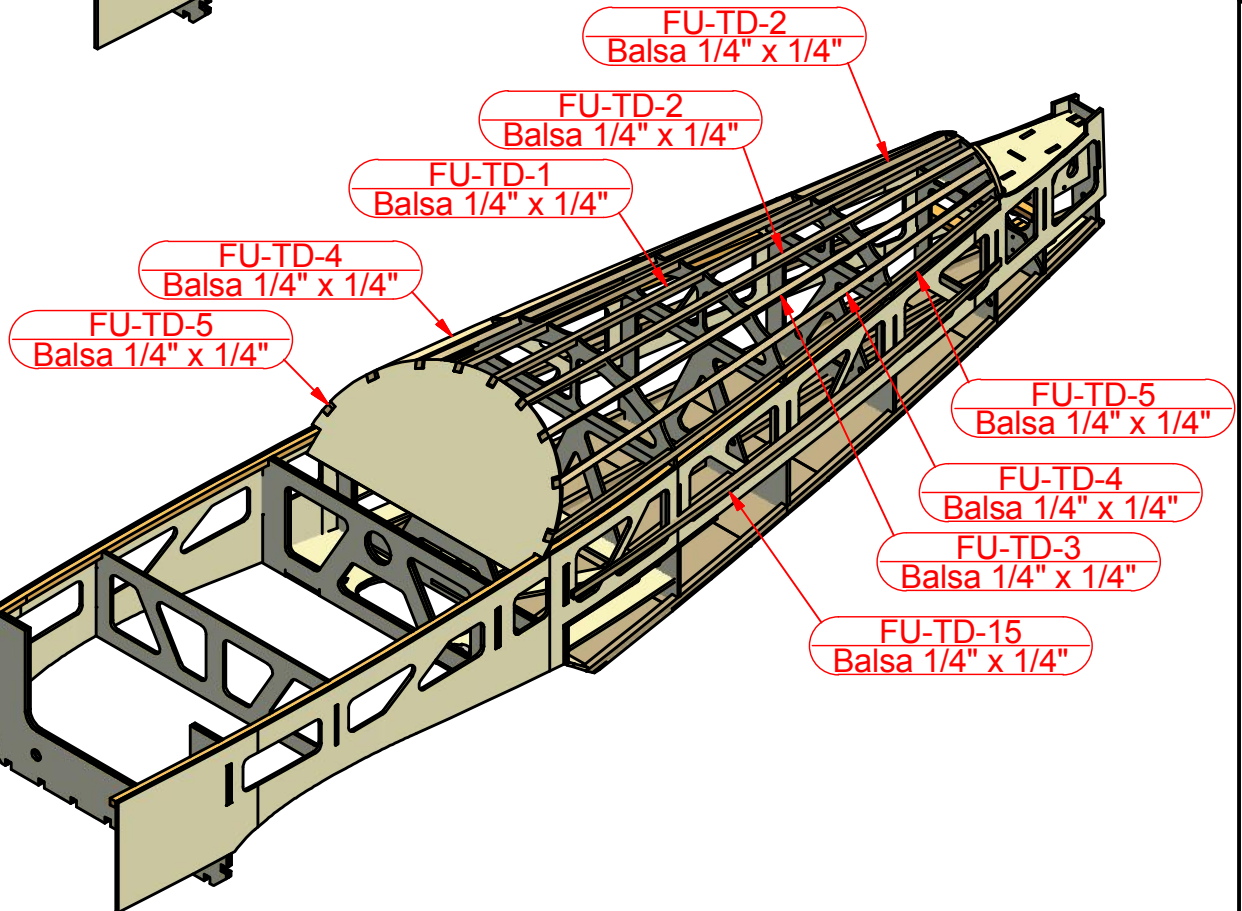


Fuselage

STEP 7

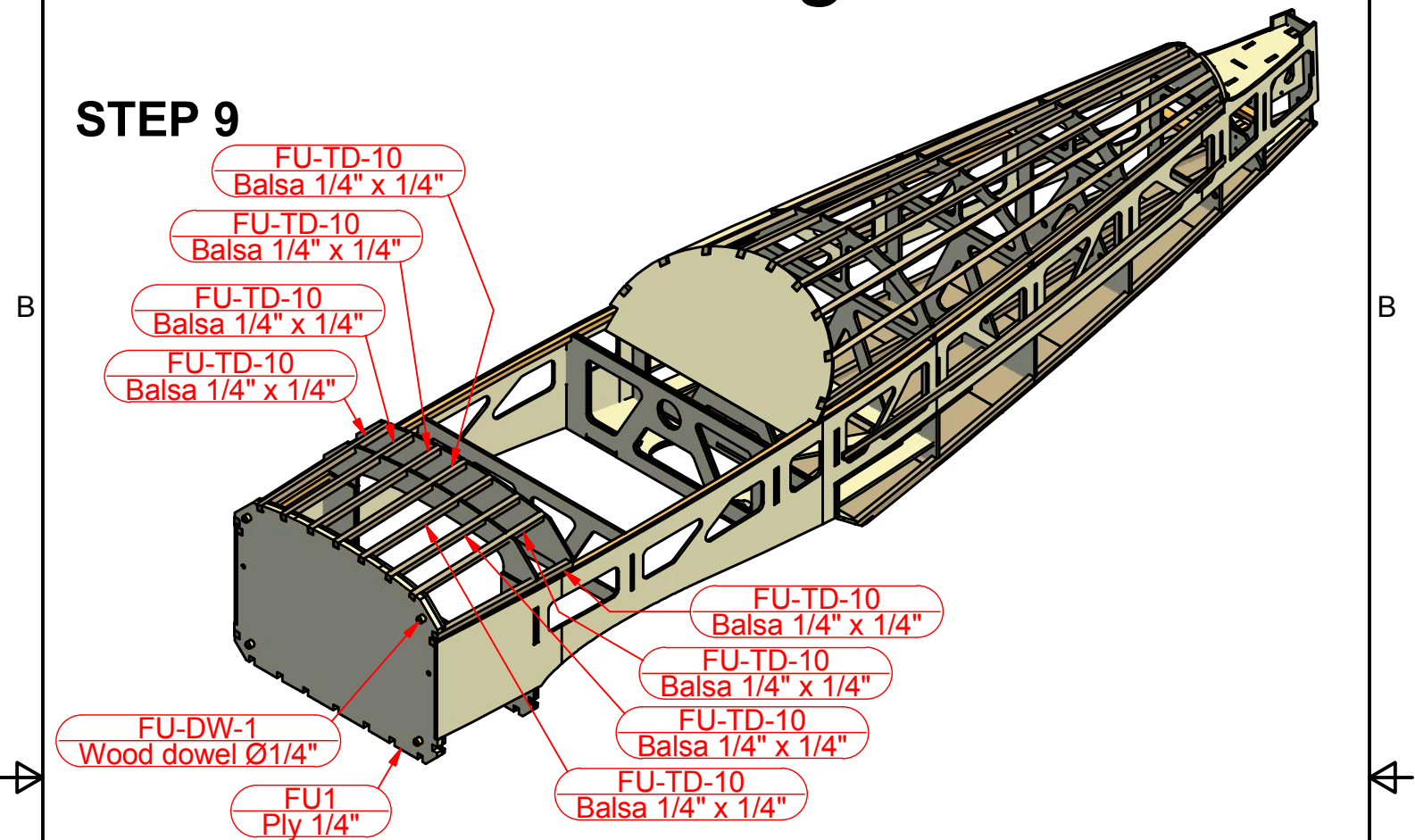


STEP 8

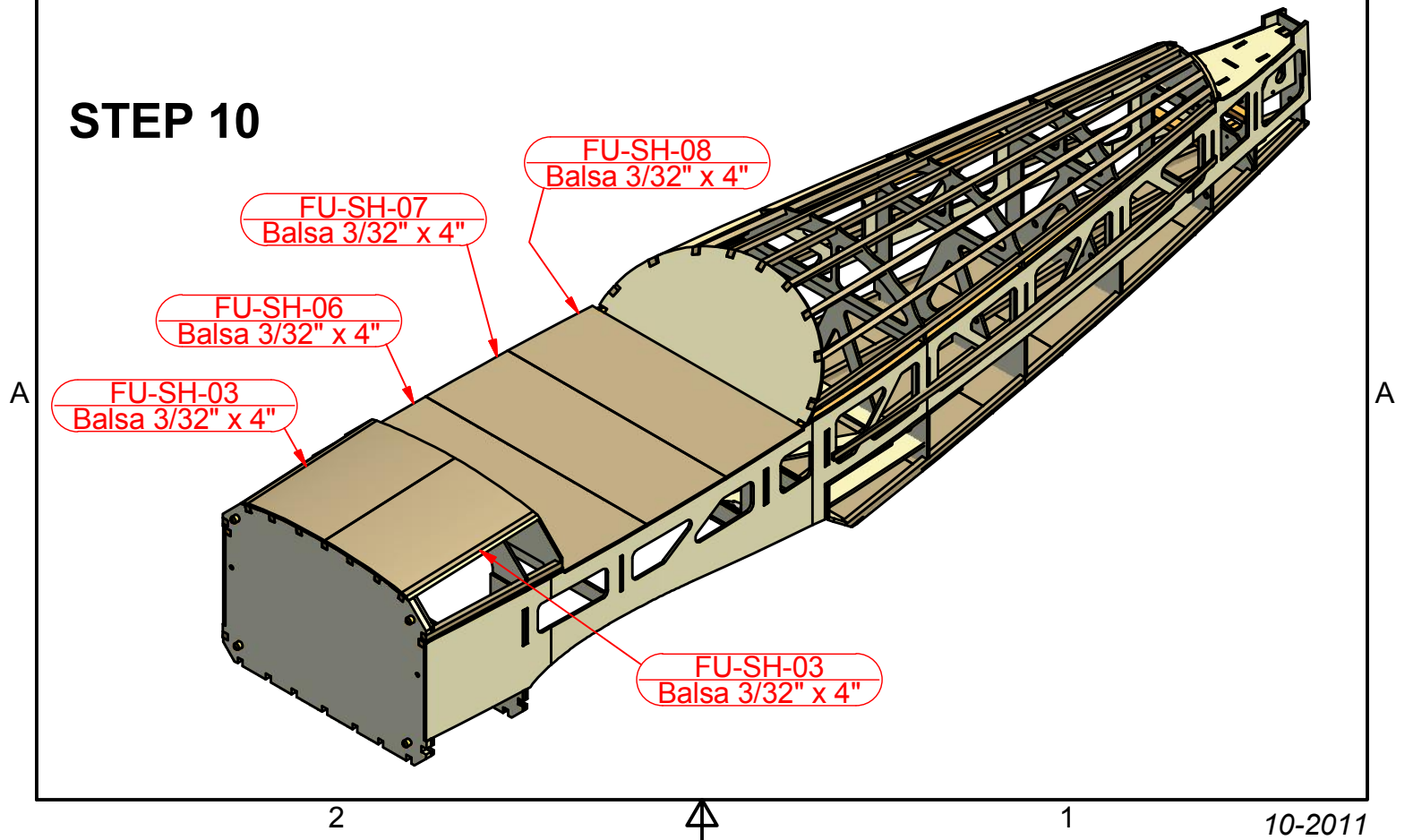


Fuselage

STEP 9



STEP 10



Fuselage

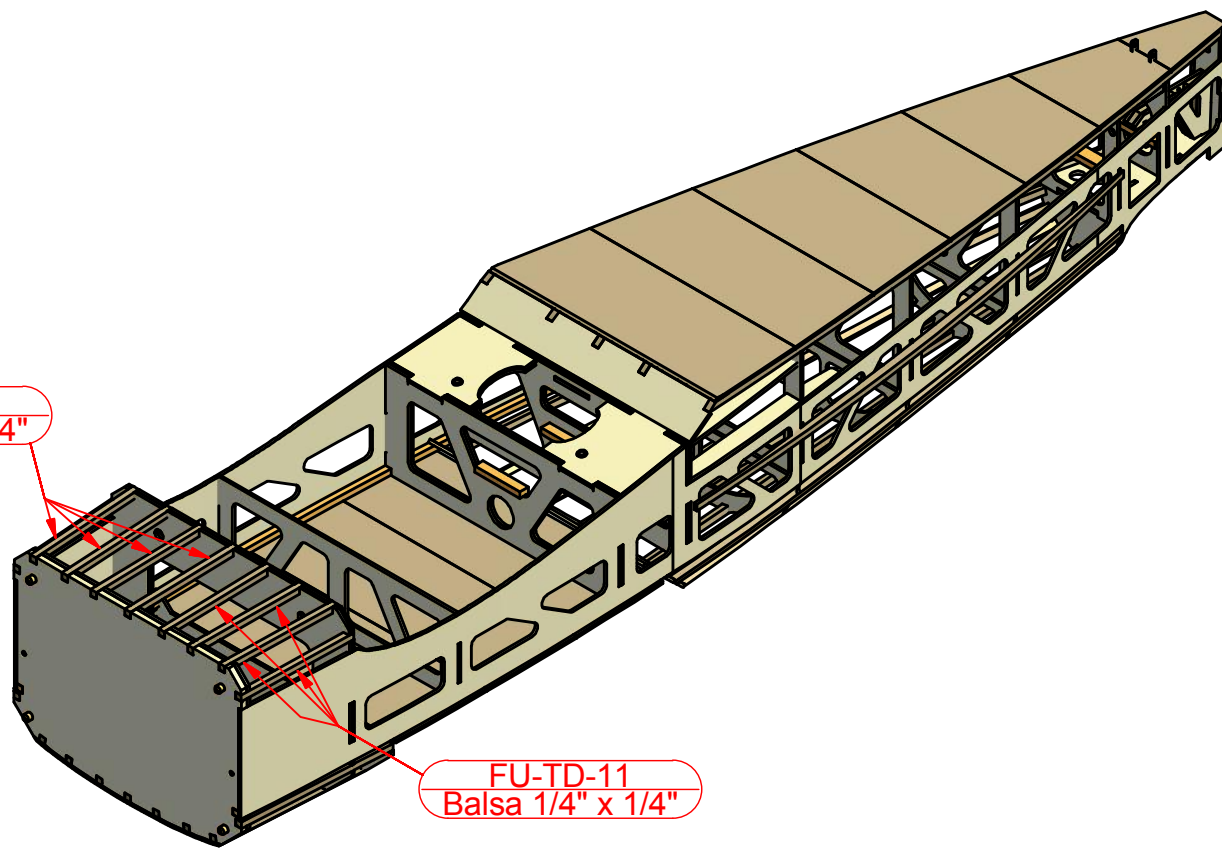
STEP 11

B

B

FU-TD-11
Balsa 1/4" x 1/4"

FU-TD-11
Balsa 1/4" x 1/4"



STEP 12

A

A

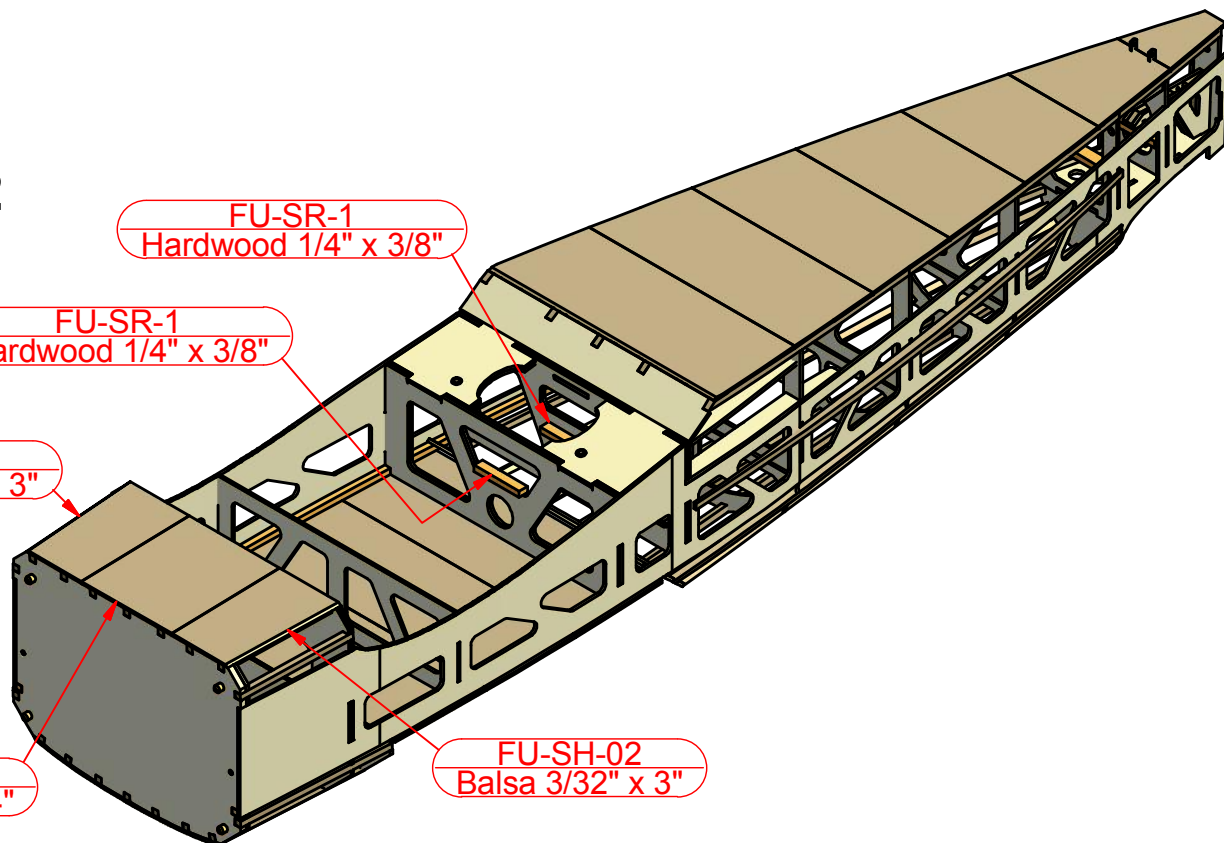
FU-SR-1
Hardwood 1/4" x 3/8"

FU-SR-1
Hardwood 1/4" x 3/8"

FU-SH-02
Balsa 3/32" x 3"

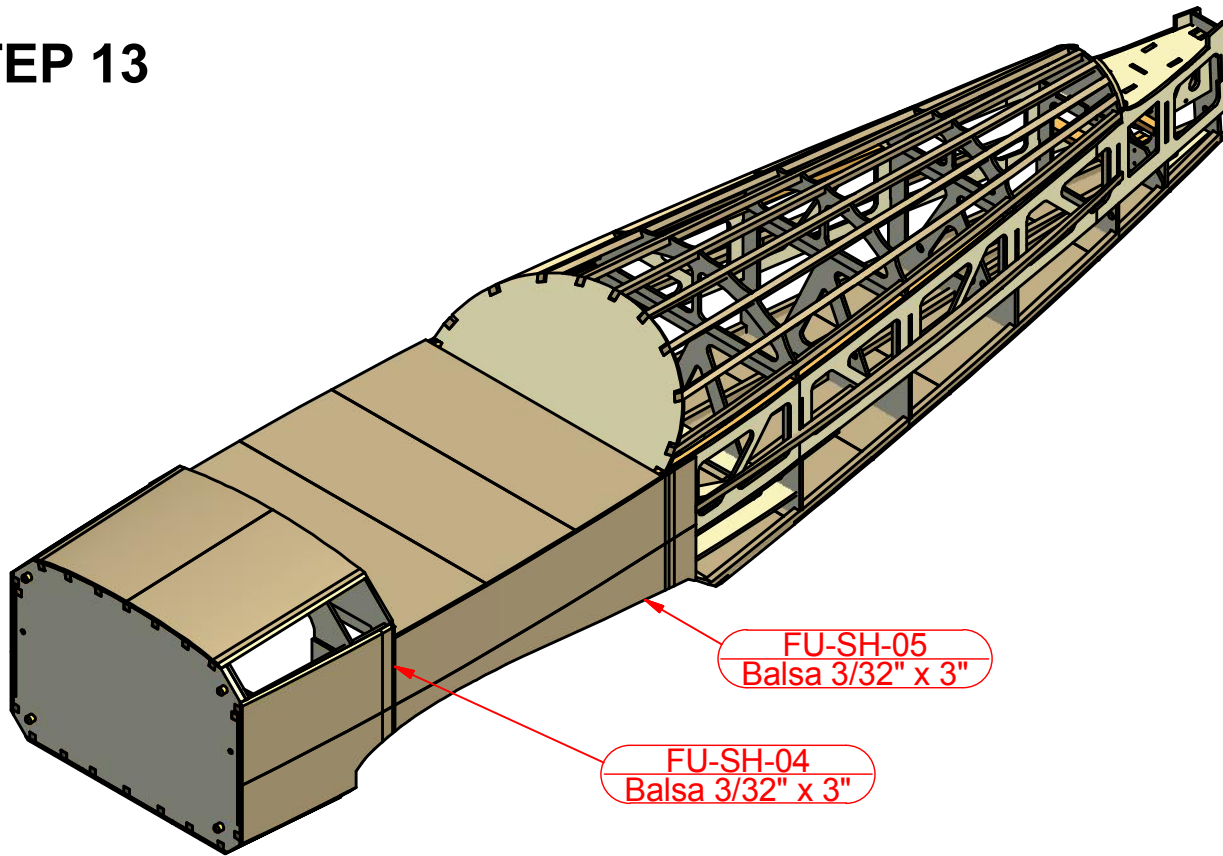
FU-SH-01
Balsa 3/32" x 4"

FU-SH-02
Balsa 3/32" x 3"

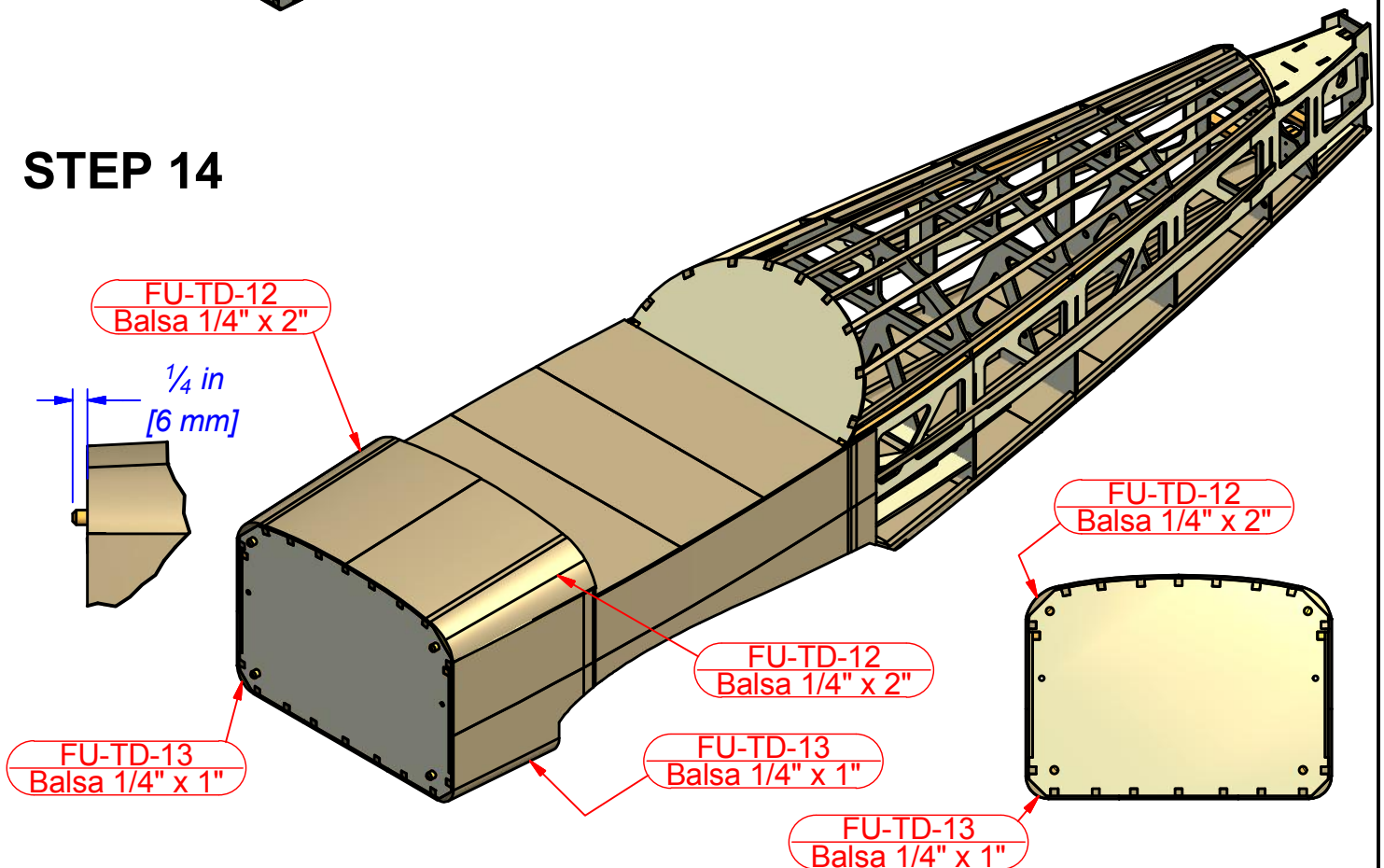


Fuselage

STEP 13

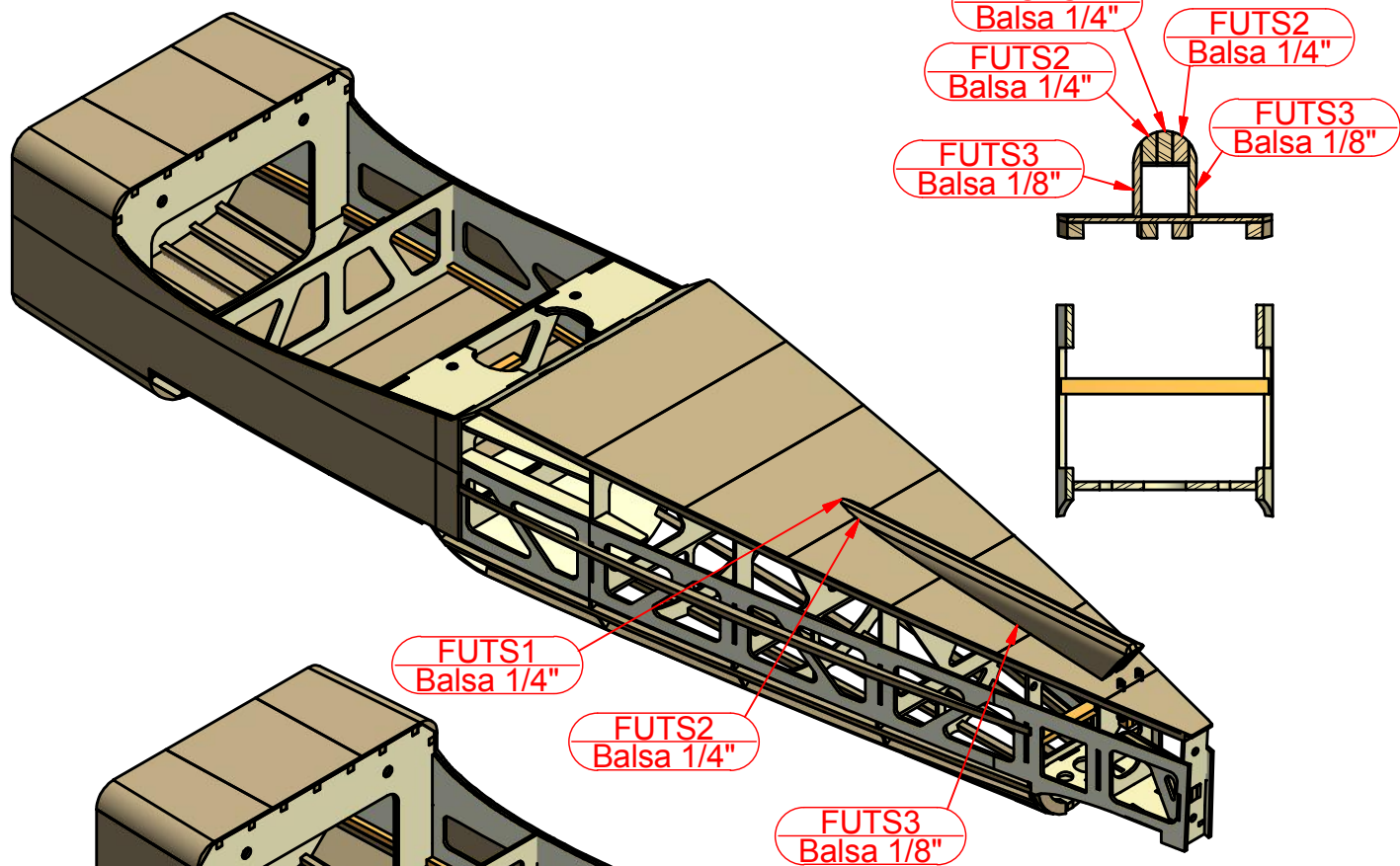


STEP 14

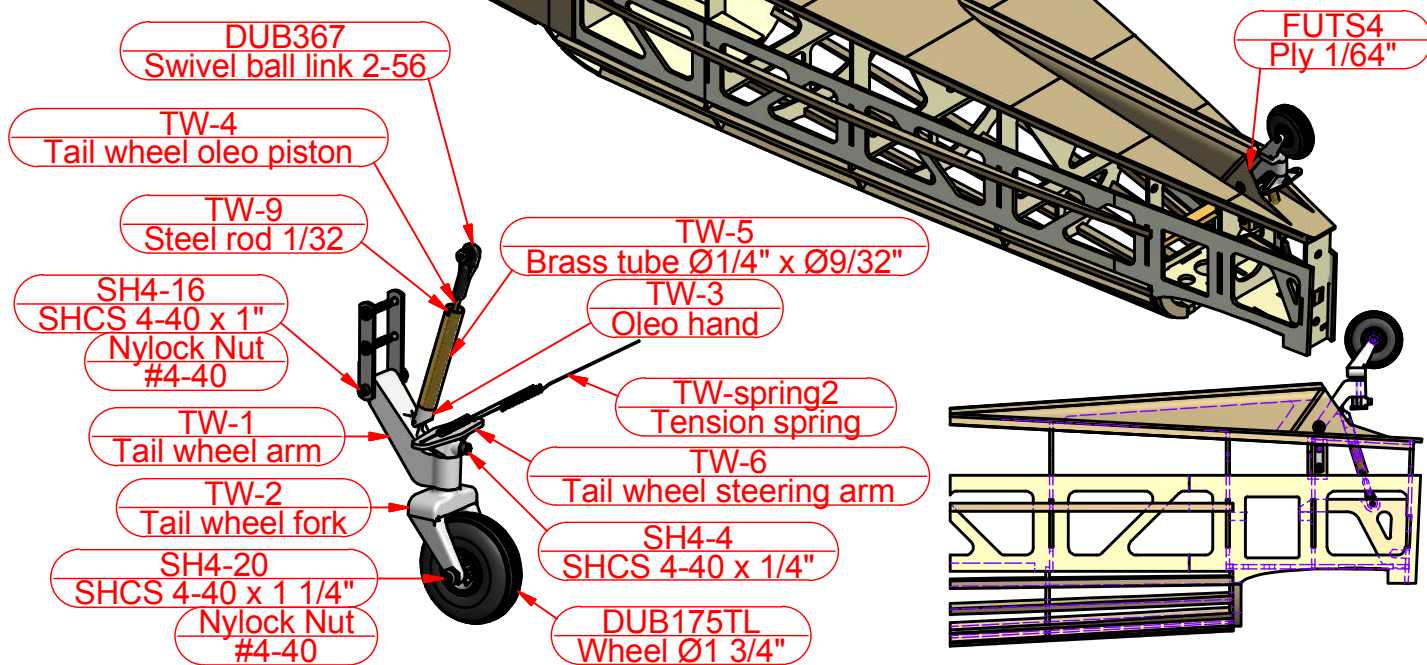


Fuselage

STEP 15



STEP 16



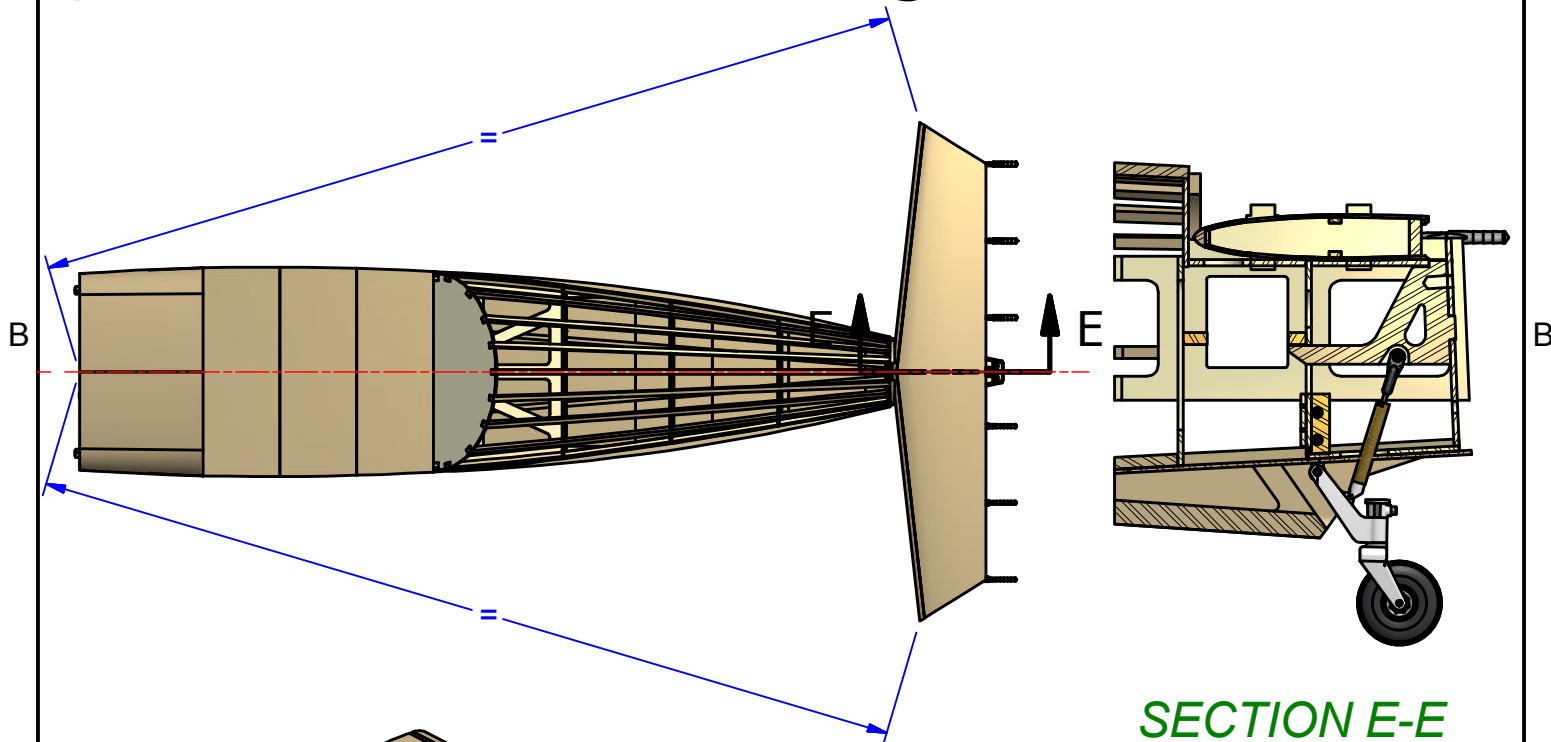
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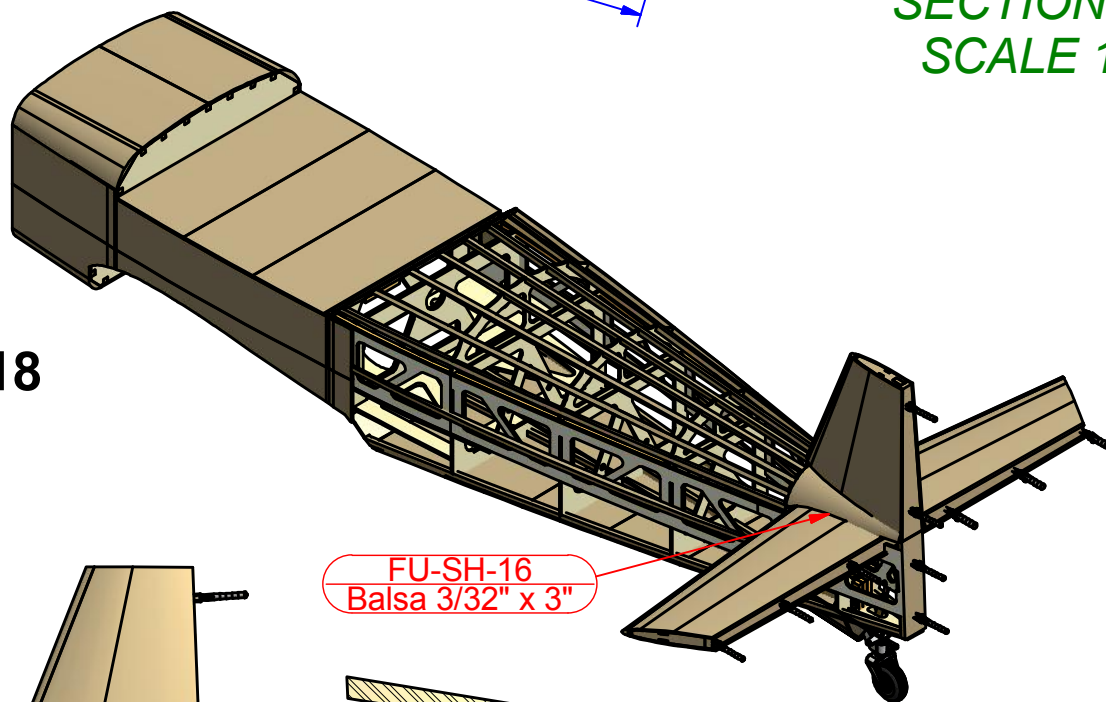
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STEP 17

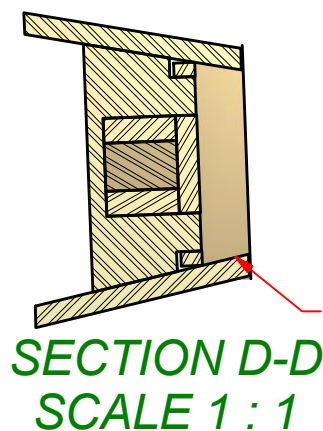
Fuselage



SECTION E-E
SCALE 1/4

STEP 18

FU-SH-16
Balsa 3/32" x 3"



Sand the fin to fit
between the fuselage side.

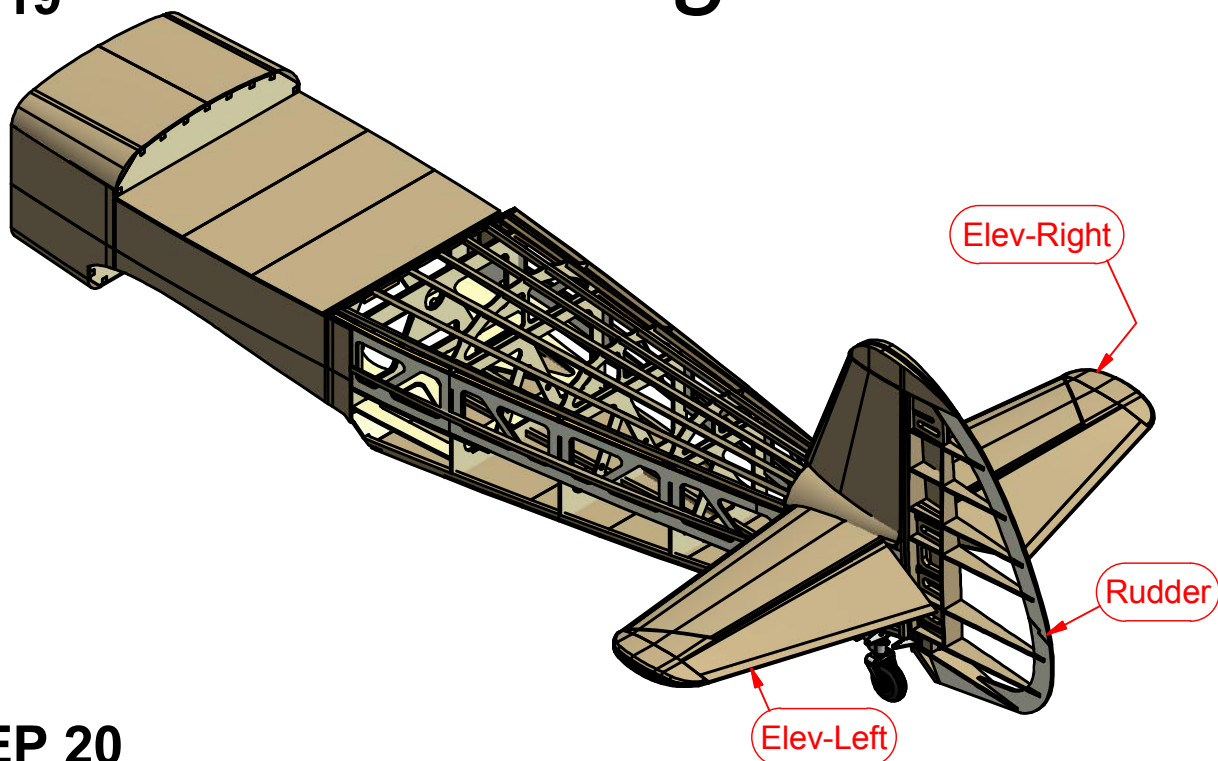
SECTION D-D
SCALE 1:1

2

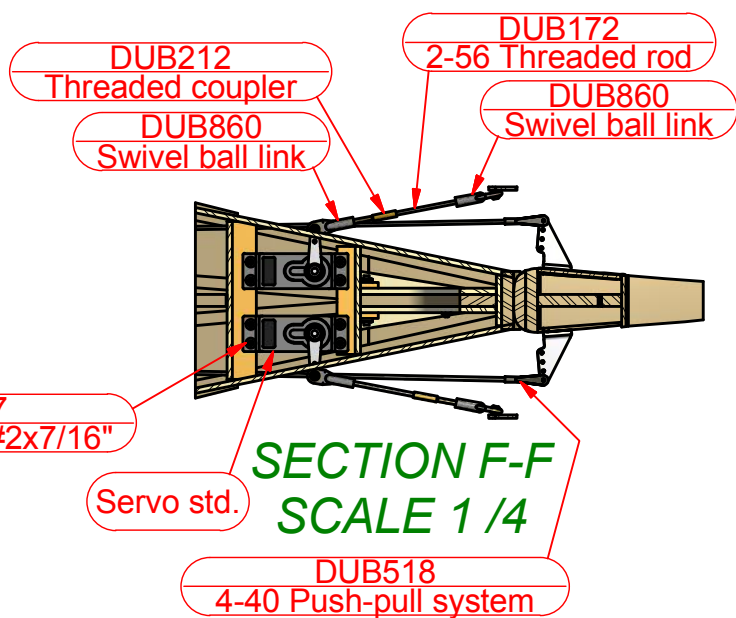
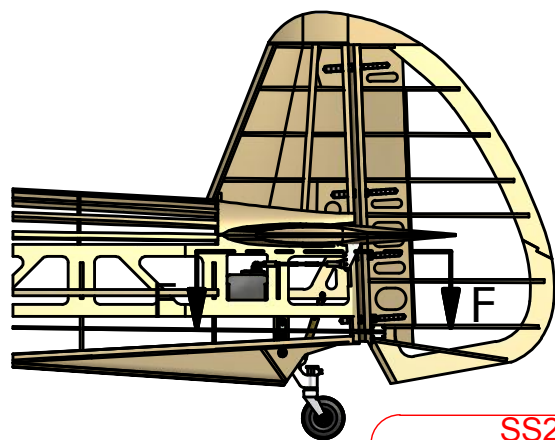


1

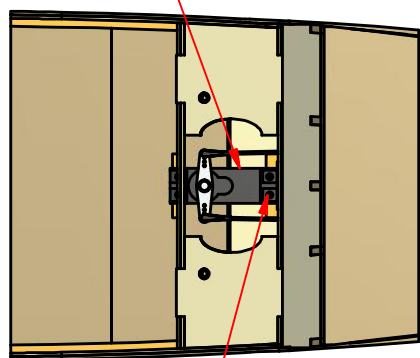
STEP 19

Fuselage

STEP 20



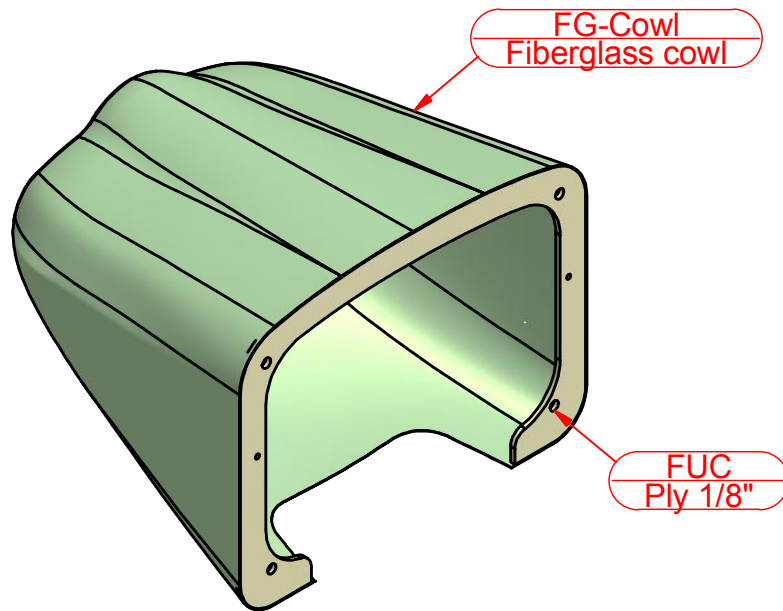
Servo
Servo 1/4 Scale



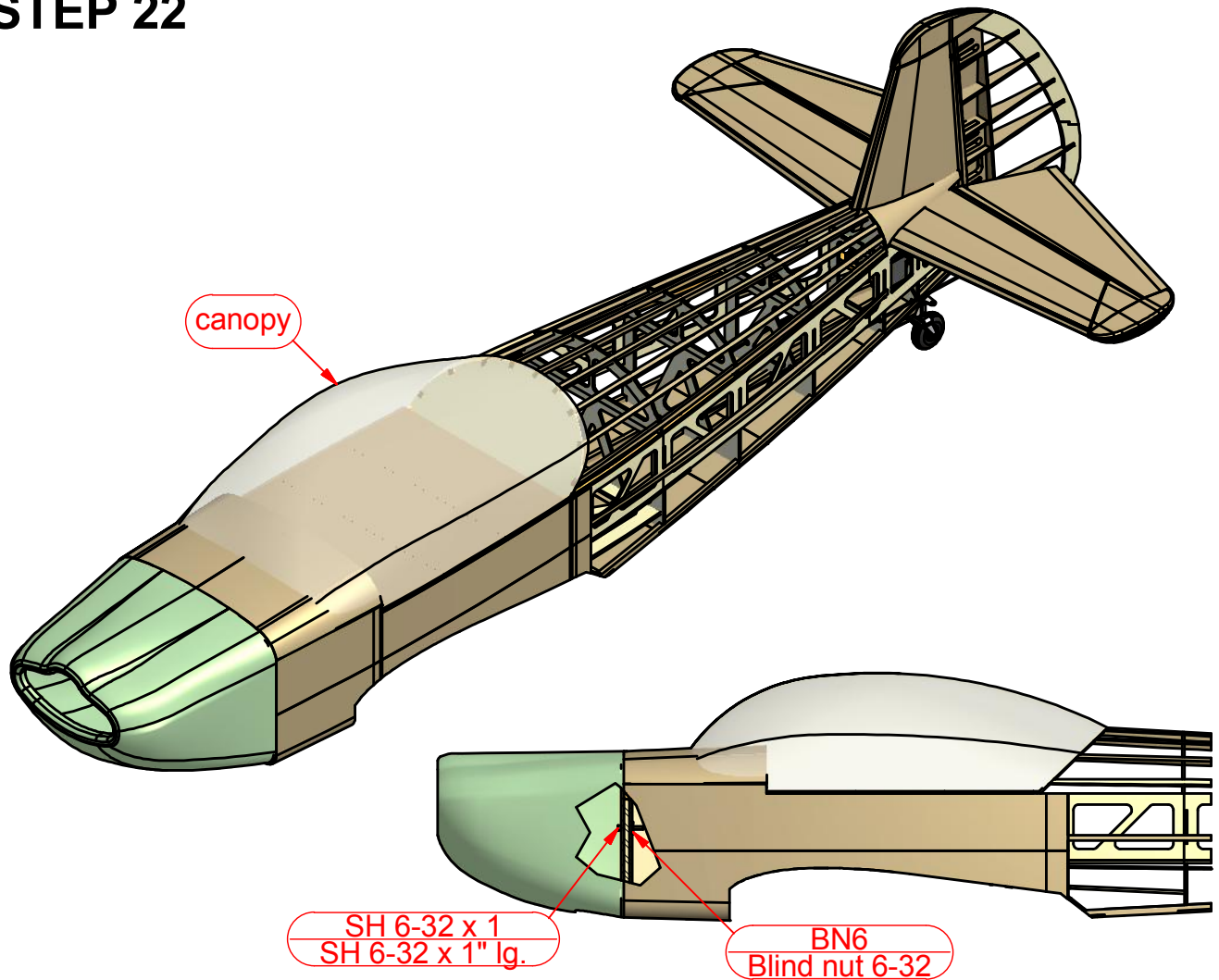
SS2-07
Servo Screw #2x7/16"

Fuselage

STEP 21



STEP 22



CAP 10b

Wing listing

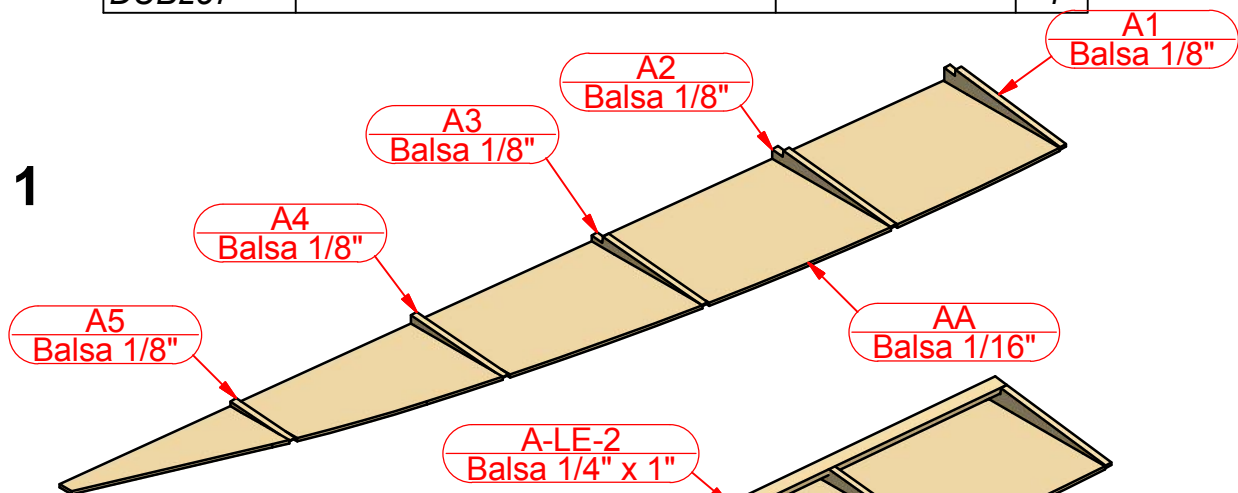
Part number	Description	Length (in)	Qty
AA	Balsa 1/16"		2
AC	Balsa 1/16"		4
FL-SH-1	Balsa 1/16" x 3"	13	2
FL-SH-2	Balsa 1/16" x 3"	13	2
G-SH-1	Balsa 1/16" x 3"	4 1/8	4
WB	Balsa 1/4		2
AB	Balsa 1/4"		2
G2	Balsa 1/4"		2
LG1C	Balsa 1/4"		2
WF	Balsa 1/4"		6
WH	Balsa 1/4"		2
WT1	Balsa 1/4"		4
WT2	Balsa 1/4"		4
WT3	Balsa 1/4"		4
FL-LE-1	Balsa 1/4" x 1 1/2"	13	2
W-TE-3	Balsa 1/4" x 1 1/2"	13 1/4	2
A-LE-1	Balsa 1/4" x 1"	17 3/4	2
A-LE-2	Balsa 1/4" x 1"	7 1/8	4
W-BL-1	Balsa 1/4" x 1"	1 13/16	2
W-LE-2	Balsa 1/4" x 1"	11 3/4	1
W-LE-4	Balsa 1/4" x 1"	36	2
W-TE-2	Balsa 1/4" x 1"	17 7/8	2
FL-TE-1	Balsa 1/4" x 1/2"	13	2
W-ST-5	Balsa 1/4" x 1/2"	4	8
W-TE-1	Balsa 1/4" x 1/2"	11 3/4	1
G-TE-1	Balsa 1/4" x 1/4"	4 1/8	2
W-ST-1	Balsa 1/4" x 1/4"	11 3/4	6
W-ST-2	Balsa 1/4" x 1/4"	13	12
G-LE-1	Balsa 1/4" x 3/4"	4 1/8	2
A1	Balsa 1/8"		4
A2	Balsa 1/8"		4
A3	Balsa 1/8"		4
A4	Balsa 1/8"		4
A5	Balsa 1/8"		4
FL1	Balsa 1/8"		12
G1	Balsa 1/8"		6
W10	Balsa 1/8"		2
W11	Balsa 1/8"		2
W12	Balsa 1/8"		2
W13	Balsa 1/8"		2
W14	Balsa 1/8"		2
W15	Balsa 1/8"		2
W16	Balsa 1/8"		2
W1A	Balsa 1/8"		2
W1B	Balsa 1/8"		4
W4	Balsa 1/8"		2
W5	Balsa 1/8"		2
W8	Balsa 1/8"		2
W9	Balsa 1/8"		2
WG	Balsa 1/8"		4
WSW1	Balsa 1/8"		4
WSW2	Balsa 1/8"		2
WSW3	Balsa 1/8"		2
WSW4	Balsa 1/8"		2
FL-LE-2	Balsa 1/8" x 1/4"	13	2
FL-LE-3	Balsa 1/8" x 1/4"	13	2
W5A	Balsa 3/32"		8
WDA	Balsa 3/32"		2
WDF	Balsa 3/32"		2
W-LE-1	Balsa 3/32" x 3"	11 3/4	1

Part number	Description	Length (in)	Qty
W-LE-3	Balsa 3/32" x 3"	36	2
W-SH-2	Balsa 3/32" x 3"	11 3/4	2
W-SH-1	Balsa 3/32" x 4"	11 3/4	2
W-SH-3	Balsa 3/32" x 4"	11 3/4	2
W-SH-4	Balsa 3/32" x 4"	11 3/4	2
W-SH-5	Balsa 3/32" x 4"	36	4
W-SH-6	Balsa 3/32" x 4"	36	4
W-SH-7	Balsa 3/32" x 4"	36	4
W-SH-8	Balsa 3/32" x 4"	9 3/4	1
W-SH-9	Balsa 3/32" x 4"	10 3/8	2
W-SH-9A	Balsa 3/32" x 4"	10 3/8	1
RP4	Flat washer Ø1/4"		2
W-MS-1	Hardwood 1/4" x 1/2"	10 1/8	2
W-MS-3	Hardwood 1/4" x 1/2"	36	4
W-SR-1	Hardwood 1/4" x 3/8"	3 3/4	4
W-SR-2	Hardwood 1/4" x 3/8"	4	4
FL2	Ply (5 ply) 1/8"		8
FL3	Ply (5 ply) 1/8"		2
WJ1A	Ply (5 ply) 1/8"		2
WJ3	Ply (5 ply) 1/8"		4
LG1A	Ply 1/4"		4
LG1B	Ply 1/4"		8
LG1D	Ply 1/4"		2
WA	Ply 1/4"		1
W5B	Ply 1/64"		8
AD	Ply 1/8"		2
LG2A	Ply 1/8"		4
ST1	Ply 1/8"		8
ST2	Ply 1/8"		8
ST3	Ply 1/8"		8
W1C	Ply 1/8"		2
W2A	Ply 1/8"		2
W2B	Ply 1/8"		3
W3	Ply 1/8"		2
W7I	Ply 1/8"		4
W7O	Ply 1/8"		4
WC	Ply 1/8"		1
WE	Ply 1/8"		1
WJ4	Ply 1/8"		1
LG4	Music wire Ø1/4"	2 1/2	2
DUB105	Nylon Control Horn		2
DUB257	H-D Nylon Hinge		8
SHCS4-016	Socket head Cap screw #4-40 x 1" lg.		4
DUB600	2-56 Spring steel Kwik-link		8
DUB172	2-56 Threaded rod		4
LG3	Aluminium Ø1/2"	1 7/16	2
SS2-07	Servo Screw #2x7/16"		48
NN4	Nylock Nut #4-40		4
BD4C024	Hex. Bolt 1/4-20 NC x 1 1/2" lg.		2
SHCS4C12	Socket Head Cap Screw 4-40 x 3/4"		4
SHCS6C04	Socket head Cap screw #6-32 x 1/4"		4
DUB158	Steel landing gear strap		4
ROB670	Straight Robotdtrut Ø1/2"		2
DUB860	Swivel ball link		4
DUB212	Threaded coupler		4
Cap10-WHP-L	Wheel pant (Left)		1
Cap10-WHP-R	Wheel pant (Right)		1
W-DW-1	Wood dowel Ø1/2"	5 1/2	2
W-DW-2	Wood dowel Ø1/4"	5/8	8
DUB450RV	Ø4 1/2" wheel		2

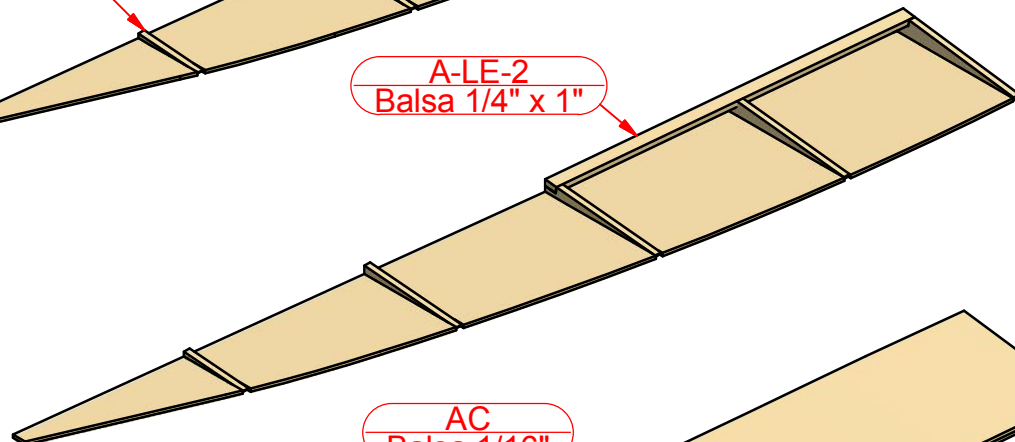
Aileron

Parts listing (For 1 ass'y)			
Part number	Description	Length	Qty
A-LE-1	Balsa 1/4" x 1"	17 3/4	1
A-LE-2	Balsa 1/4" x 1"	7 1/8	2
A1	Balsa 1/8"		2
A2	Balsa 1/8"		2
A3	Balsa 1/8"		2
A4	Balsa 1/8"		2
A5	Balsa 1/8"		2
AA	Balsa 1/16"		1
AB	Balsa 1/4"		1
AC	Balsa 1/16"		2
AD	Ply 1/8"	1 1/2	1
DUB105	Nylon Control Horn		1
DUB257			4

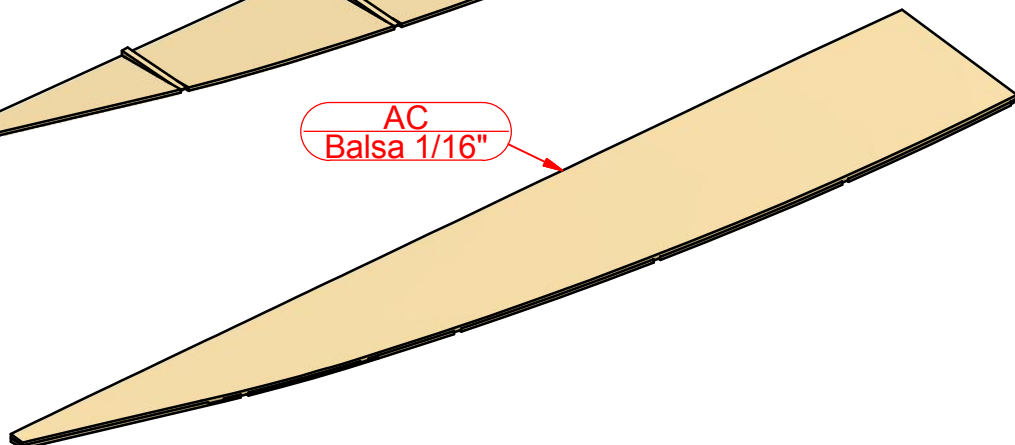
Step 1



Step 2

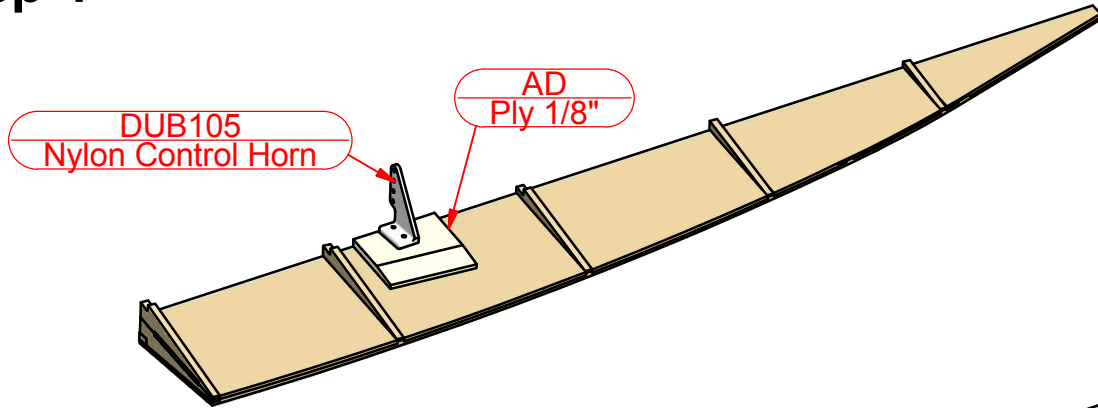


Step 3

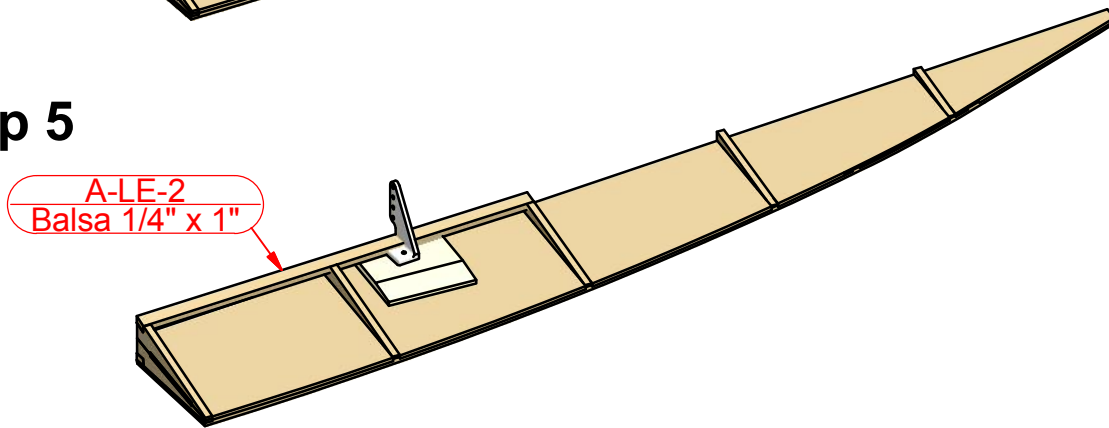


Aileron

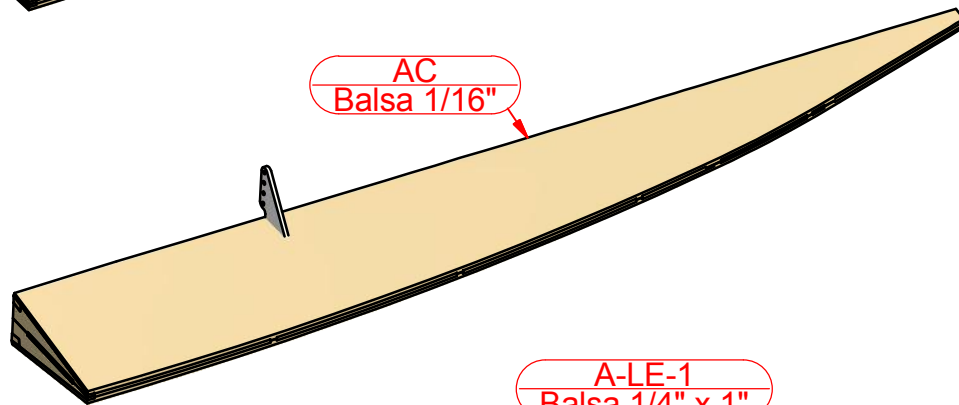
Step 4



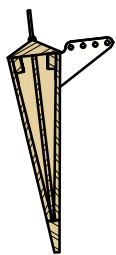
Step 5



Step 6



Step 7

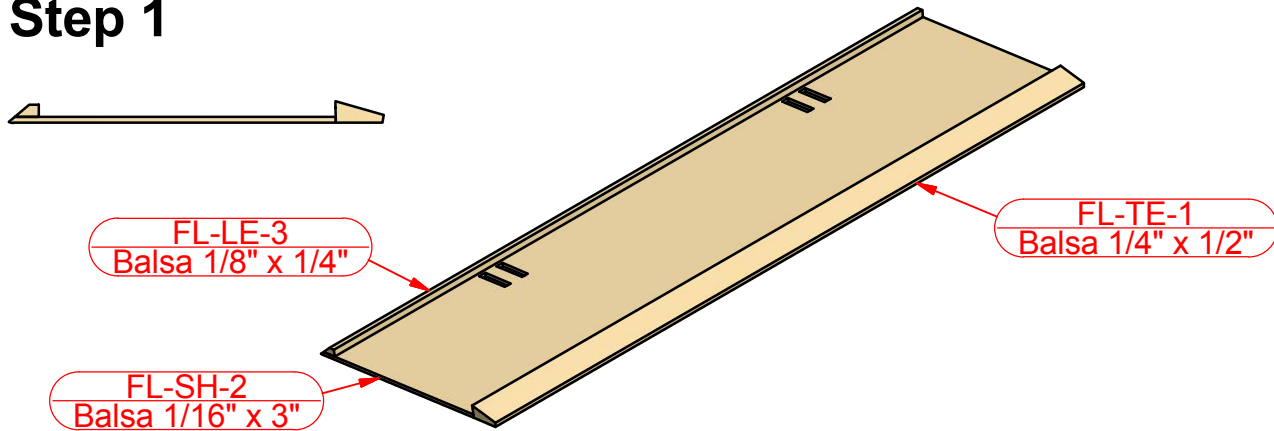


SECTION A-A

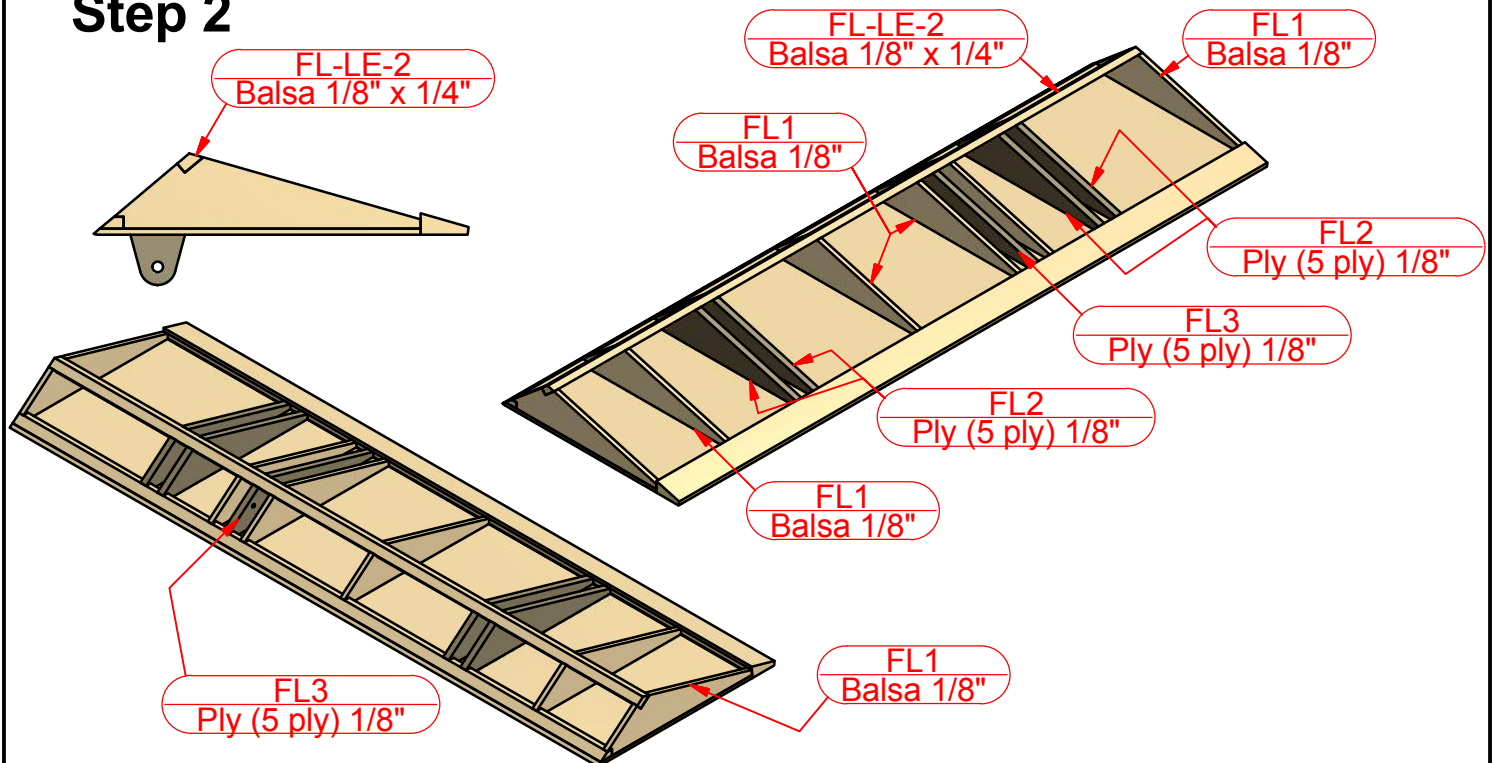
Flap

Parts listing (For 1 ass'y)			
Part number	Description	Length	Qty
FL1	Balsa 1/8"		6
FL2	Ply (5 ply) 1/8"		4
FL3	Ply (5 ply) 1/8"		1
FL-TE-1	Balsa 1/4" x 1/2"	13	1
FL-LE-2	Balsa 1/8" x 1/4"	13	1
FL-LE-3	Balsa 1/8" x 1/4"	13	1
FL-SH-1	Balsa 1/16" x 3"	13	1
FL-SH-2	Balsa 1/16" x 3"	13	1
FL-LE-1	Balsa 1/4" x 1 1/2"	13	1

Step 1

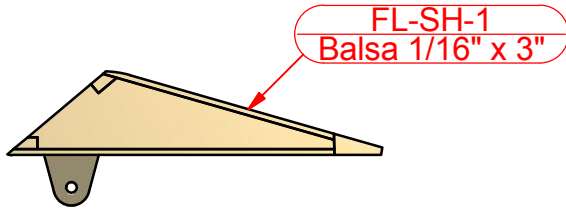


Step 2

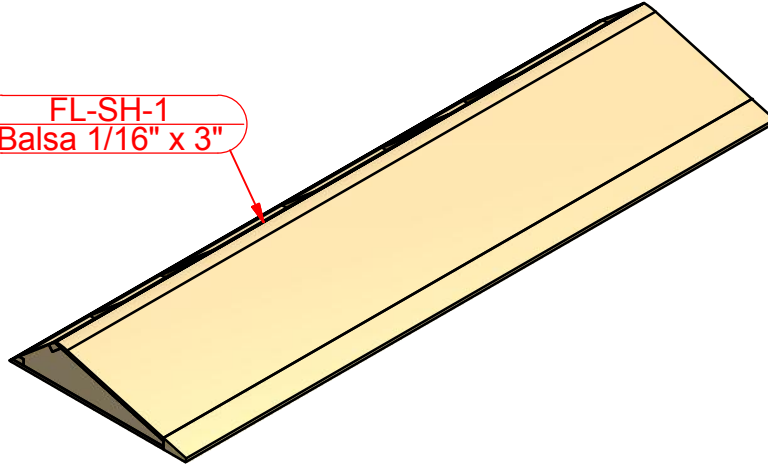


Flap

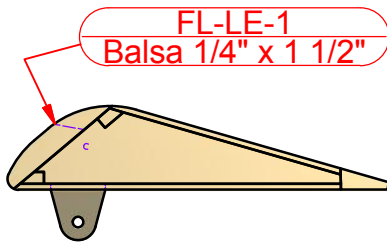
Step 4



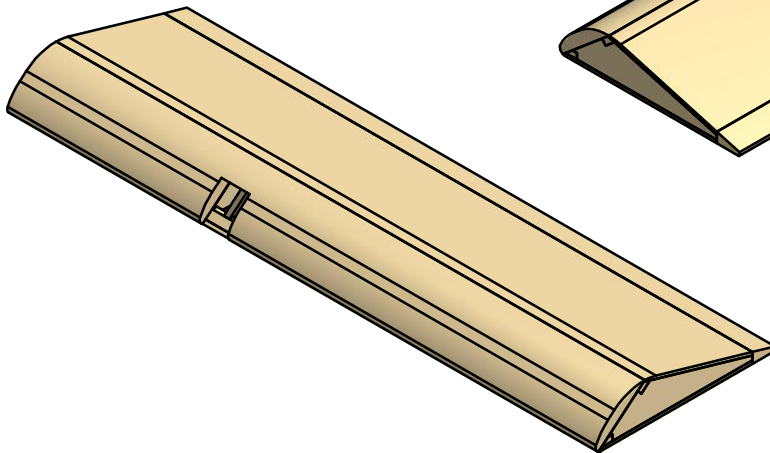
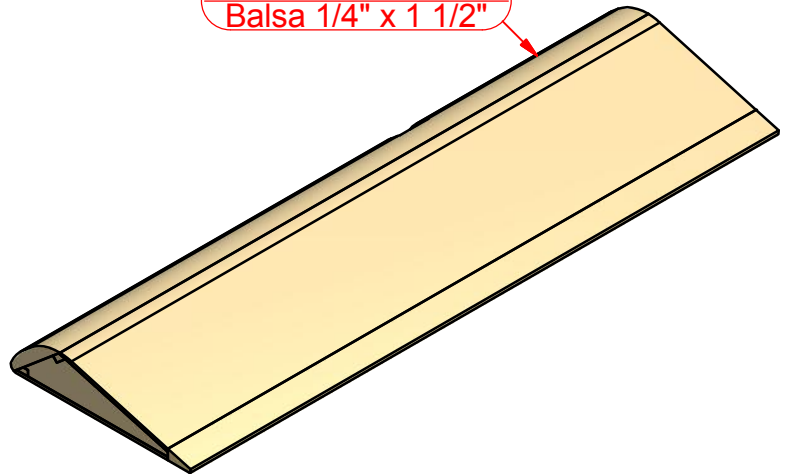
FL-SH-1
Balsa 1/16" x 3"



Step 5

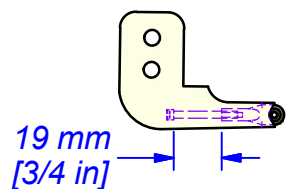


FL-LE-1
Balsa 1/4" x 1 1/2"



Wing

Step 1



DUB860
Swivel ball link

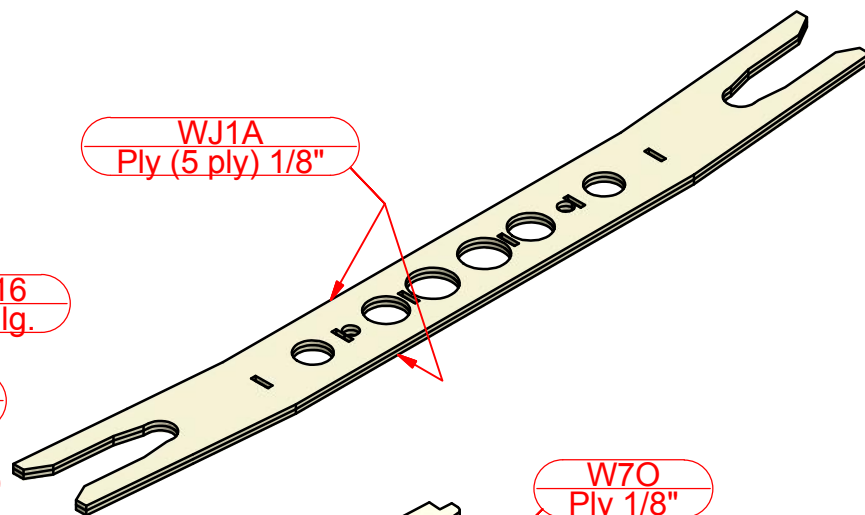
W5B
Ply 1/64"

SHCS4-016
#4-40 x 1" lg.

W5A
Balsa 3/32"

W5B
Ply 1/64"

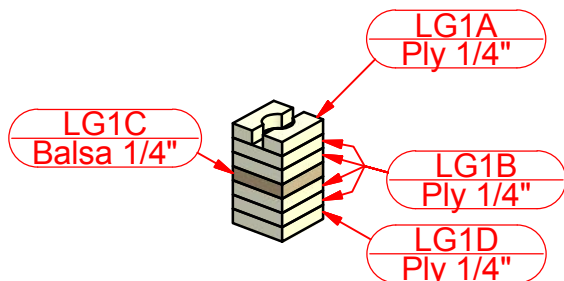
Flap pivot
(4 req.)



WJ1A
Ply (5 ply) 1/8"

W7O
Ply 1/8"

(2 req.)



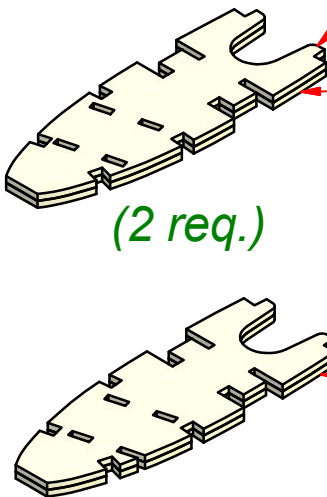
LG1C
Balsa 1/4"

LG1A
Ply 1/4"

LG1B
Ply 1/4"

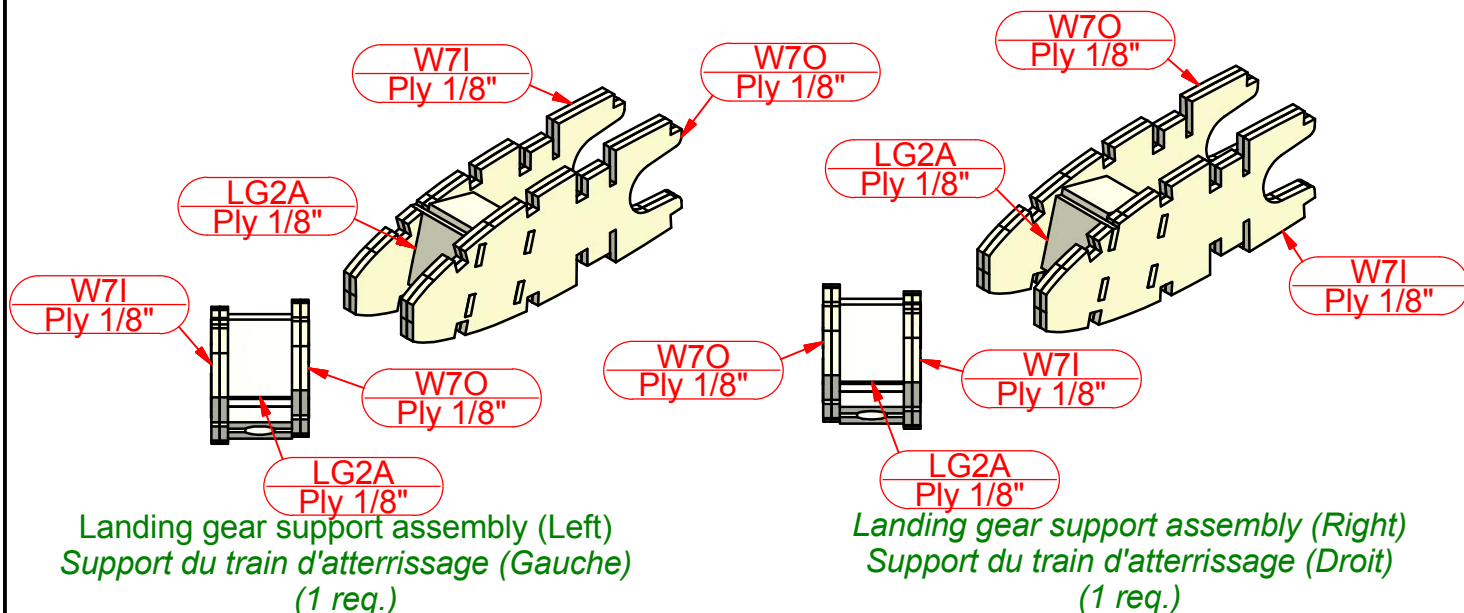
LG1D
Ply 1/4"

Landing gear block
(Bloc du train d'atterrissage)
(2 req.)



W7I
Ply 1/8"

(2 req.)



W7I
Ply 1/8"

W7O
Ply 1/8"

W7O
Ply 1/8"

LG2A
Ply 1/8"

LG2A
Ply 1/8"

W7I
Ply 1/8"

W7I
Ply 1/8"

W7O
Ply 1/8"

W7O
Ply 1/8"

W7I
Ply 1/8"

LG2A
Ply 1/8"

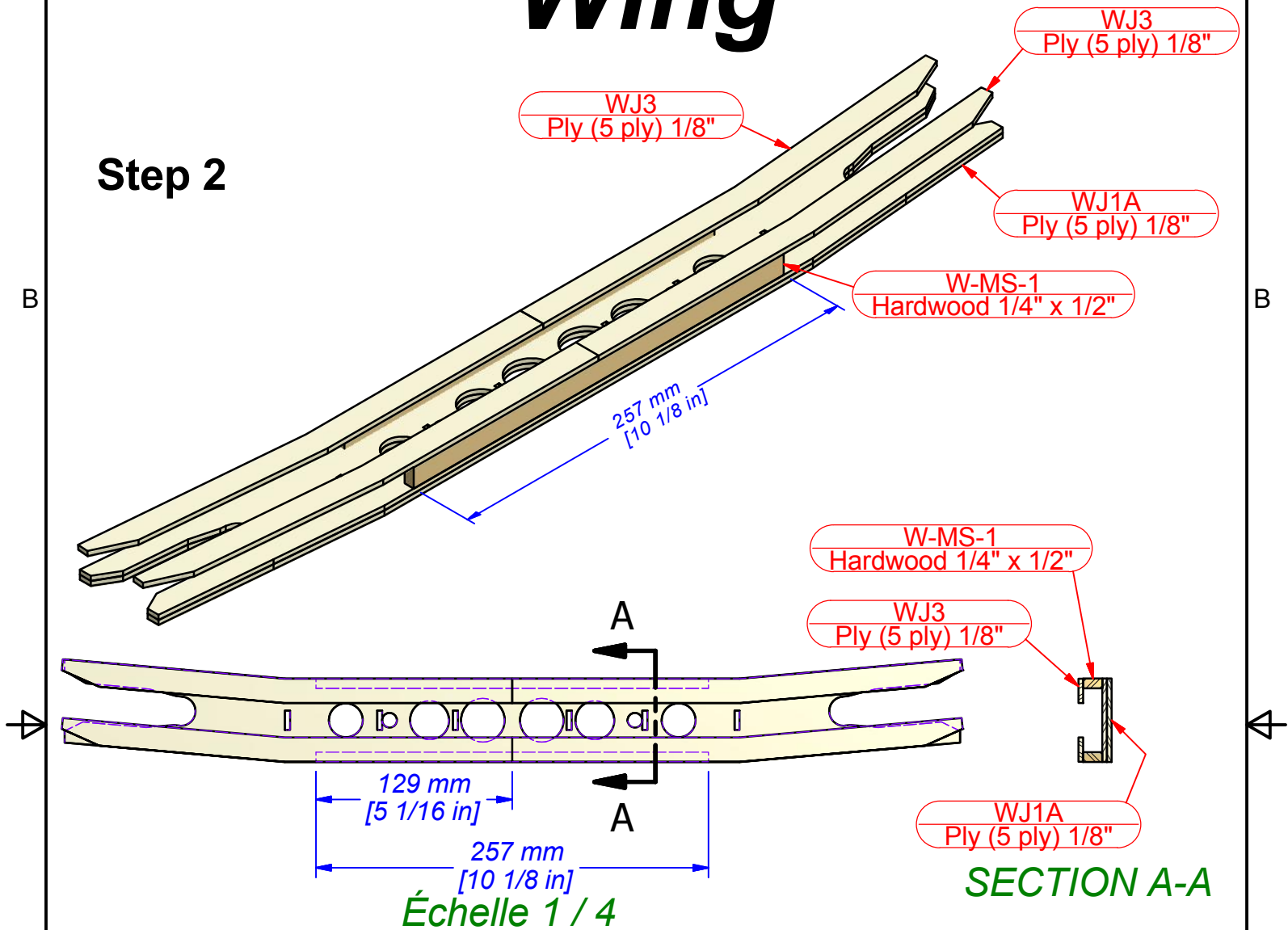
LG2A
Ply 1/8"

Landing gear support assembly (Left)
Support du train d'atterrissage (Gauche)
(1 req.)

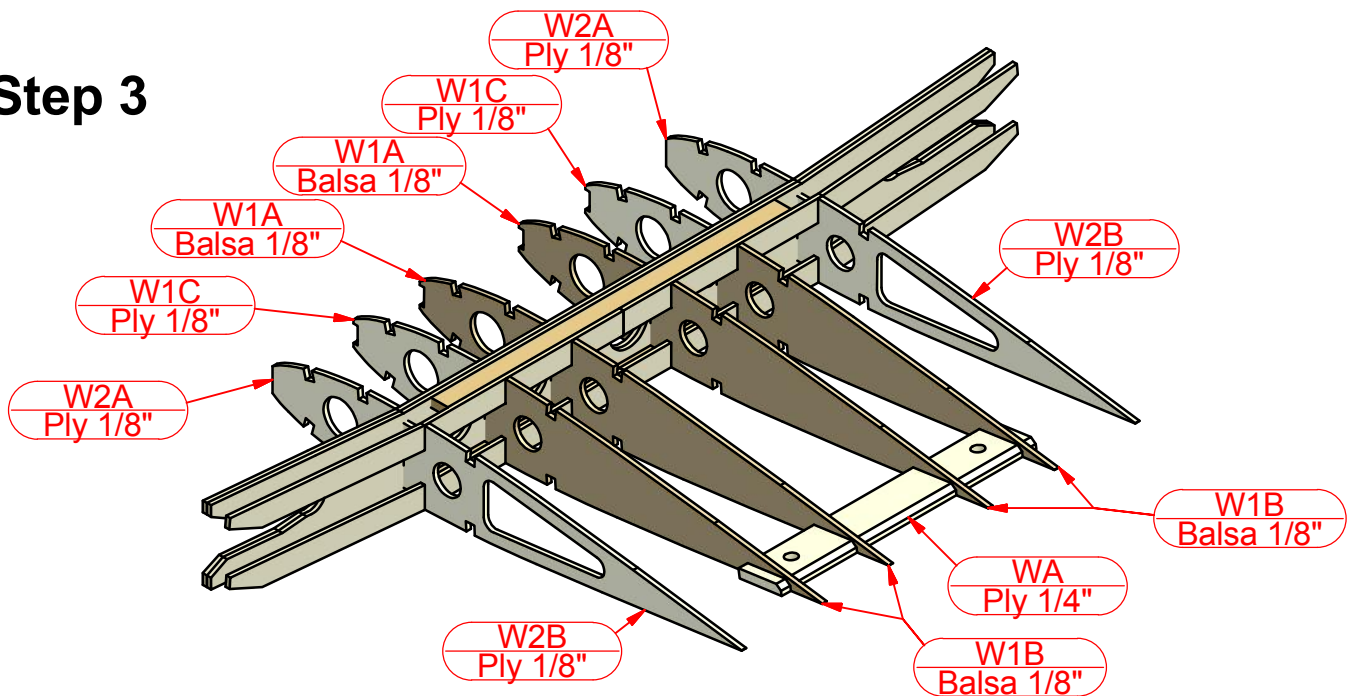
Landing gear support assembly (Right)
Support du train d'atterrissage (Droit)
(1 req.)

Wing

Step 2

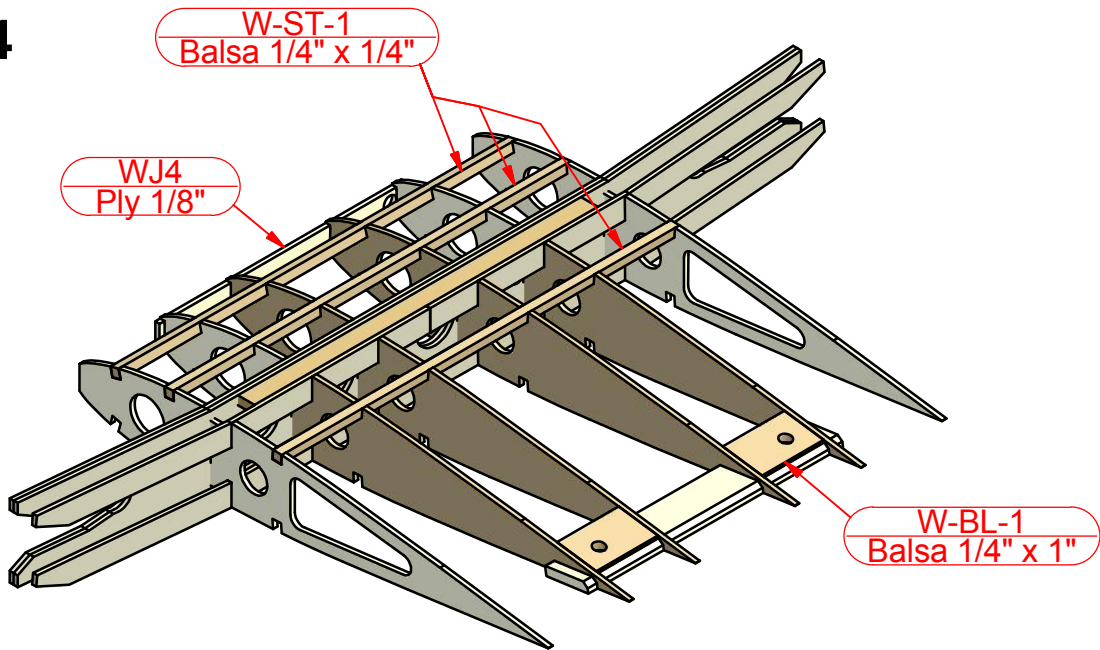


Step 3

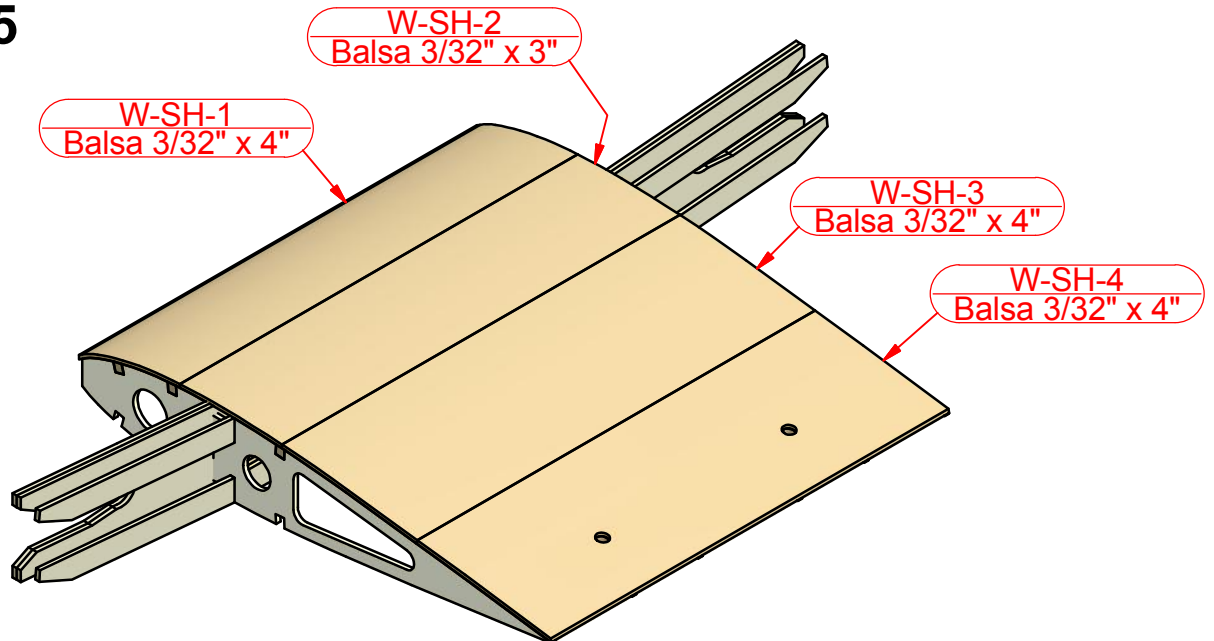


Wing

Step 4



Step 5



Wing

Step 4

Ø 10 mm
[3/8 in]

33 mm
[1 5/16 in]

140 mm
[5 1/2 in]

W-LE-1
Balsa 3/32" x 3"

W-ST-1
Balsa 1/4" x 1/4"

W-DW-1
Wood dowel Ø1/2"

Step 5

W-SH-2
Balsa 3/32" x 3"

W-SH-1
Balsa 3/32" x 4"

W-SH-3
Balsa 3/32" x 4"

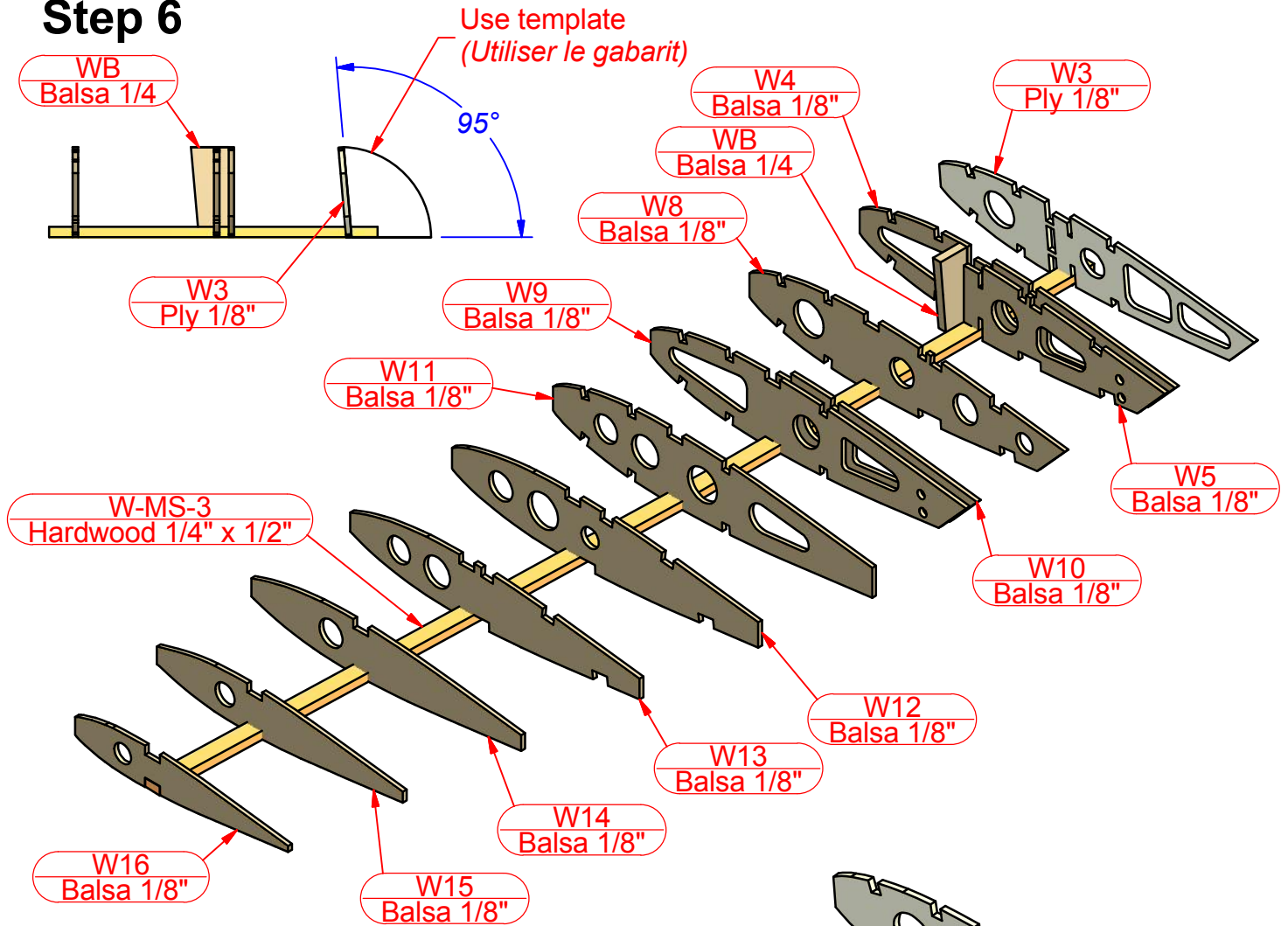
W-SH-4
Balsa 3/32" x 4"

W-LE-2
Balsa 1/4" x 1"

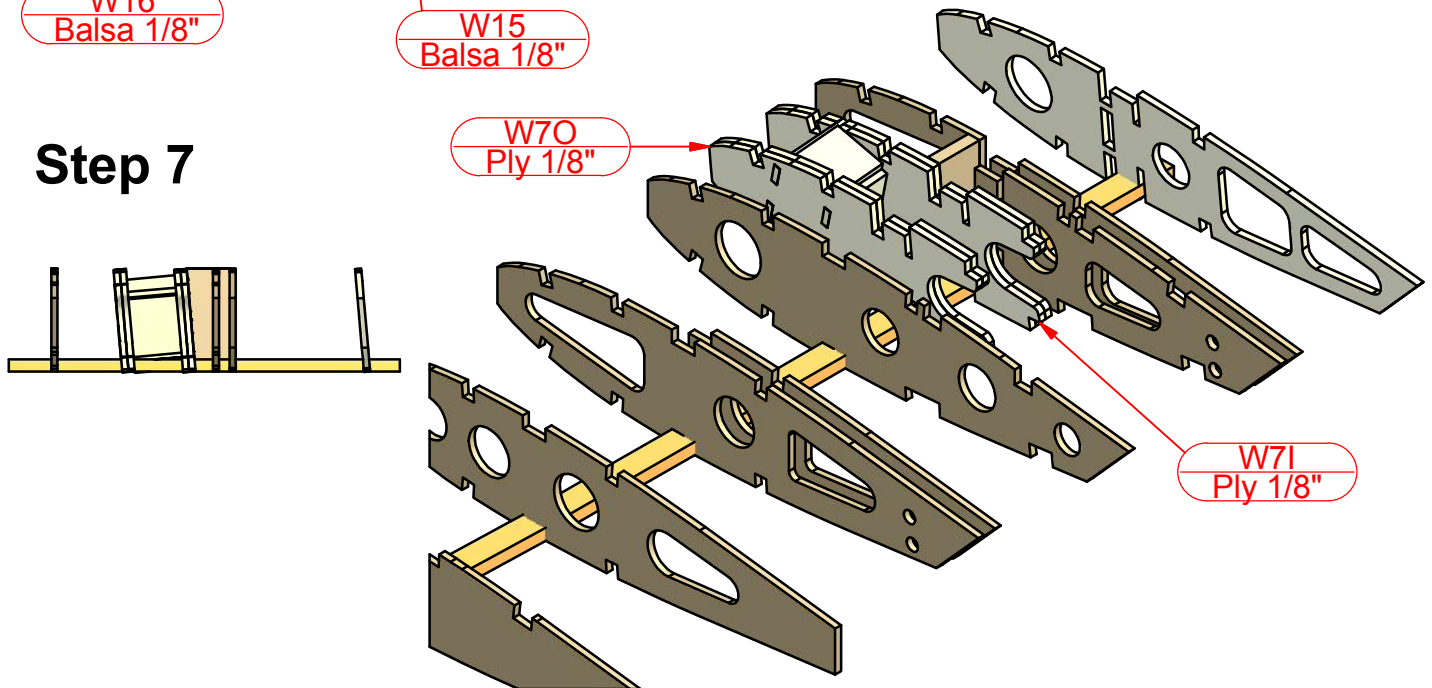
W-TE-1
Balsa 1/4" x 1/2"

Wing

Step 6

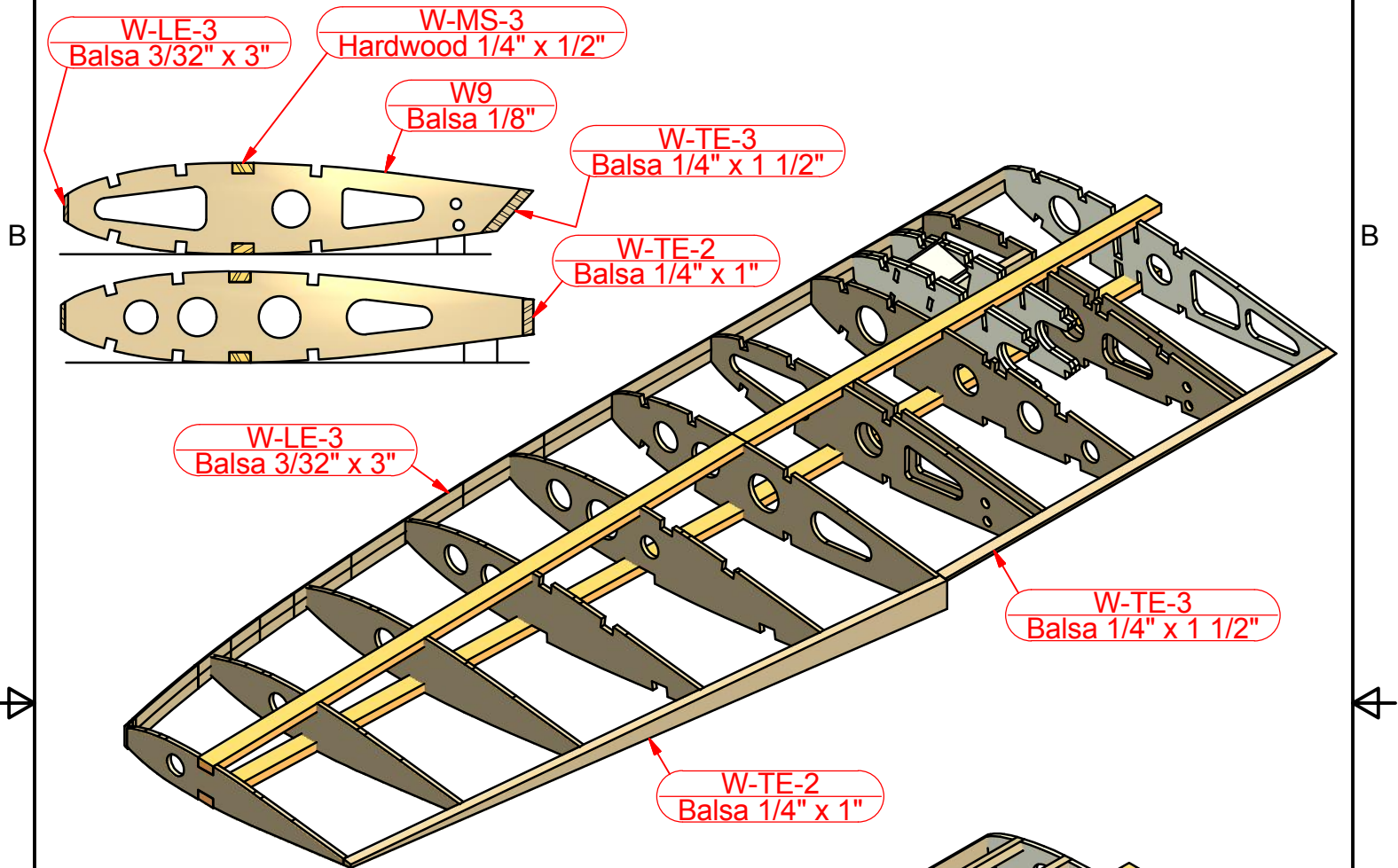


Step 7

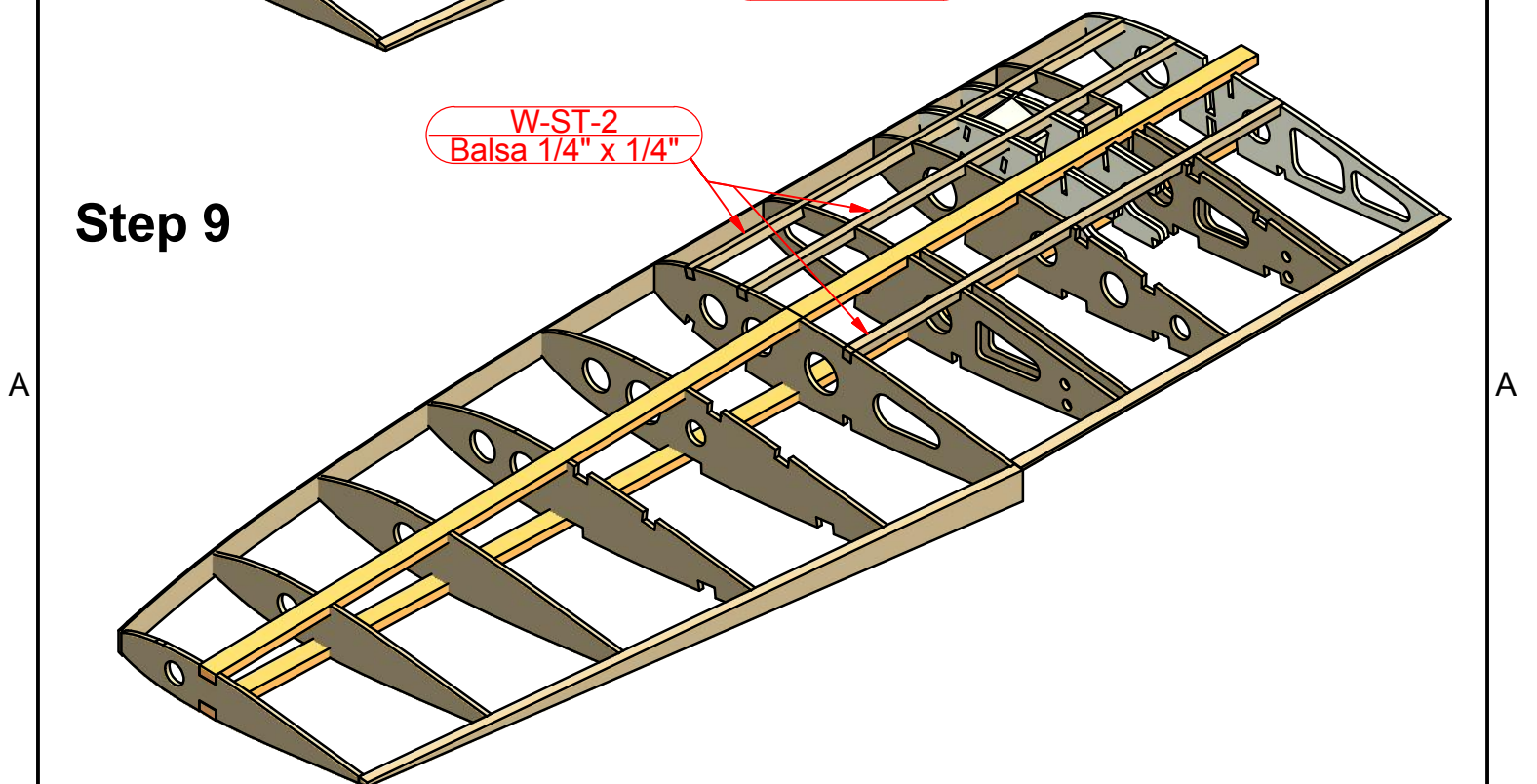


Wing

Step 8

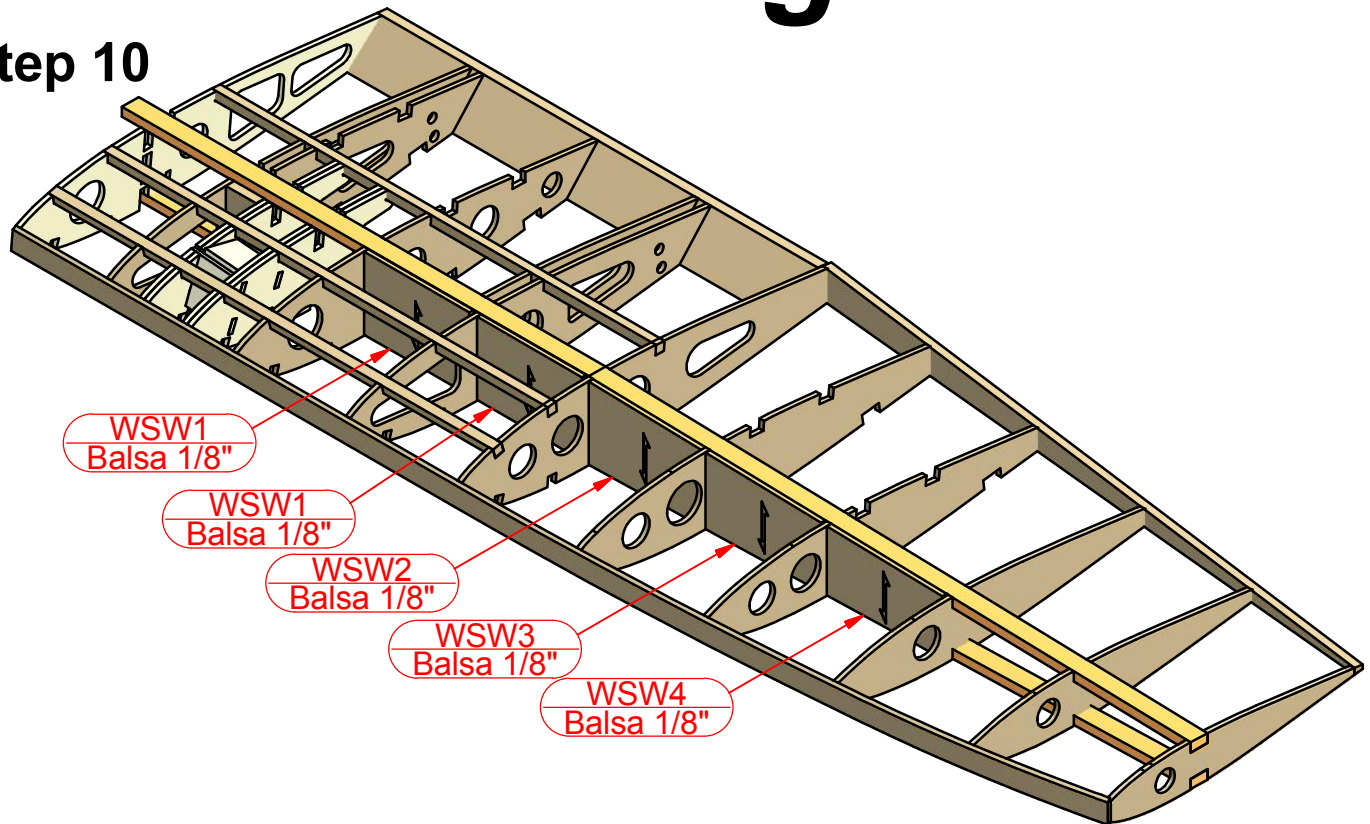


Step 9

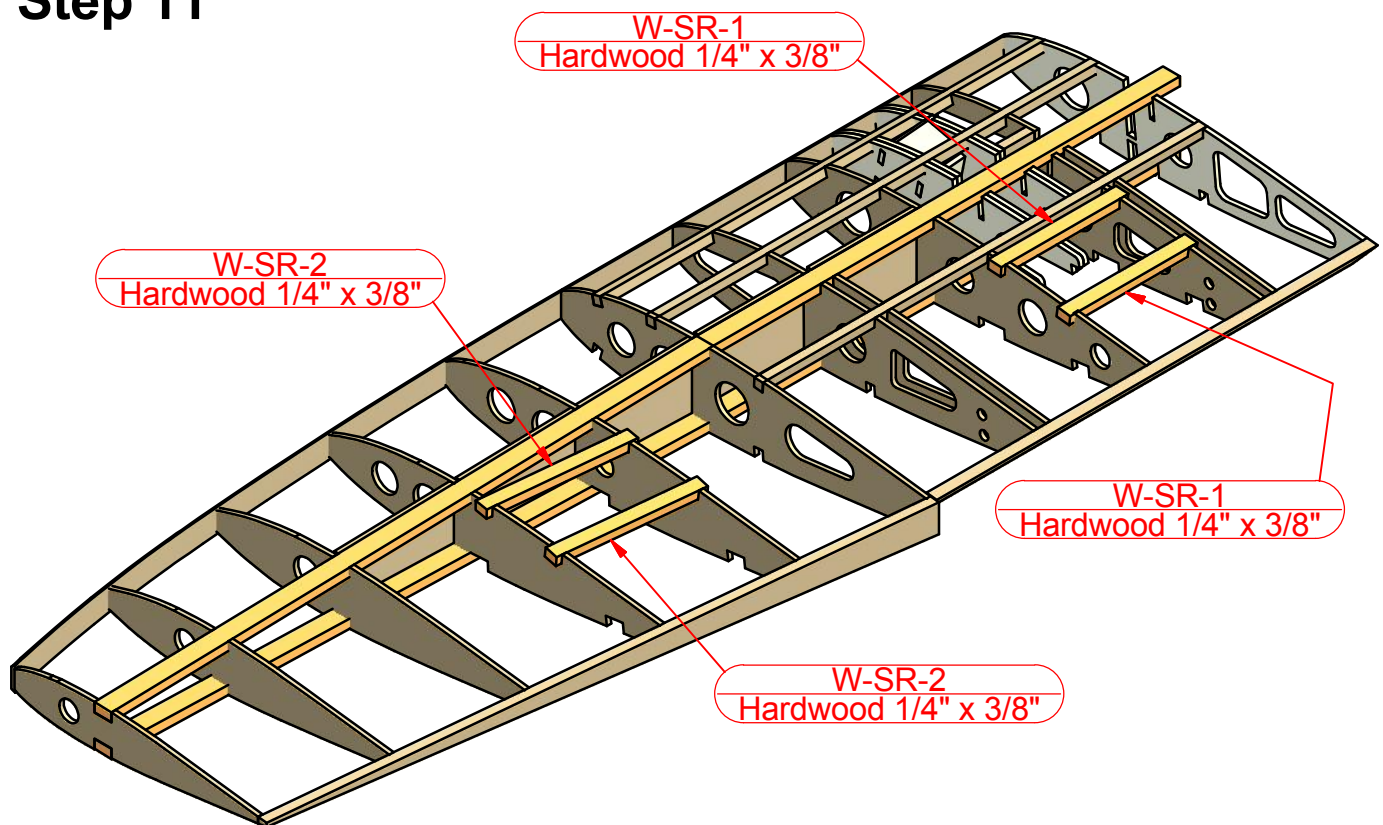


Wing

Step 10

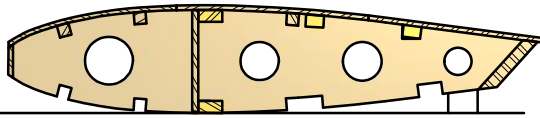


Step 11



Wing

Step 12



W-SH-6
Balsa 3/32" x 4"

W-SH-5
Balsa 3/32" x 4"

W-SH-7
Balsa 3/32" x 4"

Step 13

W-ST-2
Balsa 1/4" x 1/4"

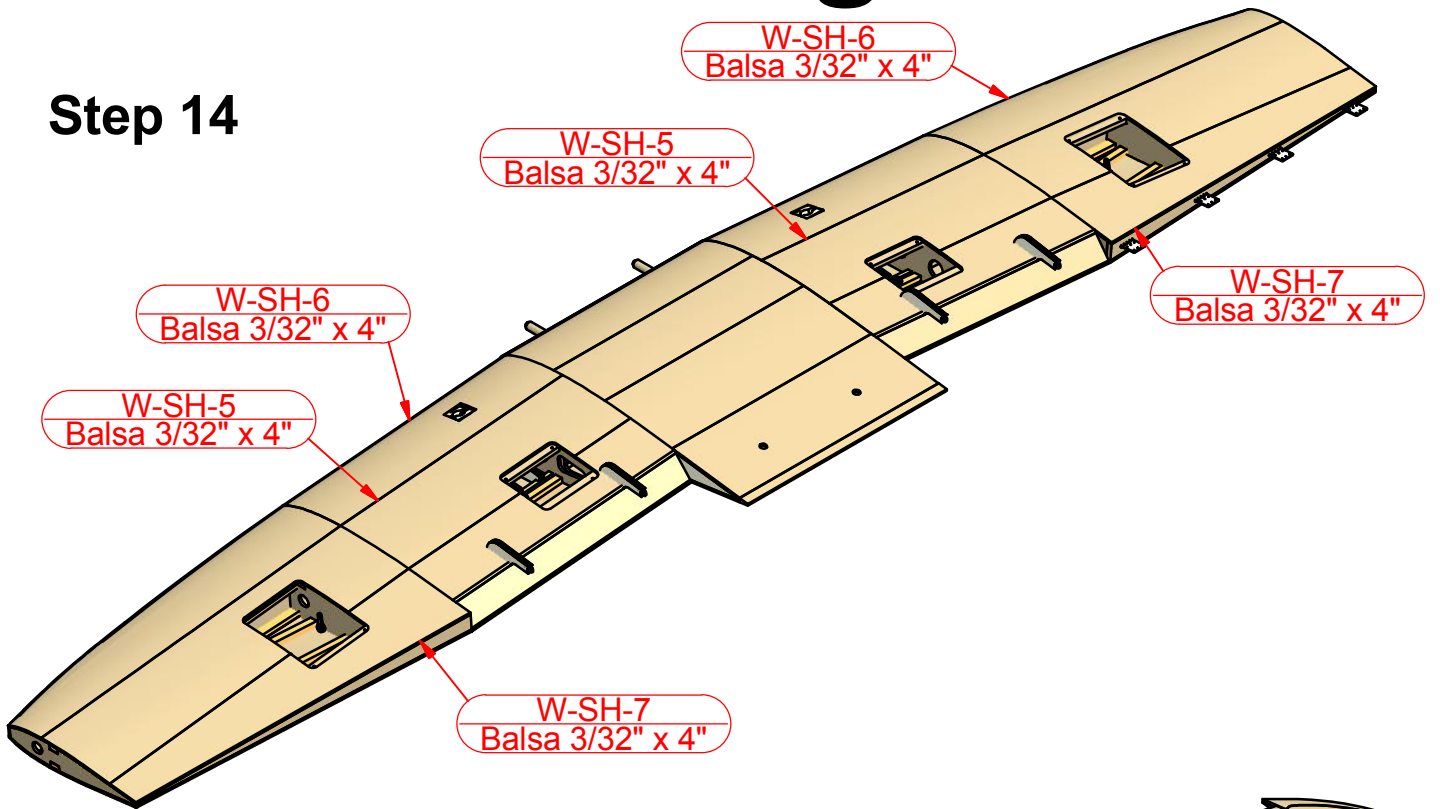
W-ST-5
Balsa 1/4" x 1/2"

W-ST-5
Balsa 1/4" x 1/2"

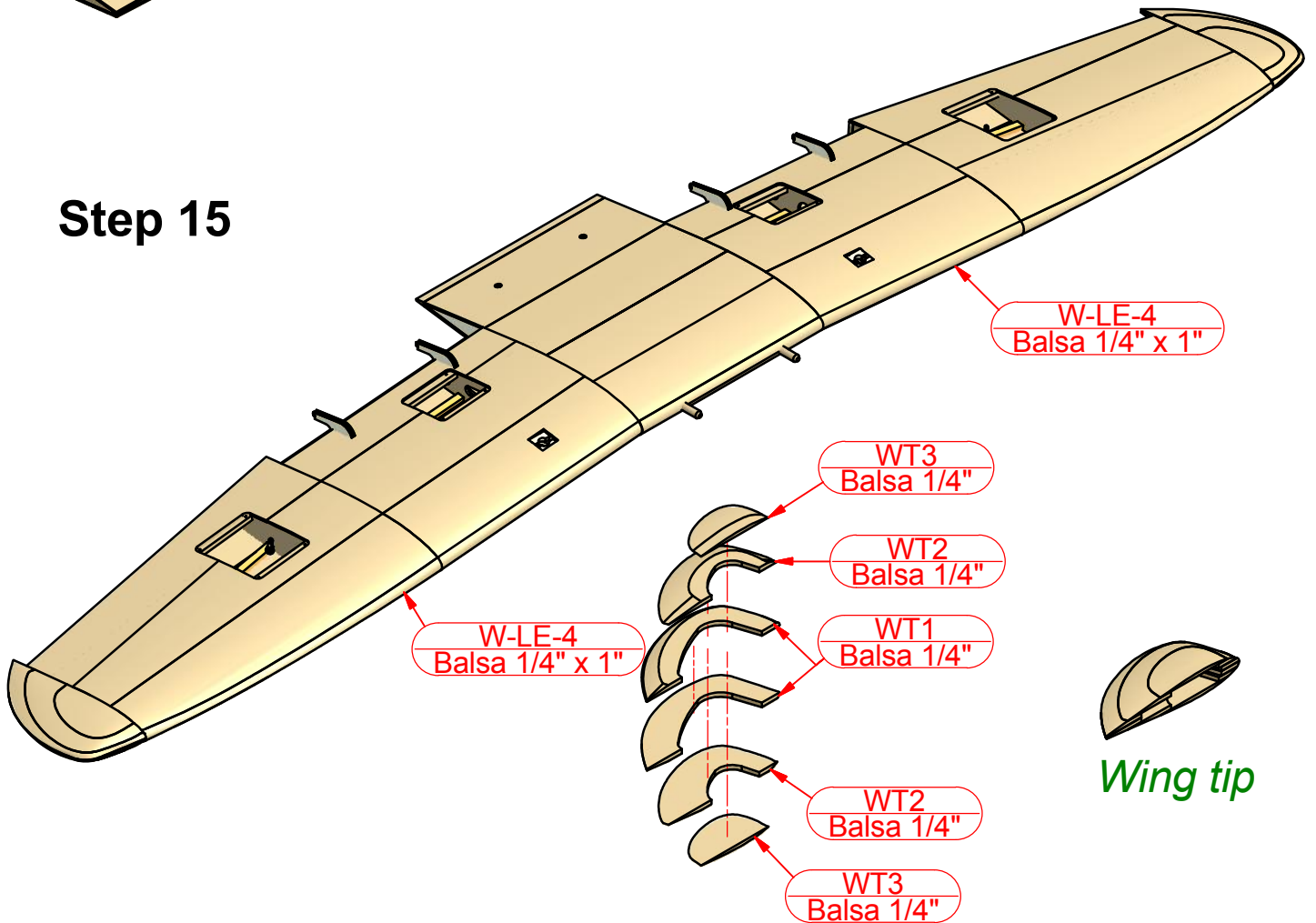
A

Wing

Step 14



Step 15



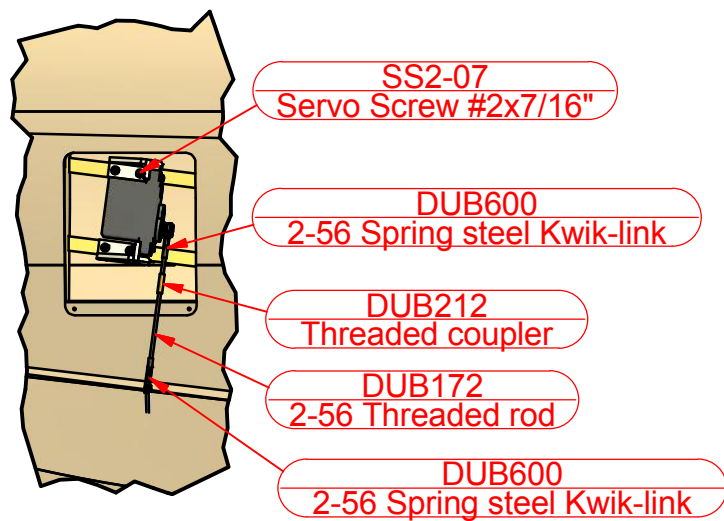
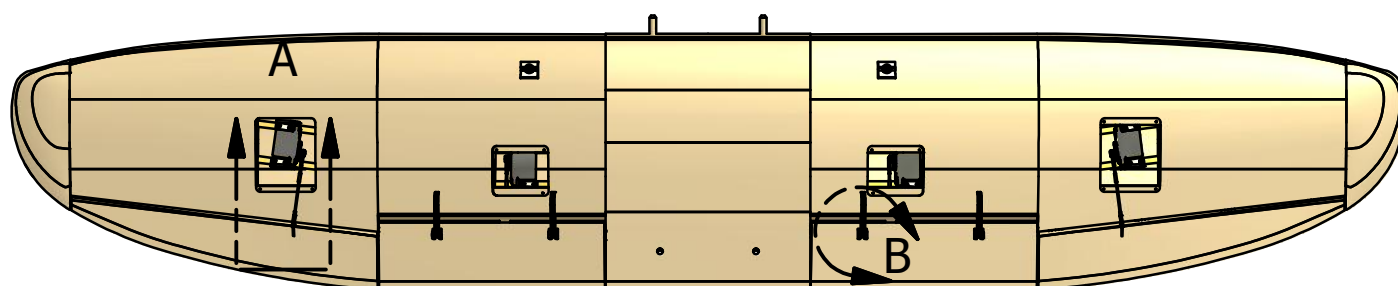
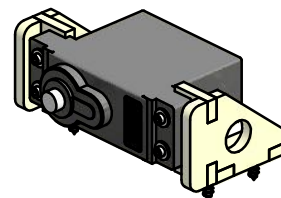
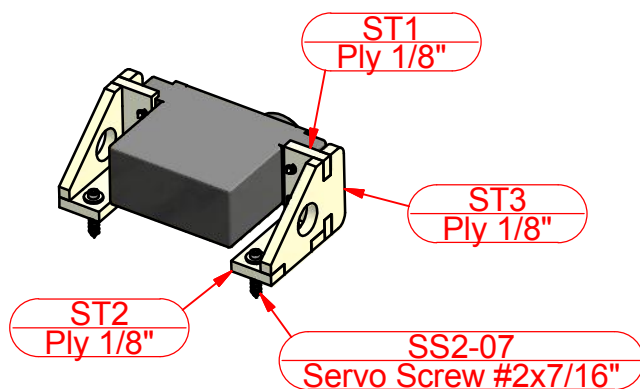
2



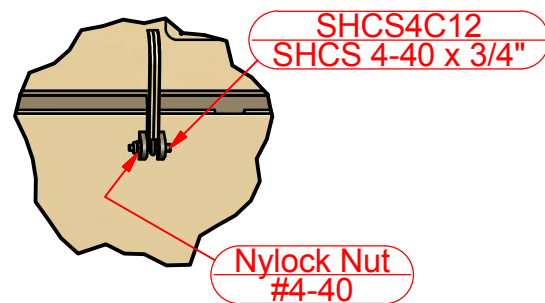
1

Wing

Step 16

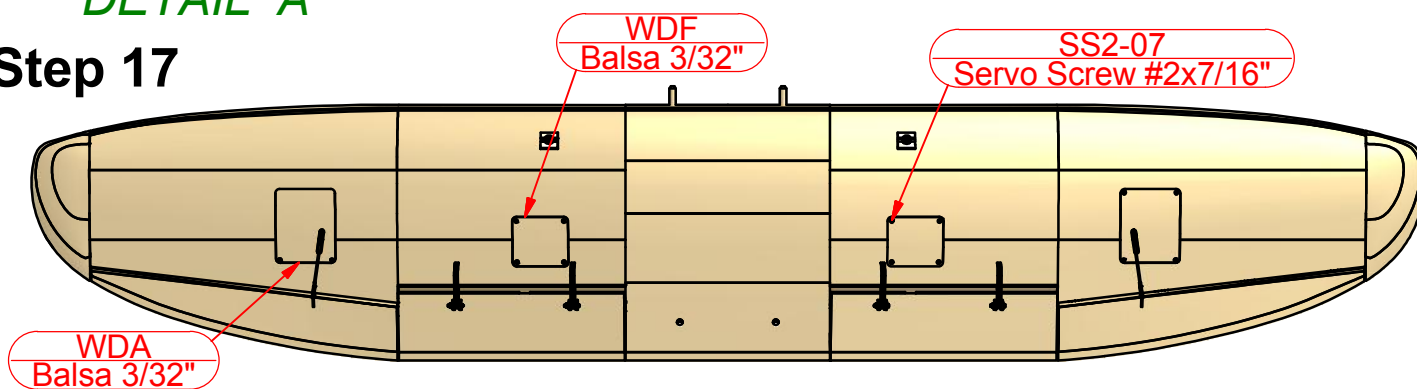


DETAIL A



DETAIL B

Step 17



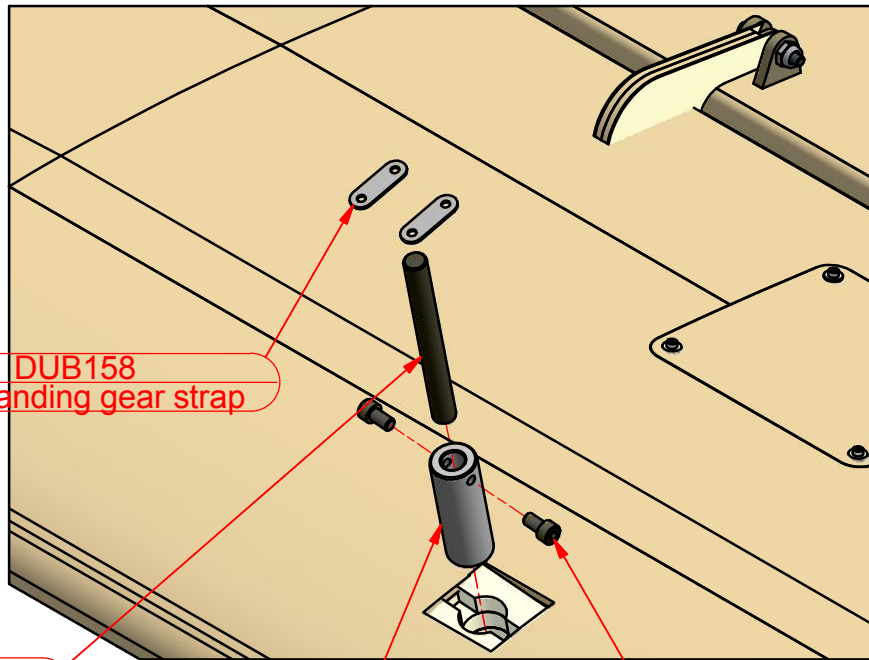
2



1

Wing

Step 18



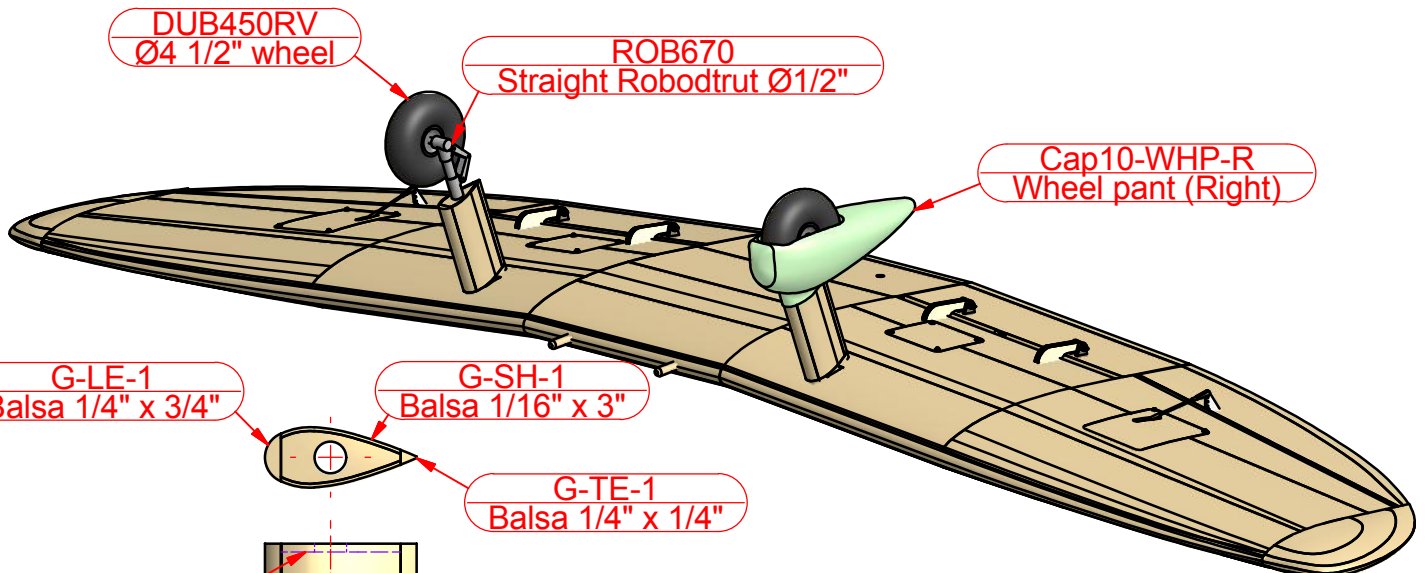
DUB158
Steel landing gear strap

LG4
Music wire Ø1/4"

LG3
Aluminium Ø1/2"

SHCS-English-UNC
Socket head Cap screw 6-32 x 1/4"

Step 19



DUB450RV
Ø4 1/2" wheel

ROB670
Straight Robodtrut Ø1/2"

Cap10-WHP-R
Wheel pant (Right)

G-LE-1
Balsa 1/4" x 3/4"

G-SH-1
Balsa 1/16" x 3"

G-TE-1
Balsa 1/4" x 1/4"

G1
Balsa 1/8"

G1
Balsa 1/8"

G2
Balsa 1/4"

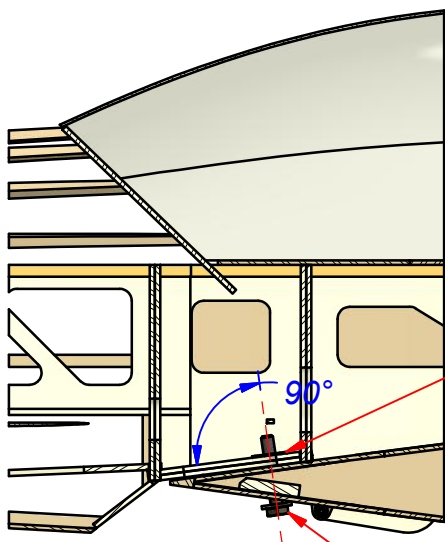
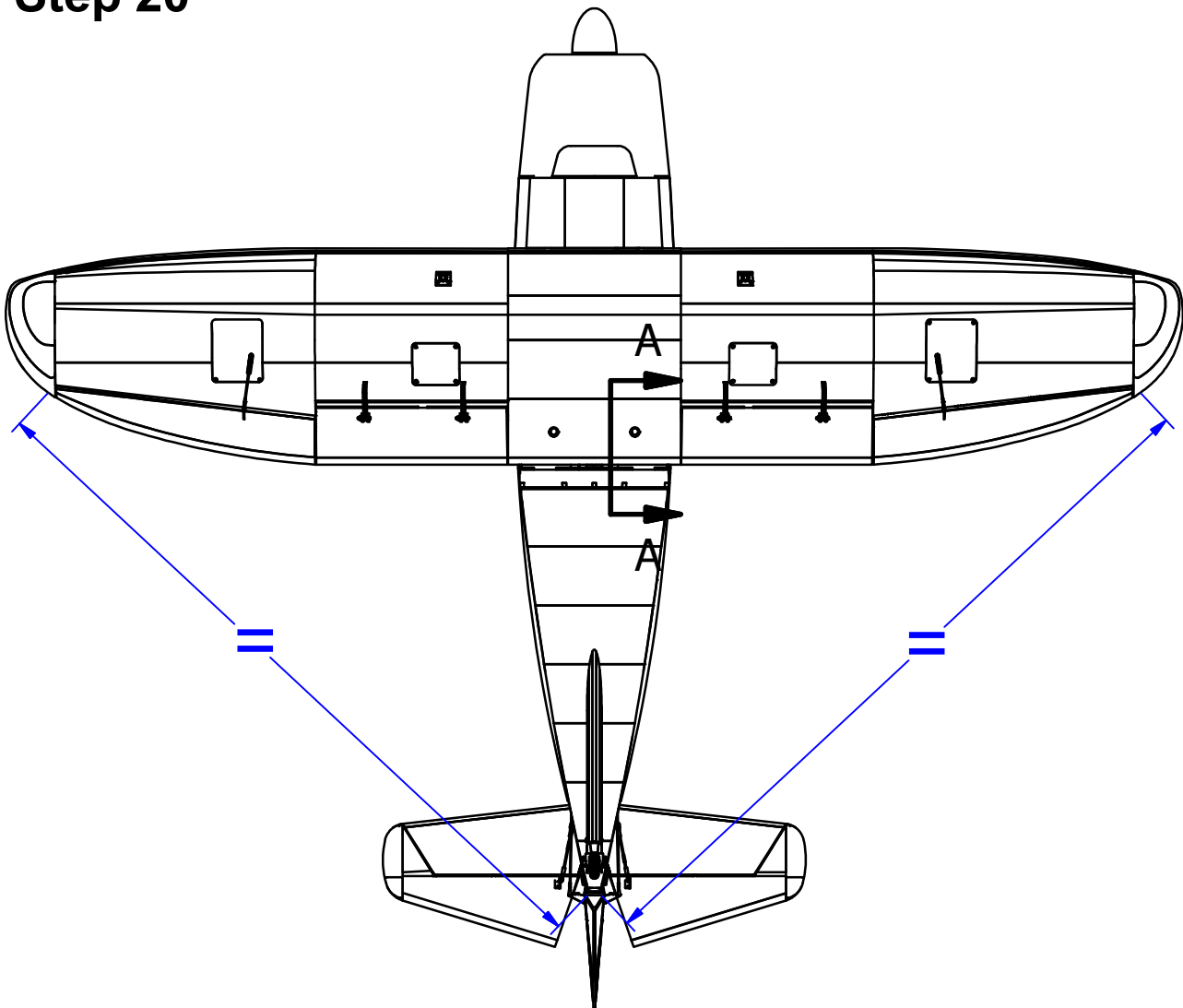
Carve to wing shape.
Sculpter pour prendre la forme de l'aile.

2

1

Wing

Step 20



SECTION A-A
SCALE 1 / 4

Blind nut Ø1/4 NC

Hex. Bolt 1/4-20 NC x 1 1/2" lg.

Flat washer Ø1/4"

2

1

10-2011

Wing

Step 20

