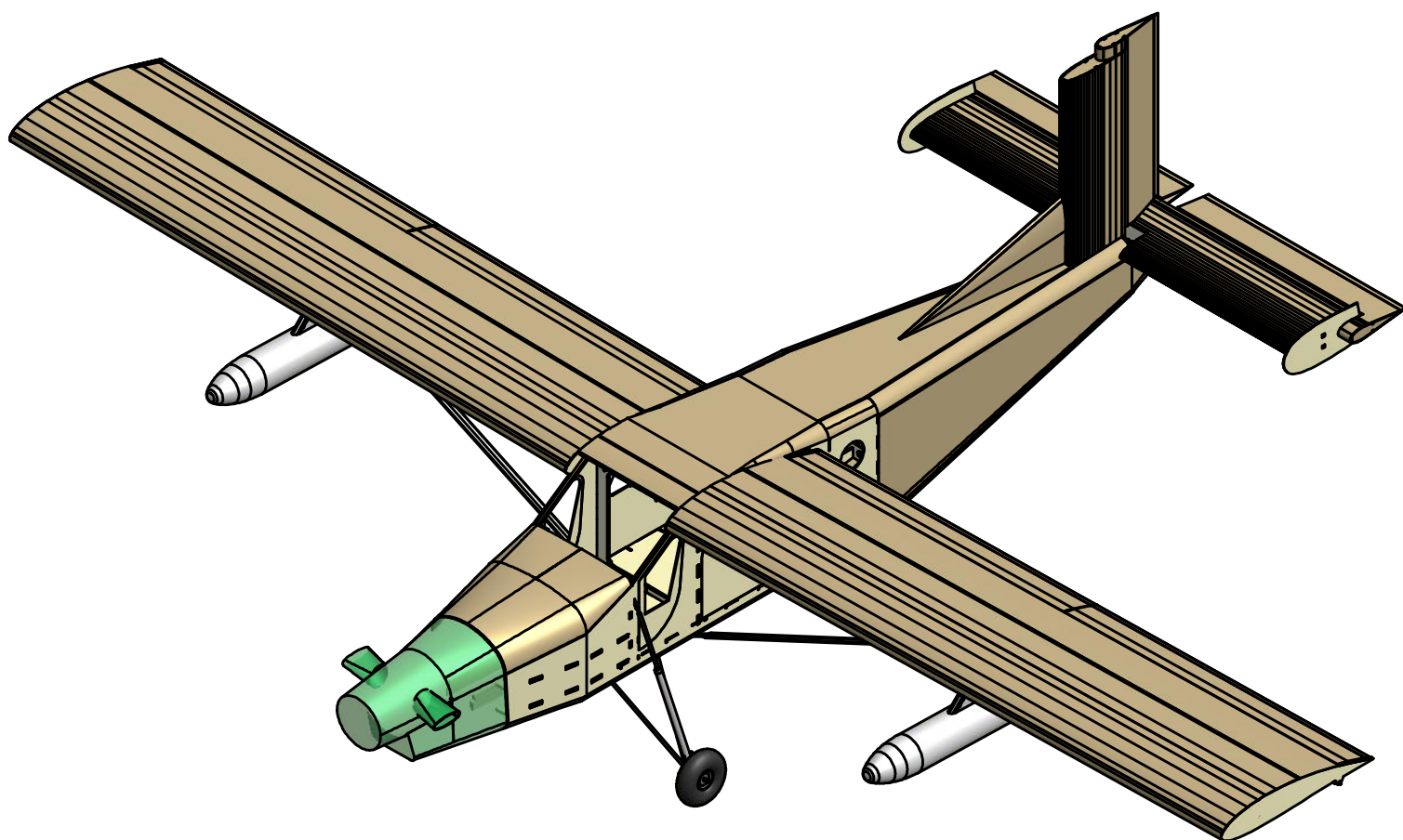
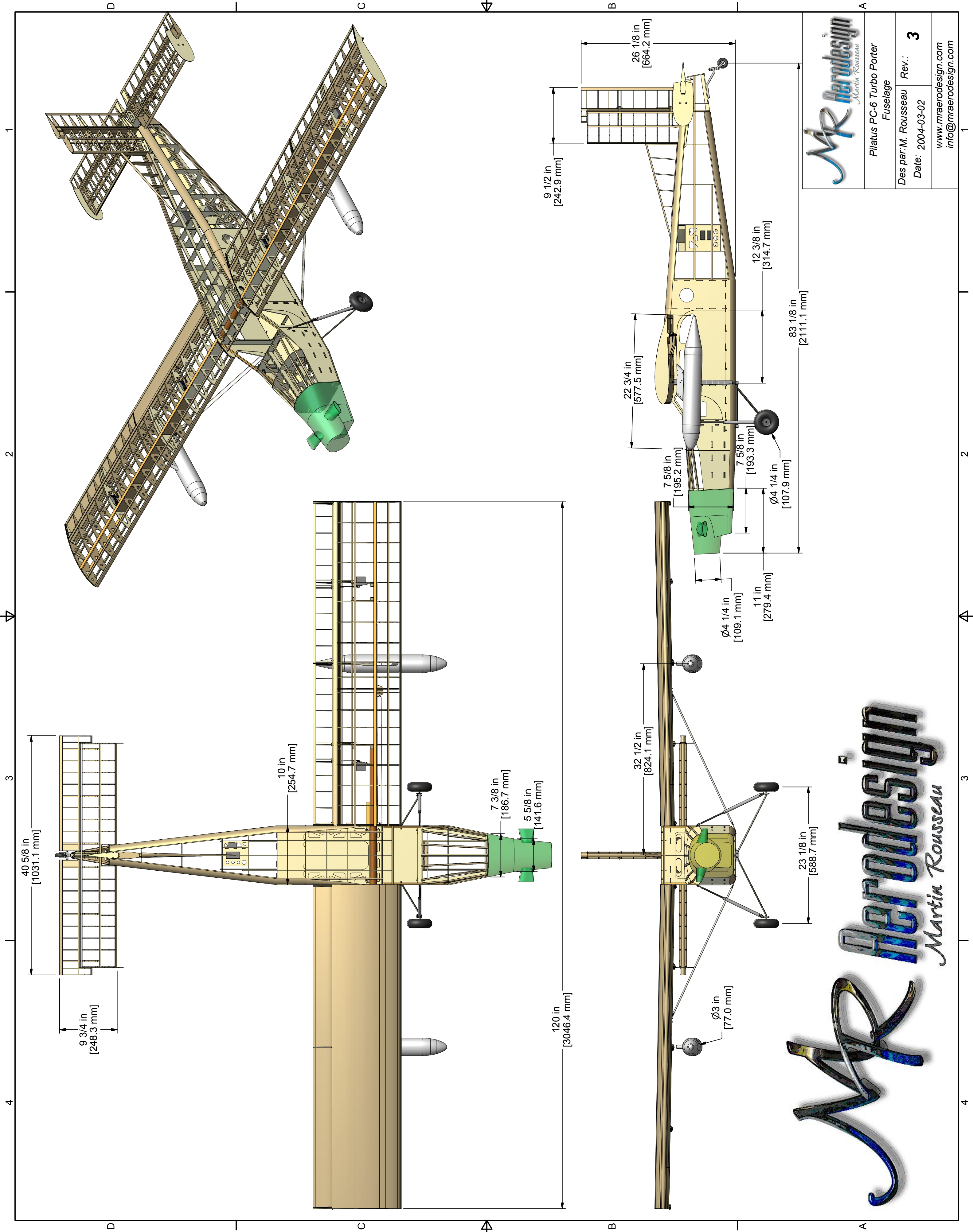


Pilatus PC-6 Turbo Porter

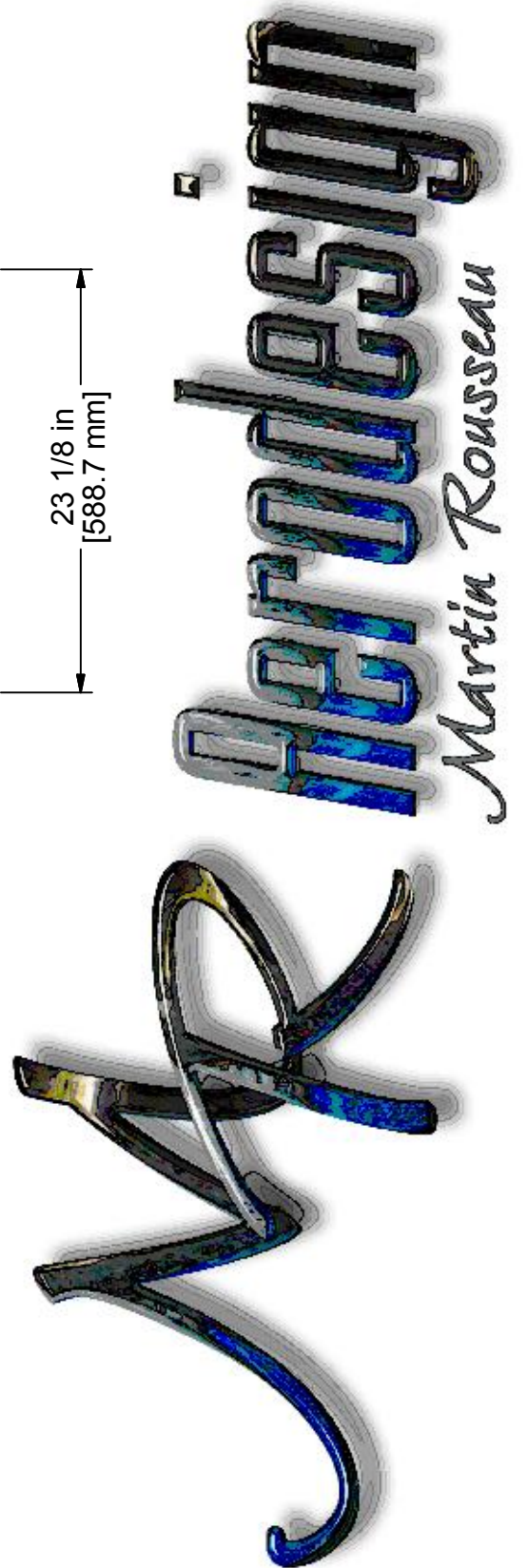
Building Manual



MR Aerodesign
Martin Rousseau



Pilatus PC-6 Turbo Porter Fuselage	
Des par: M. Rousseau	Rev.: 3
Date: 2004-03-02	
www.mraerodesign.com info@mraerodesign.com	



Pilatus PC-6 Turbo Porter

Wood listing

Part number	Description	Length	Qty	
DA-SH-1	Balsa 1/16" x 3"	7 9/16	1	4x36" + 2x48"
DA-SH-1	Balsa 1/16" x 3"	7 9/16	1	
DB-SH-1	Balsa 1/16" x 3"	16	1	
DB-SH-1	Balsa 1/16" x 3"	16	1	
E-SH-1	Balsa 1/16" x 3"	19 1/2	2	
E-SH-2	Balsa 1/16" x 3"	19 1/2	2	
W-SH-7	Balsa 1/16" x 3"	55	2	

A-SH-1	Balsa 1/16" x 4"	27 1/16	1	9x36"
A-SH-1	Balsa 1/16" x 4"	27 1/16	1	
A-SH-2	Balsa 1/16" x 4"	27 1/16	1	
A-SH-2	Balsa 1/16" x 4"	27 1/16	1	
FL-SH-1	Balsa 1/16" x 4"	27 1/4	2	
FL-SH-2	Balsa 1/16" x 4"	27 1/4	2	
R-SH-1	Balsa 1/16" x 4"	16 1/4	1	
R-SH-1	Balsa 1/16" x 4"	16 1/4	1	

FU-BB-01	Balsa 1/4" x 1 1/2"	6 3/8	2	6x36"
FU-BB-02	Balsa 1/4" x 1 1/2"	29 1/16	2	
FU-BB-03	Balsa 1/4" x 1 1/2"	28 15/16	2	
FU-BB-04	Balsa 1/4" x 1 1/2"	28 3/4	2	

A-LE-1	Balsa 1/4" x 1"	14 1/16	1	8x36" + 1x48"
A-LE-1	Balsa 1/4" x 1"	14 1/16	1	
A-LE-2	Balsa 1/4" x 1"	12 3/4	1	
A-LE-2	Balsa 1/4" x 1"	12 3/4	1	
E-LE-3	Balsa 1/4" x 1"	19 1/2	2	
FL-LE-1	Balsa 1/4" x 1"	14 3/8	1	
FL-LE-2	Balsa 1/4" x 1"	12 9/16	1	
FL-LE-5	Balsa 1/4" x 1"	10 5/8	1	
FL-LE-6	Balsa 1/4" x 1"	16 5/16	1	
FU-BB-05	Balsa 1/4" x 1"	14 7/8	2	
R-LE-1	Balsa 1/4" x 1"	15 1/4	1	
S-LE-2	Balsa 1/4" x 1"	17 1/4	2	
S-TE-1	Balsa 1/4" x 1"	38	1	
V-TE-1	Balsa 1/4" x 1"	15 13/16	1	
W-LE-2	Balsa 1/4" x 1"	55	2	

A-TE-1	Balsa 1/4" x 1/2"	27 1/16	1	6x36"
A-TE-1	Balsa 1/4" x 1/2"	27 1/16	1	
DA-LE-1	Balsa 1/4" x 1/2"	8 9/16	1	
DB-LE-1	Balsa 1/4" x 1/2"	16 1/2	1	
E-TE-1	Balsa 1/4" x 1/2"	19 1/2	2	
FL-TE-1	Balsa 1/4" x 1/2"	27 1/4	2	
R-TE-1	Balsa 1/4" x 1/2"	15 5/8	1	
WB-BL-1	Balsa 1/4" x 1/2"	1/2	16	

FU-ST-01	Balsa 1/4" x 1/4"	11 5/16	2	
FU-ST-02	Balsa 1/4" x 1/4"	11 7/16	2	
FU-ST-03	Balsa 1/4" x 1/4"	11 1/4	2	
FU-ST-04	Balsa 1/4" x 1/4"	7 5/8	2	
FU-ST-05	Balsa 1/4" x 1/4"	7 3/4	2	

FU-ST-06	Balsa 1/4" x 1/4"	6 7/16	2	17x36" 14x48" +
FU-ST-07	Balsa 1/4" x 1/4"	29 1/16	2	
FU-ST-08	Balsa 1/4" x 1/4"	10	1	
FU-ST-09	Balsa 1/4" x 1/4"	29 1/8	2	
FU-ST-10	Balsa 1/4" x 1/4"	29 3/16	2	
FU-ST-11	Balsa 1/4" x 1/4"	17 15/16	2	
FU-ST-12	Balsa 1/4" x 1/4"	36 9/16	2	
FU-ST-13	Balsa 1/4" x 1/4"	28 7/8	2	
FU-ST-14	Balsa 1/4" x 1/4"	28 7/8	2	
FU-ST-15	Balsa 1/4" x 1/4"	17 15/16	2	
S-MS-1	Balsa 1/4" x 1/4"	38 3/16	2	
W-ST-1	Balsa 1/4" x 1/4"	55	10	

E-LE-2	Balsa 1/4" x 3/4"	1 3/16	2	1x36"
R-LE-2	Balsa 1/4" x 3/4"	1	1	
V-LE-2	Balsa 1/4" x 3/4"	15 13/16	1	

W-TE-2	Balsa 1/8" x 1/2"	55	2	2x48" + 1x36"
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A-MS-1	Balsa 1/8" x 1/4"	27 1/16	1	6x36" + 2x48"
A-MS-1	Balsa 1/8" x 1/4"	27 1/16	1	
FL-MS-1	Balsa 1/8" x 1/4"	27 1/4	2	
R-MS-1	Balsa 1/8" x 1/4"	16 1/4	1	
R-MS-1	Balsa 1/8" x 1/4"	16 1/4	1	
R-MS-2	Balsa 1/8" x 1/4"	1	2	
V-MS-1	Balsa 1/8" x 1/4"	17 1/8	2	
W-TE-1	Balsa 1/8" x 1/4"	55	2	

E-LE-1	Balsa 1/8" x 1/8"	19 1/2	4	4x36"
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S-LE-1	Balsa 3/32" x 3"	17 1/4	2	4x36" + 2x48"
V-LE-1	Balsa 3/32" x 3"	15 13/16	1	
V-SH-1	Balsa 3/32" x 3"	15 13/16	2	
V-SH-2	Balsa 3/32" x 3"	15 13/16	2	
W-SH-6	Balsa 3/32" x 3"	55	2	

FU-SH-02	Balsa 3/32" x 4"	12	3	8x36" + 11x48"
FU-SH-03	Balsa 3/32" x 4"	35 3/4	1	
FU-SH-04	Balsa 3/32" x 4"	28 3/4	1	
FU-SH-05	Balsa 3/32" x 4"	28 5/8	2	
FU-SH-06	Balsa 3/32" x 4"	42 3/4	1	
FU-SH-07	Balsa 3/32" x 4"	6 5/8	1	
S-SH-1	Balsa 3/32" x 4"	19	2	
W-SH-1	Balsa 3/32" x 4"	55	2	
W-SH-2	Balsa 3/32" x 4"	55	2	
W-SH-3	Balsa 3/32" x 4"	55	2	
W-SH-4	Balsa 3/32" x 4"	55	2	
W-SH-5	Balsa 3/32" x 4"	55	2	

FU-TR-2	Balsa triangle 3/8"	2 1/8	8	1x36"
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W-TR-1	Balsa triangle 1/4"	1	8	1x8"
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W-MS-1	Hardwood 1/4" x 1/2"	55	4	2x36"
W-ST-2	Hardwood 1/4" x 1/2"	5	2	4x48"

FU-HW-1	Hardwood 1/4" x 1/4"	13 1/4	2	1x36"
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W-DW-1	Wood dowel Ø1/4"	3/4	2	1x2"
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Pilatus PC-6 Turbo Porter

Laser cutted parts listing

Part number	Description	Qty
A1	Balsa 3/32"	35
FUA3	Balsa 3/32"	1
FUA4	Balsa 3/32"	1
FUA5	Balsa 3/32"	2
FUA6	Balsa 3/32"	2
SSW1	Balsa 3/32"	8
W1	Balsa 3/32"	4
W9	Balsa 3/32"	2
W9A	Balsa 3/32"	2
WDA	Balsa 3/32"	2
WDF	Balsa 3/32"	2
WP1	Balsa 3/32"	12
WSW3	Balsa 3/32"	14
WSW4	Balsa 3/32"	4

DA	Balsa 1/8"	1
DA1	Balsa 1/8"	1
DA2	Balsa 1/8"	1
DA3	Balsa 1/8"	1
DA4	Balsa 1/8"	1
DB	Balsa 1/8"	1
DB1	Balsa 1/8"	1
DB2	Balsa 1/8"	1
DB3	Balsa 1/8"	1
DB4	Balsa 1/8"	1
DB5	Balsa 1/8"	1
E2B	Balsa 1/8"	12
E3	Balsa 1/8"	4
FU5C	Balsa 1/8"	4
FU5D	Balsa 1/8"	6
FUO	Balsa 1/8"	1
R3	Balsa 1/8"	5
R4	Balsa 1/8"	2
RH2	Balsa 1/8"	2
S2	Balsa 1/8"	14
S2B	Balsa 1/8"	2
S5	Balsa 1/8"	2
V2	Balsa 1/8"	2
V2A	Balsa 1/8"	2
V3	Balsa 1/8"	5
V5	Balsa 1/8"	1
W5B	Balsa 1/8"	4
W6	Balsa 1/8"	21
W6A	Balsa 1/8"	8
W8B	Balsa 1/8"	2

E2A	Balsa 1/4"	6
FU14A	Balsa 1/4"	2
FU9A	Balsa 1/4"	2
FUW	Balsa 1/4"	2
S2A	Balsa 1/4"	6
WB	Balsa 1/4"	2

A3	Laserboard 1/64"	19
A4	Laserboard 1/64"	5
E2C	Laserboard 1/64"	12
FUA1	Laserboard 1/64"	1
FUA2	Laserboard 1/64"	1
W1A	Laserboard 1/64"	2
W1A	Laserboard 1/64"	2
W9B	Laserboard 1/64"	2
W9C	Laserboard 1/64"	2
WP2	Laserboard 1/64"	12

FUK	Ply 1/16"	1
S4	Ply 1/16"	2
VA	Ply 1/16"	2

Part number	Description	Qty
A2	Ply 1/8"	16
A5	Ply 1/8"	4
E1A	Ply 1/8"	2
E4	Ply 1/8"	2
FU10L	Ply 1/8"	1
FU10R	Ply 1/8"	1
FU11L	Ply 1/8"	1
FU11R	Ply 1/8"	1
FU12	Ply 1/8"	2
FU13	Ply 1/8"	2
FU14	Ply 1/8"	2
FU15	Ply 1/8"	2
FU16	Ply 1/8"	1
FU2	Ply 1/8"	2
FU3	Ply 1/8"	4
FU3A	Ply 1/8"	2
FU4	Ply 1/8"	2
FU5	Ply 1/8"	4
FU5B	Ply 1/8"	12
FU6	Ply 1/8"	2
FU7A	Ply 1/8"	1
FU7B	Ply 1/8"	1
FU8	Ply 1/8"	2
FU9	Ply 1/8"	2
FUB	Ply 1/8"	8
FUC	Ply 1/8"	3
FUD1	Ply 1/8"	3
FUD2	Ply 1/8"	2
FUD3	Ply 1/8"	1
FUD4	Ply 1/8"	1
FUD5	Ply 1/8"	4
FUD7	Ply 1/8"	1
FUD8	Ply 1/8"	2
FUE1A	Ply 1/8"	2
FUE1B	Ply 1/8"	2
FUE2	Ply 1/8"	1
FUE3	Ply 1/8"	1
FUE4	Ply 1/8"	1
FUF	Ply 1/8"	2
FUG	Ply 1/8"	2
FUJ	Ply 1/8"	2
FUJA	Ply 1/8"	2
FUL	Ply 1/8"	1
FUM	Ply 1/8"	1
FUN2	Ply 1/8"	1
FUP	Ply 1/8"	2
FUQ	Ply 1/8"	2
R1A	Ply 1/8"	1
R1B	Ply 1/8"	1
R2	Ply 1/8"	4
RH1	Ply 1/8"	4
S1	Ply 1/8"	2
SA	Ply 1/8"	4
SB	Ply 1/8"	1
V1	Ply 1/8"	1
W2	Ply 1/8"	2
W3	Ply 1/8"	2
W4	Ply 1/8"	1
W4L	Ply 1/8"	1
W5	Ply 1/8"	3
W7	Ply 1/8"	4
WS5	Ply 1/8"	20
WSW1	Ply 1/8"	2
WSW2	Ply 1/8"	6

FU1	Ply 1/4"	1
FUVA	Ply 1/4"	1
FUVB	Ply 1/4"	1
FUVC	Ply 1/4"	4
WA	Ply 1/4"	2

Pilatus PC-6 Turbo Porter

Horizontal Stab. & Elevator

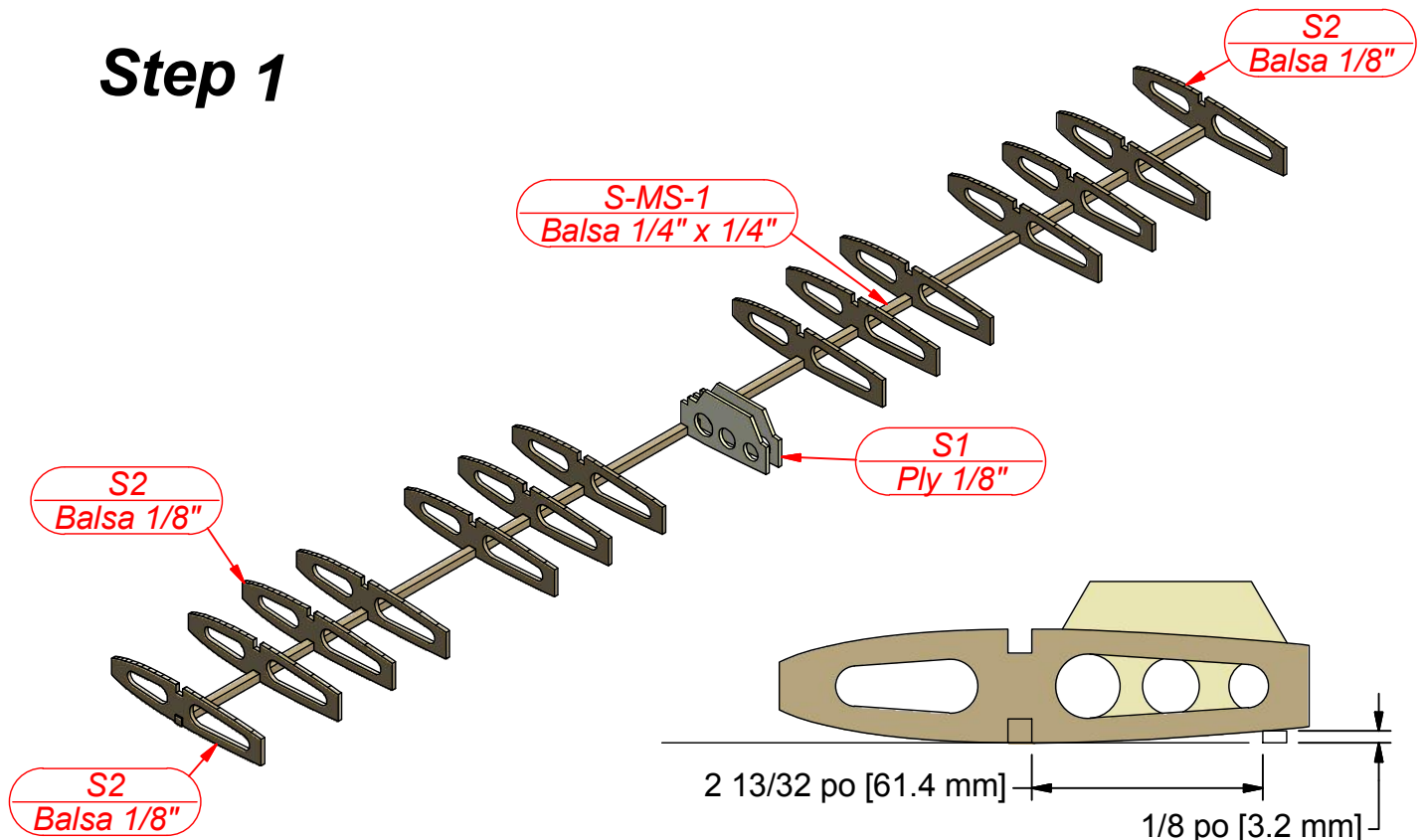
Parts listing

Part Number	Description	Qty
S-LE-1	Balsa 3/32" x 3"	2
S-LE-2	Balsa 1/4" x 1"	2
S-MS-1	Balsa 1/4" x 1/4"	2
S-SH-1	Balsa 3/32" x 4"	2
S-TE-1	Balsa 1/4" x 1"	1
S1	Ply 1/8"	2
S2	Balsa 1/8"	14
S2A	Balsa 1/4"	6
S2B	Balsa 1/8"	2
S4	Ply 1/16"	2
S5	Balsa 1/8"	2
SB	Ply 1/8"	1
SSW1	Balsa 3/32"	8

Parts listing

Part Number	Description	Qty
DUB-716	Control Horn	2
E-LE-1	Balsa 1/8" x 1/8"	4
E-LE-2	Balsa 1/4" x 3/4"	2
E-LE-3	Balsa 1/4" x 1"	2
E-SH-1	Balsa 1/16" x 3"	2
E-SH-2	Balsa 1/16" x 3"	2
E-TE-1	Balsa 1/4" x 1/2"	2
E1A	Ply 1/8"	2
E2A	Balsa 1/4"	6
E2B	Balsa 1/8"	12
E2C	Laserboard 1/64"	12
E3	Balsa 1/8"	4
E4	Ply 1/8"	2
Robert Hinge	Robert Hinge Ø3/16"	6

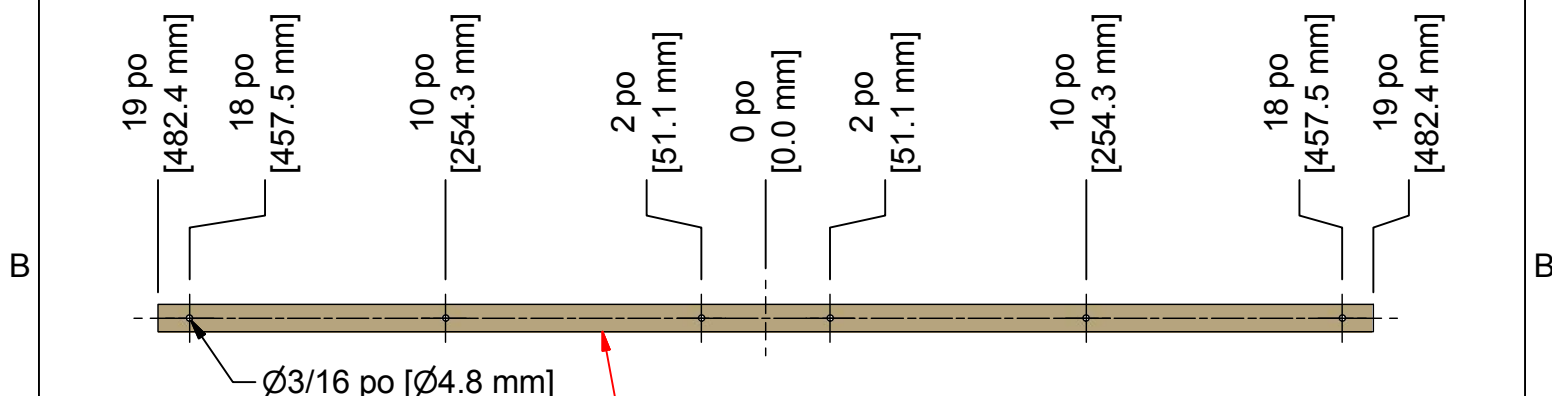
Step 1



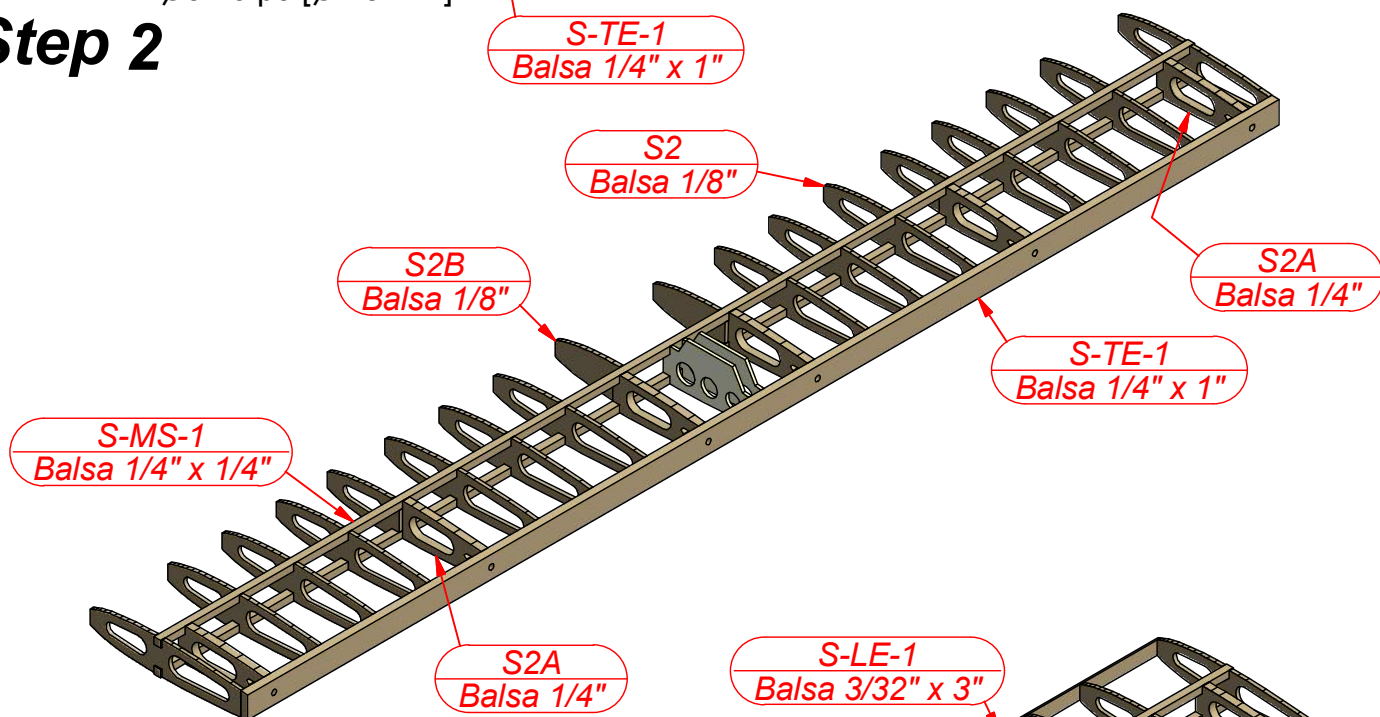
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Pilatus PC-6 Turbo Porter

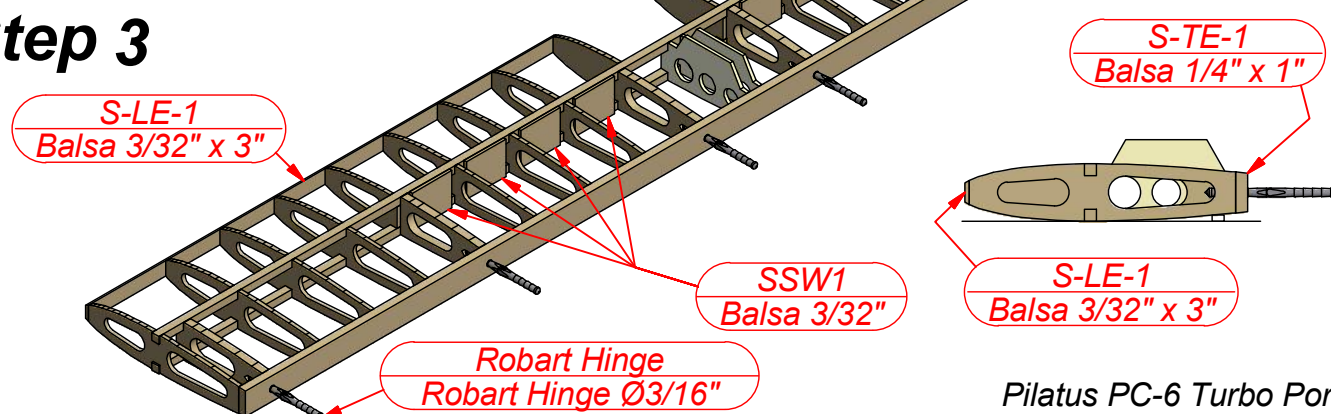
Horizontal Stab. & Elevator



Step 2



Step 3

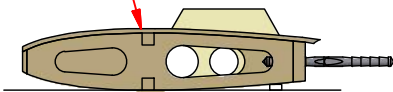


Pilatus PC-6 Turbo Porter

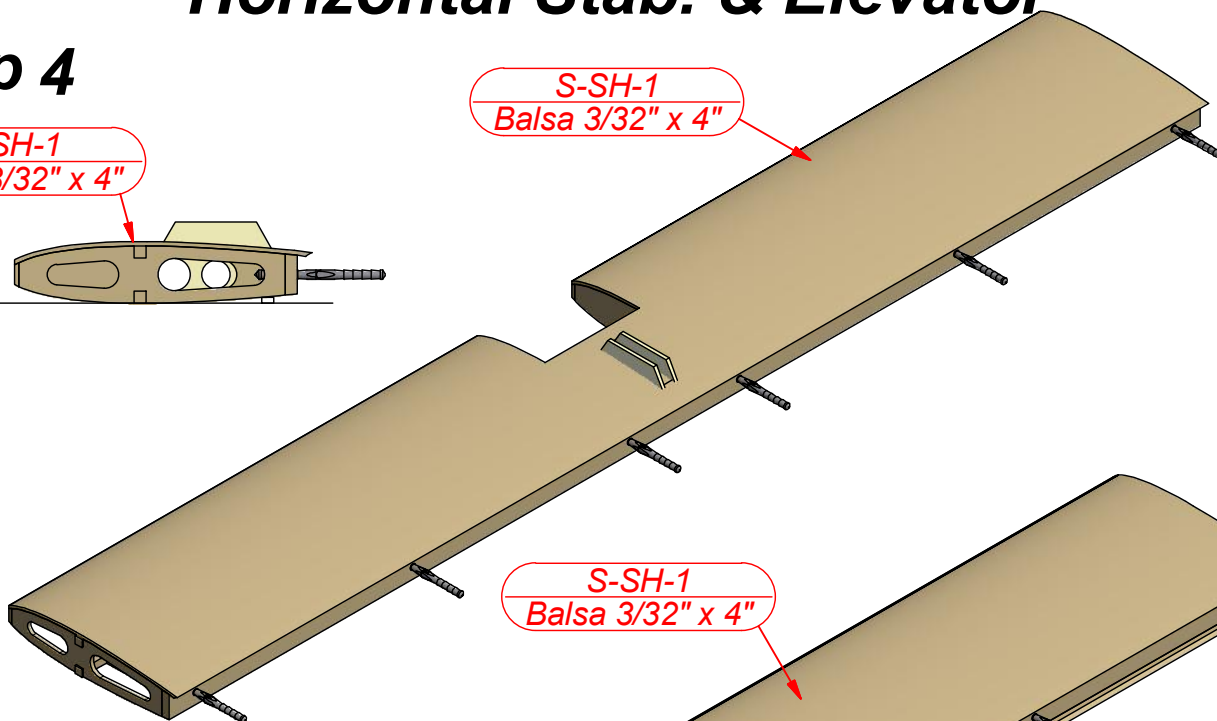
Horizontal Stab. & Elevator

Step 4

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



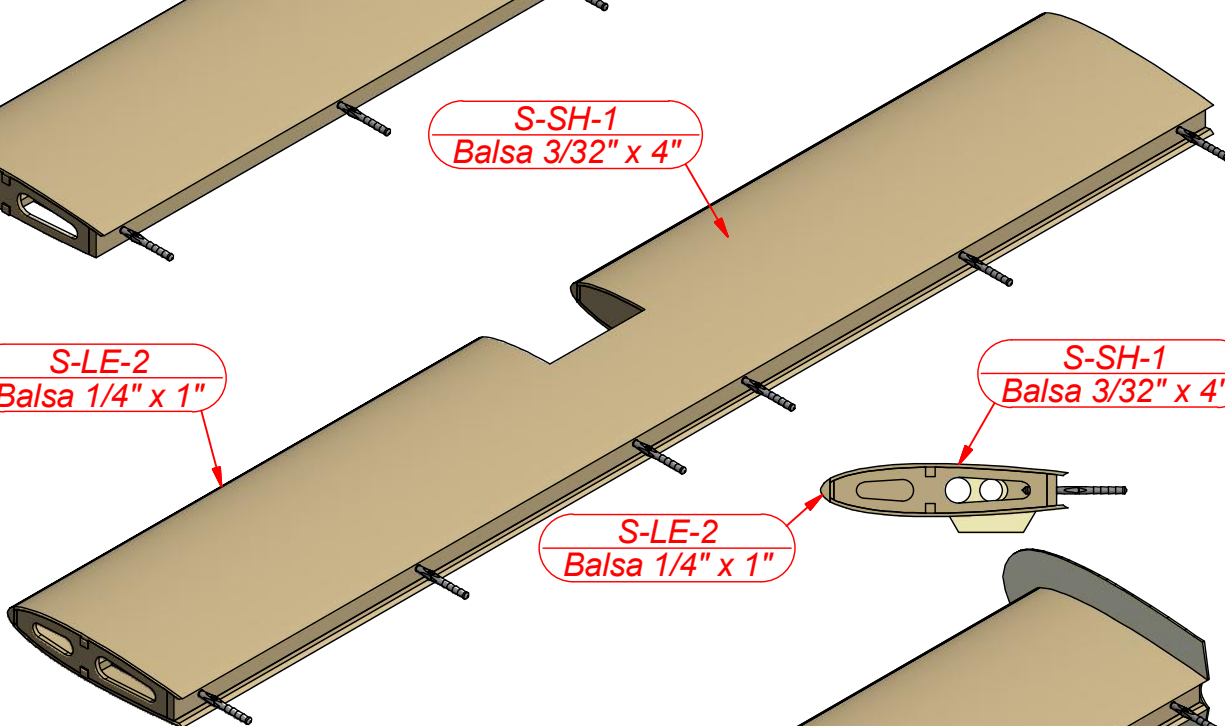
S-SH-1
Balsa 3/32" x 4"



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

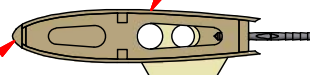
S-LE-2
Balsa 1/4" x 1"

Step 5



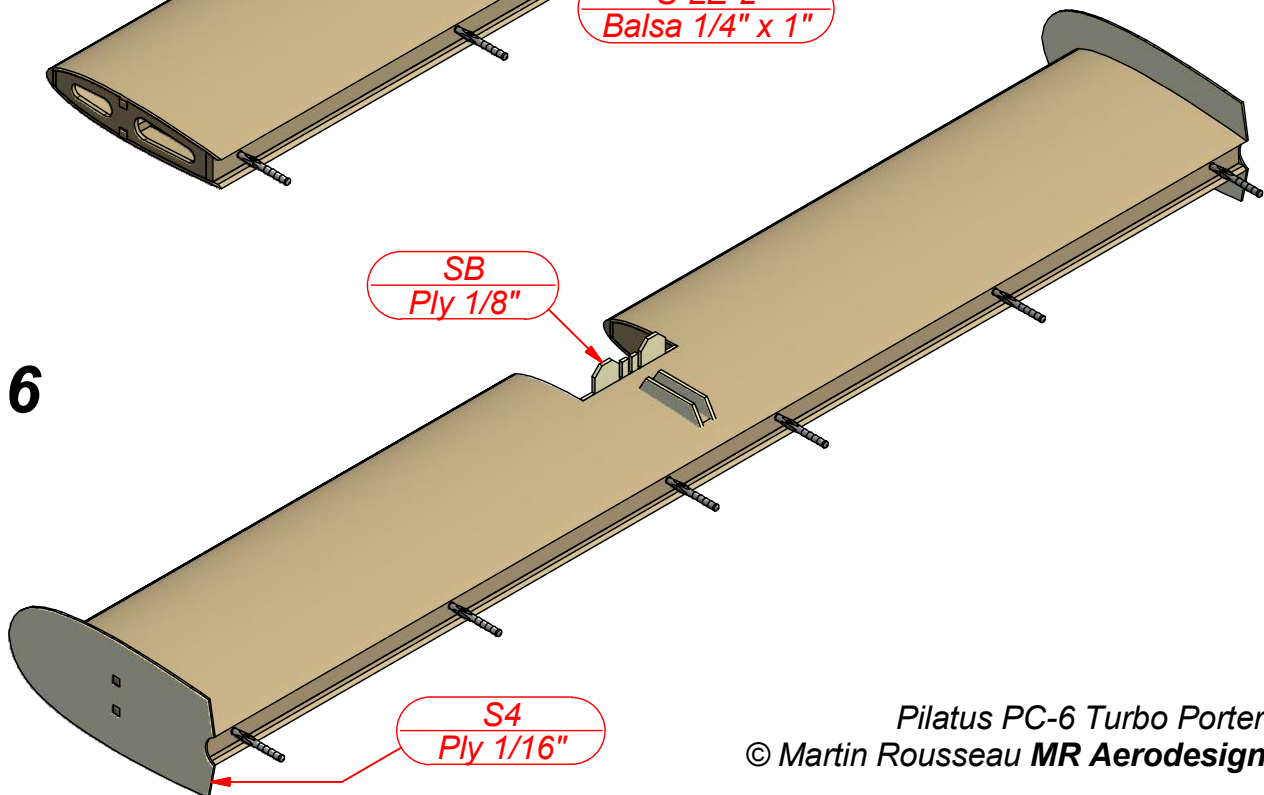
S-SH-1
Balsa 3/32" x 4"

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



SB
Ply 1/8"

Step 6



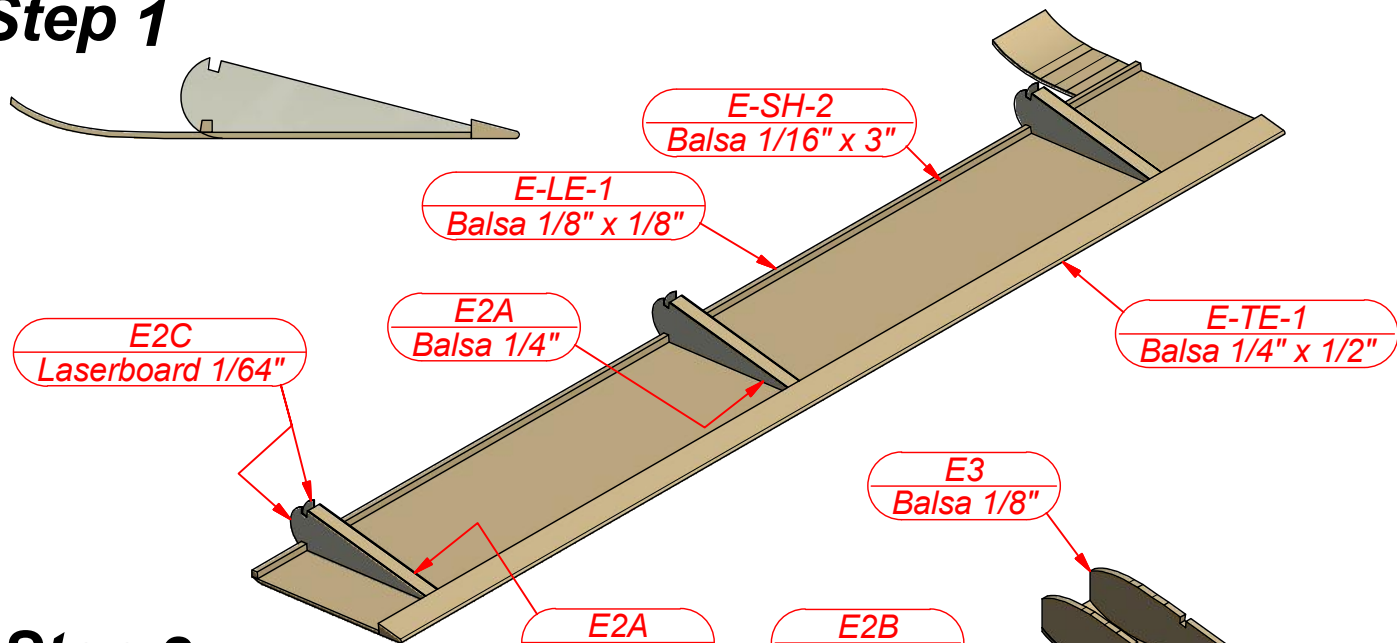
S4
Ply 1/16"

Pilatus PC-6 Turbo Porter
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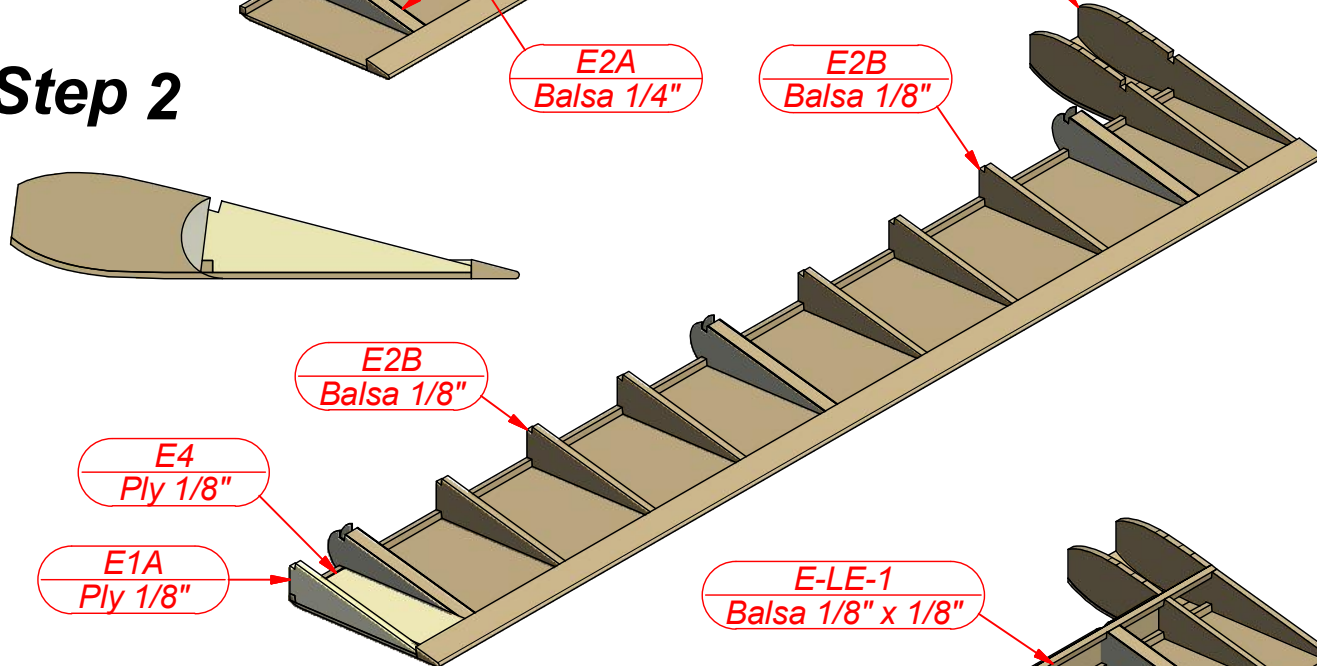
Pilatus PC-6 Turbo Porter

Horizontal Stab. & Elevator

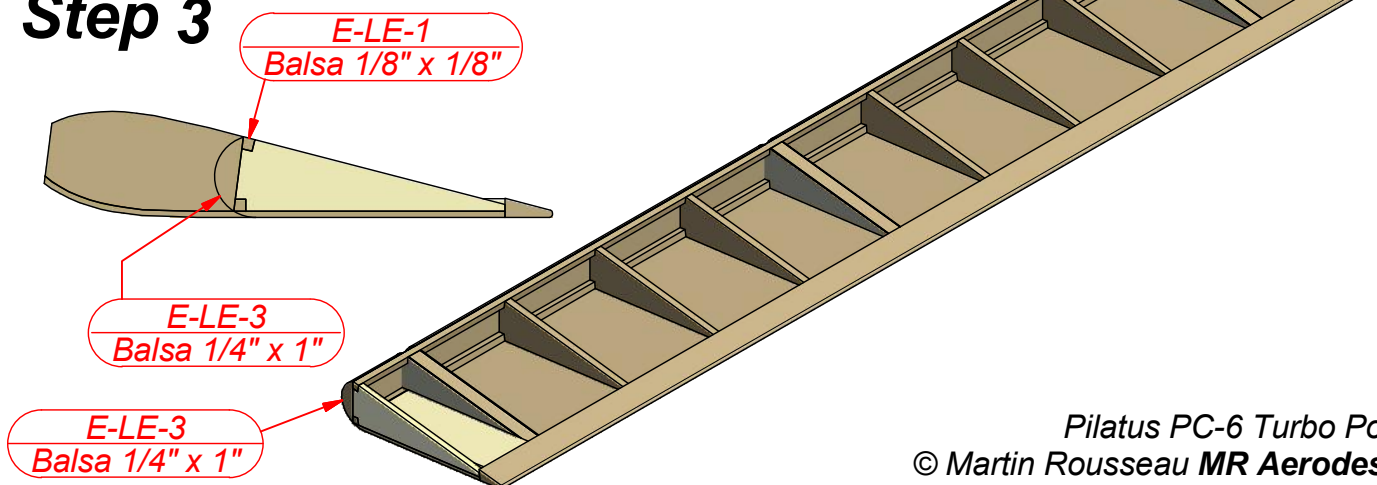
Step 1



Step 2



Step 3

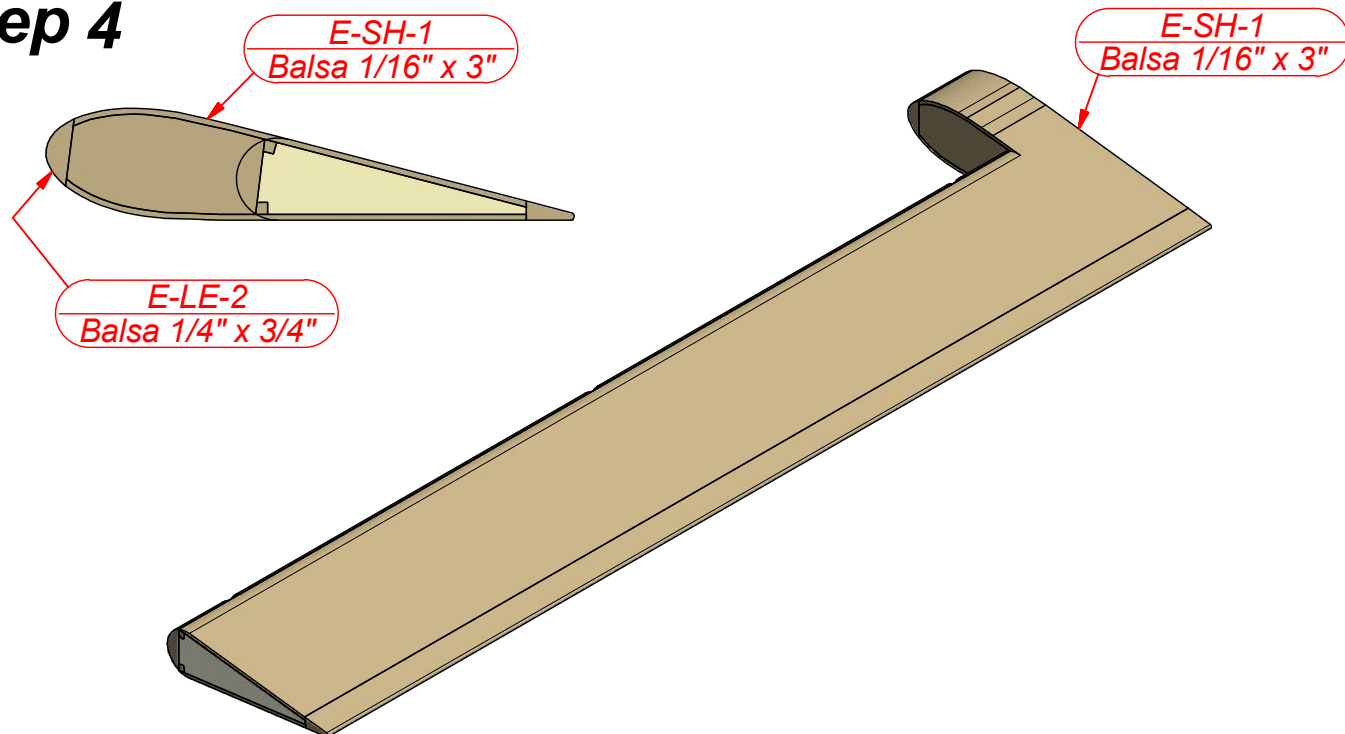




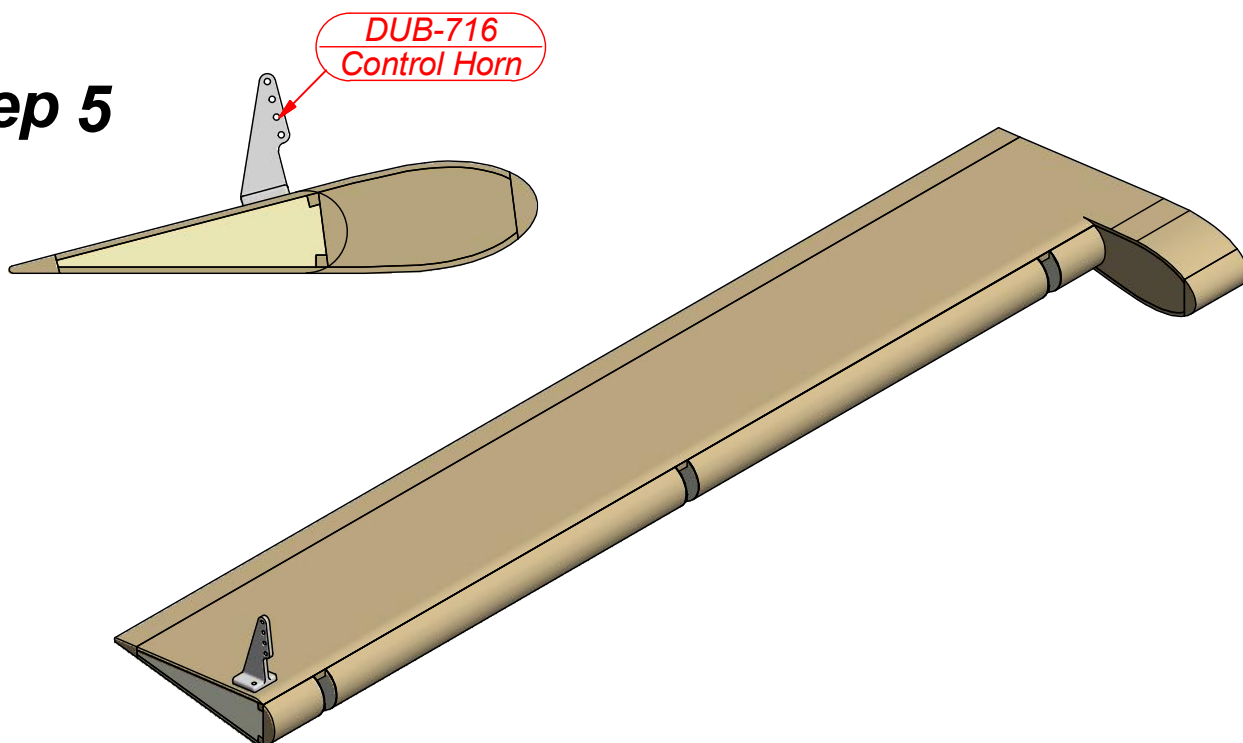
Pilatus PC-6 Turbo Porter

Horizontal Stab. & Elevator

Step 4



Step 5





Pilatus PC-6 Turbo Porter

Vert. Stab. & Rudder

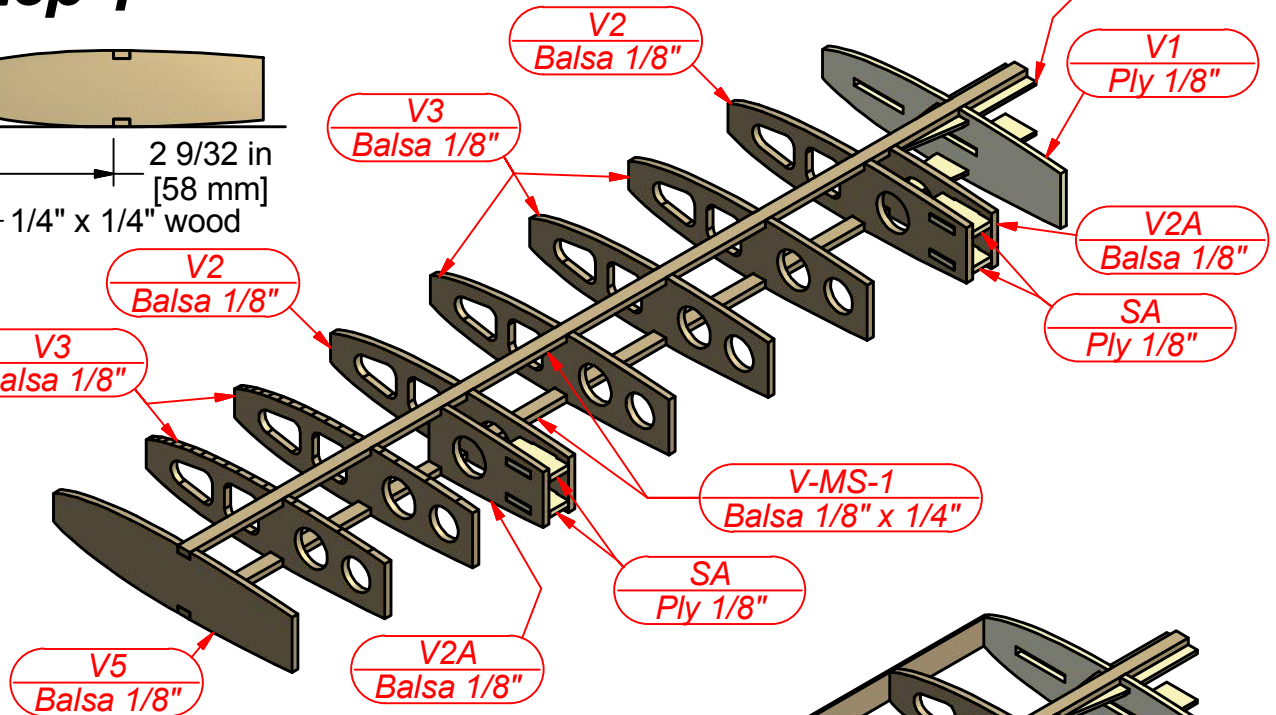
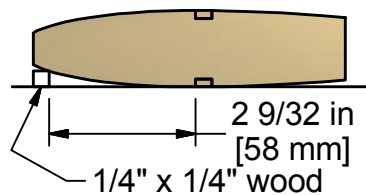
List of material		
Part number	Material	Qty
DUB557	3/32" E/Z Adjust horn bracket	2
R-BT-1	Brass tube Ø7/32" x Ø1/4"	1
R-BT-2	Steel rod Ø3/32"	1
R-BT-3	Brass tube Ø1/4" x Ø9/32"	1
RH1	Ply 1/8"	4
RH2	Balsa 1/8"	2
R-LE-1	Balsa 1/4" x 1"	1
R-LE-2	Balsa 1/4" x 3/4"	1
R-MS-1	Balsa 1/8" x 1/4"	1
R-MS-1	Balsa 1/8" x 1/4"	1
R-MS-2	Balsa 1/8" x 1/4"	2
R-SH-1	Balsa 1/16" x 4"	1
R-SH-1	Balsa 1/16" x 4"	1
R-TE-1	Balsa 1/4" x 1/2"	1
R1-A	Ply 1/8"	1
R1-B	Ply 1/8"	1
R2	Ply 1/8"	4
R3	Balsa 1/8"	5
R4	Balsa 1/8"	2
S-BT-2	Brass tube Ø1/4" x Ø9/32"	2
SA	Ply 1/8"	4
SH-N4-016	Socket Head Screw 4-40 x 1"	2
SS2-07	Servo Screw #2x7/16"	2
V-LE-1	Balsa 3/32" x 3"	1
V-LE-2	Balsa 1/4" x 3/4"	1
V-MS-1	Balsa 1/8" x 1/4"	2
V-SH-1	Balsa 3/32" x 3"	2
V-SH-2	Balsa 3/32" x 3"	2
V-TE-1	Balsa 1/4" x 1"	1
V1	Ply 1/8"	1
V2	Balsa 1/8"	2
V2A	Balsa 1/8"	2
V3	Balsa 1/8"	5
V5	Balsa 1/8"	1
VA	Ply 1/16"	2



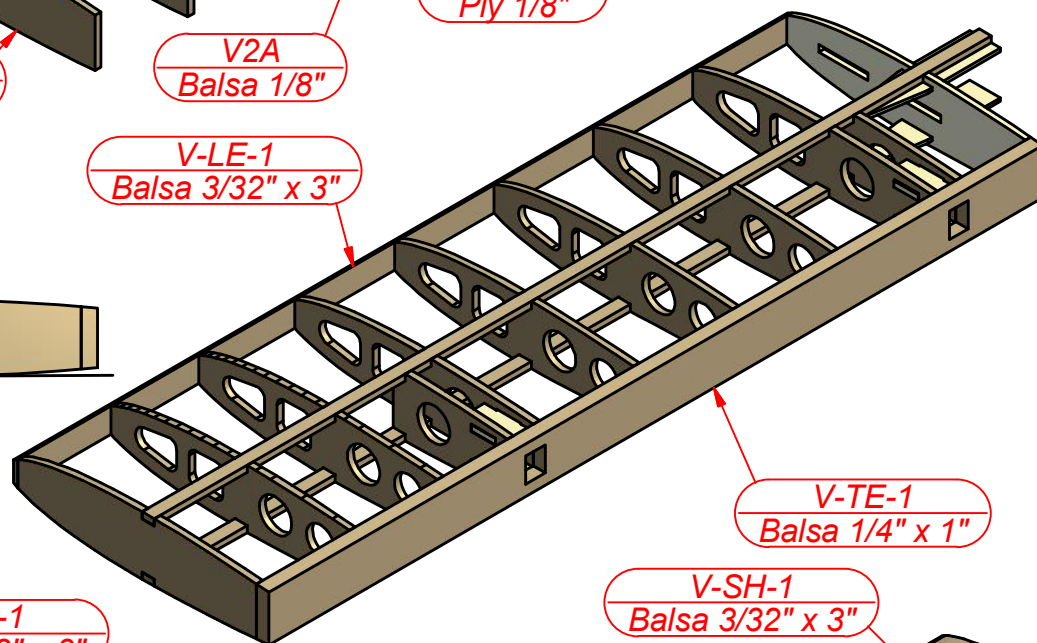
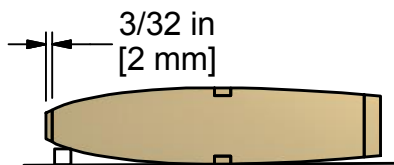
Pilatus PC-6 Turbo Porter

Vert. Stab. & Rudder

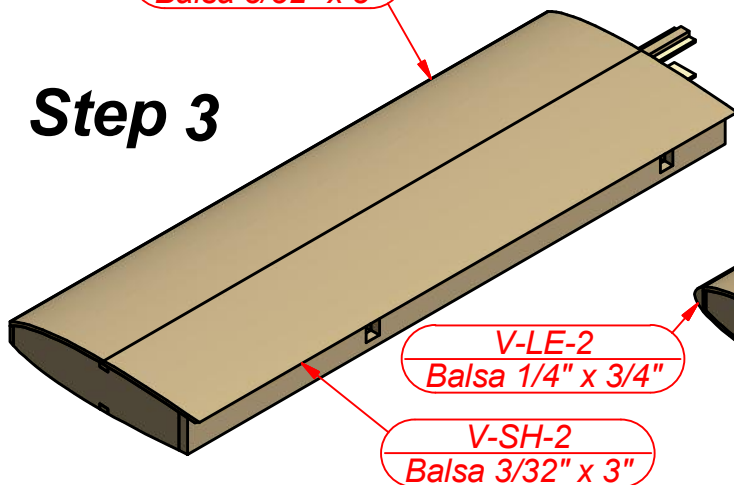
Step 1



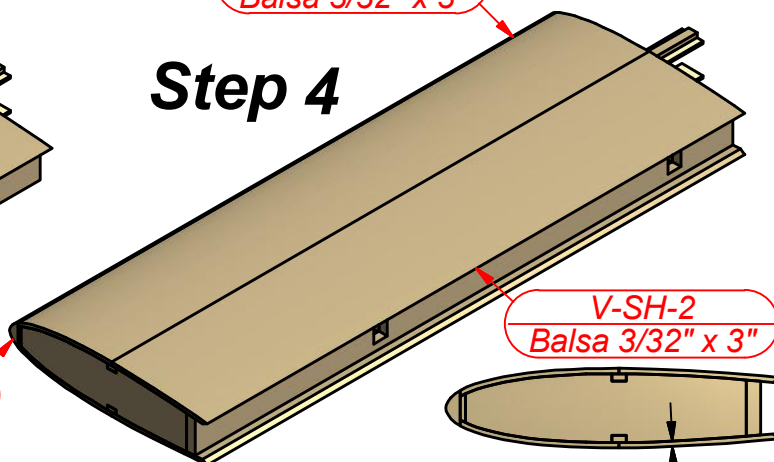
Step 2



Step 3



Step 4



Pilatus PC-6 Turbo Porter
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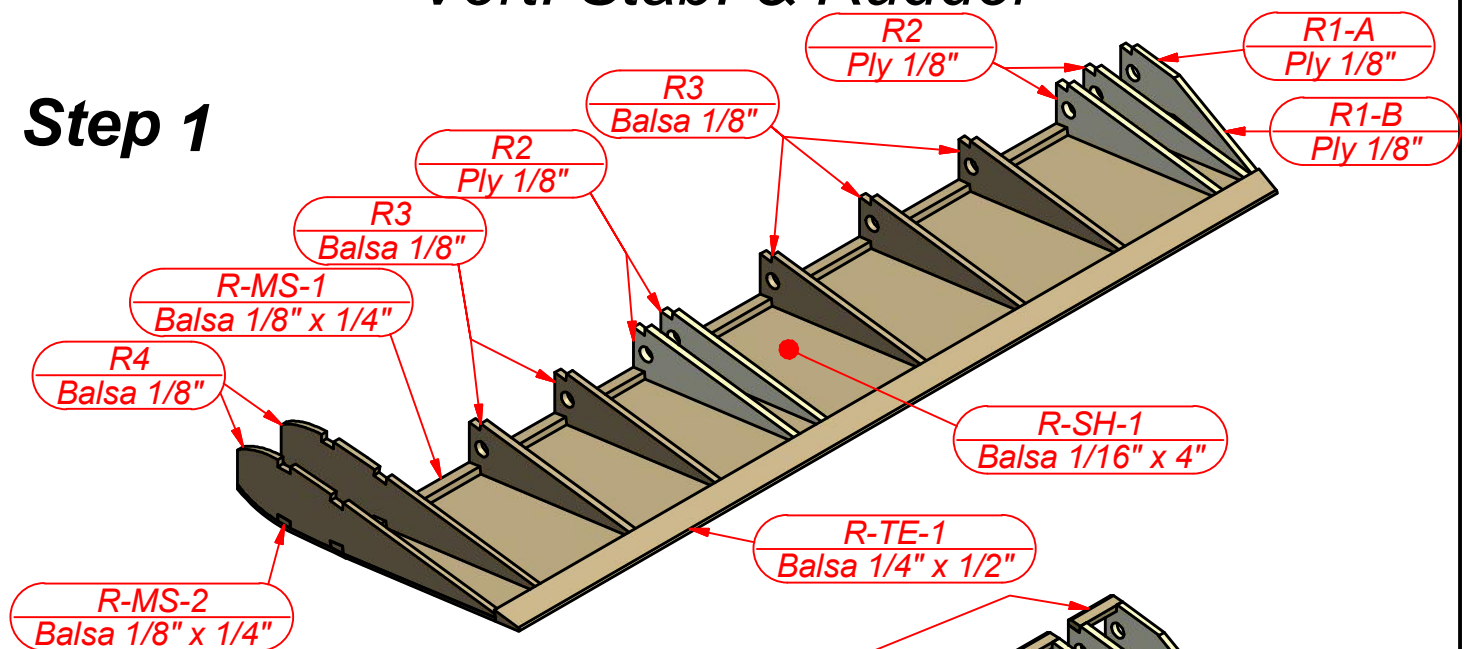
3/32 in
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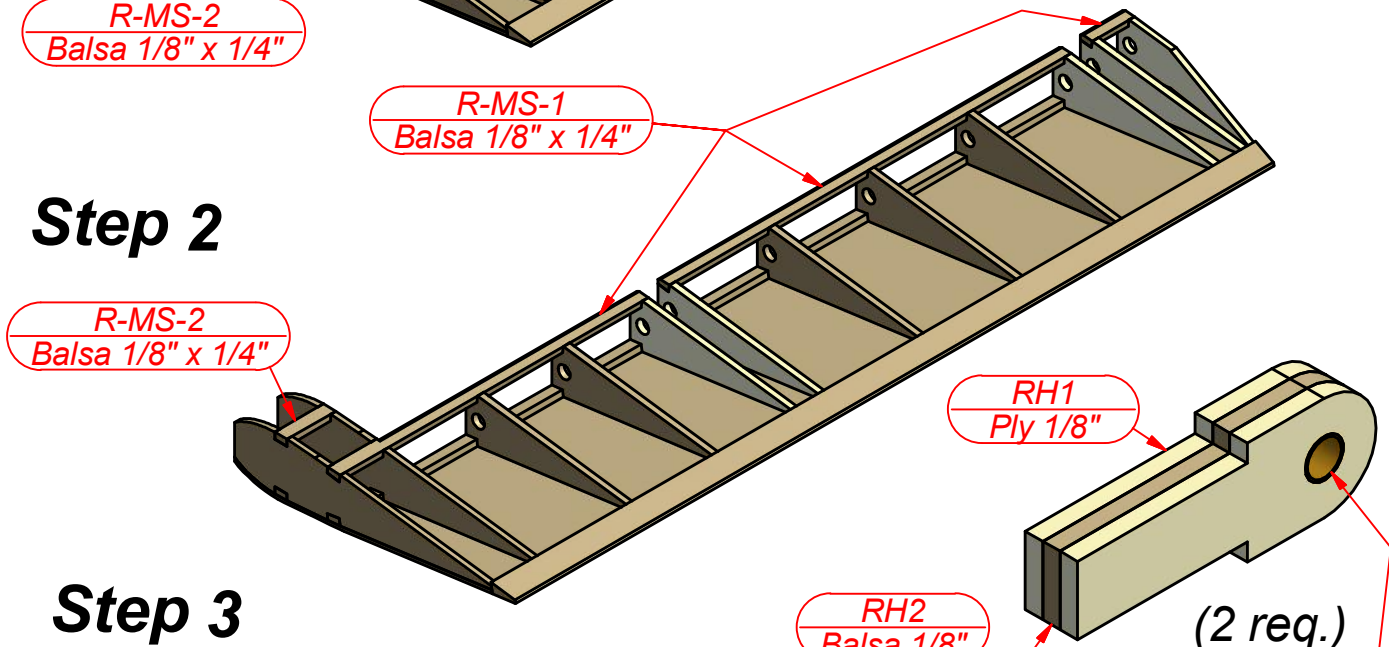
Pilatus PC-6 Turbo Porter

Vert. Stab. & Rudder

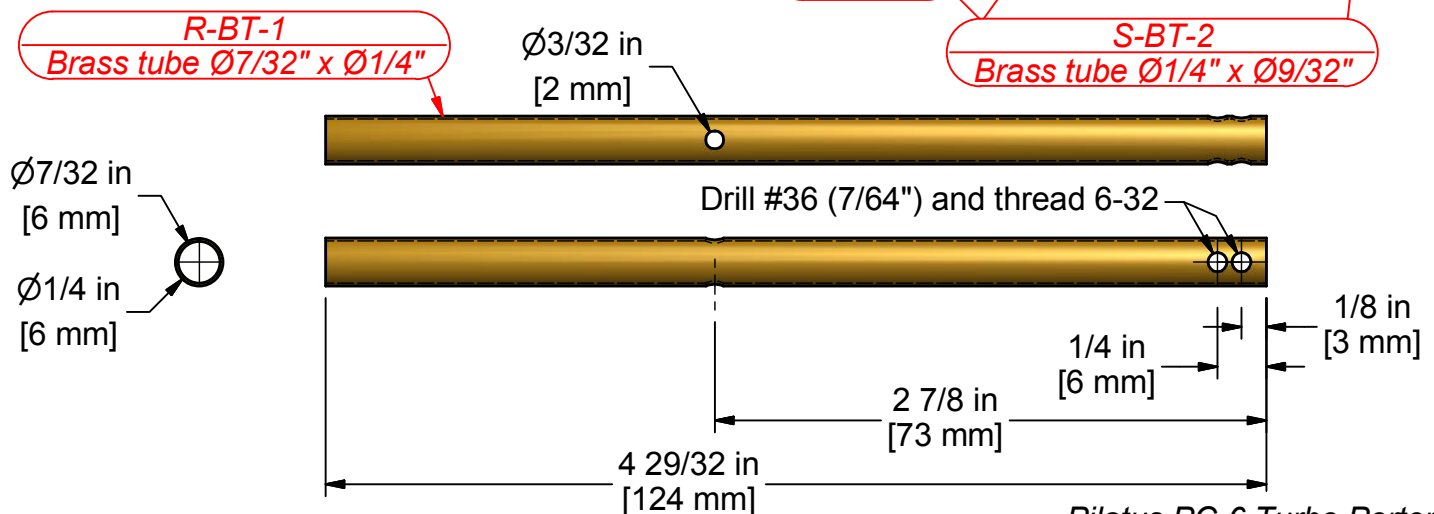
Step 1



Step 2



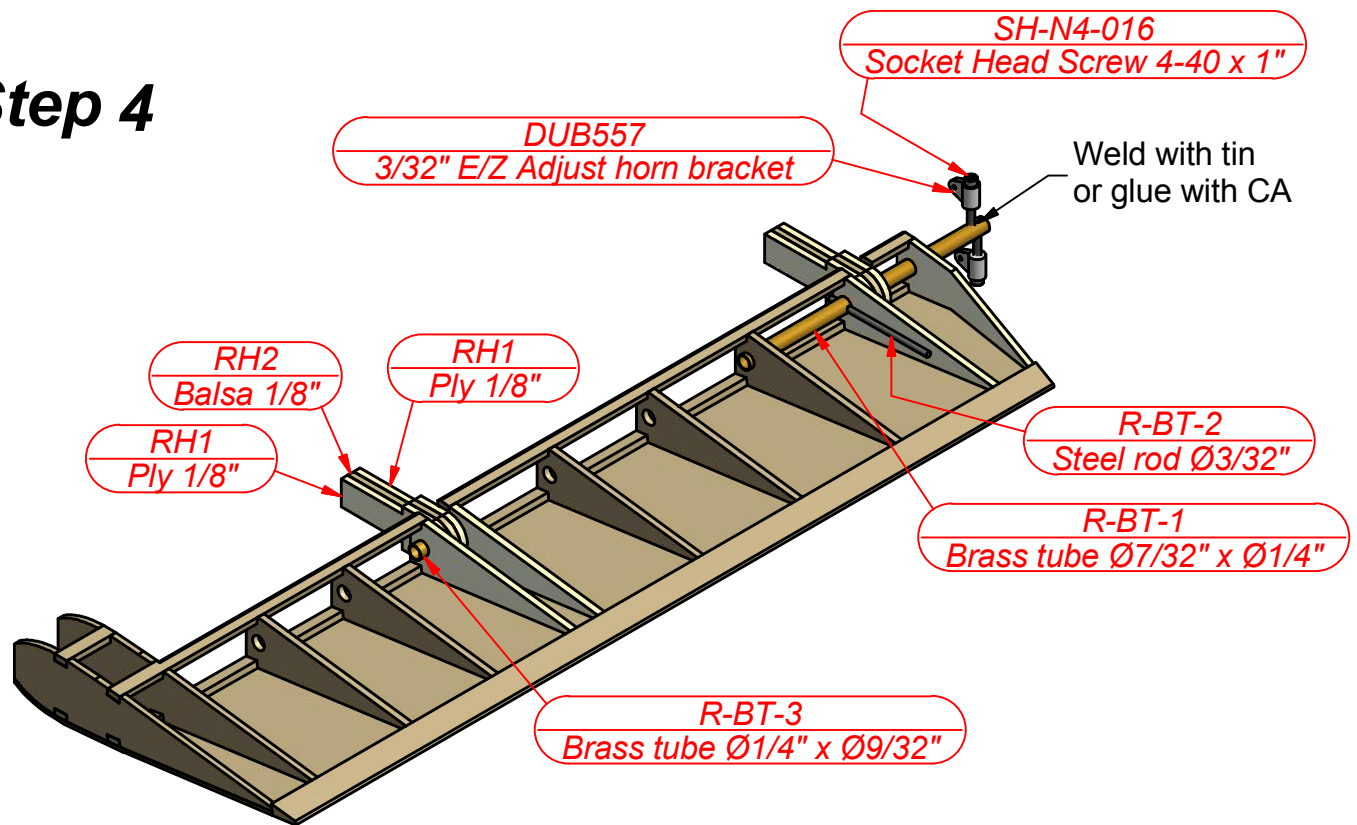
Step 3



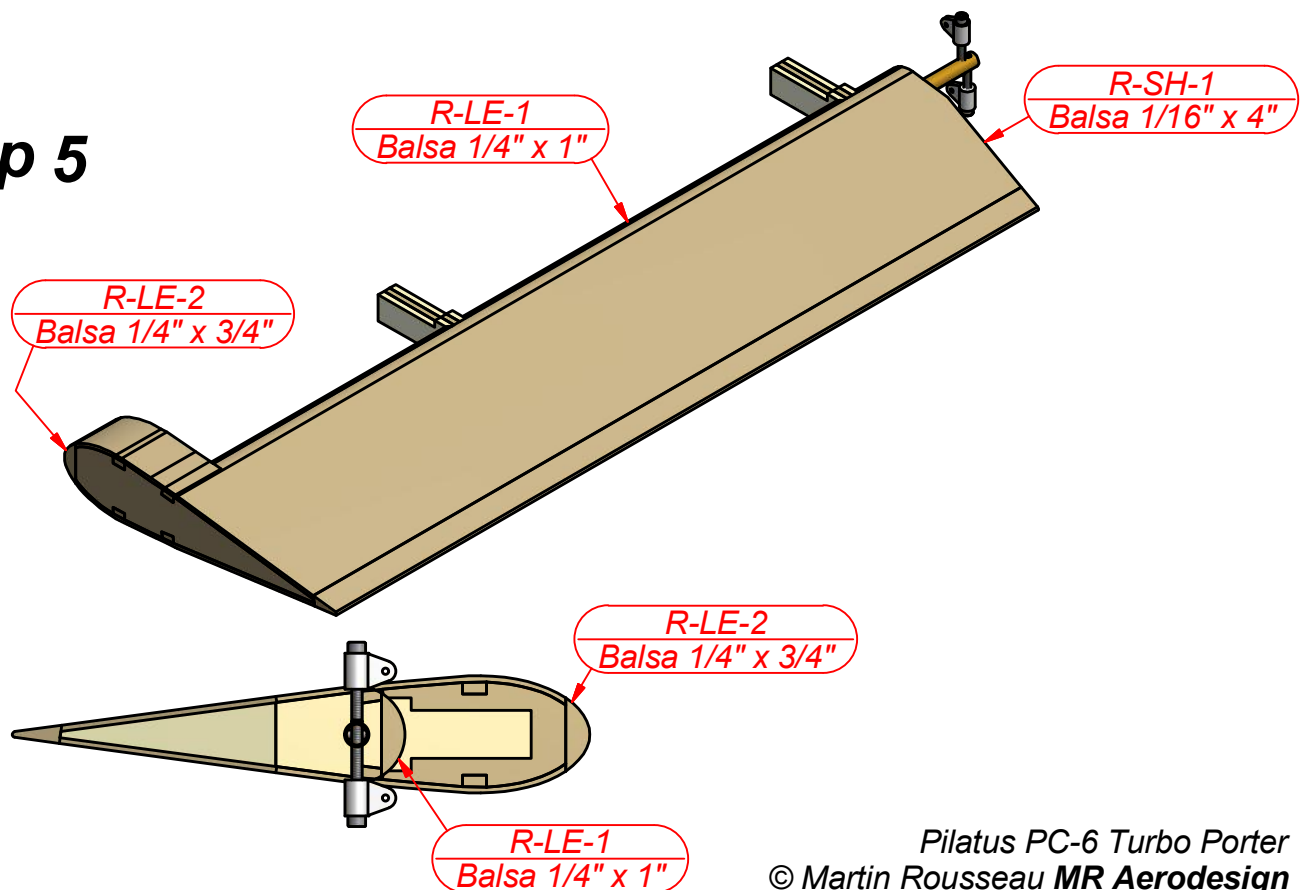
Pilatus PC-6 Turbo Porter

Vert. Stab. & Rudder

Step 4



Step 5



Pilatus PC-6 Turbo Porter Aileron & Flap

Aileron listing

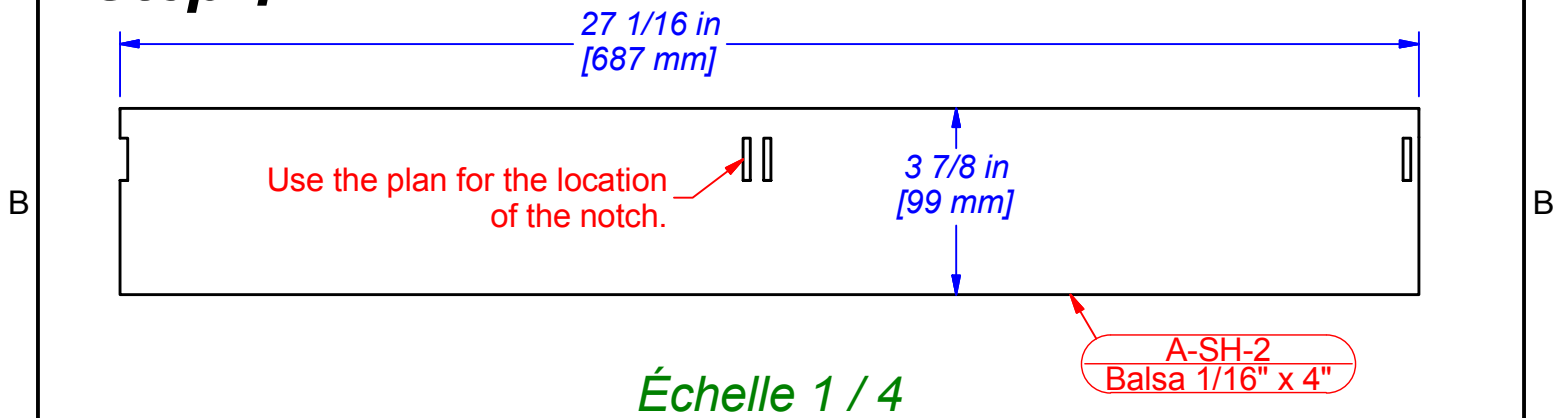
Parts listing (For 1 aileron)		
Part number	Description	Qty
A-1	Balsa 3/32"	9
A-2	Ply 1/8"	4
A-3	Ply 1/64"	4
A-4	Ply 1/64"	2
A-5	Ply 1/8"	2
A-LE-1	Balsa 1/4" x 1"	1
A-LE-2	Balsa 1/4" x 1"	1
A-MS-1	Balsa 1/8" x 1/4"	1
A-SH-1	Balsa 1/16" x 4"	1
A-SH-2	Balsa 1/16" x 4"	1
A-TE-1	Balsa 1/4" x 1/2"	1
DUB861	Swivel Ball link 4-40	1
NN-4-SS	#4-40 Nylock Nut (SS)	1
SH-N4-012	Socket Head Screw 4-40 x 3/4"	1

Flap listing

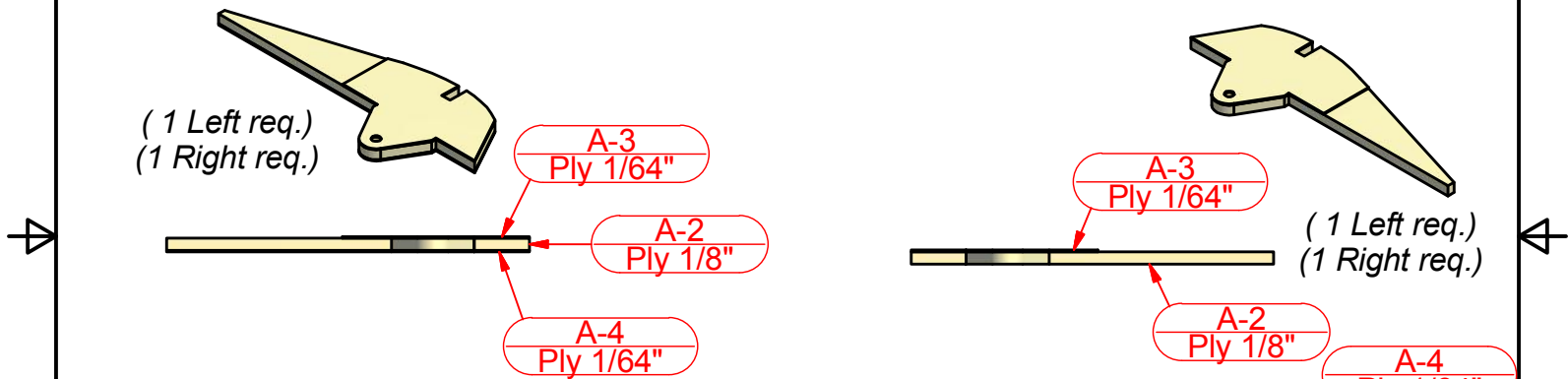
Parts listing (For 1 flap)		
Part number	Description	Qty
A-1	Balsa 3/32"	9
A-2	Ply 1/8"	4
A-3	Ply 1/64"	5
A-4	Ply 1/64"	1
A-5	Ply 1/8"	2
DUB861	Swivel Ball link 4-40	1
FL-LE-1	Balsa 1/4" x 1"	1
FL-LE-2	Balsa 1/4" x 1"	1
FL-MS-1	Balsa 1/8" x 1/4"	1
FL-SH-1	Balsa 1/16" x 4"	1
FL-SH-2	Balsa 1/16" x 4"	1
FL-TE-1	Balsa 1/4" x 1/2"	1
NN-4-SS	#4-40 Nylock Nut (SS)	1
SH-N4-012	Socket Head Screw 4-40 x 3/4"	1

Pilatus PC-6 Turbo Porter Aileron

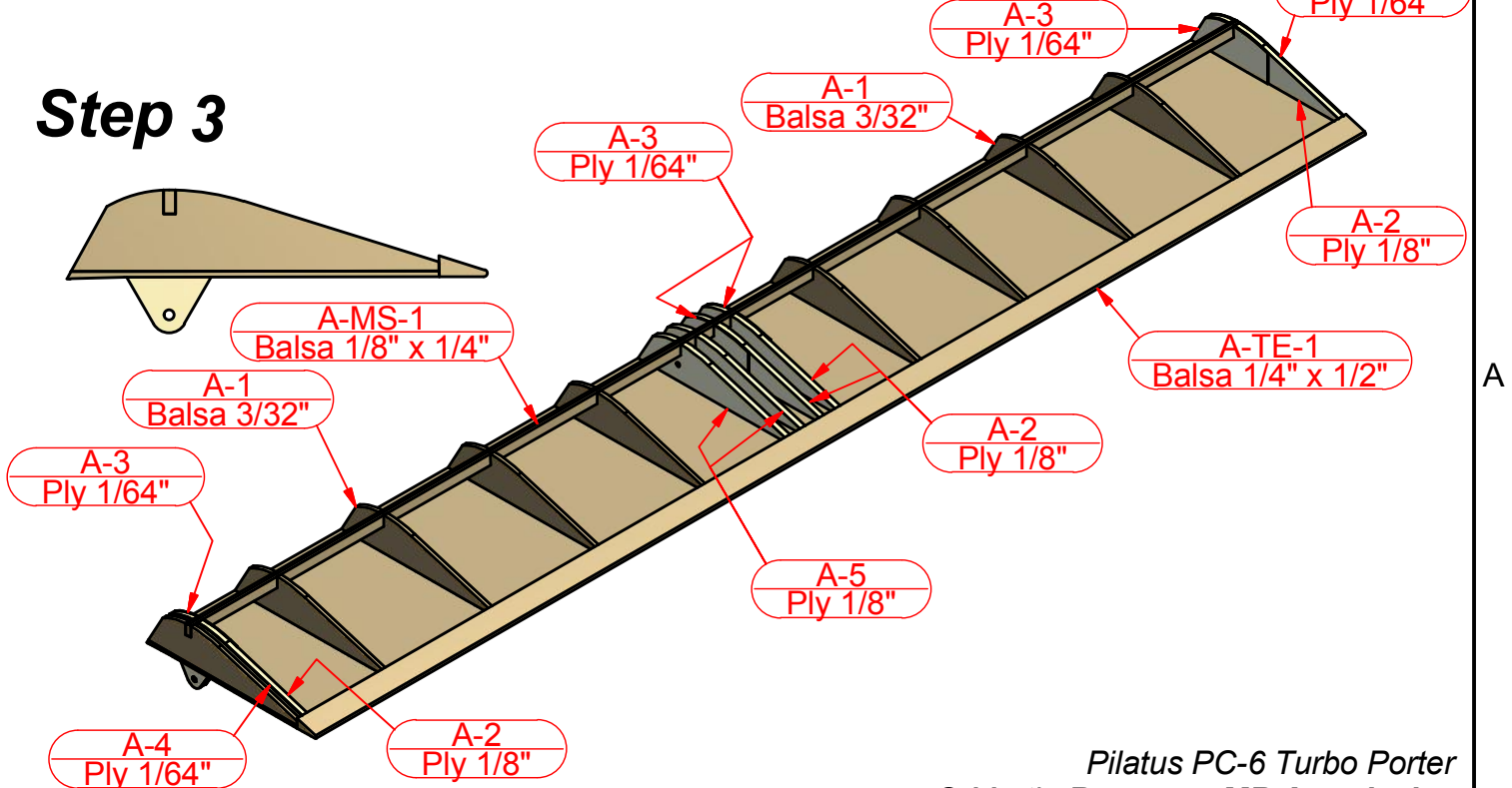
Step 1



Step 2

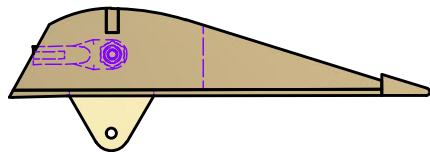


Step 3



Pilatus PC-6 Turbo Porter Aileron

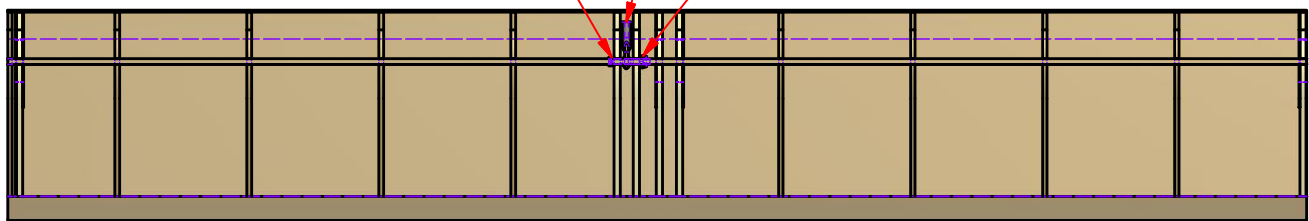
Step 4



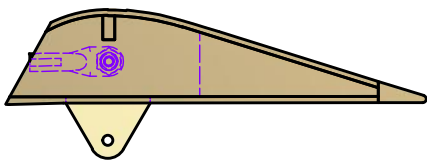
SH-N4-012
Socket Head Screw 4-40 x 3/4"

DUB861
Swivel Ball link 4-40

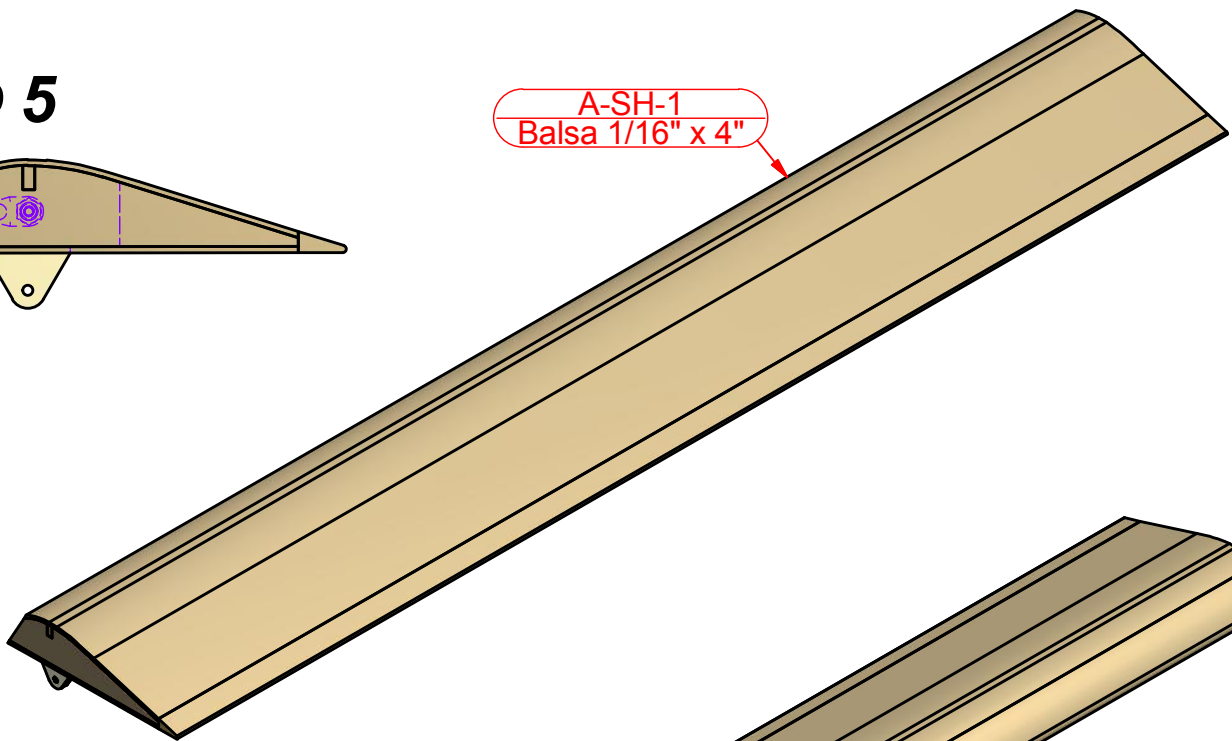
NN-4-SS
#4-40 Nylock Nut (SS)



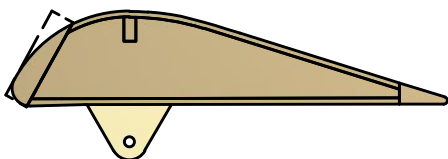
Step 5



A-SH-1
Balsa 1/16" x 4"

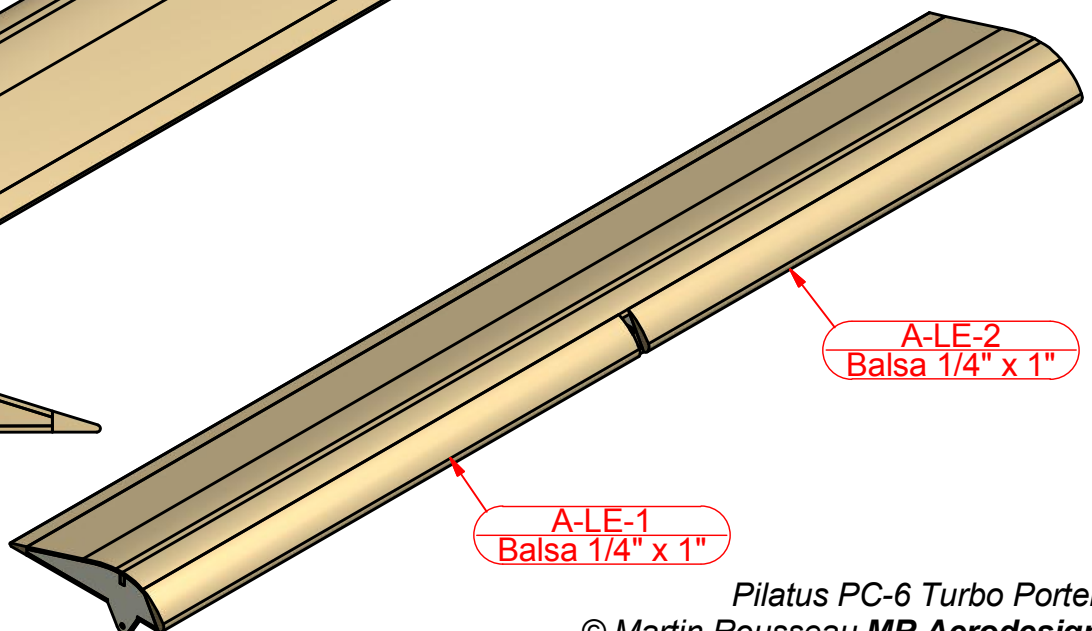


Step 6



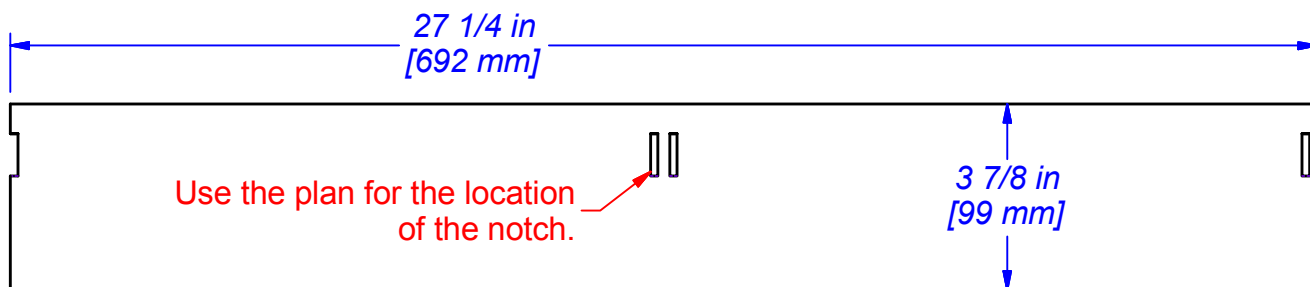
A-LE-2
Balsa 1/4" x 1"

A-LE-1
Balsa 1/4" x 1"



Pilatus PC-6 Turbo Porter Flap

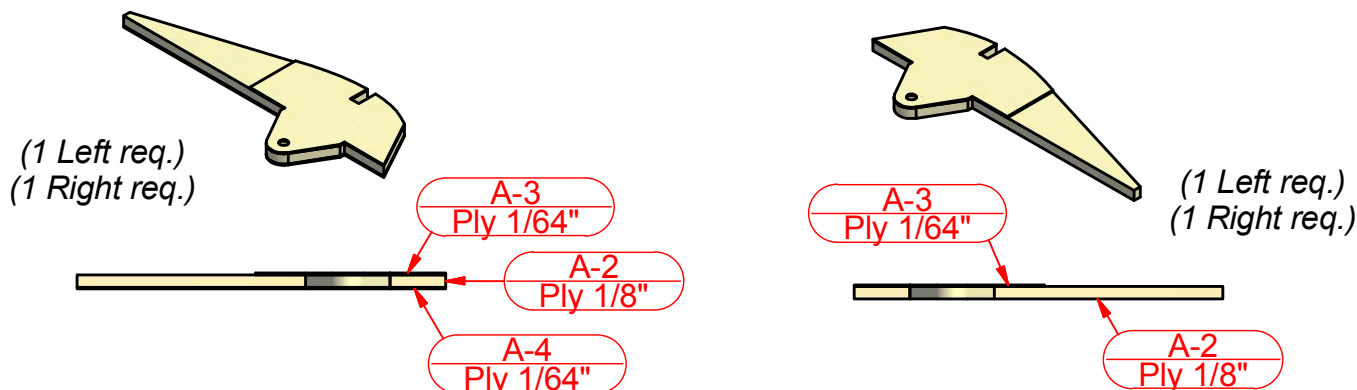
Step 1



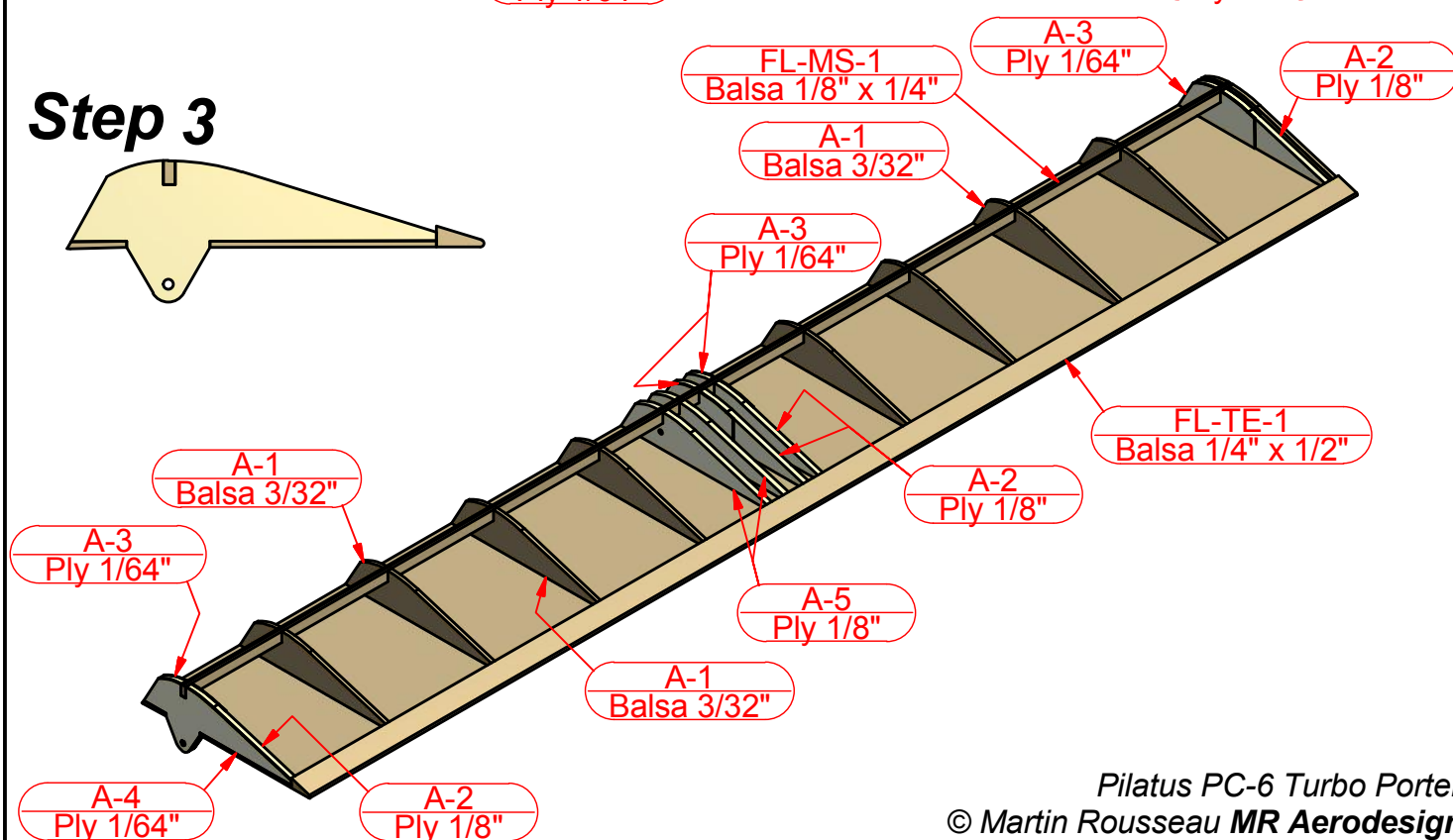
FL-SH-2
Balsa 1/16" x 4"

Échelle 1 : 4

Step 2

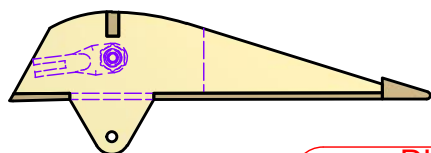


Step 3



Pilatus PC-6 Turbo Porter Flap

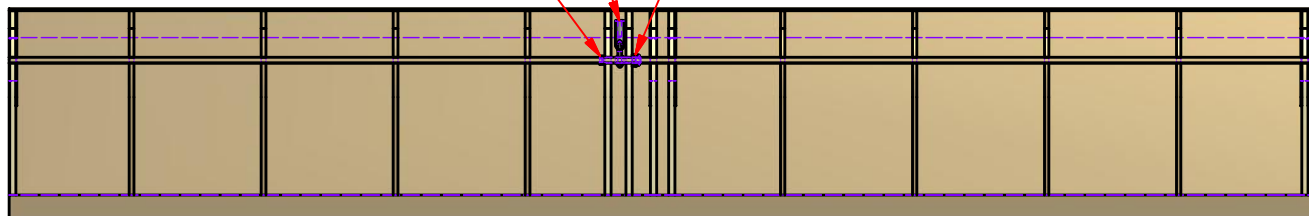
Step 4



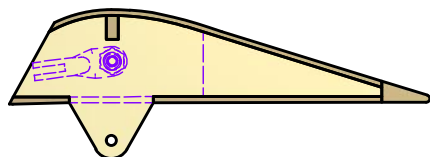
DUB861
Swivel Ball link 4-40

SH-N4-012
Socket Head Screw 4-40 x 3/4"

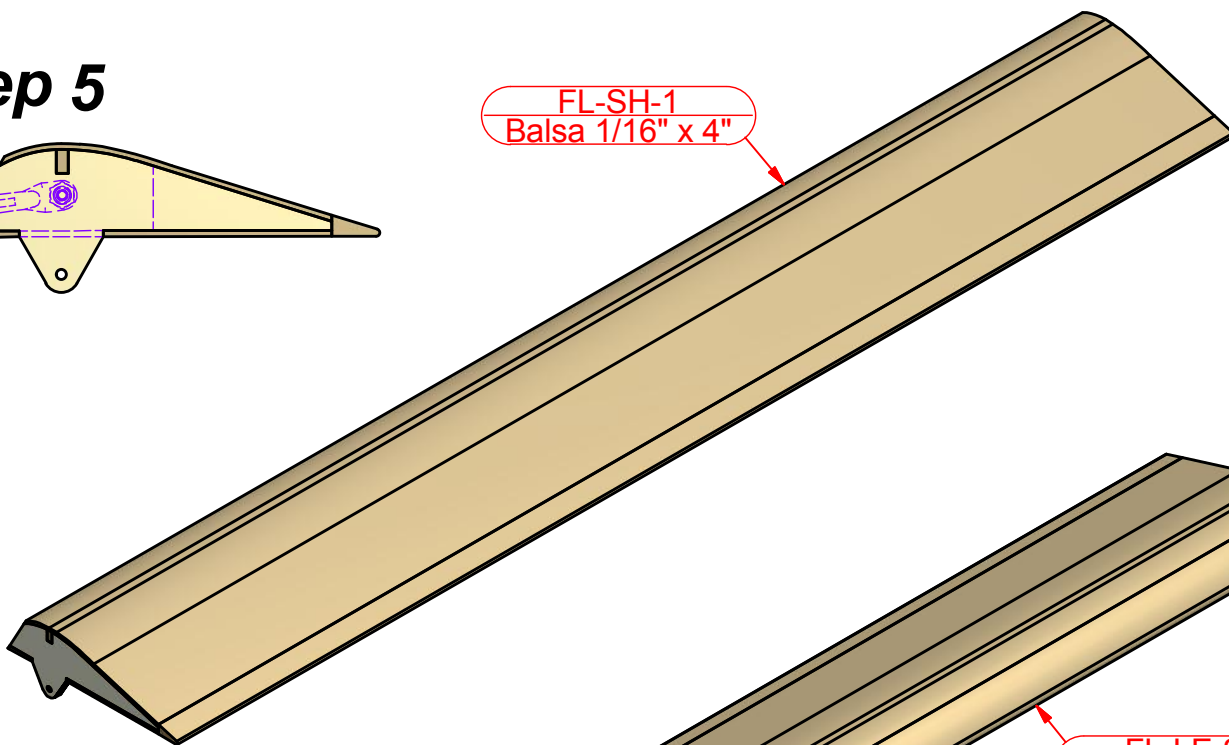
NN-4-SS
#4-40 Nylock Nut (SS)



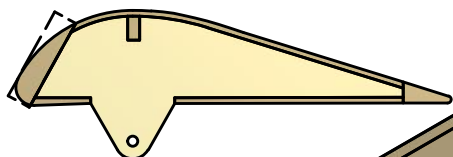
Step 5



FL-SH-1
Balsa 1/16" x 4"

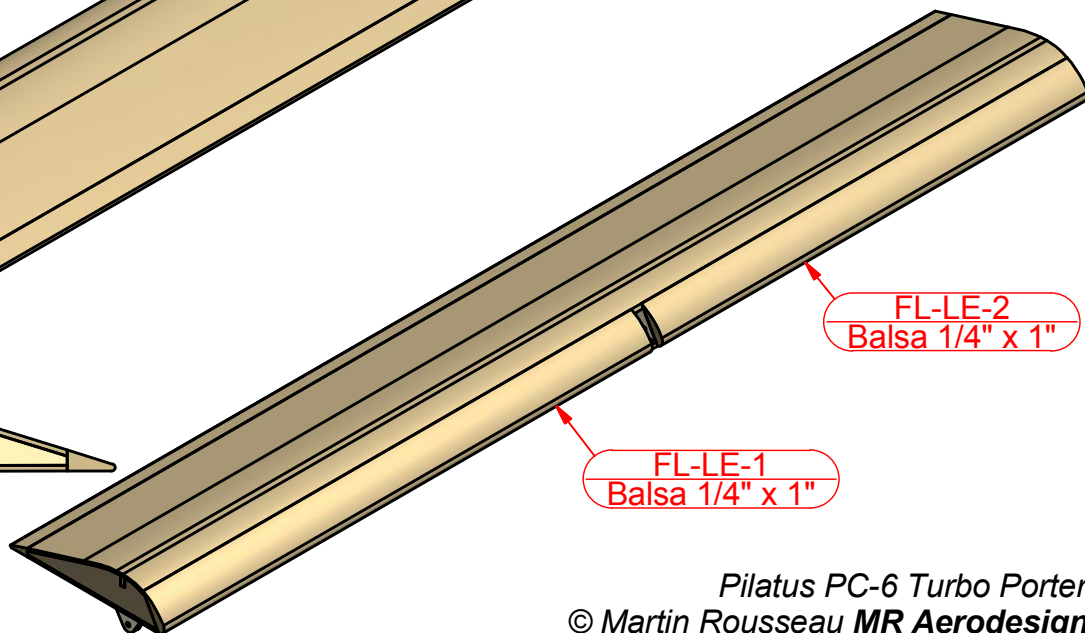


Step 6



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

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

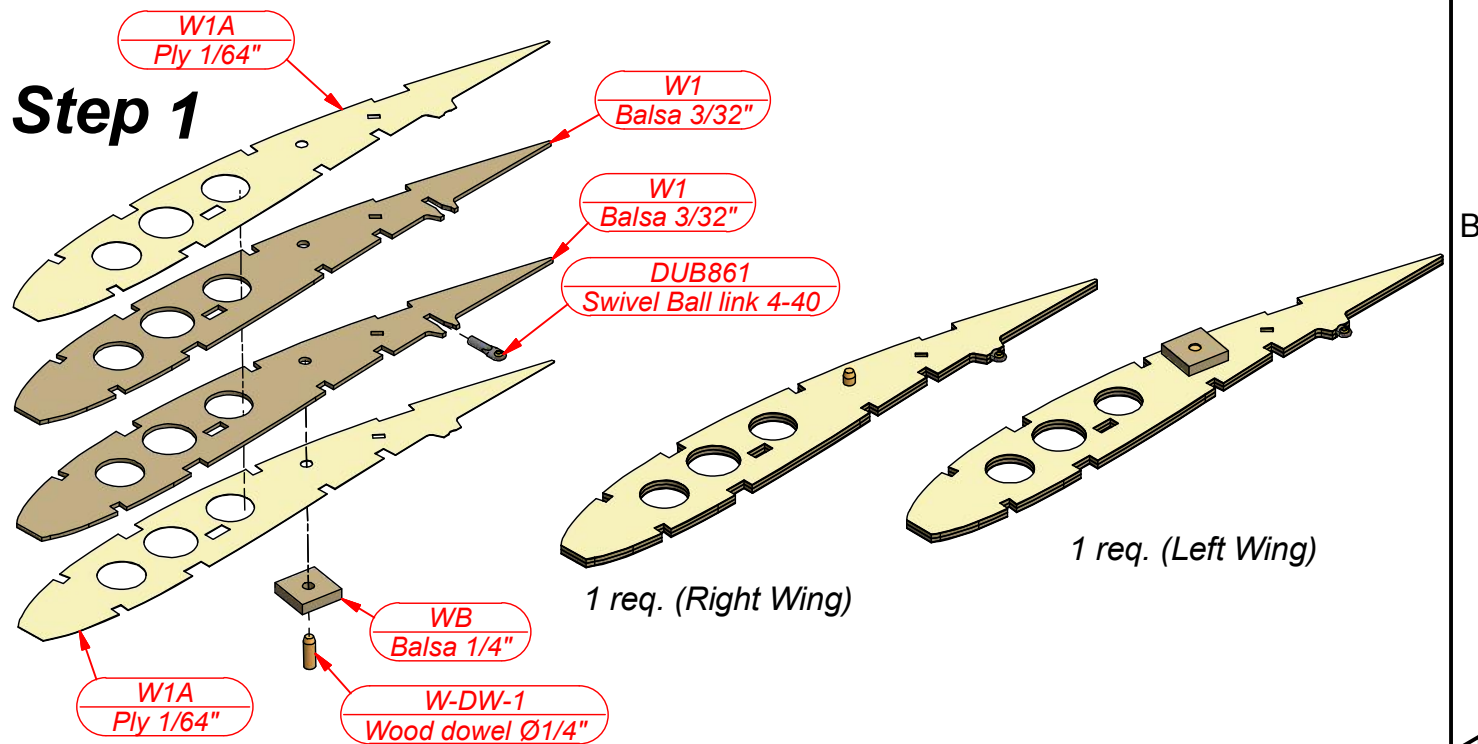


Pilatus PC-6 Turbo Porter Wing

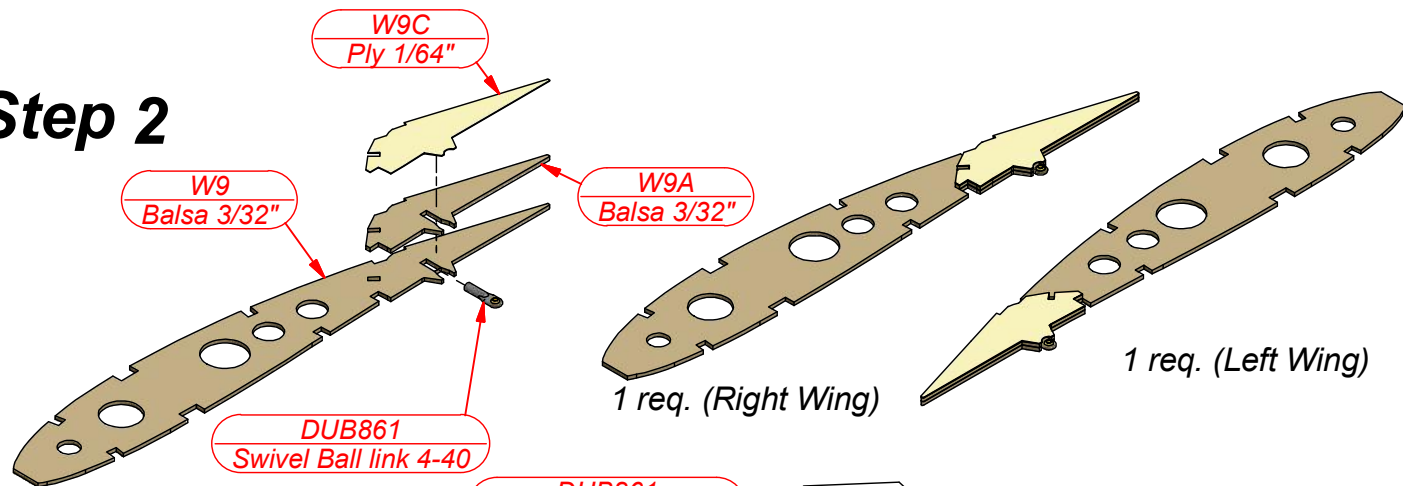
Part list (For 1 wing)			
Part number	Description	Length	Qty
A-1	Balsa 3/32"		18
A-2	Ply 1/8"		8
A-3	Ply 1/64"		9
A-4	Ply 1/64"		3
A-5	Ply 1/8"		4
A-LE-1	Balsa 1/4" x 1"	14 1/32 in	1
A-LE-2	Balsa 1/4" x 1"	12 3/4 in	1
A-MS-1	Balsa 1/8" x 1/4"	27 1/16 in	1
A-SH-1	Balsa 1/16" x 4"	27 1/16 in	1
A-SH-2	Balsa 1/16" x 4"	27 1/16 in	1
A-TE-1	Balsa 1/4" x 1/2"	27 1/16 in	1
DUB144	4-40 threaded rod		1
DUB202	Steel strap		1
DUB336	4-40 Threaded coupler		2
DUB600-W	4-40 Ball link bushing		4
DUB601	4-40 Spring steel Kwik-link		2
DUB861	Swivel Ball link 4-40		2
F-LK-1	4-40 threaded rod		1
FL-LE-1	Balsa 1/4" x 1"	14 3/8 in	1
FL-LE-2	Balsa 1/4" x 1"	12 17/32 in	1
FL-MS-1	Balsa 1/8" x 1/4"	27 7/32 in	1
FL-SH-1	Balsa 1/16" x 4"	27 7/32 in	1
FL-SH-2	Balsa 1/16" x 4"	27 7/32 in	1
FL-TE-1	Balsa 1/4" x 1/2"	27 7/32 in	1
Horn	Servo Arm		2
NN-4-SS	#4-40 Nylock Nut (SS)		7
SH-N4-012	Socket Head Screw 4-40 x 3/4"		6
SH-N4-016	Socket Head Screw 4-40 x 1"		1
SS2-07	Servo Screw #2x7/16"		18

Pilatus PC-6 Turbo Porter Wing

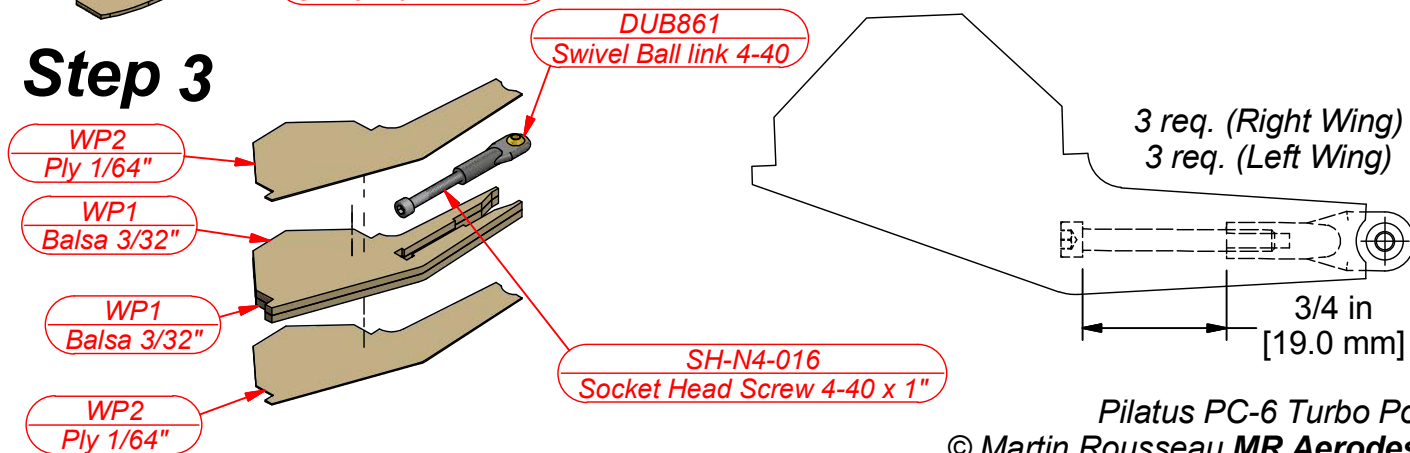
Step 1



Step 2

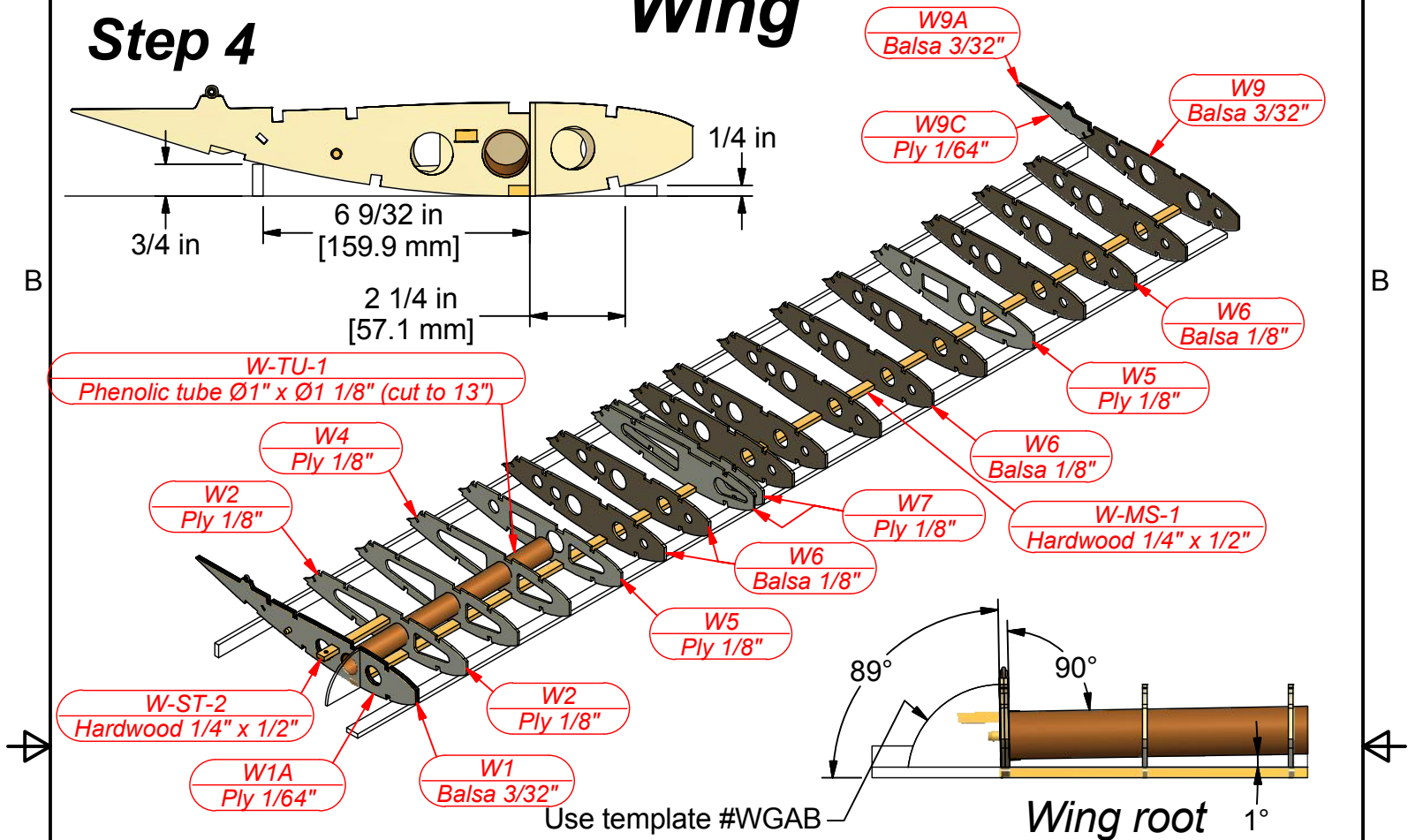


Step 3

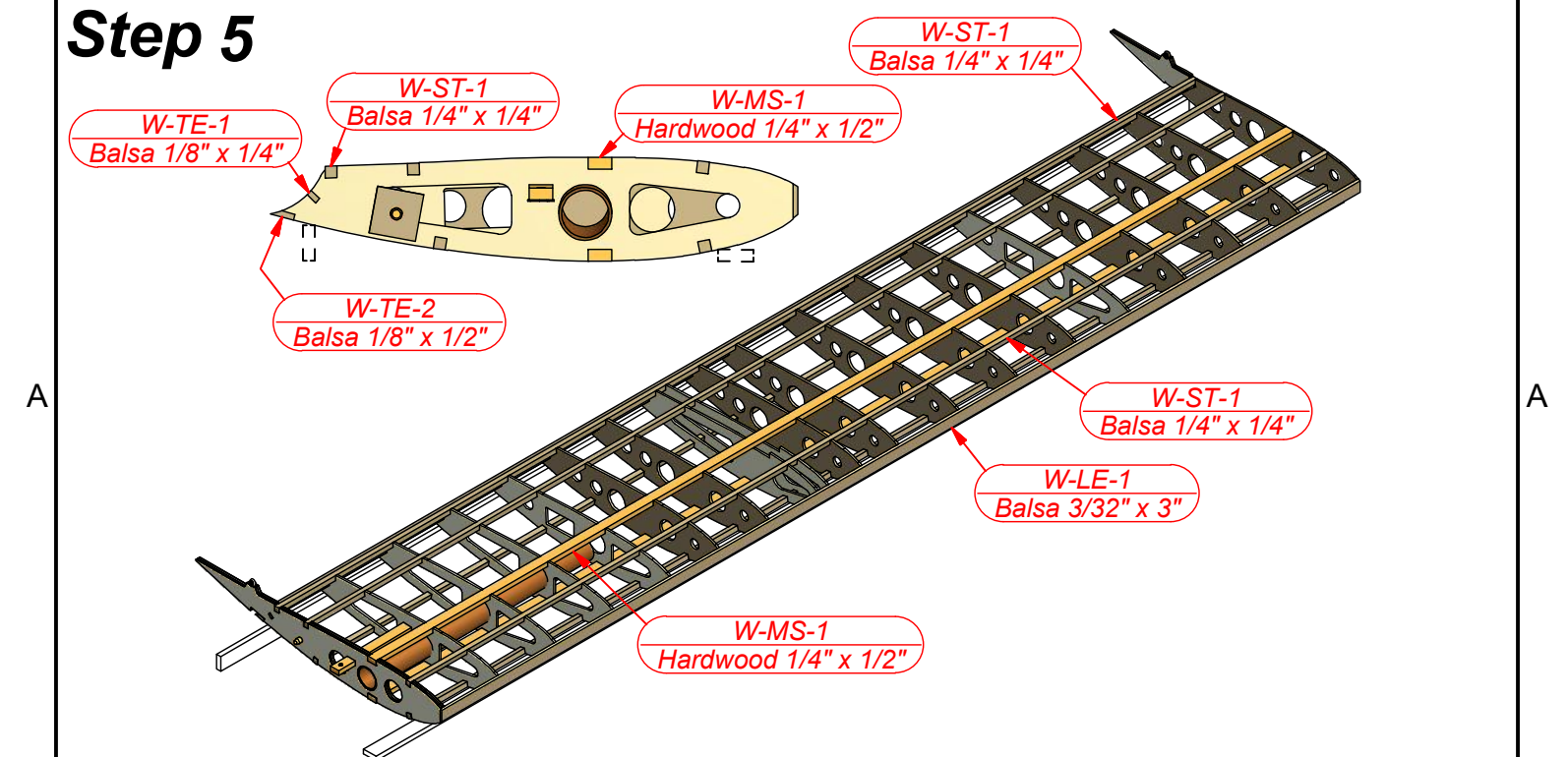


Pilatus PC-6 Turbo Porter Wing

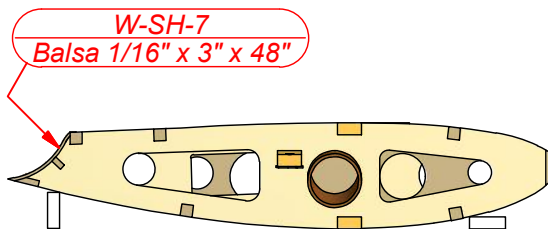
Step 4



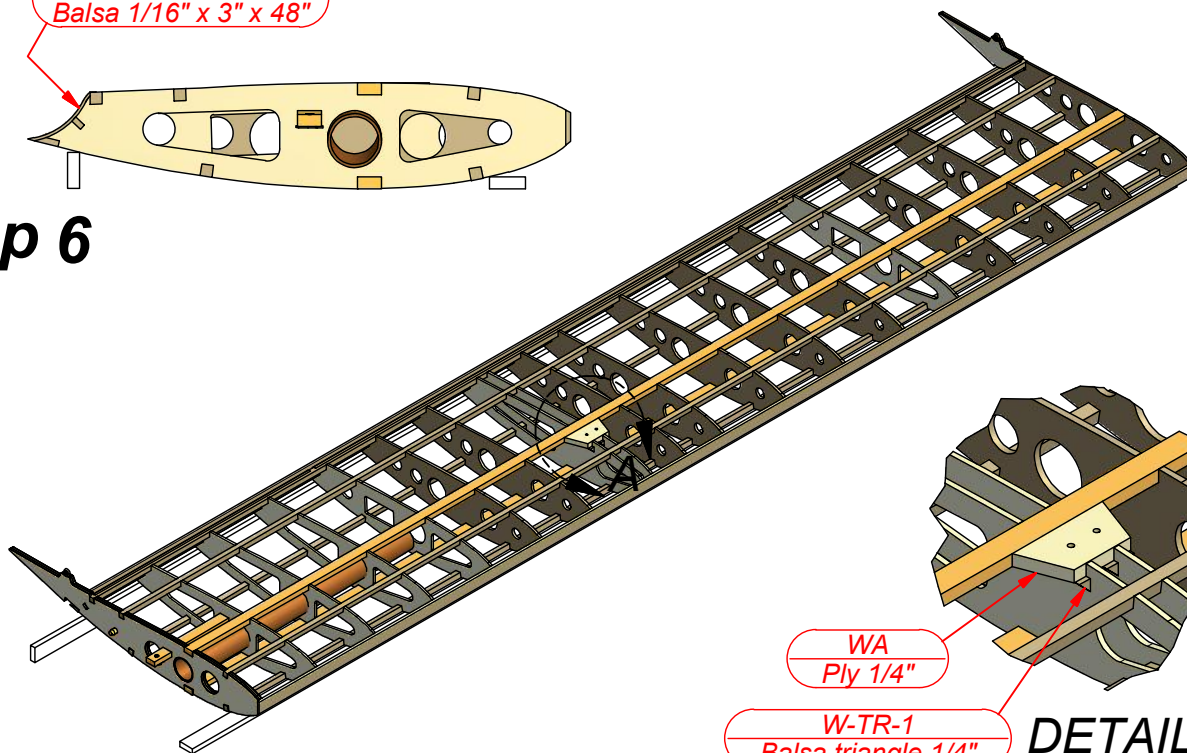
Step 5



Pilatus PC-6 Turbo Porter Wing

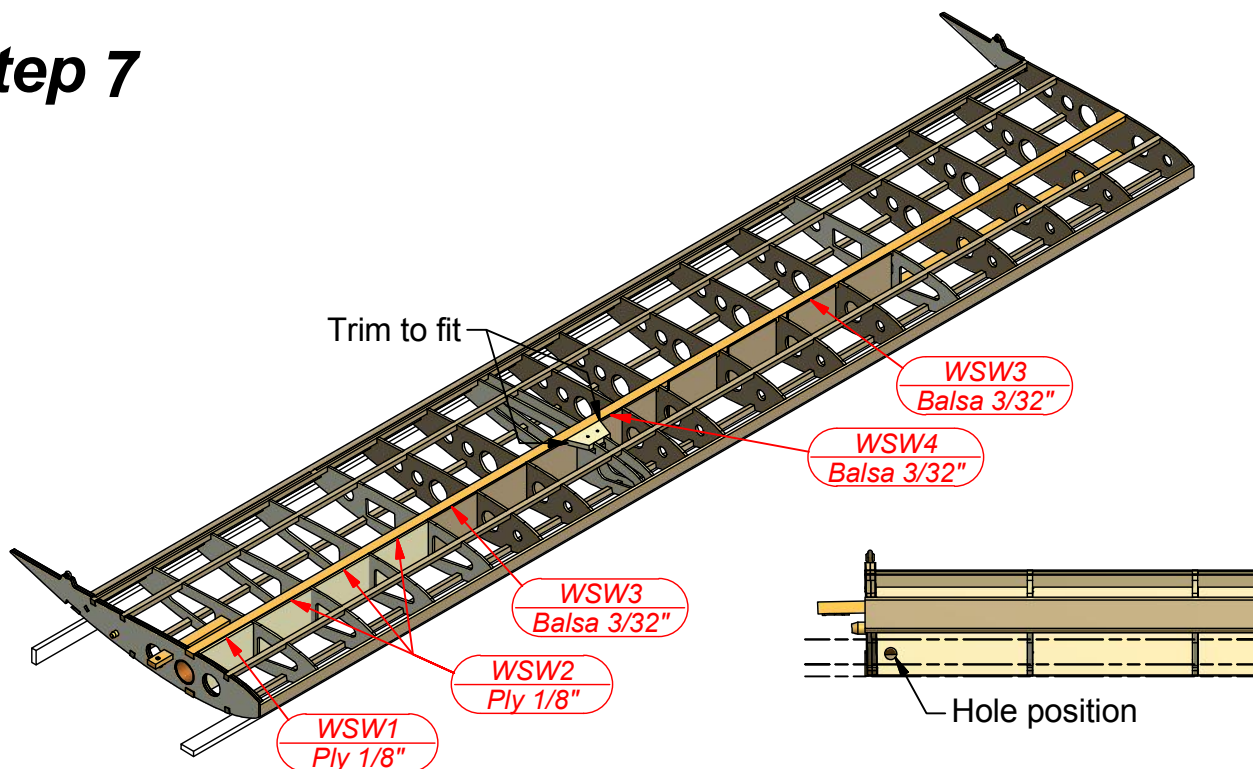


Step 6



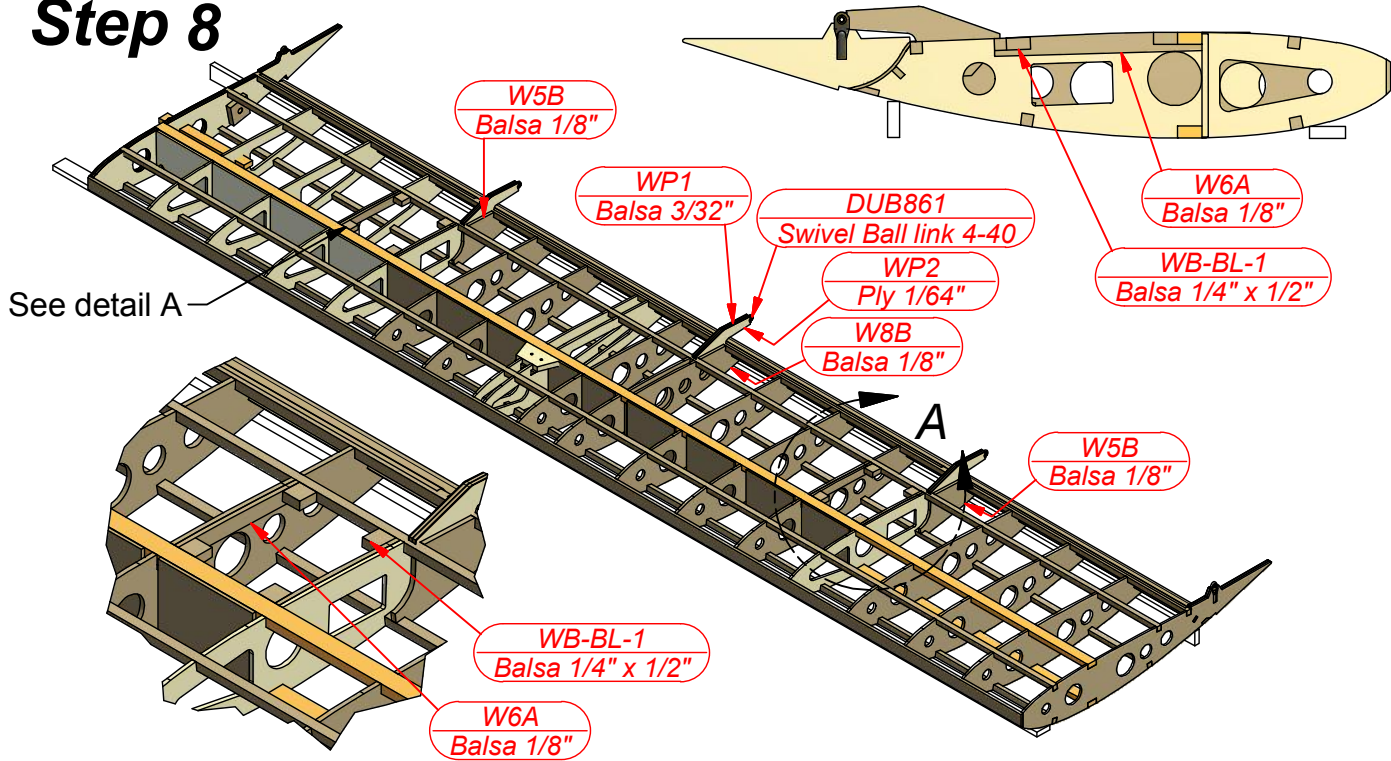
DETAIL A
SCALE 1 / 3

Step 7



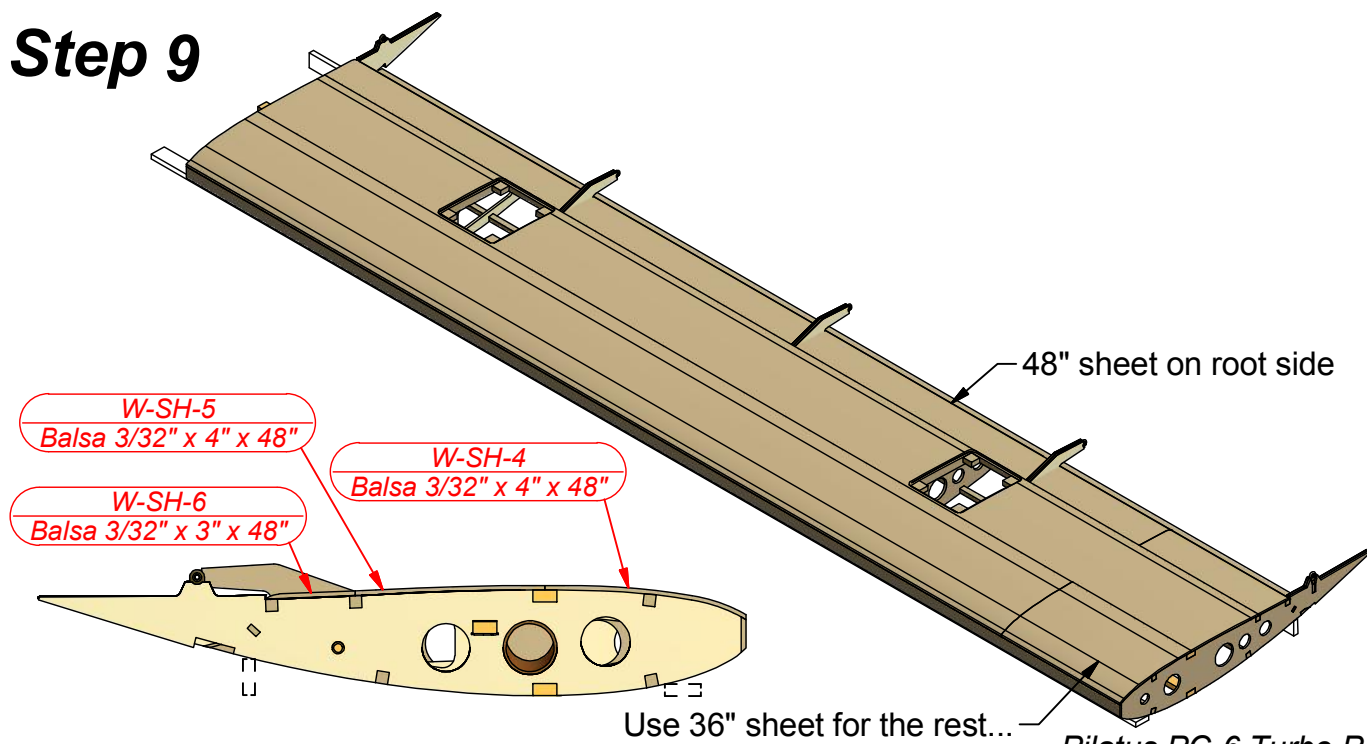
Pilatus PC-6 Turbo Porter Wing

Step 8



DETAIL A
SCALE 1 / 4

Step 9



Use 36" sheet for the rest...

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Pilatus PC-6 Turbo Porter Wing

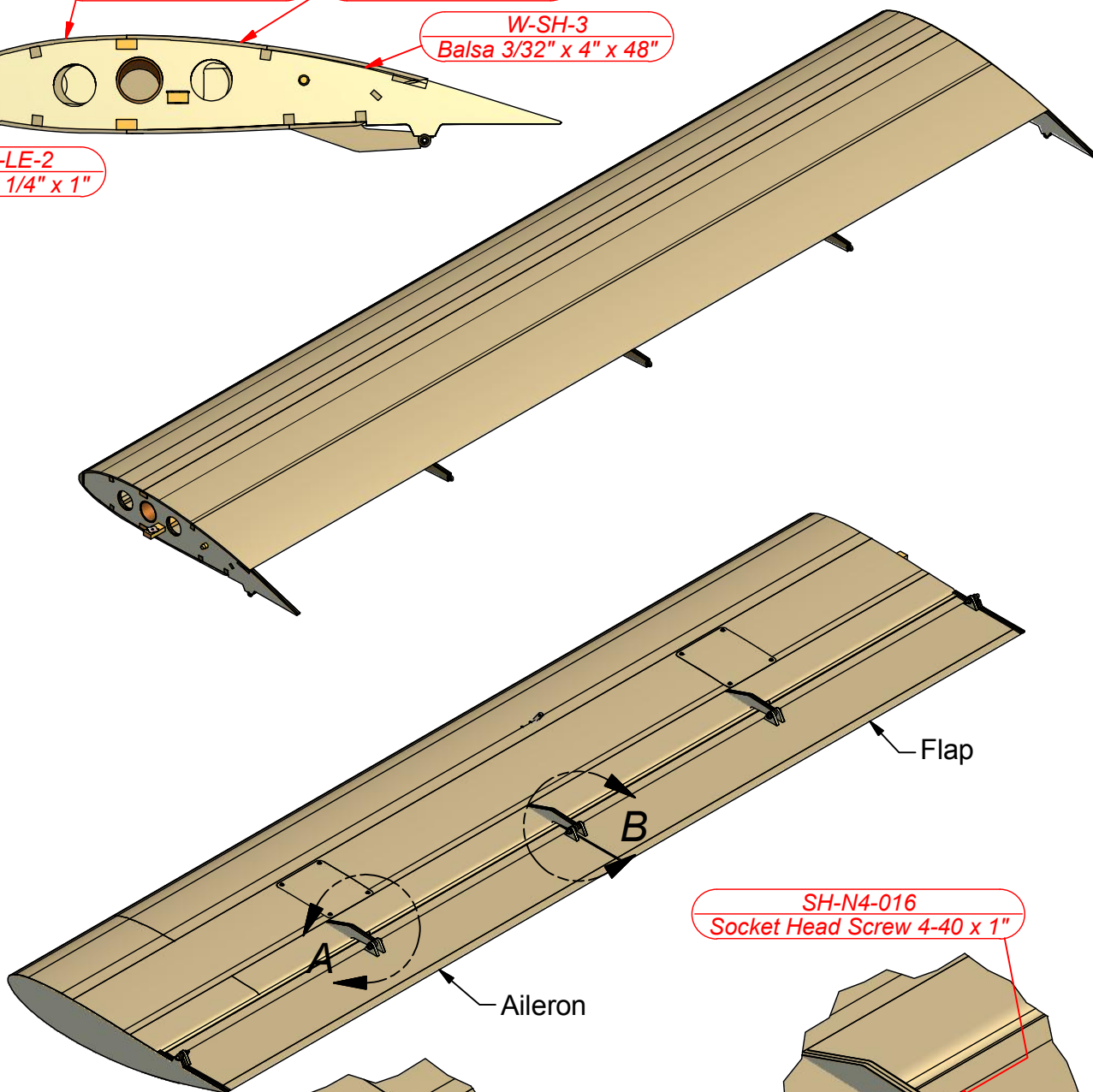
Step 10

W-SH-1
Balsa 3/32" x 4" x 48"

W-SH-2
Balsa 3/32" x 4" x 48"

W-SH-3
Balsa 3/32" x 4" x 48"

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



SH-N4-016
Socket Head Screw 4-40 x 1"

SS2-07
Servo Screw #2x7/16"

NN-4-SS
#4-40 Nylock Nut (SS)

SH-N4-012
Socket Head Screw 4-40 x 3/4"

NN-4-SS
#4-40 Nylock Nut (SS)

DETAIL A

DETAIL B

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Pilatus PC-6 Turbo Porter
Fuselage

B

B

▷

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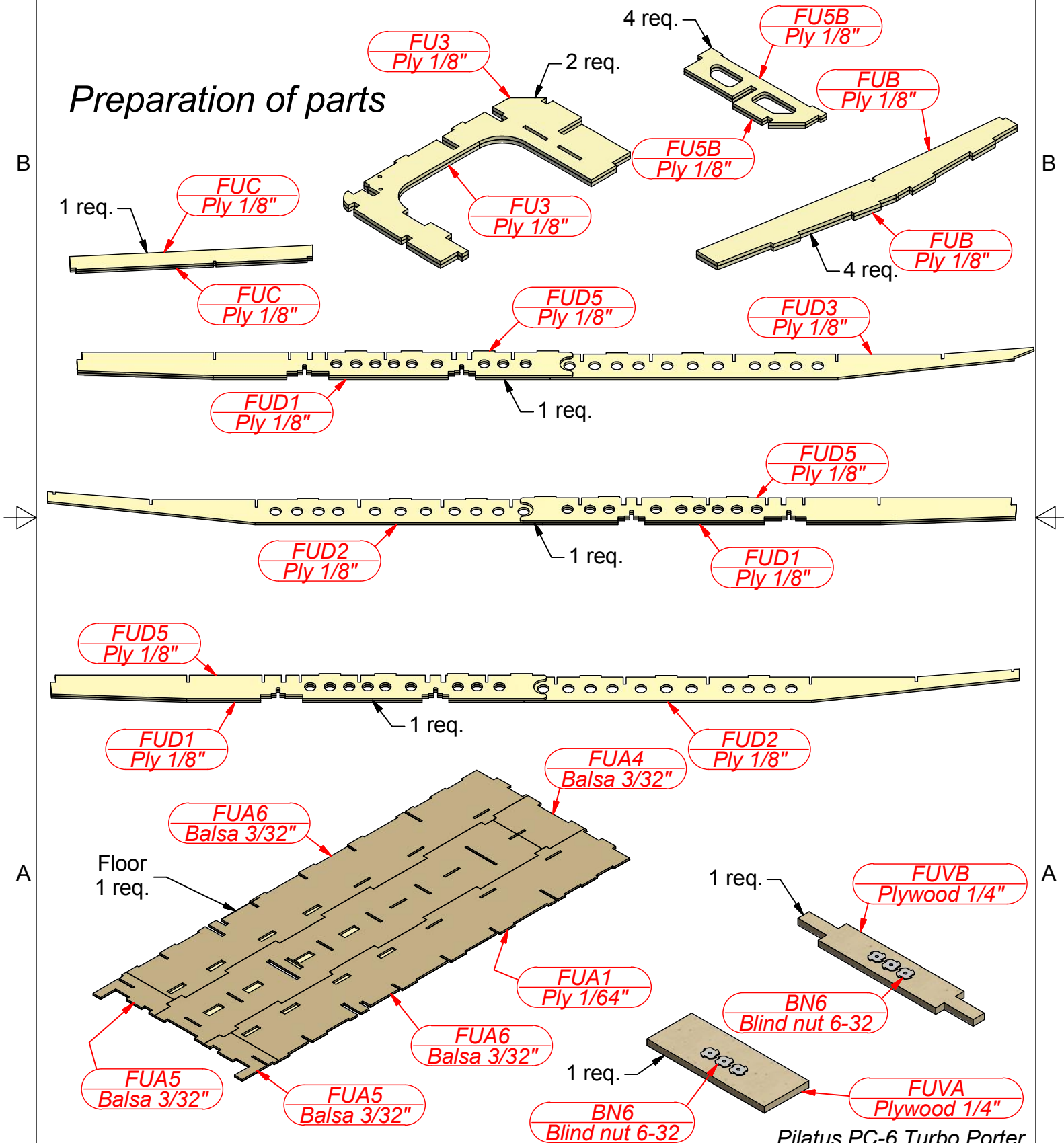
A

A

Fuselage Part list				Fuselage Part list			
Part number	Material	Length	Qty	Part number	Material	Length	Qty
BN6	Blind nut 6-32		6	FU5B	Ply 1/8"		12
DUB202	Steel strap		2	FU5C	Balsa 1/8"		4
F-WS-1	Aluminium 1/16"		2	FU5D	Balsa 1/8"		6
FU-BB-01	Balsa 1/4" x 1 1/2"	6 3/8 in	2	FU6	Ply 1/8"		2
FU-BB-02	Balsa 1/4" x 1 1/2"	29 1/16 in	2	FU7A	Ply 1/8"		1
FU-BB-03	Balsa 1/4" x 1 1/2"	28 15/16 in	2	FU7B	Ply 1/8"		1
FU-BB-04	Balsa 1/4" x 1"	28 3/4 in	2	FU8	Ply 1/8"		2
FU-BB-05	Balsa 1/4" x 1"	14 7/8 in	2	FU9	Ply 1/8"		2
FU-HW-1	Hardwood 1/4" x 1/4"	13 1/4 in	2	FU9A	Balsa 1/4"		2
FU-SH-02	Balsa 3/32" x 4"	11 3/8 in	1	FUA1	Ply 1/64"		1
FU-SH-03	Balsa 3/32" x 4"	35 3/4 in	1	FUA2	Ply 1/64"		1
FU-SH-04	Balsa 3/32" x 4"	28 3/4 in	1	FUA3	Balsa 3/32"		1
FU-SH-05	Balsa 3/32" x 4"	28 5/8 in	2	FUA4	Balsa 3/32"		1
FU-SH-06	Balsa 3/32" x 4"	42 3/4 in	1	FUA5	Balsa 3/32"		2
FU-SH-07	Balsa 3/32" x 4"	6 5/8 in	1	FUA6	Balsa 3/32"		2
FU-ST-01	Balsa 1/4" x 1/4"	11 5/16 in	2	FUB	Ply 1/8"		8
FU-ST-02	Balsa 1/4" x 1/4"	11 7/16 in	2	FUC	Ply 1/8"		3
FU-ST-03	Balsa 1/4" x 1/4"	11 1/4 in	2	FUD1	Ply 1/8"		3
FU-ST-04	Balsa 1/4" x 1/4"	7 5/8 in	2	FUD2	Ply 1/8"		2
FU-ST-05	Balsa 1/4" x 1/4"	7 3/4 in	2	FUD3	Ply 1/8"		1
FU-ST-06	Balsa 1/4" x 1/4"	6 7/16 in	2	FUD4	Ply 1/8"		1
FU-ST-07	Balsa 1/4" x 1/4"	29 1/16 in	2	FUD5	Ply 1/8"		4
FU-ST-08	Balsa 1/4" x 1/4"	10 in	1	FUD7	Ply 1/8"		1
FU-ST-09	Balsa 1/4" x 1/4"	29 1/8 in	2	FUD8	Ply 1/8"		2
FU-ST-10	Balsa 1/4" x 1/4"	29 3/16 in	2	FUE1A	Ply 1/8"		2
FU-ST-11	Balsa 1/4" x 1/4"	17 15/16 in	2	FUE1B	Ply 1/8"		2
FU-ST-12	Balsa 1/4" x 1/4"	36 9/16 in	2	FUE2	Ply 1/8"		1
FU-ST-13	Balsa 1/4" x 1/4"	28 7/8 in	2	FUE3	Ply 1/8"		1
FU-ST-14	Balsa 1/4" x 1/4"	28 7/8 in	2	FUE4	Ply 1/8"		1
FU-ST-15	Balsa 1/4" x 1/4"	17 15/16 in	2	FUF	Ply 1/8"		2
FU-TPH	Phenolique tube Ø1" x Ø1 1/8"	10 in	1	FUG	Ply 1/8"		2
FU-TR-2	Balsa triangle 3/8"	2 1/8 in	8	FUJ	Ply 1/8"		2
FU1	Ply 1/4"		1	FUJA	Ply 1/8"		2
FU10L	Ply 1/8"		1	FUK	Ply 1/16"		1
FU10R	Ply 1/8"		1	FUL	Ply 1/8"		1
FU11L	Ply 1/8"		1	FUM	Ply 1/8"		1
FU11R	Ply 1/8"		1	FUN2	Ply 1/8"		1
FU12	Ply 1/8"		2	FUO	Balsa 1/8"		1
FU13	Ply 1/8"		2	FUP	Ply 1/8"		2
FU14	Ply 1/8"		2	FUQ	Ply 1/8"		2
FU14A	Balsa 1/4"		2	FUVA	Plywood 1/4"	5 1/8 in	1
FU15	Ply 1/8"		2	FUVB	Plywood 1/4"	7 11/16 in	1
FU16	Ply 1/8"		1	FUVC	Ply 1/4"	1 1/2 in	4
FU2	Ply 1/8"		2	FUW	Balsa 1/4"	3 5/8 in	2
FU3	Ply 1/8"		4	NN-4-SS	#4-40 Nylock Nut (SS)		4
FU3A	Ply 1/8"		2	SH-N4-020	Socket Head Screw 4-40 x 1 1/4"		4
FU4	Ply 1/8"		2	SS2-07	Servo Screw #2x7/16"		16
FU5	Ply 1/8"		4	Servo	Servo		3

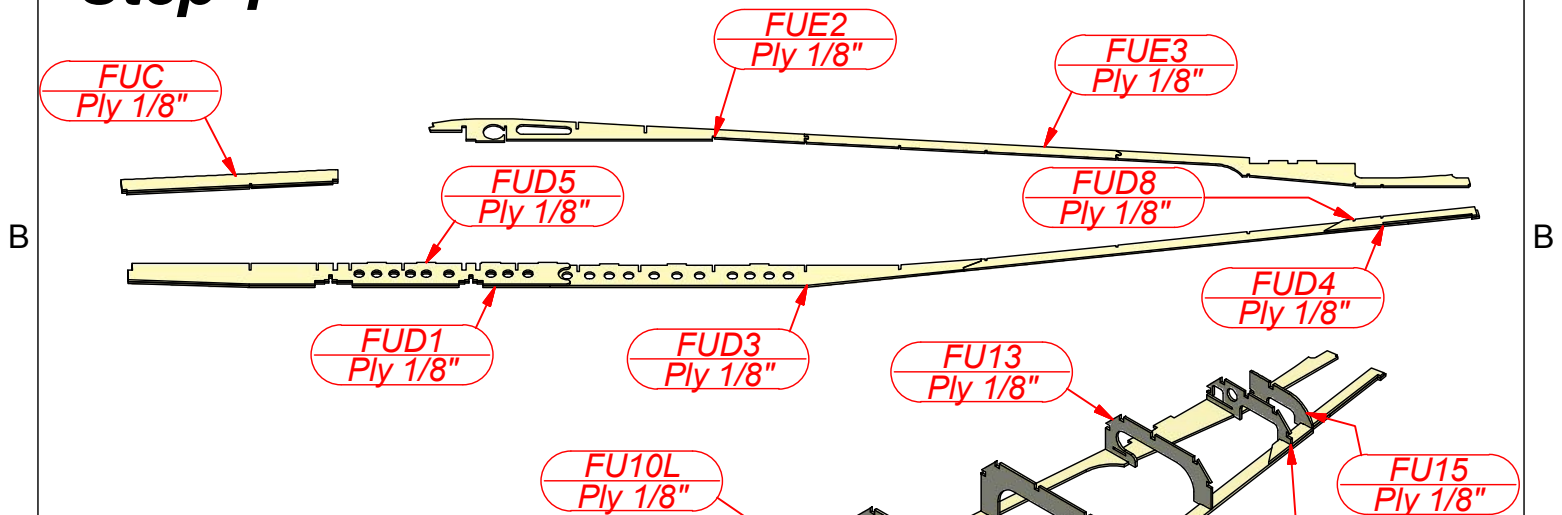
Pilatus PC-6 Turbo Porter Fuselage

Preparation of parts

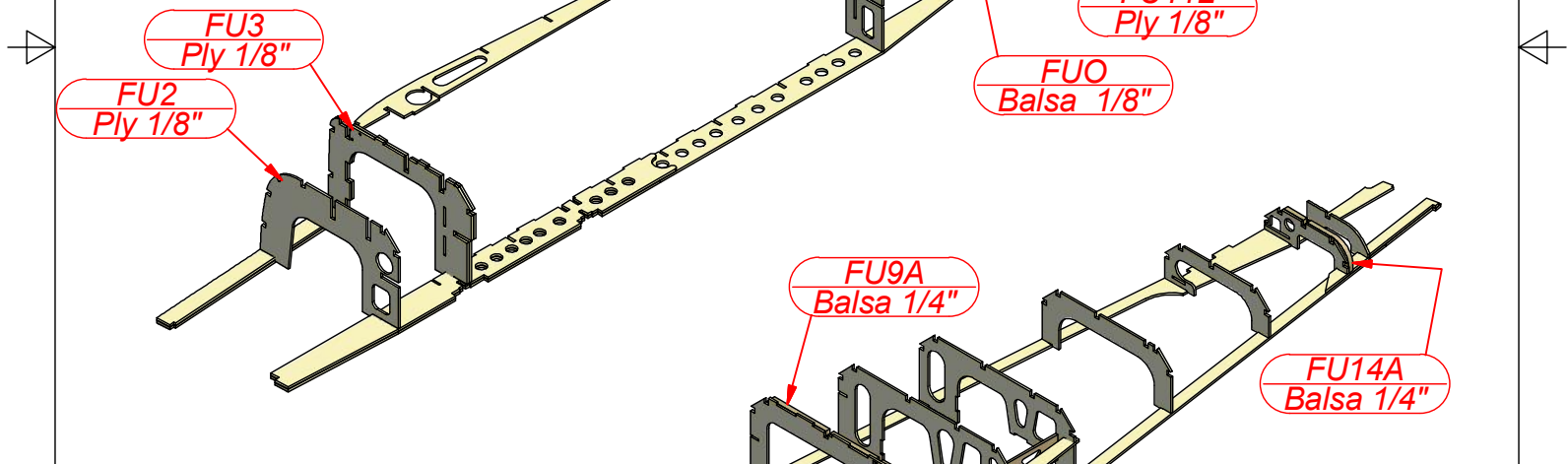


Pilatus PC-6 Turbo Porter Fuselage

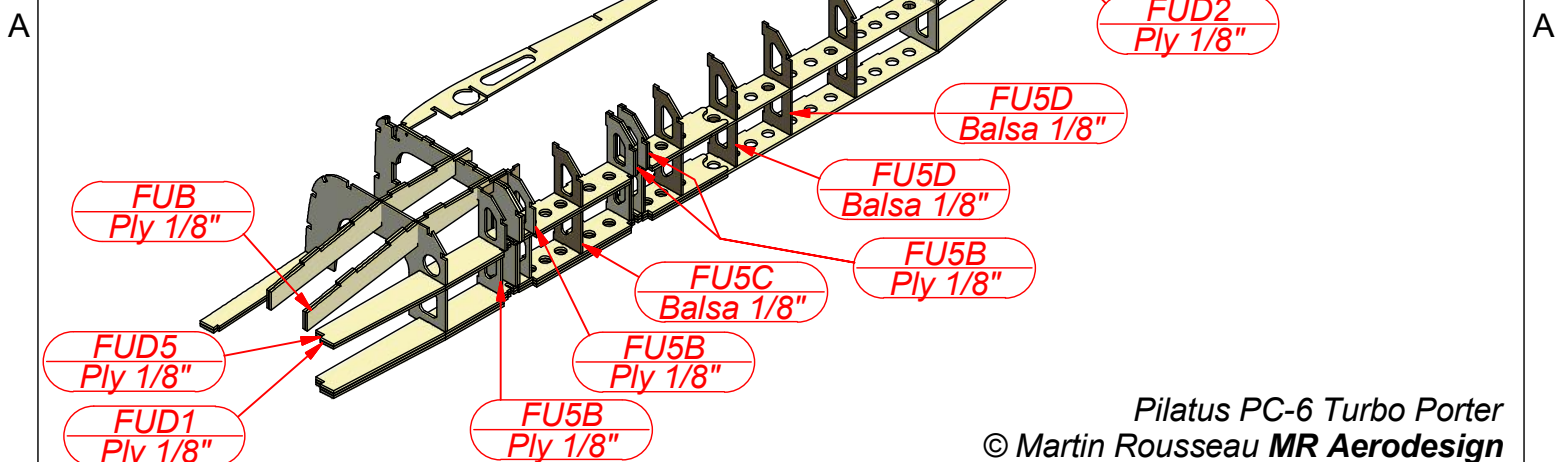
Step 1



Step 2

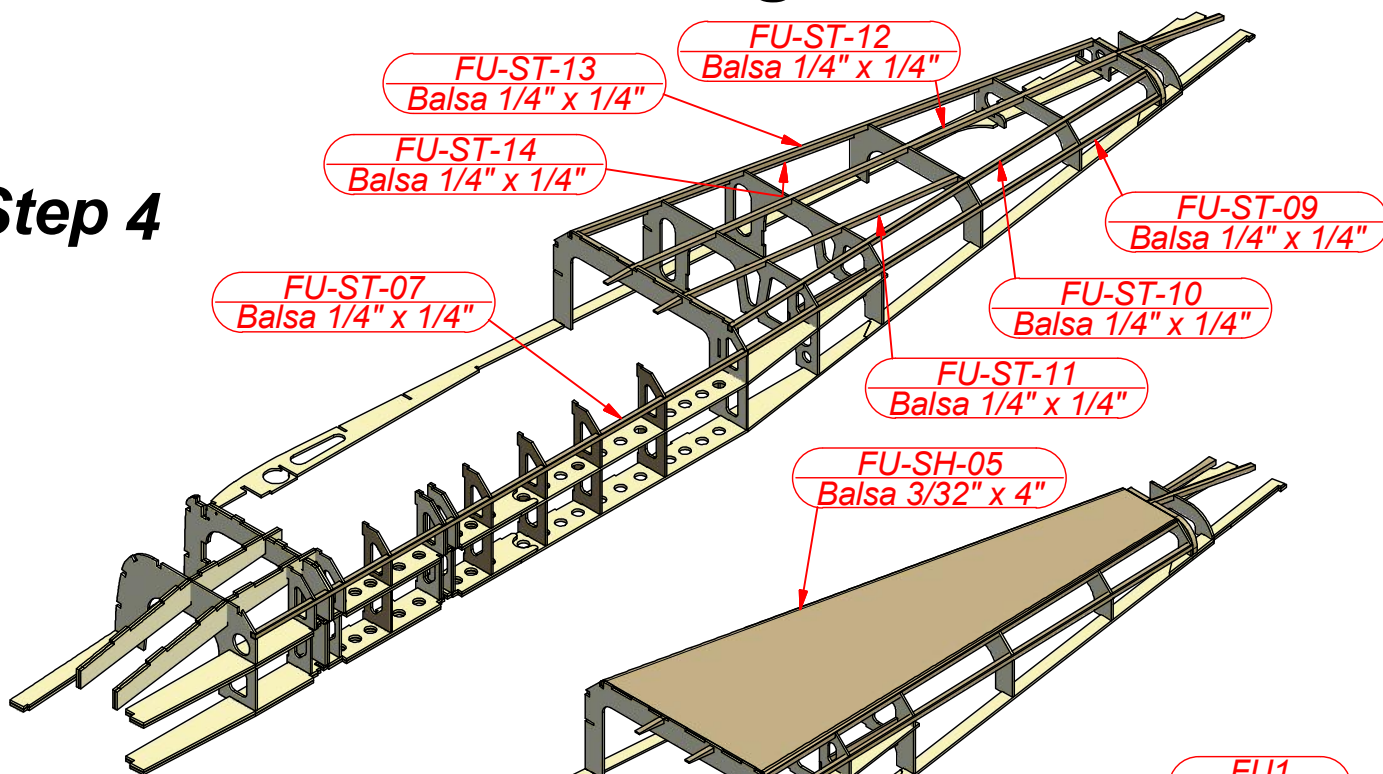


Step 3

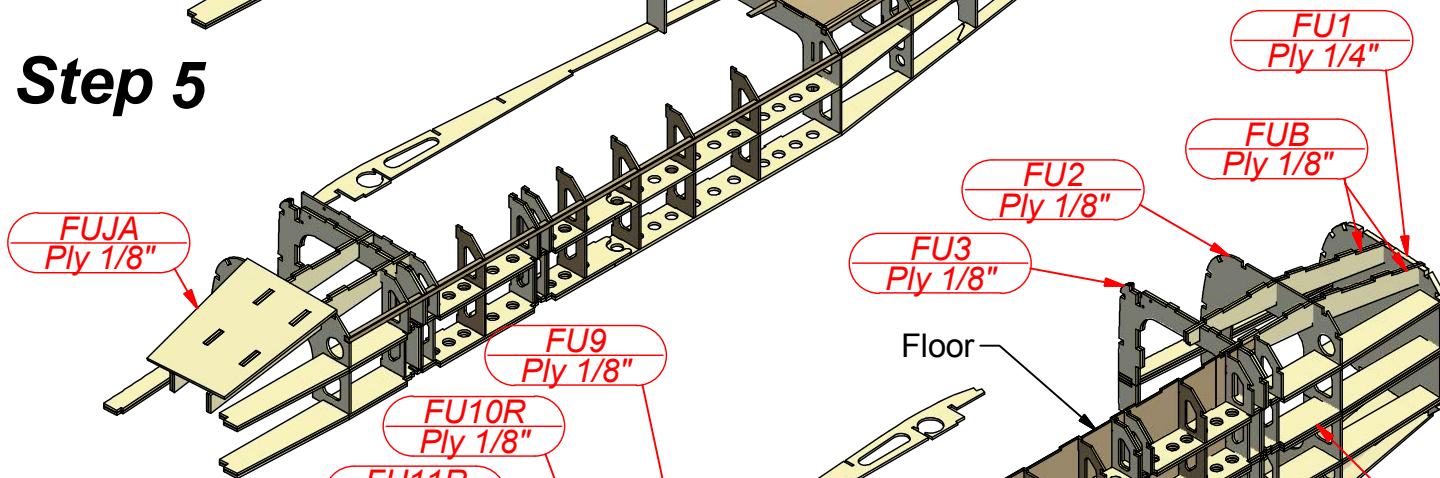


Pilatus PC-6 Turbo Porter Fuselage

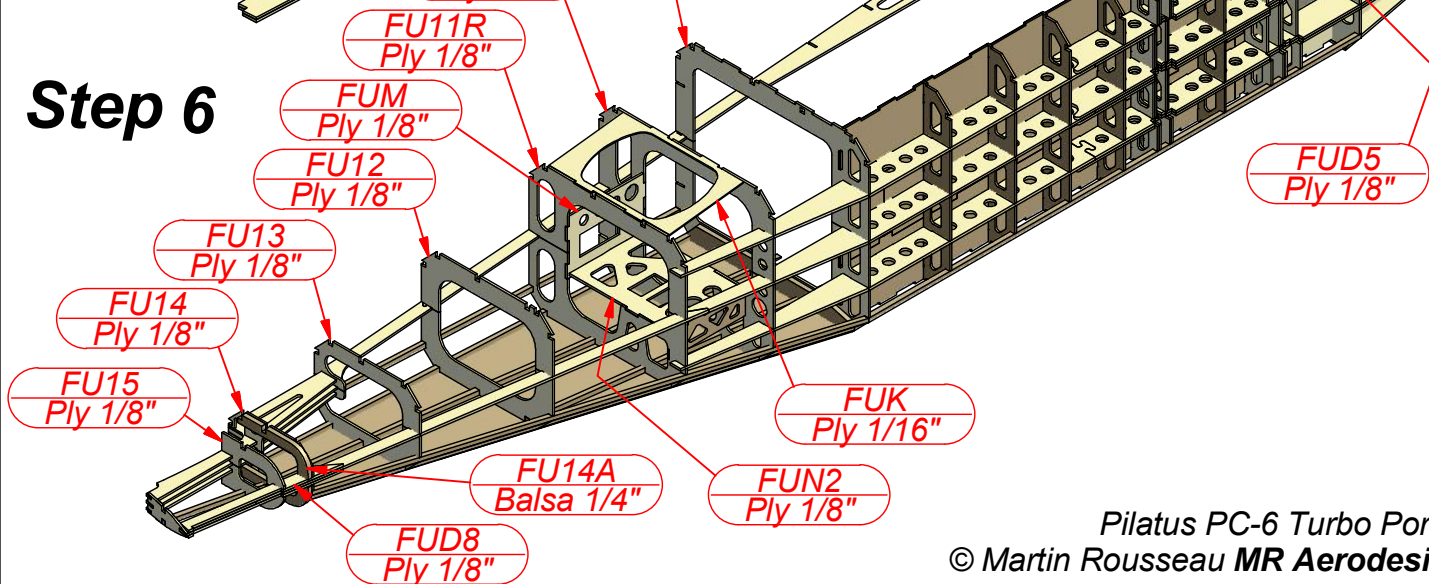
Step 4



Step 5

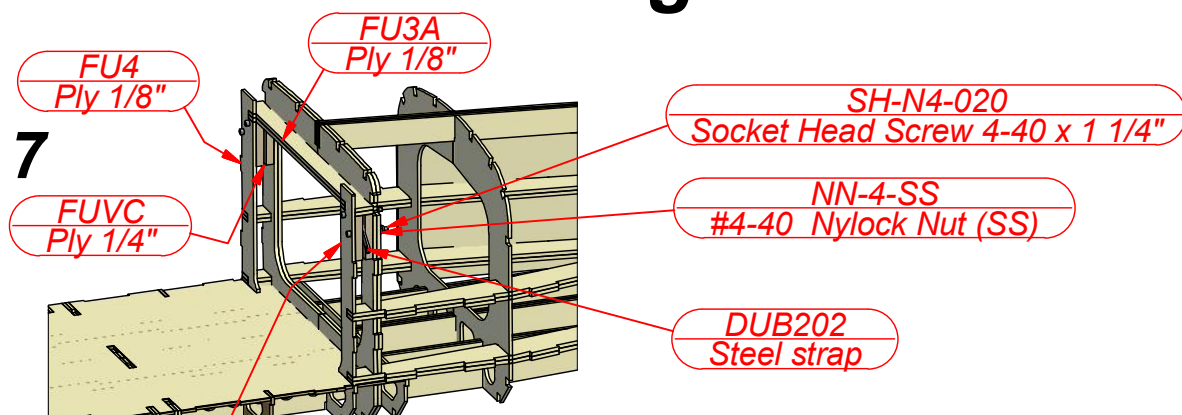


Step 6

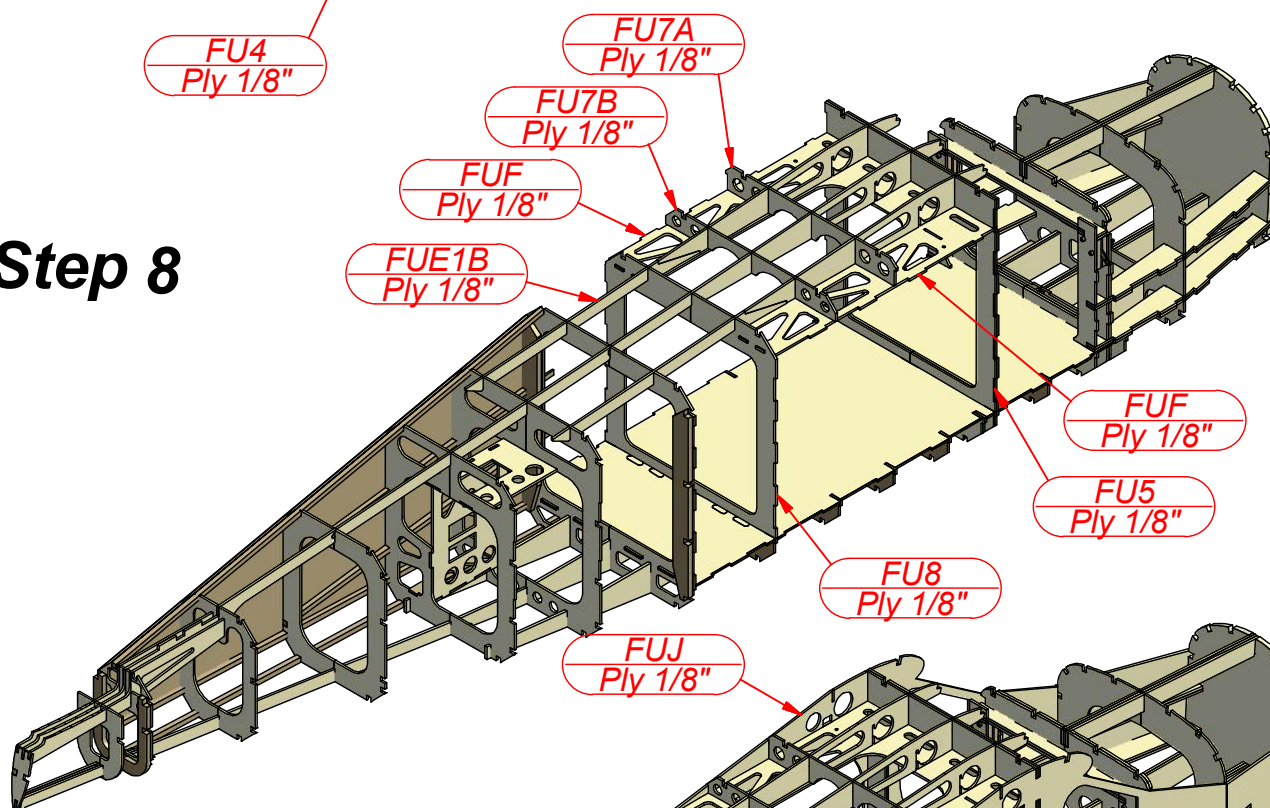


Pilatus PC-6 Turbo Porter Fuselage

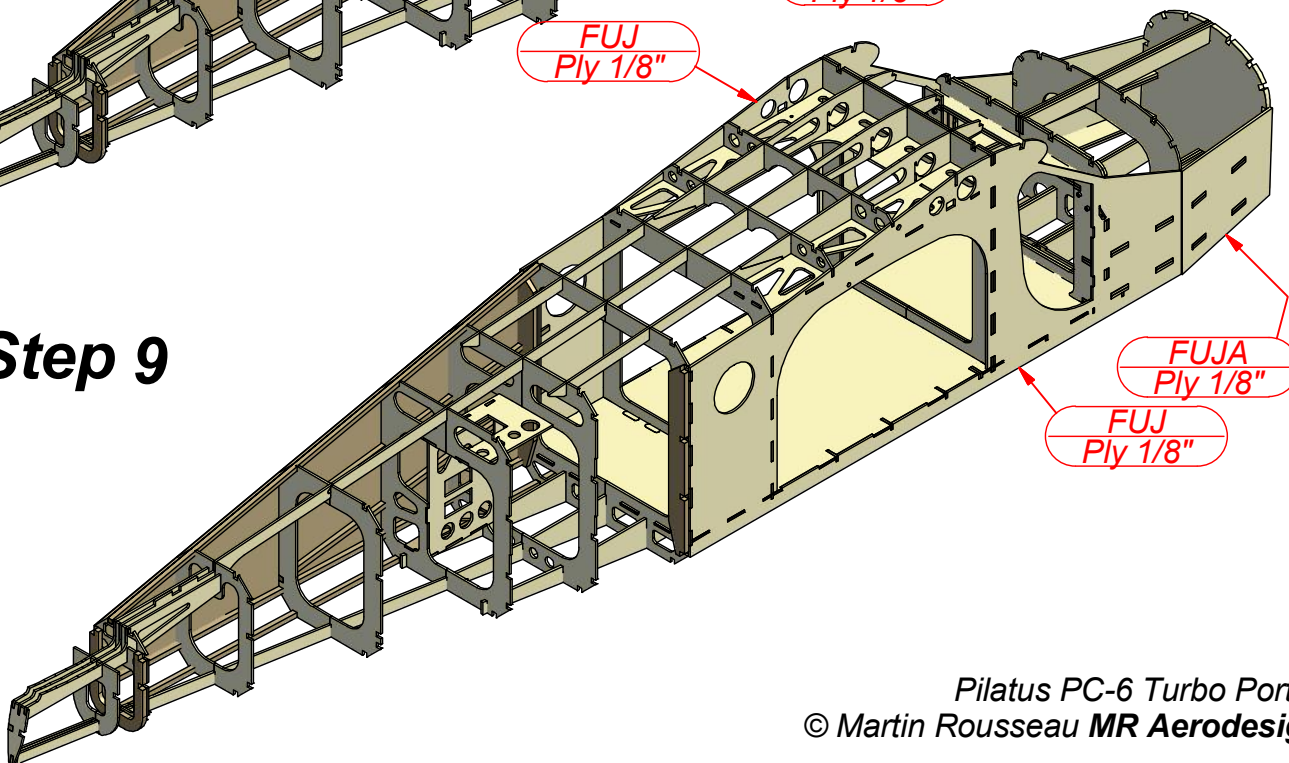
Step 7



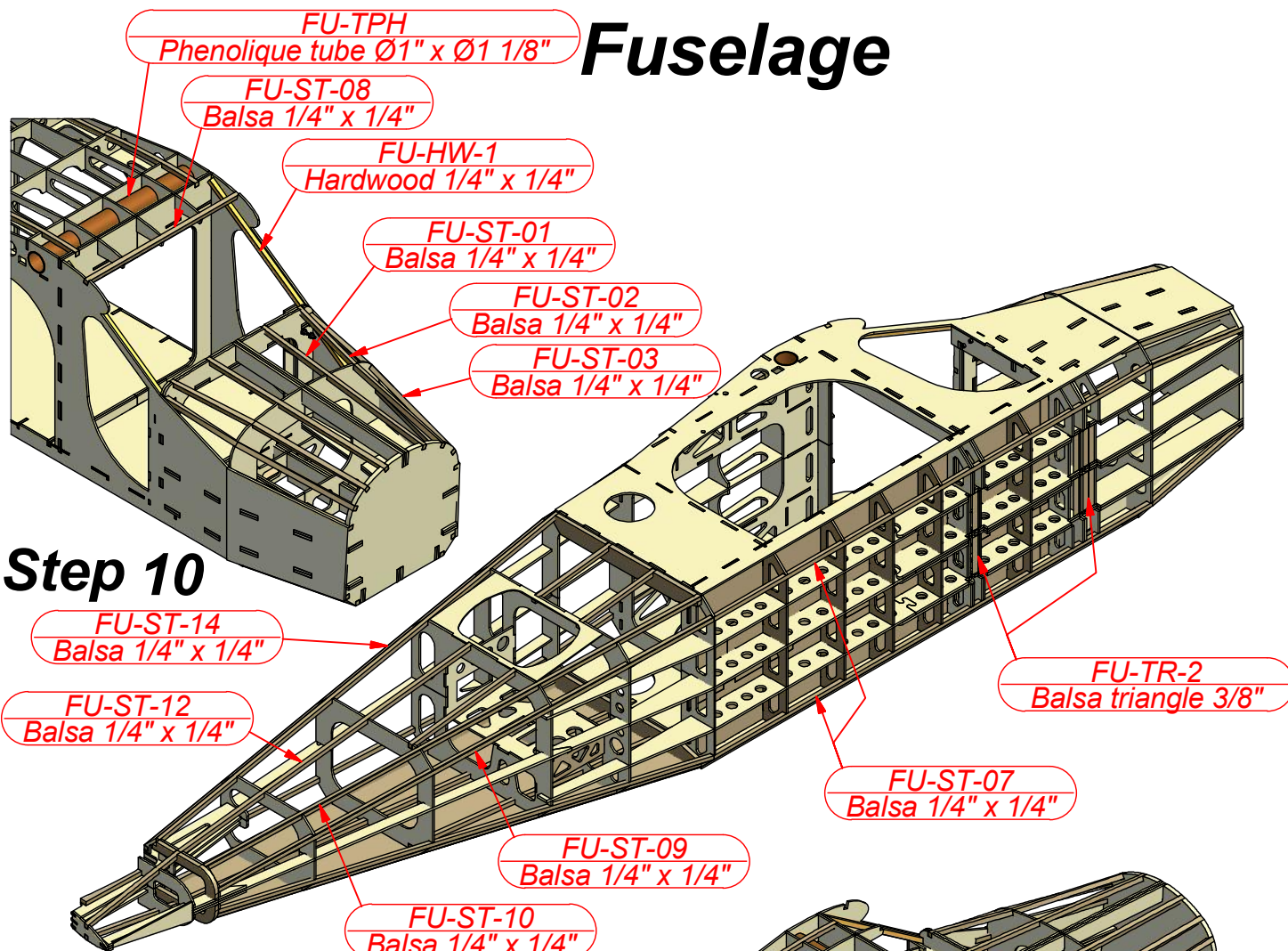
Step 8



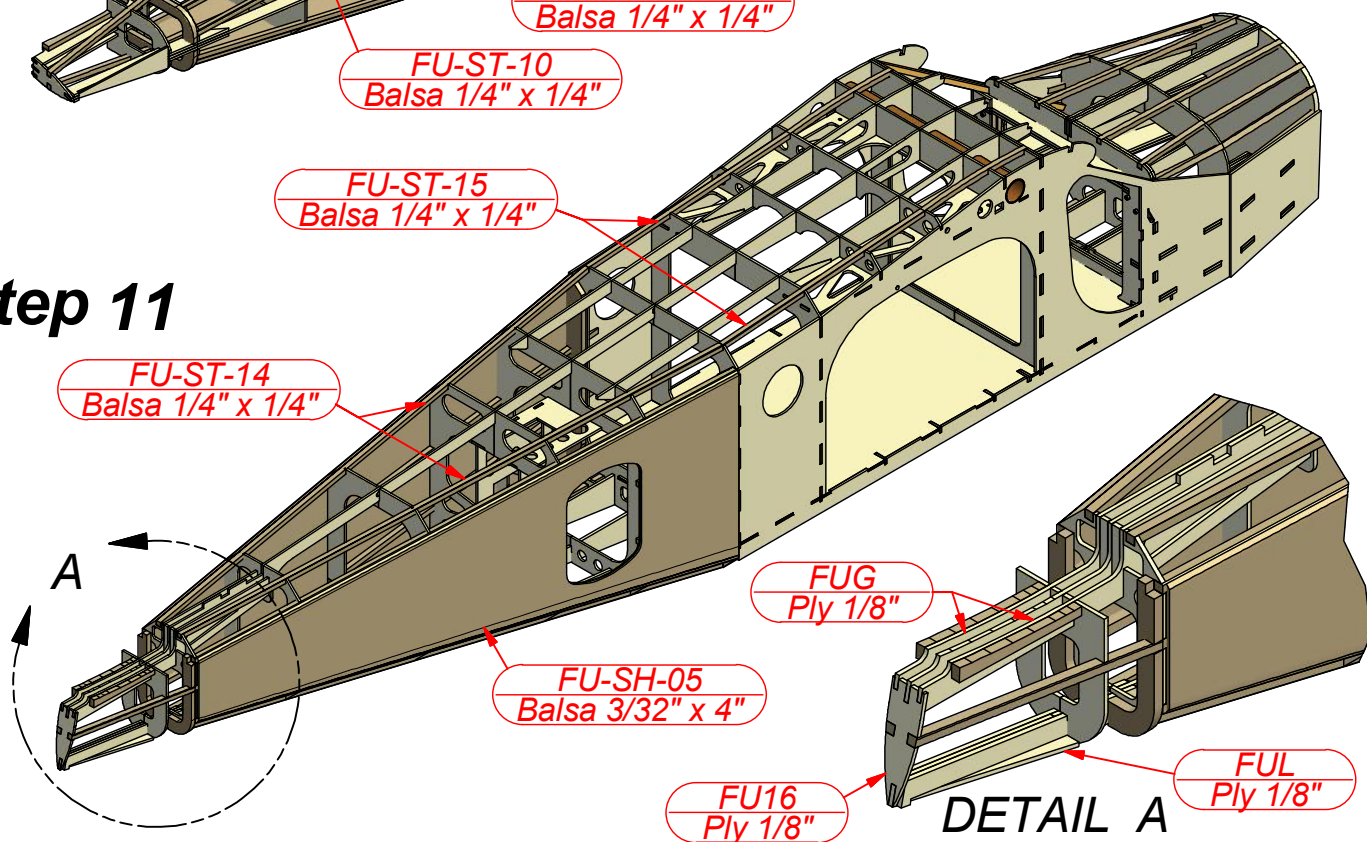
Step 9



Pilatus PC-6 Turbo Porter Fuselage

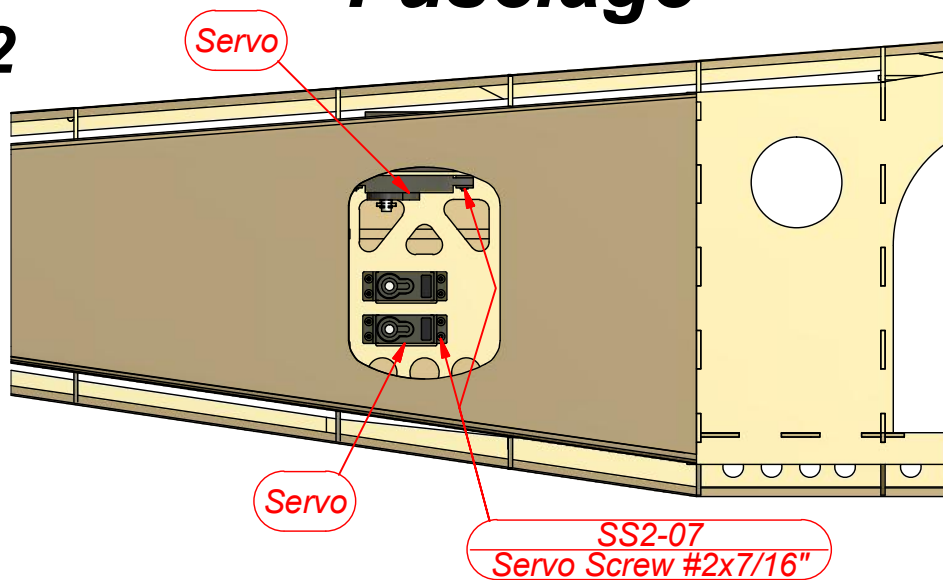


Step 11

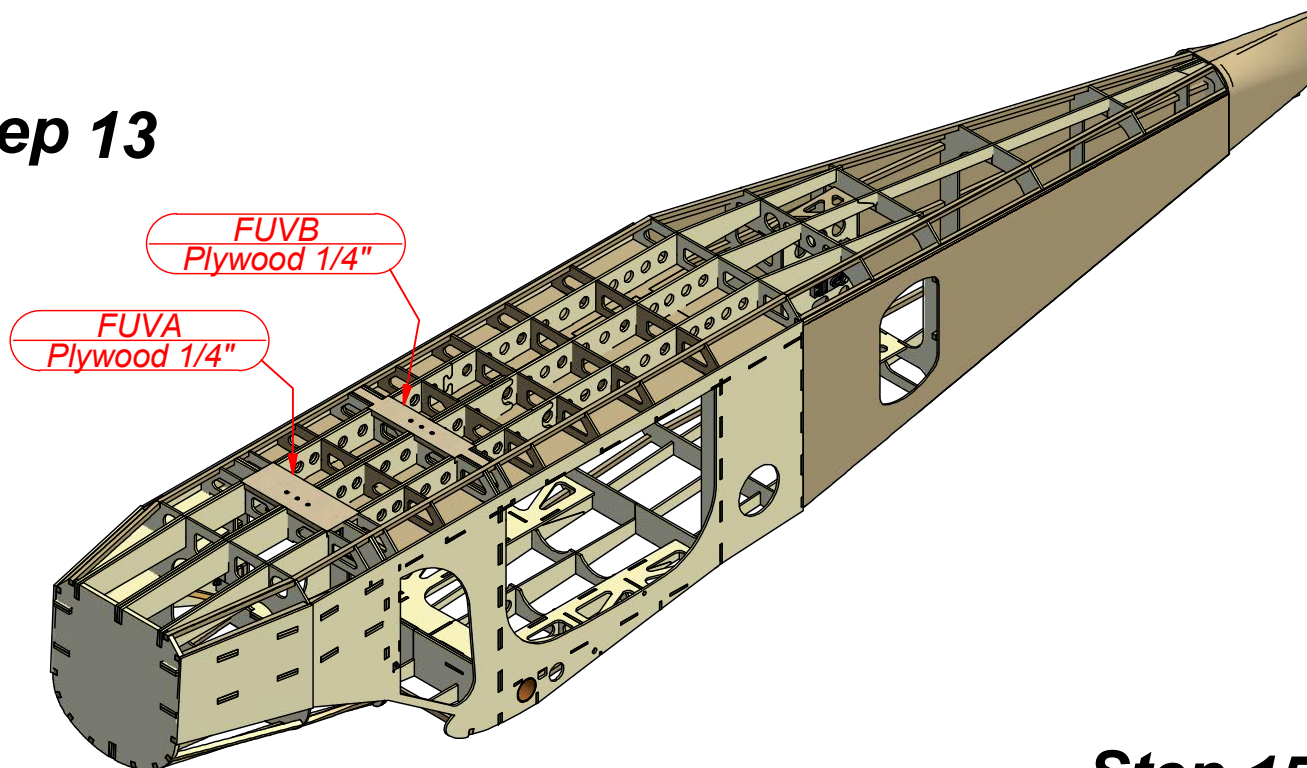


Pilatus PC-6 Turbo Porter Fuselage

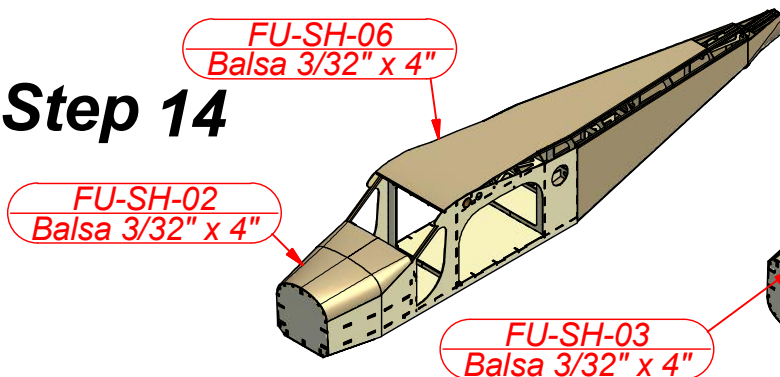
Step 12



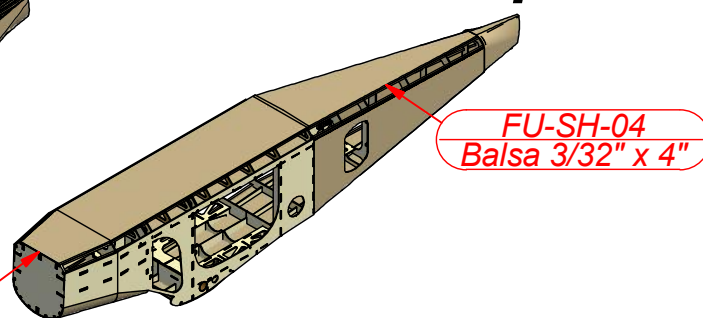
Step 13



Step 14

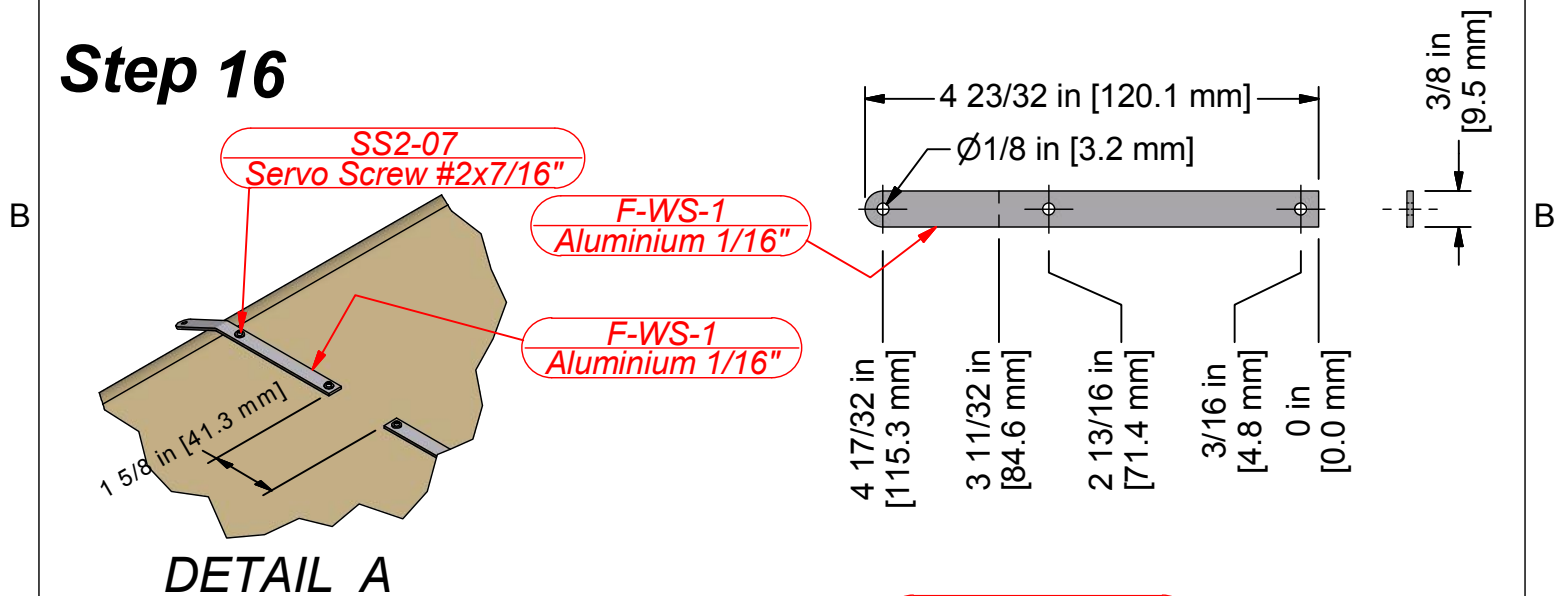


Step 15

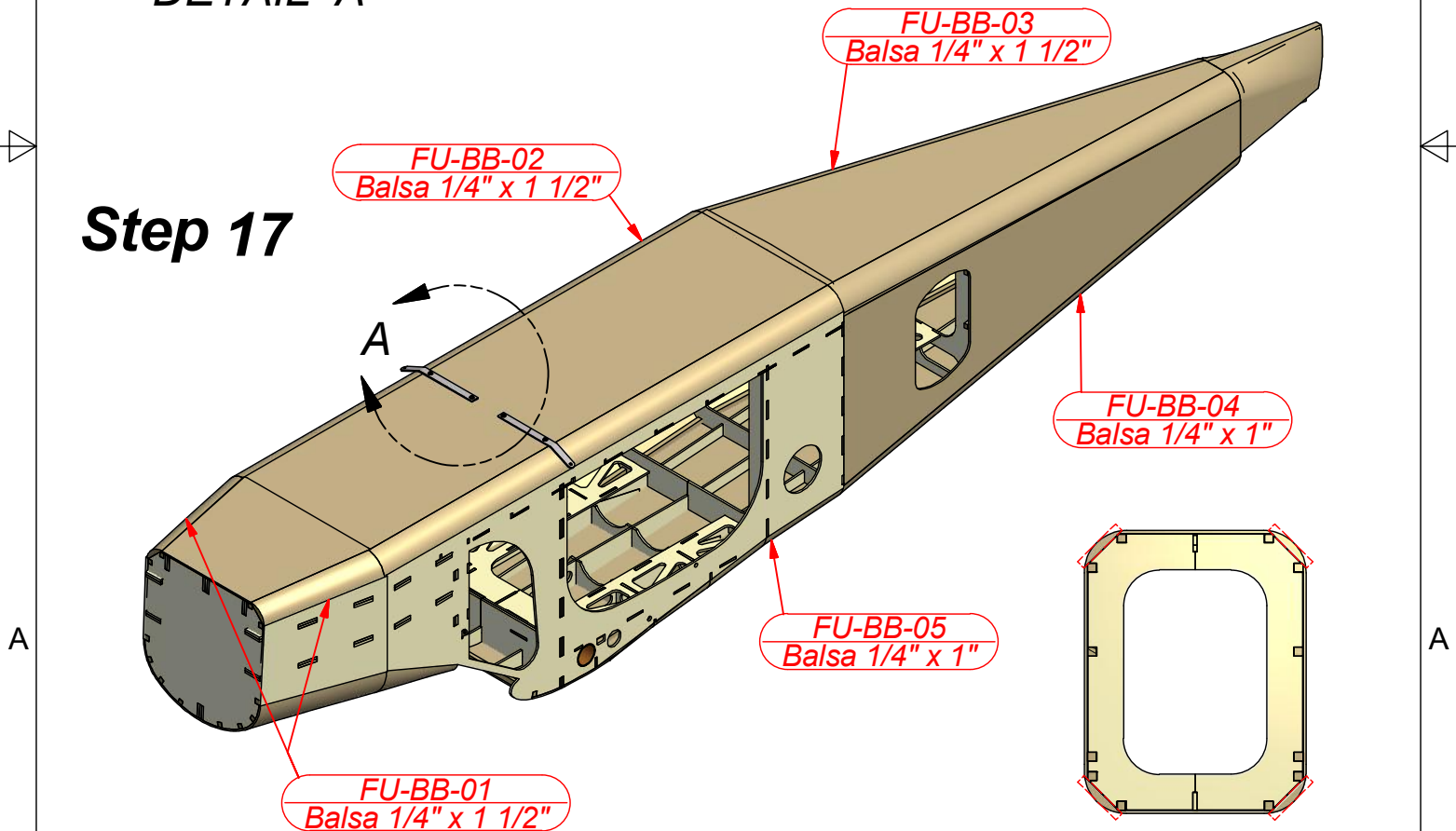


Pilatus PC-6 Turbo Porter Fuselage

Step 16



Step 17





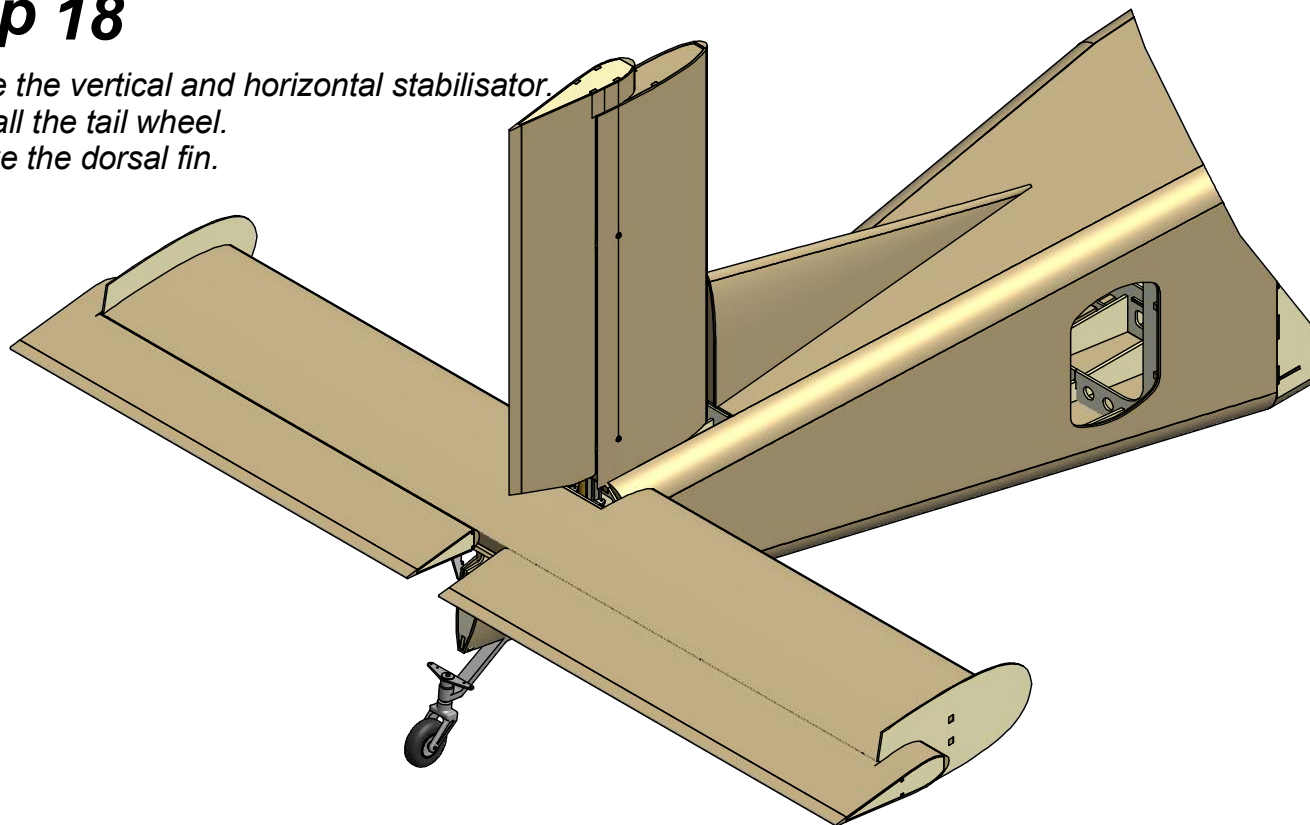
Pilatus PC-6 Turbo Porter Fuselage

Step 18

***Glue the vertical and horizontal stabiliser.

***Install the tail wheel.

***Make the dorsal fin.

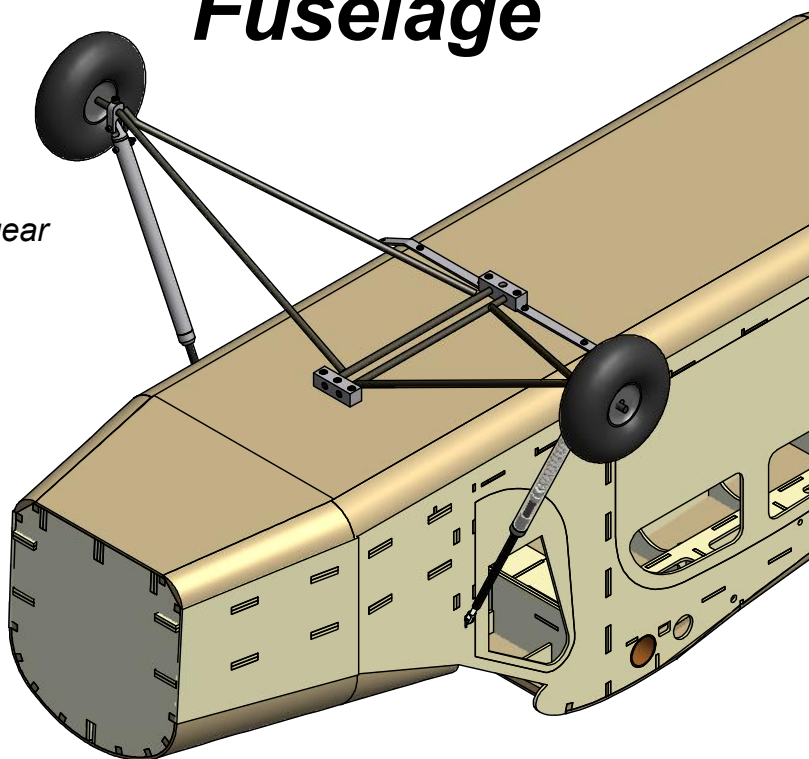




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Step 19

-Install the landing gear



Pilatus PC-6 Turbo Porter
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