



## Small Parts List for 55% Challenger 2

This is your list of required parts to complete your model

Quantity	Designation	Size in mm	Notes
	<b>Bolts/Screws</b>		
10	Cap Screw	M3X35	Tail Plane flying wires
20	Cap Screw	M4x30	Top Wing mount & Wing Flying Wire mounts
8	Cap Screw	M4x70	Interplane Strut Mounting
8	Cap Screw	M5x30	Main Landing Gear Mounting
	<b>Washers</b>		
20	Washer	M4	
18	Washer	M5	
	<b>Nuts</b>		
20	Nyloc	M4	
8	Captive	M4	Struts
8	Captive	M5	Landing Gear
	<b>Flying Wires</b>		
2Pk	Rigging Kit	M3	Tail Plane - Part#KAV6254/10
1Pk	Cable Couplers	M3	Main Wings - Part#KAV6244
4	Quick Release Clevis Assy. For Wings	M4	Main Wings - Part#KAV0153A
6m	Stainless Wire (Nylon Coated)	Ø1.2-1.3mm	Tail Plane Wires
12m	Stainless Wire (Nylon Coated)	Ø1.5-1.6mm	Wing Wires
1	Stainless Steel mounting set	Stainless Steel	Included in Kit Pack
	<b>Landing Gear</b>		
1 Set	Axle set with Collers	Ø6mm	Part#TOP2874
1 Set	Wheels	Ø150mm	Super Lights Air - Part#KAV0266
1	Main Landing Gear		Included in Composite Pack
1	Tail Wheel Assy		Ohio Superstar Extra Large
	<b>GRP / Composite Parts</b>		
1 Set	Wheel pants		Included in Composite Pack
1	Cowl		Included in Composite Pack
1	Canopy		Included in Composite Pack
1	Spinner	Ø150mm	
1	Aluminium Tube	Ø8od/Ø7.1id x1000mm	Stab Tube Socket - Part #751.8
1	Carbon Tube/Rod	Ø7od x1000mm	Stab Tube Inner - Part #6BI218050C
2	GFK Wing Tube Sockets	Ø35mmID x 1000mm	Part #01035.2
2	Carbon fibre Wing Tubes	Ø35mmOD x 1000mm	Part #0203K.35.31
1 Set	Cnc Milled Control Horns		Included in Kit Pack
52	Robart Large Hinges	Ø4.7mm	
6	Wing Anti Rotaion Pins		Use spare Stab Tube Components as required
1	Stainless Steel Wing Mount	2mm	Included in Kit Pack
2	Alluminium Tube	Ø12mm x 1000mm	Top Wing mount Cabane Struts

**Note: Items with Part numbers are available from [Topmodelcz.cz](http://Topmodelcz.cz)**



## **Material List for 55% Challenger 2**

This is your list of required Wood items to complete your model

<b>QTY</b>	<b>Size</b>	<b>Description</b>	<b>Plane Area</b>
8	5mm X 5mm x 1600mm	Spruce Strip	Rear Wing Spar
8	9.5mm X 6.5mm x 1600mm	Spruce Strip	Main Wing Spar
6	6.5mm X 9.5mm X 2100mm	Spruce Strip	Fuselage Longerons
3	6.5mm x 9.5mm x 1220mm	Spruce Strip	Tails and Fin
28	6.5mm x 9.5mm x 1200mm	Balsa Stringers	Tails and Rudder & Fuselage
12	9.5 x 9.5mm x 1200mm	Balsa Triangle	Wings Trailing Edge
56	5mm x 5mm x 1200mm	Balsa Stringers	Various
12	6.5mm x 100mm x 1200mm	Soft Balsa Sheet	Wing Leading Edges
50	2.4mm x 100mm x 1200mm	Soft Balsa Sheet	Sheeting Plane
16	2.4mm x 150mm x 1600mm	Soft Balsa Sheet	Wing Leading edge sheeting
4	25mm x 25mm x 1200mm	Balsa Square	Wing Hinge Blocks
2	50mm x 75mm x 915mm	Balsa Block	Wing Saddle
<b>Note:</b> 915mm long balsa sheets can be used - Some joins will be required which is acceptable			