



Small Parts List for 44% Challenger 2

This is your list of required parts to complete your model

Quantity	Designation	Size in mm	Notes
	Bolts/Screws		
10	Cap Screw	M3X35	Tail Wire Brackets
20	Cap Screw	M4x30	Top Wing mount & Wing Flying Wire mounts
8	Cap Screw	M4x60	Interplane Strut Mounting
4	Cap Screw	M6x20	Motor Box Mount
6	Cap Screw	M5x30	Main Landing Gear Mounting
	Washers		
20	Washer	M3	
20	Washer	M4	
18	Washer	M5	
	Nuts		
10	Nyloc	M3	
20	Nyloc	M4	
8	Captive	M4	Struts
4	Captive	M6	Motor Mount.
12	Captive	M5	Landing Gear & Motor box
	Flying Wires		
2Pk	Rigging Kit	M3	Tail Plane - Part#KAV6254/10
1Pk	Cable Couplers	M3	Main Wings - Part#KAV6244
4	Quick Release Celvis Assy. For Wings	M4	Main Wings - Part#KAV0153A
5M	Stainless Wire (Nylon Coated)	Ø1.0-1.2mm	Tail Plan Wires
10M	Stainless Wire (Nylon Coated)	Ø1.3-1.5mm	Wing Wires
1	Stainless Steel mounting Set	1.0/1.5mm	Included in Kit Pack
	Landing Gear		
1 Set	Axle set with Collers	Ø6mm	Part#TOP2874
1 Set	Wheels	Ø125mm	Super Lights Air - Part#KAV0260
1	Main Landing Gear		Included in Composite Pack
1	Tail Wheel Assy		Ohio Superstar Large
	GRP / Composite Parts		
1 Set	Wheel pants		Included in Composite Pack
1	Cowl		Included in Composite Pack
1	Canopy		Included in Composite Pack
1	Spinner	Ø125mm	Part#020CT127 Or 020CT125
1	Aluminium Tube	Ø8od/Ø7.1id x500mm	Stab Tube Socket - Part #751.8
1	Carbon Tube/Rod	Ø7od x500mm	Stab Tube Inner - Part #6BI218050C
1	Carbon/Aluminium Wing Tube	Ø30mm x 500mm	Top Wing Tube - Part# 01030.500
1	Carbon/Aluminium Wing Tube	Ø30mm x 1000mm	Bottom Wing Tube - Part# 01030
1 Set	Milled Composite Control Horns		Included in Kit Pack
35	Robart Large Hinges	Ø4.7mm	
6	Wing Anti Rotaion Pins		Use spare Stab Tube Components as required
1	Stainless Steel Wing Mount	1.5mm	Included in Kit Pack
2	Alluminium Tube	Ø10mm x 1000mm	Top Wing mounting - Part#751.7

Note: Items with Part numbers are available from Topmodelcz.cz



Material List for 44% Challenger 2

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

QTY	Size	Description	Plane Area
8	5mm X 5mm x 1200mm	Spruce Strip	Rear Wing Spa
8	5mm X 6.5mm x 1200mm	Spruce Strip	Main Wing Spa
6	6.5mm X 5mm X 1830	Spruce Strip	Fuselage Longerons
3	6.5mm x 9.5mm x 915mm	Spruce Strip	Tails and Fin
20	6.5mm x 9.5mm x 1200mm	Balsa Stringers	Tails and Rudder
35	4mm x 4mm x 1200mm	Balsa Stringers	Fuselage Turtle Deck Stringers
9	6.5 x 6.5mm x 1200	Balsa Triangle	Wings Trailing Edge
8	9.5mm x 5mm x 1200mm	Balsa Stringers	Wings
3	5mm x 5mm x 1200mm	Balsa Stringers	Various
2	100mm x 6.5mm x 1200mm	Soft Balsa Sheet	Wing Leading Edges
44	2.4mm x 100mm x 1200mm	Soft Balsa Sheet	Sheeting Plane
2	25mm x 50mm x 915mm	Balsa Block	Wing Saddle
Note: 915mm long balsa sheets can be used - Some joins will be required which is acceptable			
2	25.4mm x 1200mm	Balsa Dowel	Aileron Fronts
Note: these are cut in half so you have 4 half moons			

