

Master Packing/Parts Price List - Synergy N9

All prices are in US\$ exclusive of tax and shipping charges

Prices subject to change without notice

Revision Date - 7/18/06, 13:19 Hours

Assembly #	Part #	Description	Kit Qty.	Retail US\$	Qty per Unit
999-300		Kit, N9, complete		999.00	1 set
	999-001	Spares Bag	1		
	999-002	Individual Packed Parts	1		
	300-001	Landing Skid Bag	1		
	301-001	Hardware bag, 300-001	1		
	300-002	Fuel Tank Bag	1		
	301-002	Hardware bag, 300-002	1		
	300-003	Engine / Clutch Bag	1		
	301-003	Hardware bag, 300-003	1		
	300-004	Main Gear Bag	1		
	301-004	Hardware bag, 300-004	1		
	300-005	Main Shaft Bag	1		
	301-005	Hardware bag, 300-005	1		
	300-006	Frame Assembly #1 Bag	1		
	301-006	Hardware bag, 300-006	1		
	300-007	Frame Assembly #2 Bag	1		
	301-007	Hardware bag, 300-007	1		
	300-008	Frame completion bag w/hardware	1		
	300-009	Servo Mount Bag	1		
	301-009	Hardware bag, 300-009	1		
	300-010	Servo Inst. & Linkage Bag w/hardware	1		
	300-011	Swashplate Bag	1		
	301-011	Hardware bag, 300-011	1		
	300-012	Main Rotorhead Bag	1		
	301-012	Hardware bag, 300-012	1		
	300-013	Tail Rotor Bag	1		
	301-013	Hardware bag, 300-013	1		
	300-014	Torque Tube Bag	1		
	301-014	Hardware bag, 300-014	1		
	300-015	Tail Boom Bag	1		
	301-015	Hardware bag, 300-015	1		
	300-016	Canopy Bag	1		
	301-016	Hardware bag, 300-016	1		
	999-101	Users manual	1		
	999-102	Decal	1		

MATERIAL LIST BY PACKAGE

Bag #	Part #	Description	Kit Qty.	Retail US\$	Qty per Unit
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999-001**Spares Bag**

100-208	M2X8 Socket Head Cap Bolt	2	2.00	5 pcs
100-210	M2X10 Socket Head Cap Bolt	2	2.00	5 pcs
100-212	M2X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-251	M2 Regular Nut	2	1.50	5 pcs
100-310	M3X10 Socket Head Cap Bolt	4	2.00	5 pcs
100-312	M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-364	M3x4 Set Screw	2	2.00	5 pcs
106-120	Main Shaft Shim	1	1.75	4 pcs
106-305	Engine 0.5mm Shim	2	2.50	2 pcs
106-315	Engine 1.5mm Shim	2	2.50	2 pcs
106-301	3mm Bolt Shim	2	2.00	5 pcs
106-401	4mm Bolt Shim	2	1.00	2 pcs
106-601	6mm Tail Shim	2	1.75	4 pcs
106-801	Head Shim 0.5mm	2	2.50	2 pcs
106-802	Head Shim 0.75mm	2	2.50	2 pcs
106-920	2mm pin clips	2	1.50	4 pcs
106-965	Tail push rod sleeve	1	1.50	2 pcs
107-104	2mm Pivot Ball	1	4.00	5 pcs
107-106	3x4.5mm Pivot Ball	1	4.00	5 pcs

999-002**Individual Packed Parts**

107-295	C	2.5x295mm Tail Control Rod	1	2.00	1 pce
110-210		Servo Tray	1	12.50	1 pce
110-227		Tail Pitch Servo Pushrod 2.5x4x280	1	5.50	1 pce
110-310		Main Frame R & L, G10	2	36.00	1 pce
110-321		Landing Gear Skid Tube	2	10.00	2 pcs
110-342		Fan Shroud, Right	1	5.50	1 pce
110-343		Fan Shroud, Left	1	5.50	1 pce
110-400		Canopy Fiber Glass	1	68.00	1 pce
115-111		Tail rotor control rod 3x4.75x750	1	12.50	1 pce
115-117		Carbon Boom support 3.4x5.5x590	2	10.00	2 pcs
115-140	B	Tail Boom Aluminum/Black	1	20.00	1 pce
120-125	A	Flybar, 5mm	1	10.00	1 pce
200-216		Torque tube assembly	1	44.50	1 set
999-101		User's manual	1	n/a	1 pce
999-102		Decal	1	8.50	1 pce

300-001**Landing Skid Bag**

110-320		Landing Gear Strut/White	2	15.00	2 pcs
301-001		Hardware bag, 300-001			
101-310		M3X10 Button Head Bolt	4	4.00	5 pcs
110-322		Threaded Skid Tube Lock Down	4	3.00	4 pcs

300-002**Fuel Tank Bag**

110-330	B	Fuel Tank	1	6.00	1 pce
106-810		Fuel Tank Stopper Grommet	1	4.00	1 pce
110-331		Fuel Tank Stopper	1	4.50	1 pce
110-332		Fuel Tank Clunk	1	4.00	1 pce
110-333		Fuel Tank Clunk Hose	1	1.00	1 pce
110-334		Fuel Tank Vent	1	2.75	1 pce

300-003**Engine / Clutch Bag**

110-115		15T Pinion Gear	1	32.50	1 pce
106-955		Hex Starter Adaptor	1	8.75	1 pce
110-155	A	Clutch Bearing Block Plastic	2	3.00	1 pce
110-170		Engine Fan	1	6.50	1 pce
110-172		Fan Hub	1	28.00	1 pce
200-110		Clutch Bell Assembly	1	40.00	1 set
200-160		Inline Clutch Assembly	1	42.50	1 set

301-003 Hardware bag, 300-003

100-210		M2X10 Socket Head Cap Bolt	4	2.00	5 pcs
100-408		M4X8 Socket Head Cap Bolt	2	4.00	5 pcs
100-466		M4X6 Set Screw	1	2.50	2 pcs
101-306		M3X6 Button Head Bolt	4	4.00	5 pcs
106-326		5.5x26 threaded Hex Stand off	4	2.00	2 pcs
106-803		Washer, 8x1.0mm	1	2.00	2 pcs
108-105		10x19x5 Clutch Bearing	2	12.00	1 pce
108-615		Bearing , 6x15x5	1	7.50	2 pcs
110-174		Fan Hub Lower Collet	1	4.50	1 pce
110-175		Fan Hub Upper Collet	1	4.50	1 pce

300-004**Main Gear Bag**

108-151		15x23x11 Sprag/one way bearing	1	80.00	1 pce
110-124	A	124T Main Gear	1	50.00	1 pce
110-145	B	70T Crown Gear	1	40.00	1 pce
110-146	E	Crown Gear Hub	1	27.50	1 pce
110-150	A	Main Gear Hub Collar	1	4.00	1 pce
110-152		Sprag Bearing Inner Race	1	25.00	1 pce
110-153		Sprag Bearing Outer Race	1	9.50	1 pce
200-148	C1	Main Gear Hub Assembly w/BRG	1	36.00	1 set
200-149	D	Main Gear Hub End Cap Assembly w/BRG	1	24.50	1 set

301-004 Hardware bag, 300-004

100-208		M2X8 Socket Head Cap Bolt	6	2.00	5 pcs
101-306		M3X6 Button Head Bolt	6	4.00	5 pcs
101-308		M3X8 Button Head Bolt	6	4.00	5 pcs

300-005**Main Shaft Bag**

110-138	A	Main Shaft Collar	1	8.00	1 pce
110-140	C	Main Shaft	1	16.00	1 pce
110-142		Main Shaft Bearing Block Plastic	2	3.00	1 pce

301-005 Hardware bag, 300-005

100-306		M3X6 Socket Head Cap Bolt	4	2.00	5 pcs
100-408		M4X8 Socket Head Cap Bolt	2	4.00	5 pcs
100-464		M4X4 Set Screw	4	2.50	2 pcs
106-120		Main Shaft Shim	1	1.75	4 pcs
106-326		5.5x26 threaded Hex Stand off	4	2.00	2 pcs
108-125		12x21x5 Main Shaft Bearing	2	12.75	1 pce

300-006**Frame Assembly #1 Bag**

110-211	A	Servo Tray Lower Mount	1	18.50	1 pce
110-226		Tail offset bell crank Block	1	12.00	1 pce
110-311		Front Frame Plate, G10	1	15.00	1 pce
110-312		Frame Connector Block	2	21.00	1 pce

110-313	Frame Support "X-Brace"	3	23.00	1 pce
110-420	Canopy Front Mount	1	15.00	1 pce
301-006	Hardware bag, 300-006			
100-308	M3X8 Socket Head Cap Bolt	2	2.00	5 pcs
100-310	M3X10 Socket Head Cap Bolt	15	2.00	5 pcs
100-312	M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-472	M4X20 Set Screw	1	3.00	2 pcs
101-308	M3X8 Button Head Bolt	2	4.00	5 pcs
106-807	Fuel Tank Edge Grommet	1	9.00	2 pcs
110-223	4x26mm Threaded Spacer	1	1.50	1 pce
110-422	Canopy Rear Stand Off	1	10.00	1 pce

300-007

	Frame Assembly #2 Bag			
106-952	Governor Sensor Mount, molded	1	5.00	1 pce
110-315	Engine Mount Center Block	1	45.00	1 pce
110-316	Engine Mount Side Block	1	6.00	1 pce
301-007	Hardware bag, 300-007			
100-310	M3X10 Socket Head Cap Bolt	6	2.00	5 pcs
100-312	M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-354	M3 Flat washer normal	2	2.00	10 pcs
100-440	M4X40 Socket Head Cap Bolt	2	4.00	2 pcs
100-451	M4 Nylock nut	2	2.50	5 pcs
106-310	Engine mount shim, 1.0mm	1	2.50	2 pcs
106-930	M3 Step Washer	2	4.00	2 pcs
101-412	M4X12 Button Head Bolt	4	5.00	5 pcs

300-008

	Frame Completion Bag			
110-316	Engine Mount Side Block	1	6.00	1 pce
110-345	Rear gyro sensor mount, molded	1	4.50	1 pce
100-310	M3X10 Socket Head Cap Bolt	17	2.00	5 pcs
100-312	M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-340	M3X40 Socket Head Cap Bolt	4	2.00	5 pcs
100-351	M3 Nylock nut	4	1.50	5 pcs
100-354	M3 Flat washer normal	4	2.00	10 pcs
100-440A	M4X40 Socket Head Cap Bolt, Special	2	5.00	2 pcs
100-451	M4 Nylock nut	2	2.50	5 pcs
100-472	M4X20 Set Screw	1	3.00	2 pcs
101-412	M4X12 Button Head Bolt	4	5.00	5 pcs
106-310	Engine mount shim, 1.0mm	1	2.50	2 pcs
106-807	Fuel Tank Edge Grommet	1	9.00	2 pcs
106-930	M3 Step Washer	2	4.00	2 pcs
110-422	Canopy Rear Stand Off	1	8.50	1 pce

300-009

	Servo Mount Bag			
110-214	Center Servo Mount	2	4.00	1 pce
110-215 A	Outside Servo Mount	4	4.00	1 pce
110-216	Left Servo Mount Support, G10	1	6.00	1 pce
110-218	Right Servo Mount Support, G10	1	4.00	1 pce
110-221 New	Cyclic Bell-Crank, Plastic	3	3.50	1 pce
301-009	Hardware bag, 300-009			
100-340	M3X40 Socket Head Cap Bolt	8	2.00	5 pcs
101-408	M4X8 Button Head Bolt	1	5.00	5 pcs

101-420	M4X20 Button Head Bolt	3	5.00	5 pcs
106-326	5.5x26 threaded Hex Stand off	4	2.00	2 pcs
106-401	4mm Bolt Shim	2	1.00	2 pcs
107-106	3x4.5mm Pivot Ball	6	4.00	5 pcs
108-483	Bearing, 4x8x3	6	7.50	1 pce
109-463	4x6x3mm Spacer	3	1.50	2 pcs
110-222	4x3.5mm Bell-Crank Spacer	3	1.50	1 pce
110-223	4x26mm Threaded Spacer	1	1.50	1 pce
110-224	4x13mm Threaded Spacer	1	1.50	1 pce

300-010

Servo Installation / Linkage Bag

110-225 B	Tail offset bell crank	1	15.00	1 pce
100-212	M2X12 Socket Head Cap Bolt	20	2.00	5 pcs
100-251	M2 Regular Nut	5	1.50	5 pcs
100-310	M3X10 Socket Head Cap Bolt	6	2.00	5 pcs
100-316	M3X16 Socket Head Cap Bolt	1	2.00	5 pcs
101-310	M3x10 Button Head Bolt	6	4.00	5 pcs
106-115	Servo Hold Down	10	5.00	5 pcs
106-301	3mm Bolt Shim	1	2.00	5 pcs
106-326	5.5x26 threaded Hex Stand off	3	2.00	2 pcs
107-065	Link rod, 2.5x65mm	2	4.00	2 pcs
107-075	Link rod, 2.5x75mm	1	4.00	2 pcs
107-100	Ball Link 2.5mm	10	3.50	10 pcs
107-104	2mm Pivot Ball	5	4.00	5 pcs
107-106	3x4.5mm Pivot Ball	2	4.00	5 pcs
107-155	Link rod, 2.5x155mm	1	4.00	1 pce
108-373	3x7x3 Bell Crank Bearing	2	6.00	2 pcs
108-470	4x7x2.5 Flanged Servo Pivot Bearing	3	8.00	2 pcs
109-352	3x5x2mm Spacer	2	1.50	2 pcs
110-212	Servo Mounting Plate 3mm	4	1.50	2 pcs
110-217	Cyclic Servo Pivot Support, G10	3	6.00	2 pcs
110-228	Threaded Servo Horn Mounts, 2.5mm	3	2.50	2 pcs
110-229	Threaded Servo Horn Mounts, 2mm	3	2.50	2 pcs

300-011

Swashplate Bag

120-213 B	Washout Arm Molded	2	8.00	2 pcs
120-214A	Washout Link	2	3.00	2 pcs
200-210	Washout Hub Assmely	1	27.50	1 set
200-218	Swashplate Assembly	1	94.50	1 set

301-011 Hardware bag, 300-011

100-312	M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-316	M3X16 Socket Head Cap Bolt	2	2.00	5 pcs
100-364	M3x4 Set Screw	1	2.00	5 pcs
106-301	3mm Bolt Shim	2	2.00	5 pcs
106-920	2mm pin clips	4	1.50	4 pcs
106-922	2mm washout pins	2	2.00	2 pcs
107-106	3x4.5mm Pivot Ball	7	4.00	5 pcs
107-108	3x7mm Pivot Ball	2	4.00	5 pcs
108-373	3x7x3 Bell Crank Bearing	1	6.00	2 pcs
108-383	3x8x3 Bell Crank Bearing	4	6.00	2 pcs
109-355	3x5x5mm Spacer	1	2.00	2 pcs
109-354	Spacer, 3x5+F292x4	2	2.00	2 pcs

300-012

		Main Rotorhead Bag			
120-112	B	Main Rotor Grip Plastic	2	15.00	1 pce
120-113		Head Axle Sleeve	1	6.00	1 pce
120-114	B	Head Axle	1	10.50	1 pce
120-115		Head Button Plastic	1	2.50	1 pce
120-116	A	Bell Mixer	2	22.50	1 pce
120-119	B	Flybar Control Arm	2	22.50	1 pce
120-121	A	Flybar Control Arm Stand Off	2	15.00	2 pcs
120-122		Swash Anti Rotation	1	4.50	1 pce
200-120		Main Rotorhead T-Block Assembly	1	98.50	1 set

301-012 Hardware bag, 300-012

100-310		M3X10 Socket Head Cap Bolt	5	2.00	5 pcs
100-312		M3X12 Socket Head Cap Bolt	2	2.00	5 pcs
100-464		M4X4 Set Screw	1	2.50	2 pcs
100-466		M4X6 Set Screw	2	2.50	2 pcs
100-516		M5X16 Socket Head Bolt	2	3.50	2 pcs
100-554		M5 flat washer	2	1.50	2 pcs
101-308		M3X8 Button Head Bolt	4	4.00	5 pcs
101-412		M4X12 Button Head Bolt	2	5.00	5 pcs
106-401		4mm Bolt Shim	2	1.00	2 pcs
106-803		Head Shim 1.0mm	4	2.50	2 pcs
106-806		Head O-rings Neoprene HR:70~80	4	8.00	2 pcs
106-900		Jesus Pin	1	4.00	1 pce
107-012		Link rod, 2.5x12mm	2	2.50	2 pcs
107-024		Link rod, 2.5x24mm	5	3.00	2 pcs
107-075		Link rod, 2.5x75mm	2	4.00	2 pcs
107-100		Ball Link 2.5mm	16	3.50	10 pcs
107-101		Ball Link 2.5mm, short	2	1.00	2 pcs
107-106		3x4.5mm Pivot Ball	6	4.00	5 pcs
108-816		8X16X5 Main Grip Bearing	4	18.00	2 pcs
108-817		8X16X5 Main Grip Thrust Bearing	2	12.50	1 pce
108-472		4x7x2.5 Bell Crank Bearing	4	7.50	2 pcs
109-351		3x5x1.6mm Spacer	2	1.50	2 pcs
109-462		4x6x2mm Spacer	2	1.50	2 pcs

300-013

		Tail Rotor Bag			
115-319		Pitch slider bearing ring	1	1.00	1 pce
115-321	B	Tail Pitch plate	1	18.50	1 pce
115-322	A	Tail pitch link	2	3.00	2 pcs
115-323	B	Tail rotor hub	1	18.00	1 pce
115-324		Tail Rotor Grip	2	5.00	2 pcs

301-013 Hardware bag, 300-013

100-306		M3x6 Socket Head Cap Bolt	2	2.00	5 pcs
100-354		M3 Flat washer normal	2	2.00	10 pcs
100-364		M3X4 Set Screw	1	2.00	5 pcs
106-813		Tail Pitch Slider Lock Ring	1	1.00	1 pce
106-920		2mm pin clips	4	1.50	4 pcs
106-921		Tail Pitch Link Pin	2	1.50	2 pcs
107-103		2mm Pivot Ball (Shorter for Tail Rotor)	1	1.00	1 pcs
107-104		2mm Pivot Ball	2	4.00	5 pcs
108-510		5x10x4 Tail Grip Bearing	2	7.00	2 pcs

108-511	5x10x4 Tail Thrust Bearing	2	7.50	1 pce
108-812	8x12x2.5 Open Tail Slider Bearing	2	7.50	2 pcs
115-318	Tail pitch slider bushing	1	4.00	1 pce

300-014

Torque Tube Bag

115-210	B	15 Tooth bevel gear	1	25.00	1 pce
115-211	B	Transmission output shaft	1	8.50	1 pce
115-212	A	Trans. Output shaft bearing block	1	13.50	1 pce
115-213	A	TT Coupler Housing	1	7.50	1 pce
115-214		Plastic hex bushing	1	3.00	1 pce
115-215	A	TT Hex coupler	1	18.00	1 pce
115-217	A	TT collar	2	7.50	1 pce
115-221		TT rear coupler	1	18.00	1 pce

301-014 Hardware bag, 300-014

106-910		Tail Drive Shaft Roll Pin	1	2.50	2 pcs
108-615		6x15x5 Tail Bearing	2	7.50	2 pcs
100-364		M3x4 Set Screw	16	2.00	5 pcs

300-015

Tail Boom Bag

106-965		Tail push rod sleeve	1	1.50	2 pcs
115-110		Main Boom Clamp	2	20.00	1 pce
115-114		Tail rotor control rod guide	1	1.50	1 pce
115-115		Tail rotor control rod bushing	1	1.50	1 pce
115-121		Boom support front spacer	2	4.00	2 pcs
115-122		Boom support threaded spacer	1	3.00	1 pce
115-125		Horizontal fin clamp, lower	1	15.00	1 pce
115-126		Horizontal fin clamp, upper	1	11.00	1 pce
115-130		Horizontal fin G10, 2mm	1	5.00	1 pce
115-135		Vertical fin G10, 3mm	1	18.00	1 pce
115-138		Vertical fin clamp	1	29.50	1 pce
115-316		Tail rotor bell-crank	1	3.00	1 pce
200-115		Tail Gearbox Assembly	1	136.50	1 set

301-015 Hardware bag, 300-015

100-251		M2 Regular Nut	1	1.50	5 pcs
100-254		M2 Flat Washer Normal	1	1.00	5 pcs
100-308		M3X8 Socket Head Cap Bolt	2	2.00	5 pcs
100-310		M3X10 Socket Head Cap Bolt	2	2.00	5 pcs
100-320		M3X20 Socket Head Cap Bolt	3	2.50	5 pcs
100-335		M3x35 Socket Head Cap Bolt	4	3.00	5 pcs
100-351		M3 Nylock nut	5	1.50	5 pcs
100-354		M3 Flat washer normal	1	2.00	10 pcs
100-364		M3x4 Set Screw	4	2.00	5 pcs
101-310		M3x10 Button Head Bolt	4	4.00	5 pcs
101-412		M4x12 Button Head Bolt	2	5.00	5 pcs
101-430		M4x30 Button Head Bolt	2	5.00	5 pcs
106-301		3mm Bolt Shim	2	2.00	5 pcs
106-965		Tail push rod sleeve	1	1.50	2 pcs
107-035		Link rod, 2.5X35mm	2	3.50	2 pcs
107-100		Ball Link 2.5mm	2	3.50	10 pcs
107-104		2mm Pivot Ball	1	4.00	5 pcs
108-373		3x7x3 Bell Crank Bearing	2	6.00	2 pcs
109-355		3x5x5mm Spacer	1	1.00	1 pce

	115-119	Boom support end plastic	4	3.00	4 pcs
300-016		Canopy Bag	1	89.50	1 set
	130-050	Paddles SAB 3D 5mm	1	48.50	1 pair
	130-105	105mm Tail Blades SAB	1	32.50	1 pair
	301-016	Hardware bag, 300-016			
	100-312	M3X12 Socket Head Cap Bolt	4	2.00	5 pcs
	100-320	M3x20 Socket Head Cap Bolt	2	2.00	5 pcs
	100-351	M3 Nylock nut	2	1.50	5 pcs
	100-550A	M5X50 Socket Head Cap Bolt	2	4.00	2 pcs
	100-551	M5 NyLock Nut	2	1.50	2 pcs
	110-418	Canopy Rubber Grommet	4	3.50	4 pcs
	110-425	Canopy Thumb Screw	4	10.50	2 pcs

MATERIAL LIST BY SUB-ASSEMBLY

Sub-Assy #	Part #	Description	Kit Qty.	Retail US\$	Qty per Unit
	REV.				
200-110		Clutch Bell Assembly	1	40.00	1 set
	108-814	8x14x4 Clutch Bell Bearing	1	7.50	1 pce
	110-157 F	Clutch Bell	1	n/a	
	110-158	Clutch Lining	1	6.00	1 pce
200-115		Tail Gearbox Assembly		136.50	1 set
	100-208	M2X8 Socket Head Cap Bolt	3	1.50	5 pcs
	100-364	M3x4 Set Screw	2	2.00	5 pcs
	106-601	6mm Tail Shim	1	1.75	4 pcs
	106-923 New	2.4mm Tail Gear Pin	2	2.00	2 pcs
	108-615	6x15x5 Tail Bearing	4	7.50	2 pcs
	115-310 A	Tail transmission case	1	46.50	1 pce
	115-311 A	Tail transmission case cap	1	15.00	1 pce
	115-312 C	Tail output shaft	1	12.50	1 pce
	115-313 C	Tail input shaft	1	12.50	1 pce
	109-614	Output Shaft Sleeve	1	2.00	1 pce
	115-315 B	Tail rotor bevel gear, Plastic	2	18.00	1 pce
200-120		Main Rotorhead T-Block Assembly		98.50	1 set
	100-406	M4x6 Socket Head Bolt	2	4.50	5 pcs
	106-925	Pin, 2.5x32, anti-rotation	2	3.00	2 pcs
	108-484	Bearing, 4x8x4 flanged	2	7.50	1 pce
	106-401	4mm Bolt Shim	2	1.00	2 pcs
	120-110	Head T-Block	1	65.00	1 pce
	120-118A	Seesaw	1	18.00	1 pce
	108-510	5x10x4 Tail Grip Bearing	2	7.00	2 pcs
200-148		Main Gear Hub Assembly		36.00	1 set
	108-155	15x24x5 Main gear Hub Bearing	1	15.00	1 pce
	110-148 C1	Main Gear Hub	1	n/a	

200-149			Main Gear Hub End Cap Assembly		24.50	1 set
	108-155		15x24x5 Main gear Hub Bearing	1	15.00	1 pce
	110-149	D	Main Gear Hub End Cap	1		
200-160			Inline Clutch Assembly	1	42.50	1 set
	110-160	D	<u>Clutch</u>	1	n/a	
	110-162	B	<u>Start Shaft</u>	1	n/a	
200-210			Washout Hub Assembly		27.50	1 set
	120-210	A	Washout Hub-Metal	1	n/a	
	120-211		Wash out Hub bushing	1	n/a	
200-216			Torque Tube Assembly		44.50	1 set
	108-124		Bearing, 12x18x4	2	7.50	2 pcs
	106-808		TT O-ring	2	4.00	2 pcs
	115-216		Torque Tube	1	24.00	1 pce
	115-218		TT Inner Bearing Ring	2	4.50	1 pce
	115-219		TT Outer Bearing Cup	2	4.50	1 pce
200-218			Swashplate Assembly		94.50	1 set
	100-312		M3X12 Socket Head Cap Bolt	1	2.00	5 pcs
	108-127		Spherical Plain Bearing "LS"	1	n/a	
	108-257		25x37x7 Swash Main Bearing	1	n/a	
	120-218	C	Swash-Plate Inner Ring	1	n/a	
	120-220	B	Swash-Plate Outer Ring	1	n/a	

MATERIAL LIST BY PART NUMBER

First used	Part #	Rev.	Description	Kit Qty.	Retail US\$	Qty per Unit
301-004	100-208		M2X8 Socket Head Cap Bolt	9	2.00	5 pcs
301-003	100-210		M2X10 Socket Head Cap Bolt	4	2.00	5 pcs
300-010	100-212		M2X12 Socket Head Cap Bolt	20	2.00	5 pcs
300-010	100-251		M2 Regular Nut	6	1.50	5 pcs
301-015	100-254		M2 Flat Washer Normal	1	1.00	5 pcs
301-005	100-306		M3X6 Socket Head Cap Bolt	6	2.00	5 pcs
301-006	100-308		M3X8 Socket Head Cap Bolt	4	2.00	5 pcs
301-006	100-310		M3X10 Socket Head Cap Bolt	51	2.00	5 pcs
301-006	100-312		M3X12 Socket Head Cap Bolt	15	2.00	5 pcs
300-010	100-316		M3X16 Socket Head Cap Bolt	3	2.00	5 pcs
301-015	100-320		M3X20 Socket Head Cap Bolt	5	2.50	5 pcs
301-015	100-335		M3x35 Socket Head Cap Bolt	4	3.00	5 pcs
300-008	100-340		M3X40 Socket Head Cap Bolt	12	2.00	5 pcs
300-008	100-351		M3 Nylock nut	11	1.50	5 pcs
301-007	100-354		M3 Flat washer normal	9	2.00	10 pcs
301-011	100-364		M3x4 Set Screw	24	2.00	5 pcs
200-120	100-406		M4x6 Socket Head Bolt	2	4.50	5 pcs
301-003	100-408		M4X8 Socket Head Cap Bolt	4	4.00	5 pcs
301-007	100-440		M4X40 Socket Head Cap Bolt	2	4.00	2 pcs
300-008	100-440A		M4X40 Socket Head Cap Bolt, Special	2	5.00	2 pcs
301-007	100-451		M4 Nylock nut	4	2.50	5 pcs

301-005	100-464	M4X4 Set Screw	5	2.50	2 pcs
301-003	100-466	M4X6 Set Screw	3	2.50	2 pcs
301-006	100-472	M4X20 Set Screw	2	3.00	2 pcs
301-012	100-516	M5X16 Socket Head Bolt	2	3.50	2 pcs
301-016	100-550A	M5X50 Socket Head Cap Bolt	2	4.00	2 pcs
301-016	100-551	M5 NyLock Nut	2	1.50	2 pcs
301-012	100-554	M5 flat washer	2	1.50	2 pcs
301-003	101-306	M3X6 Button Head Bolt	10	4.00	5 pcs
301-004	101-308	M3X8 Button Head Bolt	12	4.00	5 pcs
301-001	101-310	M3X10 Button Head Bolt	14	4.00	5 pcs
301-009	101-408	M4X8 Button Head Bolt	1	5.00	5 pcs
301-007	101-412	M4X12 Button Head Bolt	12	5.00	5 pcs
301-009	101-420	M4X20 Button Head Bolt	3	5.00	5 pcs
301-015	101-430	M4x30 Button Head Bolt	2	5.00	5 pcs
300-010	106-115	Servo Hold Down	10	5.00	5 pcs
999-001	106-120	Main Shaft Shim	2	1.75	4 pcs
300-010	106-301	3mm Bolt Shim	5	2.00	5 pcs
999-001	106-305	Engine 0.5mm Shim	2	2.50	2 pcs
301-007	106-310	Engine mount shim, 1.0mm	2	2.50	2 pcs
999-001	106-315	Engine 1.5mm Shim	2	2.50	2 pcs
999-001	106-301	3mm Bolt Shim	2	2.00	5 pcs
301-003	106-326	5.5x26 threaded Hex Stand off	15	2.00	2 pcs
999-001	106-401	4mm Bolt Shim	8	1.00	2 pcs
999-001	106-601	6mm Tail Shim	3	1.75	4 pcs
999-001	106-801	Head Shim 0.5mm	2	2.50	2 pcs
999-001	106-802	Head Shim 0.75mm	2	2.50	2 pcs
301-006	106-807	Fuel Tank Edge Grommet	2	9.00	2 pcs
301-003	106-803	Washer, 8x1.0mm	5	2.00	2 pcs
301-012	106-806	Head O-rings Neoprene HR:70~80	4	8.00	2 pcs
200-216	106-808	TT O-ring	2	4.00	2 pcs
301-002	106-810	Fuel Tank Stopper Grommet	1	4.00	1 pce
301-013	106-813	Tail Pitch Slider Lock Ring	1	1.00	1 pce
301-012	106-900	Jesus Pin	1	4.00	1 pce
301-014	106-910	Tail Drive Shaft Roll Pin	1	2.50	2 pcs
301-013	106-920	2mm pin clips	8	1.50	4 pcs
301-013	106-921	Tail Pitch Link Pin	2	1.50	2 pcs
301-011	106-922	2mm washout pins	2	2.00	2 pcs
200-115	106-923	2.4mm Tail Gear Pin	2	2.00	2 pcs
200-120	106-925	Pin, 2.5x32, anti-rotation	2	3.00	2 pcs
301-007	106-930	M3 Step Washer	4	4.00	2 pcs
300-007	106-952	Governor Sensor Mount, molded	1	5.00	1 pce
300-003	106-955	Hex Starter Adaptor	1	8.75	1 pce
300-015	106-965	Tail push rod sleeve	1	1.50	2 pcs
301-012	107-012	Link rod, 2.5x12mm	2	2.50	2 pcs
301-012	107-024	Link rod, 2.5x24mm	5	3.00	2 pcs
301-015	107-035	Link rod, 2.5X35mm	2	3.50	2 pcs
300-010	107-065	Link rod, 2.5x65mm	2	4.00	2 pcs
300-010	107-075	Link rod, 2.5x75mm	3	4.00	2 pcs
300-010	107-100	Ball Link 2.5mm	28	3.50	10 pcs
300-012	107-101	Ball Link 2.5mm, short	2	1.00	2 pcs
301-013	107-103	2mm Pivot Ball (Shorter for Tail Rotor)	1	1.00	1 pcs
300-010	107-104	2mm Pivot Ball	8	4.00	5 pcs

301-009	107-106	3x4.5mm Pivot Ball	21	4.00	5 pcs
301-011	107-108	3x7mm Pivot Ball	2	4.00	5 pcs
300-010	107-155	Link rod, 2.5x155mm	1	4.00	1 pce
999-002	107-295	2.5x295mm Tail Control Rod	1	2.00	1 pce
301-003	108-105	10x19x5 Clutch Bearing	2	12.00	1 pce
200-216	108-124	Bearing, 12x18x4	2	7.50	2 pcs
301-005	108-125	12x21x5 Main Shaft Bearing	2	12.75	1 pce
200-218	108-127	Spherical Plain Bearing "LS"	1	See 200-218	
300-004	108-151	15x23x11 Sprag/one way bearing	1	90.00	1 pce
200-149	108-155	15x24x5 Main gear Hub Bearing	2	15.00	1 pce
200-218	108-257	25x37x7 Swash Main Bearing	1	See 200-218	
300-010	108-373	3x7x3 Bell Crank Bearing	5	6.00	2 pcs
301-011	108-383	3x8x3 Bell Crank Bearing	4	6.00	2 pcs
300-010	108-470	4x7x2.5 Flanged Servo Pivot Bearing	3	8.00	2 pcs
301-012	108-472	4x7x2.5 Bell Crank Bearing	4	7.50	2 pcs
301-009	108-483	Bearing, 4x8x3	6	7.50	1 pce
200-120	108-484	Bearing, 4x8x4 flanged	2	7.50	1 pce
301-013	108-510	5x10x4 Tail Grip Bearing	4	7.00	2 pcs
301-013	108-511	5x10x4 Tail Thrust Bearing	2	7.50	1 pce
301-003	108-615	Bearing , 6x15x5	3	7.50	2 pcs
301-013	108-812	8x12x2.5 Open Tail Slider Bearing	2	7.50	2 pcs
200-110	108-814	8x14x4 Clutch Bell Bearing	1	7.50	1 pce
301-012	108-816	8X16X5 Main Grip Bearing	4	18.00	2 pcs
301-012	108-817	8X16X5 Main Grip Thrust Bearing	2	12.50	1 pce
301-012	109-351	3x5x1.6mm Spacer	2	1.50	2 pcs
300-010	109-352	3x5x2mm Spacer	2	1.50	2 pcs
301-011	109-355	3x5x5mm Spacer	2	2.00	2 pcs
301-011	109-354	Spacer, 3x5x4	2	2.00	2 pcs
301-012	109-462	4x6x2mm Spacer	2	1.50	2 pcs
301-009	109-463	4x6x3mm Spacer	3	1.50	2 pcs
200-115	109-614	Output Shaft Sleeve	1	2.00	1 pce
300-003	110-115	15T Pinion Gear	1	32.50	1 pce
300-004	110-124	124T Main Gear	1	50.00	1 pce
300-005	110-138	Main Shaft Collar	1	8.00	1 pce
300-005	110-140	Main Shaft	1	16.00	1 pce
300-005	110-142	Main Shaft Bearing Block Plastic	2	3.00	1 pce
300-004	110-145	70T Crown Gear	1	40.00	1 pce
300-004	110-146	Crown Gear Hub	1	27.50	1 pce
200-148	110-148	Main Gear Hub	1	See 200-148	
200-149	110-149	Main Gear Hub End Cap	1	See 200-149	
300-004	110-150	Main Gear Hub Collar	1	4.00	1 pce
300-004	110-152	Sprag Bearing Inner Race	1	25.00	1 pce
300-004	110-153	Sprag Bearing Outer Race	1	9.50	1 pce
300-003	110-155	Clutch Bearing Block Plastic	2	3.00	1 pce
200-110	110-157	Clutch Bell	1	See 200-110	
200-110	110-158	Clutch Lining	1	6.00	1 pce
200-160	110-160	Clutch	1	See 200-160	
200-160	110-162	Start Shaft	1	See 200-160	
300-003	110-170	Engine Fan	1	6.50	1 pce
300-003	110-172	Fan Hub	1	28.00	1 pce
301-003	110-174	Fan Hub Lower Collet	1	4.50	1 pce
301-003	110-175	Fan Hub Upper Collet	1	4.50	1 pce

999-002	110-210	Servo Tray	1	12.50	1 pce
300-005	110-211	Servo Tray Lower Mount	1	18.50	1 pce
300-010	110-212	Servo Mounting Plate 3mm	4	1.50	2 pcs
300-009	110-214	Center Servo Mount	2	4.00	1 pce
300-009	110-215	Outside Servo Mount	4	4.00	1 pce
300-009	110-216	Left Servo Mount Support, G10	1	6.00	1 pce
300-010	110-217	Cyclic Servo Pivot Support, G10	3	6.00	2 pcs
300-009	110-218	Right Servo Mount Support, G10	1	4.00	1 pce
300-009	110-221	Cyclic Bell-Crank, Plastic	3	3.50	1 pce
301-009	110-222	4x3.5mm Bell-Crank Spacer	3	1.50	1 pce
301-006	110-223	4x26mm Threaded Spacer	2	1.50	1 pce
301-009	110-224	4x13mm Threaded Spacer	1	1.50	1 pce
300-010	110-225	Tail offset bell crank	1	15.00	1 pce
300-006	110-226	Tail offset bell crank Block	1	12.00	1 pce
999-002	110-227	Tail Pitch Servo Pushrod 2.5x4x280	1	5.50	1 pce
300-010	110-228	Threaded Servo Horn Mounts, 2.5mm	3	2.50	2 pcs
300-010	110-229	Threaded Servo Horn Mounts, 2mm	3	2.50	2 pcs
999-002	110-310	Main Frame R & L, G10	2	36.00	1 pce
300-006	110-311	Front Frame Plate, G10	1	15.00	1 pce
300-006	110-312	Frame Connector Block	2	21.00	1 pce
300-006	110-313	Frame Support "X-Brace"	3	23.00	1 pce
300-007	110-315	Engine Mount Center Block	1	45.00	1 pce
300-007	110-316	Engine Mount Side Block	2	6.00	1 pce
300-001	110-320	Landing Gear Strut/White	2	15.00	2 pcs
999-002	110-321	Landing Gear Skid Tube	2	10.00	2 pcs
301-001	110-322	Threaded Skid Tube Lock Down	4	3.00	4 pcs
300-002	110-330	Fuel Tank	1	6.00	1 pce
301-002	110-331	Fuel Tank Stopper	1	4.50	1 pce
301-002	110-332	Fuel Tank Clunk	1	4.00	1 pce
301-002	110-333	Fuel Tank Clunk Hose	1	1.00	1 pce
301-002	110-334	Fuel Tank Vent	1	2.75	1 pce
999-002	110-342	Fan Shroud, Right	1	5.50	1 pce
999-002	110-343	Fan Shroud, Left	1	5.50	1 pce
300-008	110-345	Rear gyro sensor mount, molded	1	4.50	1 pce
999-002	110-400	Canopy Fiber Glass	1	68.00	1 pce
301-016	110-418	Canopy Rubber Grommet	4	3.50	4 pcs
300-006	110-420	Canopy Front Mount	1	15.00	1 pce
301-006	110-422	Canopy Rear Stand Off	2	10.00	1 pce
301-016	110-425	Canopy Thumb Screw	4	10.50	2 pcs
300-015	115-110	Main Boom Clamp	2	20.00	1 pce
999-002	115-111	Tail rotor control rod 3x4.75x750	1	12.50	1 pce
300-015	115-114	Tail rotor control rod guide	1	1.50	1 pce
300-015	115-115	Tail rotor control rod bushing	1	1.50	1 pce
999-002	115-117	Carbon Boom support 3.4x5.5x590	2	10.00	2 pcs
301-015	115-119	Boom support end plastic	4	3.00	4 pcs
300-015	115-121	Boom support front spacer	2	4.00	2 pcs
300-015	115-122	Boom support threaded spacer	1	3.00	1 pce
300-015	115-125	Horizontal fin clamp, lower	1	15.00	1 pce
300-015	115-126	Horizontal fin clamp, upper	1	11.00	1 pce
300-015	115-130	Horizontal fin Carbon 2mm	1	5.00	1 pce
300-015	115-135	Vertical fin Carbon 3mm	1	18.00	1 pce
300-015	115-138	Vertical fin clamp	1	29.50	1 pce

999-002	115-140	Tail Boom Aluminum/Black	1	20.00	1 pce
300-014	115-210	15 Tooth bevel gear	1	25.00	1 pce
300-014	115-211	Transmission output shaft	1	8.50	1 pce
300-014	115-212	Trans. Output shaft bearing block	1	13.50	1 pce
300-014	115-213	TT Coupler Housing	1	7.50	1 pce
300-014	115-214	Plastic hex bushing	1	3.00	1 pce
300-014	115-215	TT Hex coupler	1	18.00	1 pce
200-216	115-216	Torque Tube	1	24.00	1 pce
300-014	115-217	TT collar	2	7.50	1 pce
200-216	115-218	TT Inner Bearing Ring	2	4.50	1 pce
200-216	115-219	TT Outer Bearing Cup	2	4.50	1 pce
300-014	115-221	TT rear coupler	1	18.00	1 pce
200-115	115-310	Tail transmission case	1	46.50	1 pce
200-115	115-311	Tail transmission case cap	1	15.00	1 pce
200-115	115-312	Tail output shaft	1	12.50	1 pce
200-115	115-313	Tail input shaft	1	12.50	1 pce
200-115	115-315	Tail rotor bevel gear, Plastic	2	18.00	1 pce
300-015	115-316	Tail rotor bell-crank	1	3.00	1 pce
301-013	115-318	Tail pitch slider bushing	1	4.00	1 pce
300-013	115-319	Pitch slider bearing ring	1	1.00	1 pce
300-013	115-321	Tail Pitch plate	1	18.50	1 pce
300-013	115-322	Tail pitch link	2	3.00	2 pcs
300-013	115-323	Tail rotor hub	1	18.00	1 pce
300-013	115-324	Tail Rotor Grip	2	5.00	2 pcs
200-120	120-110	Head T-Block	1	65.00	1 pce
200-120	120-118A	Seesaw	1	18.00	1 pce
300-012	120-112	Main Rotor Grip Plastic	2	15.00	1 pce
300-012	120-113	Head Axle Sleeve	1	6.00	1 pce
300-012	120-114	Head Axle	1	10.50	1 pce
300-012	120-115	Head Button Plastic	1	2.50	1 pce
300-012	120-116	Bell Mixer	2	22.50	1 pce
300-012	120-119	Flybar Control Arm	2	22.50	1 pce
300-012	120-121	Flybar Control Arm Stand Off	2	15.00	2 pcs
300-012	120-122	Swash Anti Rotation	1	4.50	1 pce
999-002	120-125	Flybar, 5mm	1	10.00	1 pce
200-210	120-210	Washout Hub-Metal	1	See 200-210	
200-210	120-211	Wash out Hub bushing	1	See 200-210	
300-011	120-213	Washout Arm Molded	2	8.00	2 pcs
300-011	120-214A	Washout Link	2	3.00	2 pcs
200-218	120-218	Swash-Plate Inner Ring	1	See 200-218	
200-218	120-220	Swash-Plate Outer Ring	1	See 200-218	
300-016	130-050	Paddles SAB 3D 5mm	1	48.50	1 pair
300-015	130-105	105mm Tail Blades SAB	1	32.50	1 pair
300-003	200-110	Clutch Bell Assembly	1	40.00	1 set
300-015	200-115	Tail Gearbox Assembly	1	136.50	1 set
300-012	200-120	Main Rotorhead T-Block Assembly	1	98.50	1 set
300-004	200-148	Main Gear Hub Assembly w/BRG	1	36.00	1 set
300-004	200-149	Main Gear Hub End Cap Assembly w/BRG	1	24.50	1 set
300-003	200-160	Inline Clutch Assembly	1	42.50	1 set
300-011	200-210	Washout Hub Assmebly	1	27.50	1 set
999-002	200-216	Torque tube assembly	1	44.50	1 set
300-011	200-218	Swashplate Assembly	1	94.50	1 set

999-300	999-101	User's manual	1	n/a	1 pce
999-300	999-102	Decal	1	8.50	1 pce

