

# SKIPSTICK III - PARTS LIST

## for Level 3 Certification

Qty	Description	Supplier	Supplier Part Number
1	M1315W Motor Re-load	Aerotech	
1	Motor hardware - Roush-tech	Giant leap	
1	FG 5" Diameter 5:1 Ogive Nosecone	Performance Rocketry	
1	G10 FG 5" Nosecone Bulkhead	Performance Rocketry	
1	G10 FG 5"x 46" long Airframe	Performance Rocketry	
1	G10 FG 5"x 2" long Airframe	Performance Rocketry	
1	G10 FG 5"x 21" long Airframe	Performance Rocketry	
1	G10 FG 5"x 26" long Airframe	Performance Rocketry	
2	G10 FG 5" 1/8" thick Airframe Bulkhead	Performance Rocketry	
2	G10 FG 5" 1/8" thick Coupler Bulkhead	Performance Rocketry	
3	G10 FG 3/16" thick Beveled Fins	Performance Rocketry	
3	G10 FG 5" 1/8" thick Centering Rings	Performance Rocketry	
1	G10 FG 98mm x 24" long Motor Mount	Performance Rocketry	
1	G10 FG 5" x 7" long Coupler Tube	Performance Rocketry	
1	G10 FG 5" x 12" long Coupler Tube	Performance Rocketry	
1	Carbon Fiber Cloth, 5.9 oz F328 50" 2 x 2 Twill	plasticareinc.com	
1	Fiberglass Cloth, 2 oz 112 38" plain weave	plasticareinc.com	
1	West System Epoxy Resin #105	plasticareinc.com	
1	West System Hardener #205	plasticareinc.com	
1	Fileting Filler	plasticareinc.com	
AR	Epoxy, JB Weld	Lowes	
AR	Epoxy 5-minute	Hobbytown	
AR	Cynocrylate, Medium	Hobbytown	
3	Rail Buttons LDB-B Series 1500	RailButtons.com	LDB-B Series 1500
3	Screw, 1/4-20 x 1" long panhead	stock	
3	Nutsert, 1/4-20	McMaster-Carr	
6	4-40 x 3/8 Nylon cap screws (shear pins)	McMaster-Carr	
12	6-32 x 38 pan head screws (airframe couplers)	stock	
10	8-32 x 1/2 pan head screws (nose cone bulkhead)	stock	
12	8-32 x 1/2 cap screws (Motor Retainer)	Aero-pack	
1	RA-98 Motor Retainer	Aero-pack	
2	A7598 Motor Adaptor	Aero-pack	
1	Eyebolt, Forged, 3/8-16 x 1-1/4	McMaster-Carr	3014T253
1	3/8-16 hex nut (jam nut for eye bolt)	stock	
3	Wire Rope Clip, 1/4" cable for U-bolt.with 2 ea 5/16 nuts	Lowes	
10	5/16-18 Nylock Nut	Lowes	
2	5/16-18 x 13" long All-Thread Rod	Lowes	
4	5/16-18 hex nut	Lowes	
2	Standoff, threaded, 5-16-18 x 1" long	Lowes	
2	Turn-Buckle, 5'16-18 (Modified, eye bolts removed)	Lowes	
2	Aluminum sheet, 1/6" thick, 4.5" x 5"	stock	

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12	6-32 x 38 pan head screws (sled)	stock	
12	Washer, #6 (sled)	Lowes	
1	G10 FG 1/32" thick x 3" x 3" (sled insulator)	Hobbytown	
2	Battery Mount, 9V	Missileworks.com	
2	Battery, 9V Alkaline	Lowes	
4	6-32 x 38 flat head screws (airframe couplers)	stock	
2	6-32 x 1-1/4 cap head screws (battery hold down)	stock	
1	washer, 1-1/4" OD (drilled for battery hold down clamp)	stock	
2	Terminal Block, Euro-style	Radio Shack	
2	4-40 x 1/2" cap screw (for term blk)	stock	
4	CPVC 1/2" pipe caps (Charge Cylinders)	Lowes	
4	CPVC 1/2" x 2-1/2" long pipe (Charge cylinders)	Lowes	
4	6-32 x 38 flat head screws (charge cylinders)	stock	
AR	18 AWG wire	Radio Shack	
AR	solder	stock	
4	e-matches	Giant leap	
1	Latex glove (uses fingers for BP canisters)	plasticareinc.com	
AR	FFFF Black Powder	Giant leap	
1	RRC2X Rocket Controller/Altimeter	Missileworks.com	
1	RRC2-mini Rocket Controller/Altimeter	Missileworks.com	
1	**** GPS/TX tracking module (Modified)	Garmin.com	
4	Keyed switch lock	Digikey	
4	Flags "Remove Before Flight"		
AR	Tape, Aluminum 2" wide (Avbay shielding)	Lowes	
1	switch, momentary contact (GPS/TX)	JB Saunders	
5	cable assy, 20 awg	Hobbytown	
1	Jack, DC power (GPS charging)	Radio Shack	
5	Quick-link 1/4 rope, 880 lb	McMaster-Carr	8947T16
1	Parachute, Main 86"	Rocketrage	
1	Parachute, Drogue 24"	Public Missiles	
3	Kevlar Blanket	Giant leap	
2	Kevlar Shock Cords, 1/2" x 40 feet	Giant leap	
AR	Grease (Vaseline)	stock	
AR	cable-ties	stock	
AR	tape, Vinyl 3/4"	stock	