

Autopilot wishlist for

Have Qty	Need Qty	Unit Price	Price	Component
0	1		89.9	89.9 GS407 U-Blox5
0	1		19.5	19.5 uBlox Adapter
0	2		57.2	114.4 ArduPilot Mega IMU
1	2		59.95	59.95 ArduPilot Mega
0	1		99.9	99.9 ArduIMU+ V2 (Flat)
0	1		57.2	57.2 ArduStation
0	2		10	20 XBee Adapter kit -
1	2		42.95	42.95 XBee Pro 900 Wire
1	2		71.95	71.95 XBee Pro 900
0	2		24.95	49.9 XstreamBee Board
0	1		24.95	24.95 XBee Explorer USB
1	2		7.95	7.95 900MHz Duck
0	1		17.95	17.95 FTDI Cable 3.3V
0	2		19.95	39.9 MPXV7002DP
1	2		99.9	99.9 Infrared XYZ
0	2		49.95	99.9 HMC5843
0	2		14.95	29.9 Infrared Proximity
1	2	27.95	27.95	27.95 Ultrasound
	1		1.12	1.12
Section total:			974.05	
Airframe				
0	2		101.99	203.98 ICE 75A ESC
0	2		69.99	139.98 Hacker A30-10XL
0	1		550	550 Futaba 10C
0	8			???
0	6			14x6 Pusher
Section total:				
Cables, connectors,				
0	8		1.99	15.92 3x8 Right Angle Pin
0	2		1.95	3.9 EM-406/uBlox/MTK
0	2		2.25	4.5 EM-406/uBlox/MTK
0	2		5.95	11.9 Pitot Tube- Static
0	6		2.25	13.5 Conn Header Male
0	4		1.5	6 Break Away Female
	4		3.95	15.8 Jumper Wires
0	1		1.75	1.75 FTDI GPS Adapter
0	2		1.25	2.5 Servo Extensions
0	8		1.25	10 Servo Extensions
0	2		2.5	5 Connector Header
0	2		1.4	2.8 Connector Header
0	2		1.5	3 Connector Header
0	2		0.99	1.98 Connector Header
0	2		1.2	2.4 Conn Header
0	2		1.6	3.2 Connector Header
0	6		1.95	11.7 Logic Level
0	2		1.95	3.9 Voltage Regulator -
0	2		1.25	2.5 Voltage Regulator -
0	2		3.5	7 ArduPilot Shield IR
0	2		4.95	9.9 Analog/Digital MUX
0	2		1.95	3.9 Relay SPDT Sealed

Section total: 143.05

Additional tools we

	1	149.95	149.95 USB Logic Analyzer
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6	118	2162.13	
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Description	Link	Additional
Onboard GPS, uBlox5 adapter for	http://store.diydrone	
ArduPilot Mega	http://store.diydrone	
Onboard Autopilot	http://www.sparkfun.	
Onboard IMU for	http://store.diydrone	
Ground station	http://store.diydrone	
XBee adapter board	http://www.adafruit.c	
Onboard Zigbee	http://www.sparkfun.	
Ground Zigbee	http://www.sparkfun.	
XBee adapter for	http://store.diydrone	
XBee to USB	http://www.sparkfun.	
Ground Zigbee	http://www.sparkfun.	
Cable for	http://store.diydrone	
Differential Pressure	http://store.diydrone	
Aircraft orientation	http://store.diydrone	
Triple Axis	http://www.sparkfun.	
Sharp	http://www.sparkfun.	
up to 25ft	It is in the autopilot	
BNC to RCA	http://www.monopric	
New speed	http://www3.towerho	
Internal Brushless	http://www.rctoys.co	
10 channel	https://www.toysonic	
Batteries for Mentor		
Propellers	http://www.rctoys.co	
For ArduPilot	http://store.diydrone	
GPS to ArduPilot	http://store.diydrone	
GPS to ArduPilot	http://store.diydrone	
For airspeed	http://store.diydrone	
For ArduPilot	http://store.diydrone	
	http://www.sparkfun.	
	http://www.sparkfun.	
GPS programming	http://store.diydrone	
For connecting	http://store.diydrone	
Connecting servos	http://store.diydrone	
Backup in case	http://store.diydrone	
Backup in case	http://store.diydrone	
Backup in case	http://store.diydrone	
Backup in case	http://store.diydrone	
Backup in case	http://store.diydrone	
Backup in case	http://store.diydrone	
Conversion between	http://www.sparkfun.	
	http://www.sparkfun.	
	http://www.sparkfun.	
We might already	http://store.diydrone	
	http://www.sparkfun.	
	http://www.sparkfun.	

<http://www.sparkfun.com>



































































































