

| Purchased Item | Primary Vendor | Manufacturer |
|--|----------------|--------------|
| DRONE ONLY | | |
| 22Ah 6S LiPo Battery | Aliexpress | Tattu |
| Flight Controller (Pixhawk 6C) | HolyBro | HolyBro |
| 10pcs 150mm DuPont extension wires | Aliexpress | Any |
| Pixhawk Wiring Kit | HolyBro | HolyBro |
| 6-pin Molex PicoBlade to 6-pin JST-GH wire | 3DR | 3DR |
| XING 4214 660KV Motor | iFlight | iFlight |
| 6-channel RC receiver | Any | Any |
| Power Distribution Module (Sky-Drones SmartAP PDB) | Sky-Drones | Sky-Drones |
| Electronic Speed Controller (150A) | Amazon | Flycolor |
| RC Controller (must be compatible w/ receiver) | Any | Any |
| Wiring kit (12AWG, 60ft) | Amazon | NAOEVO |
| LiPo Battery Charging Kit | Amazon | SmartCharger |
| Octagonal Carbon Fiber Tubing (500mm, 4pk) | Amazon | ZSJ |
| 3D Printing Filament (ABS) | Amazon | Any |
| 3D Printing Filament (PLA) | Amazon | Any |
| 3D Printing Filament (TPU 95A) | Amazon | Any |
| XT90 Connectors (10pk) | Amazon | Amass |
| Propellers (16", tri-blade) | HQProp | HQProp |
| Extreme Fasteners | Home Depot | Scotch |
| M6 locking nut | Home Depot | Any |
| Birch markerboard (4ft x 4ft x 1/4in) | Home Depot | Any |
| Fiberglass cloth (8 sq ft) | Home Depot | Any |
| Fiberglass resin (1gal) | Home Depot | Any |
| Socket cap screw M6x100mm 4pk | Home Depot | Any |
| Socket cap screw M4x20mm 4pk | Home Depot | Any |
| Socket cap screw M4x60mm 3pk | Home Depot | Any |
| Socket cap screw M3x50mm 4pk | Home Depot | Any |
| Socket cap screw M3x10mm 3pk | Home Depot | Any |
| Socket cap screw 1/4x7 in | Home Depot | Any |
| M6 Nut 4pk | Home Depot | Any |
| M4 Nut 4pk | Home Depot | Any |
| M3 Nut 4pk | Home Depot | Any |
| 1/4 Nut | Home Depot | Any |
| 12 -10 AWG 0.25 in. Tab Male Fully-Insulated Disconnect (10pk) | Home Depot | Any |
| 12 -10 AWG 0.25 in. Tab Female Fully-Insulated Disconnect (10pk) | Home Depot | Any |
| REGULAR PAYLOADS | | |
| GoPro Hero 4K | GoPro | GoPro |
| MG995 Servo Motor 4pk | Amazon | Any |

| | | |
|-----------------------------|------------|---------------|
| Magswitch MagJig Magnet | Amazon | Magswitch |
| 3D Printing Filament (PLA) | Amazon | Any |
| 3D Printing Filament (PETG) | Amazon | Any |
| 5lb dumbbell | Amazon | Any |
| 2-4S 20A Brushless ESC | Aliexpress | Surpass Hobby |
| RC controller/receiver | Aliexpress | HotRC |
| 1050mAh LiPo battery | Amazon | Tattu |
| TOTAL OVERALL COST: | | |

Percent Purchased:

100.00%

| Manufactured Item | Vendor | Manufacturing Method |
|---|----------|------------------------|
| DRONE ONLY | | |
| Outer Arm Mount (TPU) | In-House | 3D FDM Printing |
| Motor Mount (TPU & ABS) | In-House | 3D FDM Printing |
| Drone Legs (TPU) | In-House | 3D FDM Printing |
| Body Plates (Fiberglass on birch) | In-House | Jigsaw cutting, layups |
| Battery Holder | In-House | 3D FDM Printing |
| REGULAR PAYLOADS | | |
| Magswitch Turning knob (PLA) | In-House | 3D FDM Printing |
| Magswitch/servo Attachment Plate (PETG) | In-House | 3D FDM Printing |
| GoPro Payload (PETG) | In-House | 3D FDM Printing |
| Weight Payload (PLA) | In-House | 3D FDM Printing |
| Payload Magnetic Plates | In-House | Saw and Drill |
| TOTAL OVERALL COST: | | |

| | | |
|--|------------|---|
| 22Ah 6S LiPo Battery | Tattu | 2 |
| Flight Controller (Pixhawk 6C) | HolyBro | 1 |
| GPS/Compass (M10, included w/ FC) | HolyBro | 1 |
| Pixhawk Wiring Kit | HolyBro | 1 |
| 6-pin Molex PicoBlade to 6-pin JST-GH wire | 3DR | 1 |
| XING 4214 660KV Motor | iFlight | 4 |
| 6-channel RC receiver | iFly | 1 |
| Power Distribution Module (Sky-Drones SmartAP PDB) | Sky-Drones | 1 |

| | | |
|------------------------------------|-----------|---|
| Electronic Speed Controller (150A) | Flycolor | 4 |
| RC Controller | iFly | 1 |
| GoPro/similar camera | GoPro | 1 |
| MG995 Servo Motor 4pk | TowerPro | 1 |
| Magswitch MagJig Magnet | Magswitch | 2 |

| Lead Time | Qty | Unit Cost | Total Cost | Part Status | Weight (g) |
|--------------------|-----|--------------------|--------------------|-------------|-------------|
| | | Total Cost: | \$ 2,276.37 | | 4677 |
| 2 weeks | 2 | \$ 240.00 | \$ 480.00 | Installed | 2460 |
| 7-10 business days | 1 | \$ 231.46 | \$ 231.46 | Installed | 34.6 |
| 2 weeks | 1 | \$ 5.29 | \$ 5.29 | Installed | |
| 7-10 business days | 1 | \$ 35.00 | \$ 35.00 | Installed | |
| 7-10 business days | 1 | \$ 8.76 | \$ 8.76 | Installed | |
| 2 weeks | 4 | \$ 62.75 | \$ 251.00 | Installed | 1080.4 |
| 7-10 business days | 1 | \$ 35.00 | \$ 35.00 | Installed | |
| 7-10 business days | 1 | \$ 90.00 | \$ 90.00 | Installed | 40 |
| 7-10 business days | 4 | \$ 119.00 | \$ 476.00 | Installed | 572 |
| 7-10 business days | 1 | \$ 50.00 | \$ 50.00 | Installed | |
| 3 business days | 1 | \$ 25.00 | \$ 25.00 | In use | 50 |
| 3 business days | 1 | \$ 52.00 | \$ 52.00 | In use | |
| 2 weeks | 2 | \$ 25.00 | \$ 50.00 | Installed | 40 |
| 3 business days | 2 | \$ 20.00 | \$ 40.00 | In use | |
| 3 business days | 1 | \$ 24.00 | \$ 24.00 | In use | |
| 3 business days | 1 | \$ 26.19 | \$ 26.19 | In use | 400 |
| 3 business days | 1 | \$ 14.17 | \$ 14.17 | Installed | |
| 7-10 business days | 4 | \$ 35.68 | \$ 142.72 | Installed | |
| 0 days | 2 | \$ 13.03 | \$ 26.06 | Installed | |
| 0 days | 8 | \$ 0.68 | \$ 5.44 | Installed | |
| 0 days | 2 | \$ 15.98 | \$ 31.96 | Installed | |
| 0 days | 4 | \$ 8.28 | \$ 33.12 | Installed | |
| 0 days | 1 | \$ 59.98 | \$ 59.98 | In use | |
| 0 days | 5 | \$ 3.25 | \$ 16.25 | Installed | |
| 0 days | 2 | \$ 3.25 | \$ 6.50 | Installed | |
| 0 days | 2 | \$ 3.25 | \$ 6.50 | Installed | |
| 0 days | 4 | \$ 3.25 | \$ 13.00 | Installed | |
| 0 days | 1 | \$ 2.25 | \$ 2.25 | Installed | |
| 0 days | 1 | \$ 1.99 | \$ 1.99 | Installed | |
| 0 days | 5 | \$ 1.25 | \$ 6.25 | Installed | |
| 0 days | 4 | \$ 1.25 | \$ 5.00 | Installed | |
| 0 days | 5 | \$ 1.25 | \$ 6.25 | Installed | |
| 0 days | 1 | \$ 0.75 | \$ 0.75 | Installed | |
| 0 days | 2 | \$ 4.62 | \$ 9.24 | Installed | |
| 0 days | 2 | \$ 4.62 | \$ 9.24 | Installed | |
| | | Total Cost: | \$ 443.11 | | |
| 7-10 business days | 1 | \$ 220.00 | \$ 220.00 | Installed | |
| 7-10 business days | 1 | \$ 16.99 | \$ 16.99 | Installed | |

270.1

143

100

| | | | | | |
|-----------------|---|----------|--------------------|-----------|--|
| 3 business days | 2 | \$ 26.73 | \$ 53.46 | Installed | |
| 3 business days | 2 | \$ 19.64 | \$ 39.28 | In use | |
| 3 business days | 1 | \$ 19.64 | \$ 19.64 | Installed | |
| 3 business days | 1 | \$ 18.95 | \$ 18.95 | Installed | |
| 2 weeks | 1 | \$ 25.10 | \$ 25.10 | Installed | |
| 2 weeks | 1 | \$ 20.44 | \$ 20.44 | Installed | |
| 3 business days | 1 | \$ 29.25 | \$ 29.25 | Installed | |
| | | | \$ 2,719.48 | | |

| Lead Time | Qty | Unit Cost | Total Cost | Part Status | Deadline | Printer |
|-----------|-----|--------------------|-------------|-------------|-----------|--------------|
| | | Total Cost: | \$ - | | | |
| 4 hours | 8 | \$ - | \$ - | Installed | 2/2/2025 | Qudi Tech |
| 2 hours | 4 | \$ - | \$ - | Installed | 2/3/2025 | Qudi Tech |
| 4 hours | 4 | \$ - | \$ - | Installed | 2/4/2025 | Qudi Tech |
| 10 hours | 2 | \$ - | \$ - | Installed | 3/7/2025 | - |
| 4 hours | 1 | \$ - | \$ - | Installed | 3/28/2025 | Bambu Lab A1 |
| | | Total Cost: | \$ - | | | |
| 1 hour | 2 | \$ - | \$ - | Installed | 2/25/2025 | Bambu Lab A1 |
| 16 hours | 1 | \$ - | \$ - | Installed | 2/4/2025 | Bambu Lab A1 |
| 8 hours | 1 | \$ - | \$ - | Installed | 3/7/2025 | Bambu Lab A1 |
| 22 hours | 1 | \$ - | \$ - | Installed | 3/7/2025 | Bambu Lab A1 |
| 3 hours | 2 | \$ - | \$ - | Installed | 4/18/2025 | - |
| | | | \$ - | | | |

| Member Responsible | Manufacturing Location |
|--------------------|------------------------|
| | |
| Jeremy | Personal Residence |
| Jeremy | Personal Residence |
| Connor | Personal Residence |
| Jeremy/Andre | Personal Residence |
| Andre | Personal Residence |
| | |
| Michael | Personal Residence |
| Michael | Personal Residence |
| Michael | Personal Residence |
| Michael | Personal Residence |
| Dylan | Machine Shop |
| | |