

Build the **SkyEye** mini

BILL OF MATERIALS

| Item | Quantity | Description | Available |
|------|----------|-----------------------------------------------------------------|-----------------------|
| 1. | 4 | 1/4" diameter round hardwood dowel, 36" long | Hobby store |
| 2. | 2 | 3/16" diameter round hardwood dowel, 36" long | Hobby store |
| 3. | 1 | 7/16" diameter round hardwood dowel, 36" long | Home Depot |
| 4. | 4 | 1/8" x 4" x 36" balsa sheet | Hobby store |
| 5. | 2 | 1/8" thick, 6" x 24" light plywood sheet | Hobby store |
| 6. | 1 | 1/4" thick 2" x 12" oak block | Home Depot |
| 7. | 1 | 1/4" thick 3" x 36" balsa sheet | Hobby store |
| 8. | 1 | Small sheet of galvanized steel, 1/32" thick, 1 3/8 inch square | Hobby store |
| 9. | 1 | 12" x 1/16" diameter steel rod (servo pushrods) | Hobby store |
| 10. | 2 pkg. | Control horns, (for 1/16 servo pushrods) Du-Bro #237 | Hobby store |
| 11. | 1 | 1/8 diameter steel rod, 36" long (for landing gear) | Hobby store |
| 13. | 4 | #10-32 nylon bolt, 1" long (for wing mounting) | Hobby store |
| 14. | 1 | Polaroid Cube Action Camera (shoots 1080p) | swimoutlet.com |
| 15. | 1 | 9 x 6 propeller (electrics only) | Horizon Hobby |
| 16. | 1 | 3-channel radio (minimum), with Feather Light receiver | Horizon Hobby |
| 17. | 2 | Hitec HS55 servos | Horizon Hobby |
| 18. | 1 | E-flite 40-amp speed controller (for brushless motor) | Horizon Hobby |
| 19. | 1 | E-flite 480 brushless outrunner motor, 1,020 Kv | Horizon Hobby |
| 20. | 1 | ParkZone 1,300 mAh 11.1-volt LiPo #PKZ1033 | Horizon Hobby |
| 21. | 1 pkg. | Small nylon hinges Du-Bro cat. No. 119 | Horizon Hobby |
| 22. | 1 set | Control horns, nylon large Du-Bro #105 | Horizon Hobby |
| 23. | 1 | #2-56 steel threaded rod, 12" long | Hobby store |
| 24. | 1 pkg. | Du-Bro 1/8" plated brass wheel collar | Hobby store |
| 25. | 1 pkg. | Du-Bro #2-56 ball joints Item# 860 | Hobby store or Du-Bro |
| 26. | 1 roll | Hangar 9 UltraCote covering (I used transparent red, lite) | Hobby store |
| 27. | 12 | Small nylon ties | Home Depot |
| 30. | 2 pkg. | #2-56 blind nuts item #133 (for attaching struts at wing) | Hobby store or Du-Bro |
| 31. | 2 | Servo extender wires, (6" extension required) | Hobby store |
| 32. | 1 set | Battery connectors of your choice, male and female | Hobby store |