

M30 Maintenance Inspection List

Maintenance Date	Maintenance Technician		Result	Log	
Maintenance Inspection Task			Result	Log	
Aircraft	General Structure	Aircraft Body	<input type="checkbox"/> Airframe Top & lower Shell <input type="checkbox"/> Sensor Lens and Protection net <input type="checkbox"/> USB-C and SD Card Slot	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Aircraft Arm	<input type="checkbox"/> Arm shaft <input type="checkbox"/> Carbon tube / motor base <input type="checkbox"/> Arm Light	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Arm Lock	<input type="checkbox"/> Arm Lock structure <input type="checkbox"/> External cable	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Landing Gear Structure	<input type="checkbox"/> Antenna Base <input type="checkbox"/> Landing gear base	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Battery compartment	<input type="checkbox"/> Surrounding structure and battery lock <input type="checkbox"/> Battery connect pin	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Functional Module	Signal Transmission System	<input type="checkbox"/> Re-link aircraft and remote controller <input type="checkbox"/> Clean image feed	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Navigation System	<input type="checkbox"/> Compass calibration <input type="checkbox"/> RTK function	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Visual Sensor system	<input type="checkbox"/> Vision sensor calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		IMU Module	<input type="checkbox"/> IMU Calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		FPV Module	<input type="checkbox"/> FPV image feed	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Radiating system	<input type="checkbox"/> Fan working noise	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Propulsion System	Avionic	<input type="checkbox"/> No error detected through app	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Propeller	<input type="checkbox"/> Propeller structure <input type="checkbox"/> Propeller mounting screws and O-ring	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Motor	<input type="checkbox"/> Motor structure <input type="checkbox"/> Motor idle status	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
Gimbal	General Structure	<input type="checkbox"/> Gimbal Structure (Including Gimbal Fail Safe Cable) <input type="checkbox"/> Camera lens & filter	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Gimbal Arm module	<input type="checkbox"/> Gimbal calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Gimbal Function	<input type="checkbox"/> Photo/Video quality <input type="checkbox"/> Thermal Image detail <input type="checkbox"/> Camera focus	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
Battery	General Structure	<input type="checkbox"/> Battery structure <input type="checkbox"/> Battery connector pin <input type="checkbox"/> Battery button and LED	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Battery Function	<input type="checkbox"/> Battery cycle-times <input type="checkbox"/> Battery cell voltage difference <input type="checkbox"/> Battery fully charge and discharge (with flight test)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
Remote controller	General Structure	<input type="checkbox"/> Remote controller structure <input type="checkbox"/> Rubber pad condition <input type="checkbox"/> Antenna structure <input type="checkbox"/> USB port	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Controller Stick	<input type="checkbox"/> Joystick calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Functional Module	<input type="checkbox"/> button function <input type="checkbox"/> Dial function	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		