






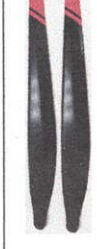







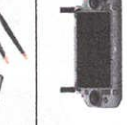



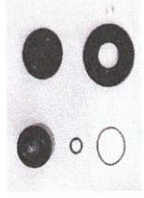















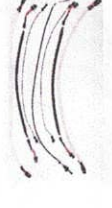




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Module	Component	Maintenance Level	Recommended Inspection Time (Flight Duration)	Recommended Replacement Interval (Flight Duration)	Maintenance Frequency	Illustration	Item	Inspection Plan			Professional Cleaning Method/Tool Required?	Post-Repair Tests
								Dealers		Users		
								Device showing no apparent cosmetic damage or malfunction (describe focused details and professional cleaning method)	Drone crash issue (Optional)			
Spraying System	Hose	Simple Maintenance	Replace every 700 operating hours	700 h	Daily/Monthly/Annual Maintenance		Check if the aircraft arm hose is worn or broken.	Visual inspection and physical examination		After completing the daily operations, fill a container with clean water, then add an appropriate amount of detergent to begin spraying and cleaning the spraying system.	Any detergent	Visual inspection to confirm that the device is clean.
Spraying System	Spray Tank	Simple Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		Daily cleaning	Use clean water to clean the spray tank and turn on the delivery pump to flush the hose.		After completing the daily operations, fill a container with clean water, then add an appropriate amount of detergent to begin spraying and cleaning the spraying system.	Any detergent	Visual inspection to confirm that the device is clean.
Spraying System	Hose Connector	Simple Maintenance	Replaces every 700 operating hours	700 h	Daily/Monthly/Annual Maintenance		Check the hose connector of the spray tank in the diagram for sealing. Poor sealing of the hose will cause air to enter the hose.	Physically check for any loose connections at multiple hose them for cracks. If any damage is found, replace them immediately to avoid potential malfunctions such as air intake issues.		Same as the inspection plan for dealers.	Not involved	Visual inspection to confirm that the device is not water leakage.
Propulsion System	Motor	Simple Maintenance	1. After 100 flights, the new aircraft should undergo its first inspection; 2. Every 100 hours or one month; 3. If a motor stalled or motor/ESC temperature error warning is displayed, perform this check.	700 h	Monthly/Annual Maintenance		Check whether the motor rotor and stator are loose.	Check whether the motor rotor and stator are loose.		Unfold the propellers and grip the left and right blade tips with your left and right hands, respectively. Then move them up and down to check for any signs of motor rotor looseness.	Not involved	Same as the inspection plan.
Propulsion System	Motor	Simple Maintenance	1. After 100 flights, the new aircraft should undergo its first inspection; 2. Every 100 hours or one month; 3. If there is an ESC auto-check error, perform this check.	700 h	Monthly/Annual Maintenance		1. Check if the motor internal resistance is normal. 2. Check if the motor cable is broken and if the cable connector is cracked.	1. Check if the motor internal resistance is normal. 2. Check if the motor cable is broken and if the cable connector is cracked.		Same as the inspection plan for dealers.	Multimeter	Same as the inspection plan.
Propulsion System	Propeller Adapter	Simple Maintenance	Before operation every day	700 h	Daily/Monthly/Annual Maintenance		Check whether the propeller adaptor is damaged.	Check whether the propeller adaptor is damaged.		Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Propulsion System	ESC	Simple Maintenance	6 months	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.		Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Propulsion System	Propellers	Simple Maintenance	1. After 100 flights, the new aircraft should undergo its first inspection; 2. Every 100 hours or one month;	700 h	Monthly/Annual Maintenance		1. Check if the propeller is mismatched or broken. 2. Check if the propeller is loose.	1. Check if the propeller is mismatched or broken. 2. Check if the propeller is loose.		Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.

Propulsion System	Propeller Gasket	Simple Maintenance	1. After 100 flights, the new aircraft should undergo its first inspection; 2. Every 50 hours or half a month;	300 h	Daily/Monthly/Annual Maintenance		1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Examine and remove any pesticide and fertilizer residues left on the motor, avoiding high-pressure water guns and instead using a wiping method for cleanup.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Propulsion System	Motor & Propellers	Simple Maintenance	1. After the operation or before long-term storage	700 h	Daily/Monthly/Annual Maintenance		Motor & propellers maintenance	Motor & propellers maintenance	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps. Use a socket wrench to tighten the hexagonal anti-loosening nut (torque: 20.0 kgf*cm). Ensure the tightening force is adequate. If it is too weak, it is advisable to replace the anti-loosening nut.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Propulsion System	Aircraft Arm Screw Bolt and Nut	Complex Maintenance	inspect during the repair	700 h	Monthly/Annual Maintenance		Each aircraft arm comes with one bolt at the root (four in total). Inspect the aircraft arm for any gaps or looseness when folding it.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Aircraft Arm Connector	Complex Maintenance	inspect during the repair	700 h	Monthly/Annual Maintenance		Check if the aircraft arm connector of the M12/3/4 aircraft arm is mismatched or cracked.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Battery Slider	Simple Maintenance	Replace after 2000 insertions or inspect after one month	700 h	Monthly/Annual Maintenance		Check if the slider is worn or stuck.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Aircraft Arm Fixing Piece Screw	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		There are a total of 4 aircraft arm fixing pieces on the aircraft, with a total of 10 screws. 1. Check if the screw is loose. 2. Check if the screw is broken.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Landing Gear Structural Part	Landing Gear Fixing Screw	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		The landing gear has a total of 10 screws on each side. 1. Check if the screw is loose. 2. Check if the screw is broken.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.
Remote Controller	Remote Controller	Simple Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		Check the appearance of the remote controller.	1. Check if the propeller gasket is worn. 2. Check if the propeller is loose.	Motor & propellers maintenance	Motor & propellers maintenance	Unlock the aircraft arm lever, slowly fold the aircraft arm back and forth by hand, and take note of the degree of movement at the folding point and check for any signs of looseness or excessive gaps.	Same as the inspection plan.	Not involved	Same as the inspection plan.

Battery	Standard Provided Battery	Complex Maintenance	Every 700 operating hours/1500 battery cycle counts	700 h	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the battery is swollen, misshapen, bent, or if the deformation exceeds 2 mm. It is not recommended to use misshapen. 2. Clean the battery terminals. 3. Fully charge and discharge the battery at least once every three months to keep it in good working condition. 	<ol style="list-style-type: none"> 1. Check if the battery is swollen, bent, or misshapen by more than 2 mm. It is not recommended to use if the deformation exceeds 2 mm. 2. Dip a cotton swab in alcohol with a concentration of 95% or higher, and use it to carefully clean the exterior of the battery terminals. 3. Fully charge and discharge the battery at least once every three months to keep it in good working condition. The aircraft controller normally. 	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
Charger	Charger	Simple Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check for any bumps or dents. 2. Check if the battery terminals are dirty. 3. Clean the fan. 	<ol style="list-style-type: none"> 1. Visually check if the charger is dirty. 2. Dip a cotton swab in alcohol with a concentration of 95% or higher, and use it to carefully clean the exterior of the battery terminals. 3. Remove the 4860 module and clean the fan. 	Not involved	Same as the inspection plan.
Spraying System	Delivery Pump	Complex Maintenance	Replace the pump cover, impeller pump, and isolation sleeve every 500 operating hours; Replace the motor every 700 operating hours	500 h - Pump Cover, Impeller Pump, and Isolation Sleeve; 700 h - Motor	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Remove the pump cover, impeller pump, and isolation sleeve to check if there are any phenomena such as broken shaft, wear, or meshing. 2. Check if the pump motor port is corroded. 	<ol style="list-style-type: none"> 1. Use a wrench to unscrew the elbow of the delivery pump hose, then pull out the hose. After that, unscrew the threaded sleeve and remove the delivery pump from the mounting bracket. Rotate the pump shell positioning cable to align with the arrow mark and take off the pump shell. Next, separate the impeller from the isolation sleeve, and visually inspect for any signs of wear, a broken shaft, or meshing. Following these steps, it is necessary to replace the sealing ring. 2. Remove the screw of the motor shell of the delivery pump, then disconnect the cable between the shell and the delivery pump. Afterward, check for any signs of corrosion on the port. 	Not involved	Same as the inspection plan.
Spraying System	Centrifugal Sprinkler	Complex Maintenance	Replace every 700 operating hours	500 h - Sprinkler Module 700 h - Motor	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the spinner disk and motor lower cover are worn. 2. Check if there is any corrosion on the centrifugal motor port. 	<ol style="list-style-type: none"> 1. Unscrew the screw at the centrifugal spinner disk, remove the spinner disk, and visually inspect the surface for any signs of wear or abnormalities. 2. Remove the centrifugal motor cable and visually inspect the motor port for corrosion. If there is corrosion, the sealing ring needs to be replaced. 	Not involved	Same as the inspection plan.
Spraying System	Filter & Liquid Level Gauge	Simple Maintenance	Replace every 700 operating hours	700 h	Daily/Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check whether the filter is blocked. 2. Check if the liquid level gauge is dirty. 3. Check if the liquid level gauge connector is loose. 4. Check if the ball sensor of the liquid level gauge is damaged. 	<ol style="list-style-type: none"> 1. First, drain the spray tank. Then, open the top cover and remove the filter. 2. Clean the liquid level gauge at the bottom of the spray tank (unscrew the fixing nut from the outside, then remove the liquid level gauge from the tank). 3. Visually inspect the liquid level gauge at the bottom of the spray tank and see if it is broken. 	Not involved	Same as the inspection plan.
Spraying System	Flowmeter	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Clean and inspect for any signs of corrosion. 	<ol style="list-style-type: none"> 1. Remove the part and inspect it visually. 	Not involved	Same as the inspection plan.

Aircraft Structure Part	Radar Flying Bracket	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		Inspect the radar bracket flying screws as well as the nearby screws, totaling 5 in all. 1. Check if the screw is loose. 2. Check if the screw is broken.	Gently shake the aircraft, pull out the radar, and visually examine for any looseness and displacement. Afterward, use a screwdriver to tighten the high torque screws. Should any screws be loose, it is advisable to replace them and then apply medium-strength thread locking glue. The optimal torque value for tightening is 15.0 lbf*in.	Slightly shake the aircraft and pull out the radar to check if there is any displacement or looseness.	Not involved	Same as the inspection plan.
Radar System	Front/Rear Radar	Complex Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Check whether there is any cosmetic defect, e.g., dents. 2. Clean and check the part for any signs of corrosion. 3. Check if the device can be powered on normally and is functioning.	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
RF Module	RF Module	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	Remove the part and inspect it visually.	Inspection not required	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
Aerial-Electronics System Module	Aerial-Electronics System Module	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	Remove the part and inspect it visually.	Inspection not required	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
Cable Distribution Board Module	Cable Distribution Board Module	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	Remove the part and inspect it visually.	Inspection not required	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
Spraying System Module	Spraying System Module	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	Remove the part and inspect it visually.	Inspection not required	Not involved	Link the remote controller with the aircraft and there is no app warning shown.
Power Distribution Module	Power Distribution Module	Complex Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning.	1. Remove the part and inspect it visually. 2. Dip a cotton swab in alcohol with a concentration of 95% or higher, and use it to carefully clean the exterior of the power distribution board and battery terminals.	Inspection not required	Alcohol with a concentration of 95% or higher	Link the remote controller with the aircraft and there is no app warning shown.
Spraying System	Weight Sensor	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		1. Check if the weight sensors (3 in total, installed on the frame) are torn or the cable is broken. 1. Check the weight sensor is broken or not inserted firmly.	Visual inspection	Visual inspection	Not involved	The spray tank is filled with X, and verify whether the remaining amount of liquid shown in the remote controller app matches the actual amount of water added, allowing for an error of ±1.5%.

Aircraft Structure Part	Aircraft Connector	Complex Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the connector of the power distribution board and cable distribution board is loose or corroded; 2. Check if cables are interfering with each other or excessively bent. 	<ol style="list-style-type: none"> 1. Check if the cables are interfering with each other or excessively bent. If yes, rearrange the cables. If bending is severe, consider replacing the cable. 2. Detach the cable connector and visually inspect for severe bending, corrosion, or blackening. 3. Attach the cable and ensure that it is inserted firmly. 	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Positioning System	SDR Antenna	Complex Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		<ol style="list-style-type: none"> 1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Positioning System	RTX Module	Complex Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		<ol style="list-style-type: none"> 1. Clean and inspect for any signs of corrosion. 2. Check if the device can be powered on normally and is functioning. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Aircraft Cable	Aircraft Cable	Whole Product Maintenance	Replace every 700 operating hours	700 h	Monthly/Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the cable is broken. 2. Check if the cable connector is loose. 3. Check if the sealing ring of the cable connector is attached in place or misaligned. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Front Frame						<ol style="list-style-type: none"> 1. Check if the frame is cracked or broken. 2. Check if the frame is loose. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Rear Frame	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the frame is cracked or broken. 2. Check if the frame is loose. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Aircraft Structure Part	Middle Frame	Whole Product Maintenance	Replace every 700 operating hours	700 h	Annual Maintenance		<ol style="list-style-type: none"> 1. Check if the frame is cracked or broken. 2. Check if the frame is loose. 	Remove the part and inspect it visually.	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.
Software Issue Troubleshooting Plan	App/Flight Control System	/	/	/	/	#NAME?	Check if there are any app warnings and follow the instructions to resolve it.	/	/	Not involved	Same as the inspection plan.
Whole Product	Whole Product	/	Perform a comprehensive maintenance check of the whole product after 700 operating hours.	700 h	Annual Maintenance		The maintenance and inspection should be carried out according to the above-mentioned content.	/	Same as the inspection plan for dealers.	Not involved	Same as the inspection plan.