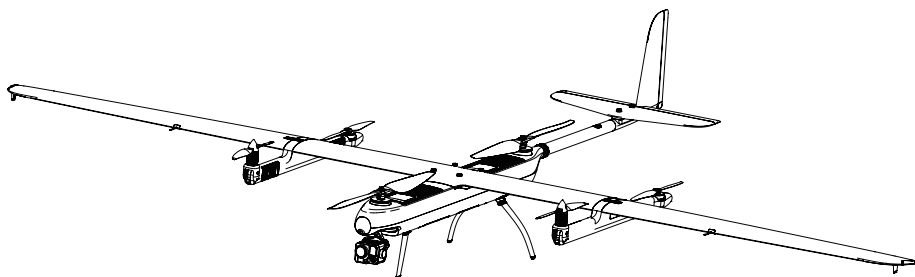


Dragonfish Series

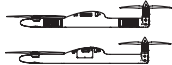
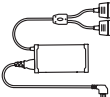
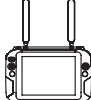
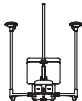
Dragonfish-25 Aircraft

Quick Start Guide



AUTEL
ROBOTICS

Item List

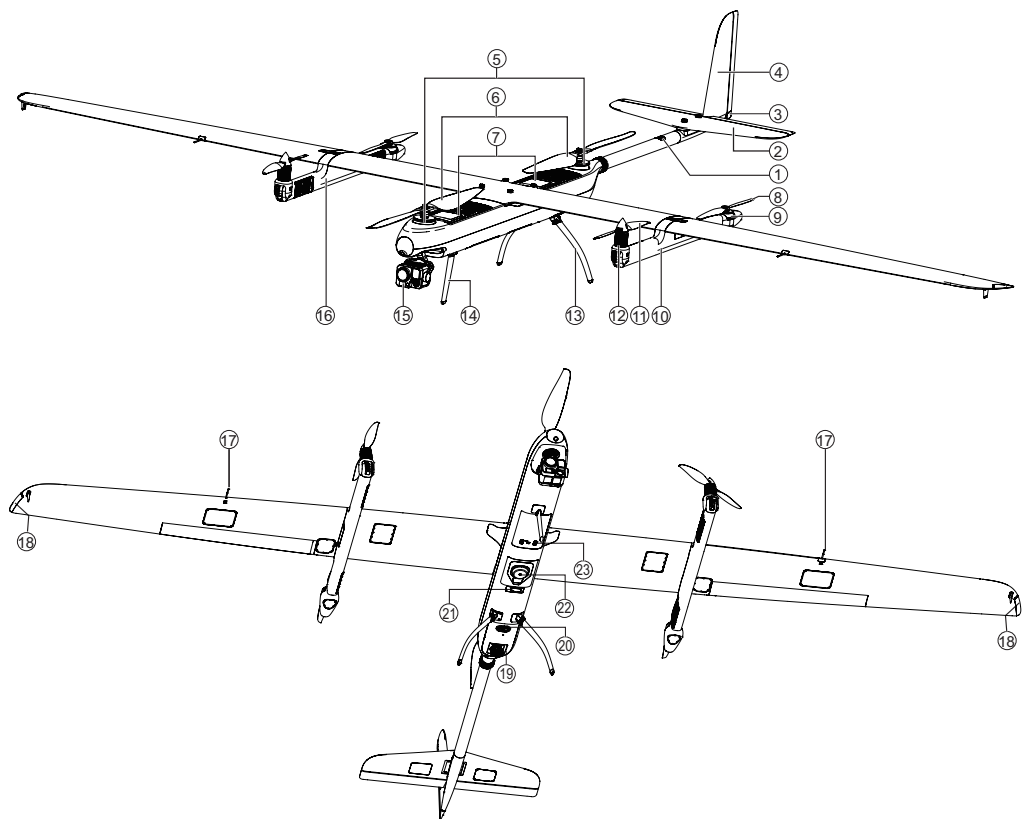
	Aircraft fuselage x 1 pc		Central wing x 1 pc
	Nacelle x 1 pair (Including a pair of tilting propellers and a pair of rear propellers)		Outer wing x 1 pair
	Horizontal tail x 1 pc		Tail boom and vertical tail x 1 pc
	Pitot tube protective sleeve x 2 pcs		Battery charger+AC cable x 1 pc
	Remote controller (9.7 inches) 1 pc		Remote controller charger+AC cable x 1 pc
	Gimbal camera x 1 pc (The model is subject to the actual set purchased)		USB-C cable x 1 pc
	Fuselage propeller x 2 pairs		Tilting propeller on the nacelle x 1 pair
	Rear propeller on the nacelle x 1 pair		Repair tool kit x 1 set
	Smart battery x 4 pcs (The quantity is subject to the actual set purchased)		Remote controller lanyard x 1 pc
	Smart antenna transmission system x 1 set		Tripod x 1 pc
	Documentation x 1 set		

For more instructions, see the Flight Manual.



<https://manuals.autelrobotics.com/?dir=/eVTOL/Dragonfish-25/Simplified%20Chinese/>

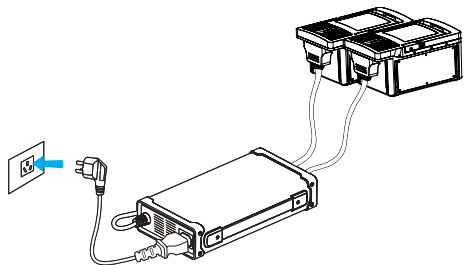
Getting to Know Your Aircraft



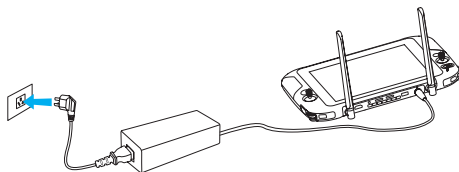
- | | | |
|--|-------------------------------------|--------------------------------|
| 1. Power button | 2. Horizontal tail | 3. Navigation light |
| 4. Vertical tail | 5. Body motor | 6. Fuselage propeller |
| 7. Smart battery | 8. Rear propeller on the nacelle | 9. Rear motor on the nacelle |
| 10. Left nacelle | 11. Tilting propeller | 12. Front motor on the nacelle |
| 13. Rear landing gear | 14. Front landing gear | 15. Gimbal camera |
| 16. Right nacelle | 17. Pitot tube | 18. Navigation light |
| 19. Guidance pod (Optional) | 20. Ultrasonic sensor | 21. Debugging interface |
| 22. C-port interface of PSDK module (Optional) | 23. P-port interface of PSDK module | |

Charging

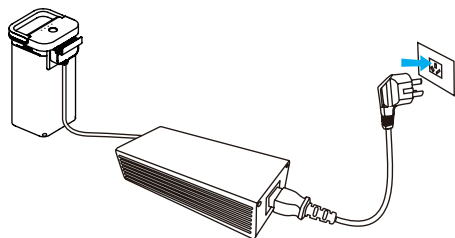
1. Charge the smart battery.



2. Charge the remote controller.

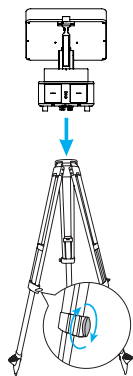


3. Charge the tracking antenna (Battery charging).

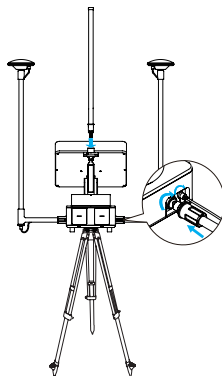


Assembling Tracking Antenna

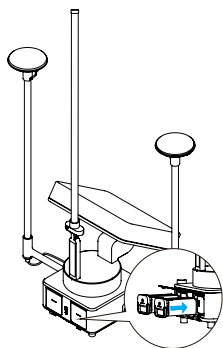
1. Assemble the tracking antenna body and tighten the screws on the tripod.



2. Assemble two RTK antennas (Connect the antenna to the RTK antenna holder with a feeder). Insert the omnidirectional antenna into its bracket.

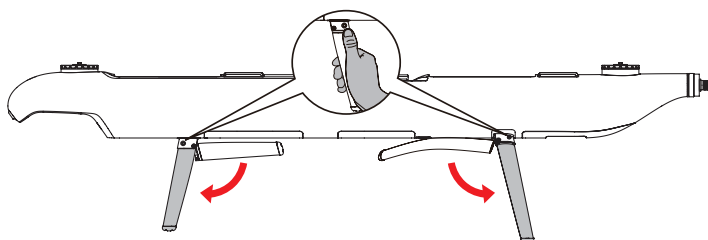


3. Insert the battery, and close the battery compartment lid.

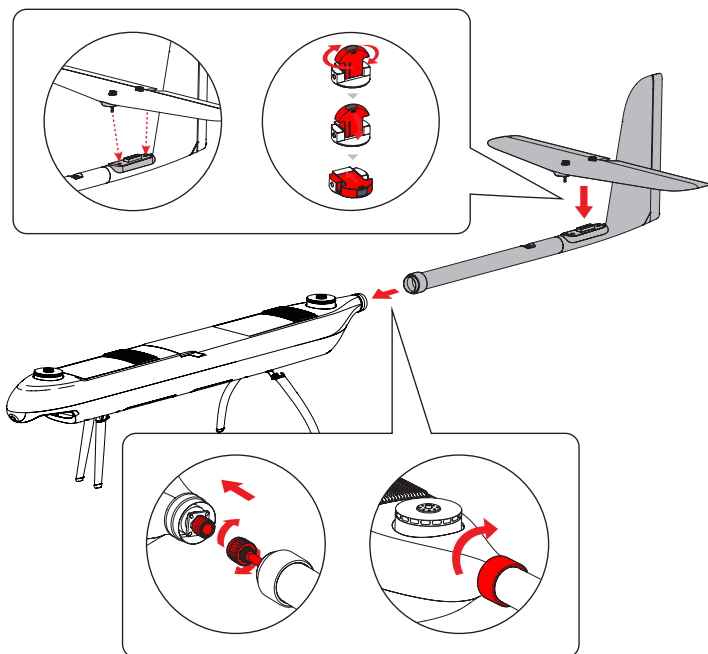


Assembling the Aircraft

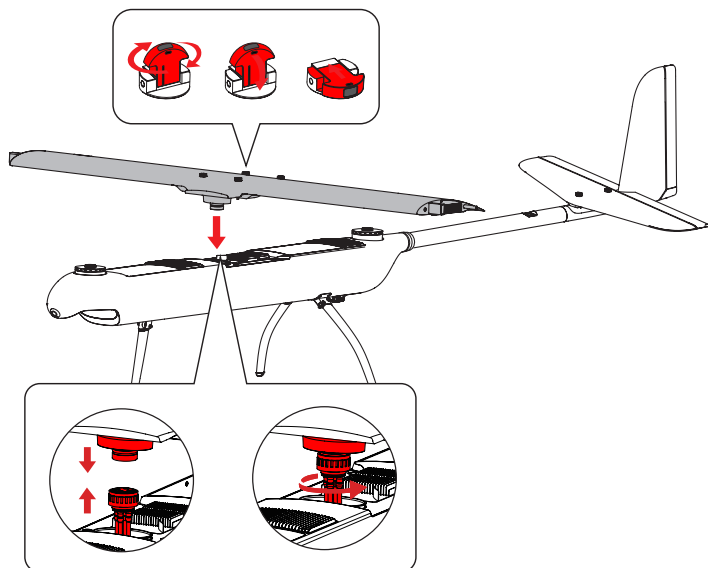
1. Open the landing gear.



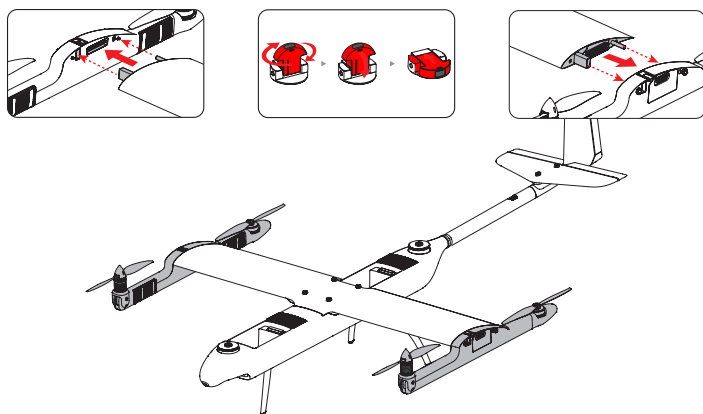
2. Assemble the tail wing.



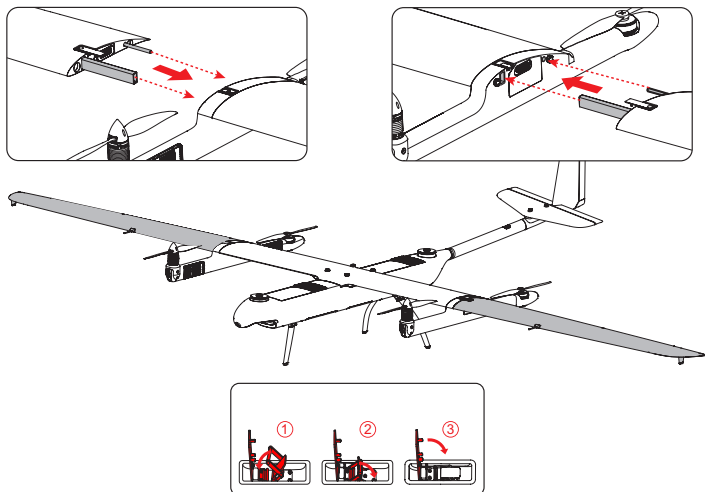
3. Assemble the central wing.



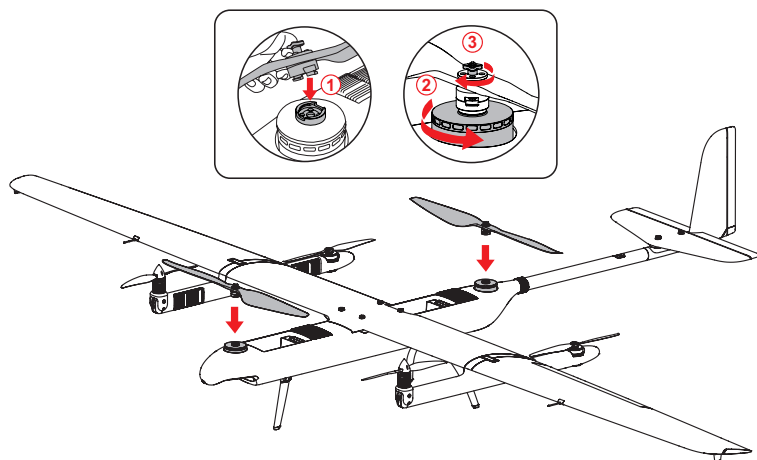
4. Assemble the left nacelle and right nacelle.

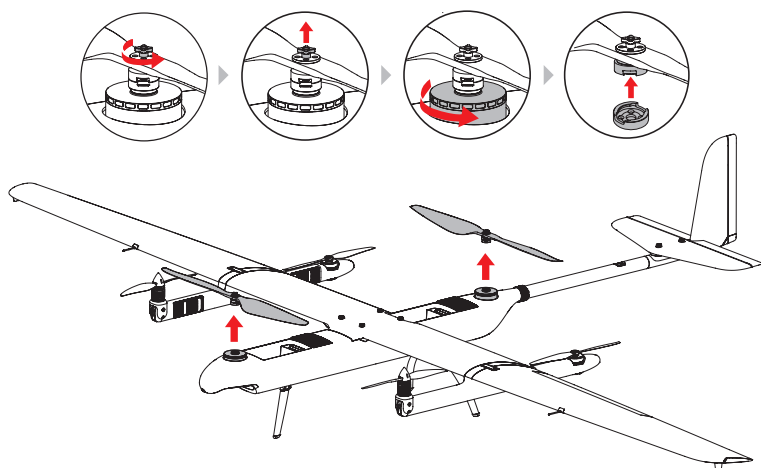


5. Assemble the left wing and right wing.

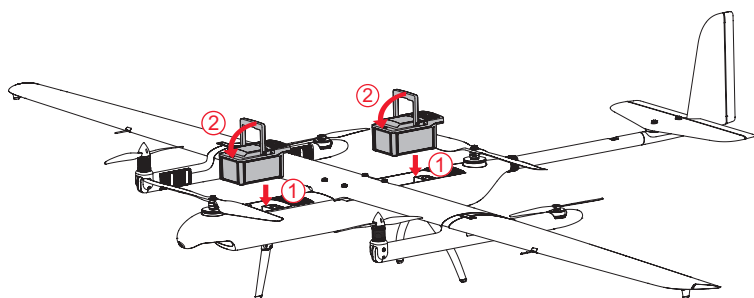


6. Assemble the fuselage propeller | Disassemble the fuselage propeller.

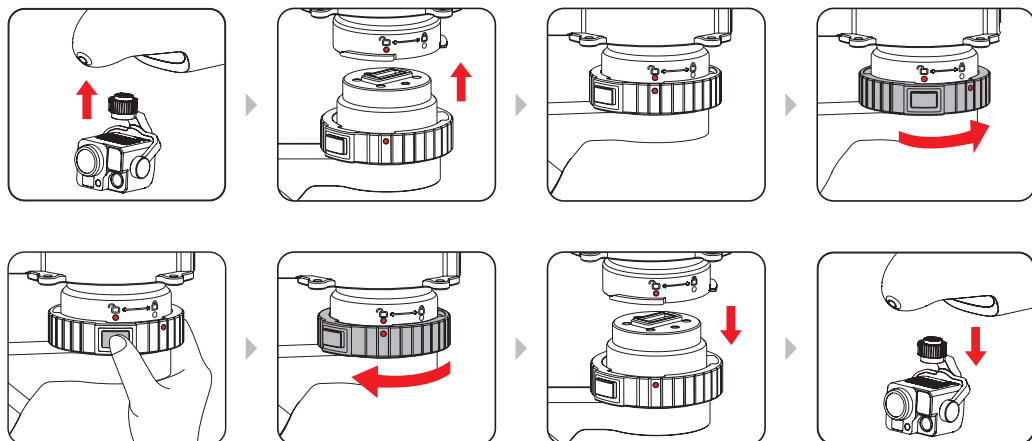




7. Assemble the smart battery.

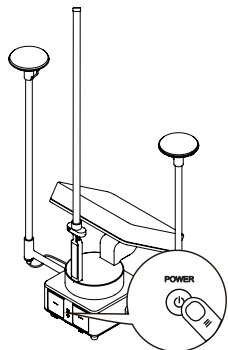


8. Assemble the gimbal camera | Disassemble the gimbal camera.

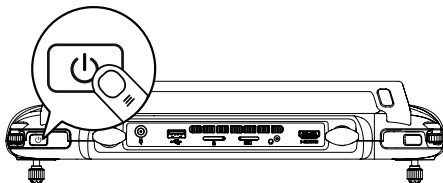


Operations

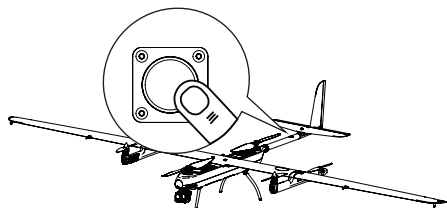
1. Power on the tracking antenna.



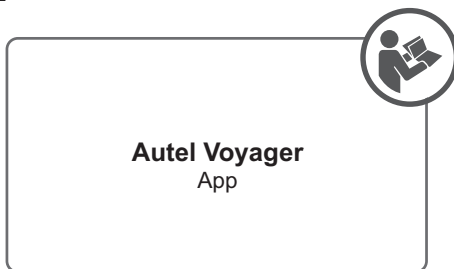
2. Power on the remote controller.



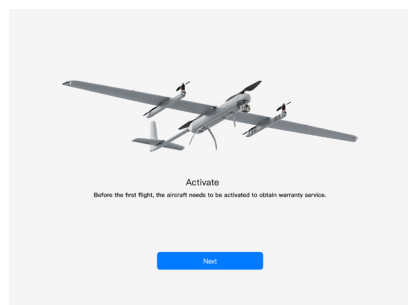
3. Power on the aircraft.



4. Run the Autel Voyager application.

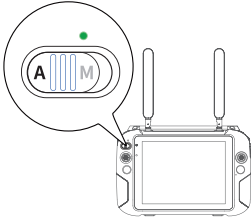


5. Activate the aircraft.

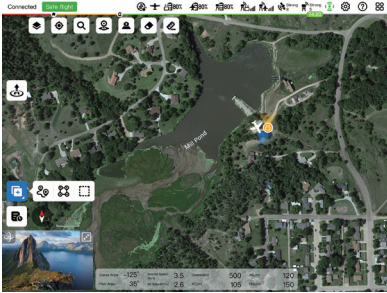


Automatic Takeoff

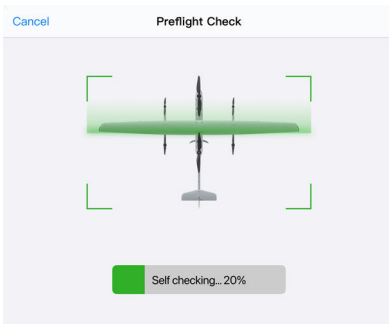
1. Switch the mode switch key on the remote controller to "A" position.



2. Tap "Create Mission" icon.



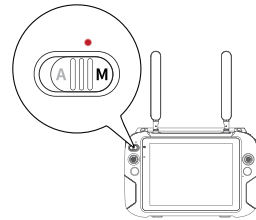
3. Perform preflight status check.



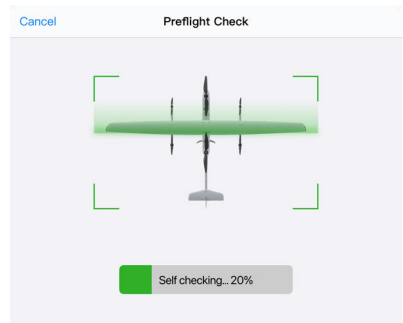
Manual Takeoff

Note: Manual mode is not recommended for non-professionals.

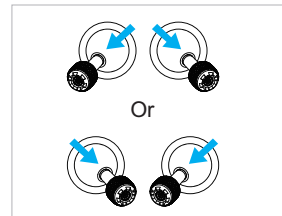
1. Switch the mode switch key on the remote controller to "M" position.



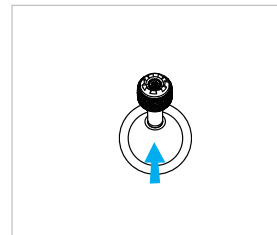
2. Perform preflight status check.



3. Push both sticks inwards or outwards for 2s to start the motors.



4. Push the throttle stick (Left stick, mode 2) up to takeoff.



Selecting Stick Mode

