



PREDATOR

Remote Control Model Airplane

Instruction Manual

Predator Operating Manual

We would like to thank you for purchasing this model airplane Predator. Please read the manual carefully before operate the kit.

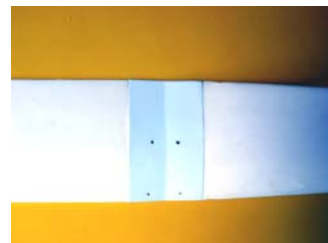
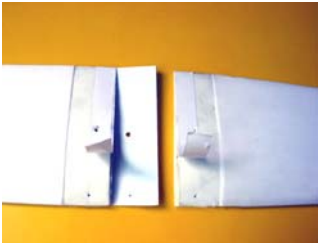
QUICK SETUP GUIDE

1. Preparation before flight

- 1) Please charge the battery with the appropriate charger in box. Be careful not to over charge.
- 2) Put 8 cell AAA batteries (not included in the box) into the battery bay of transmitter.



2. Put left and right main wing panels together.



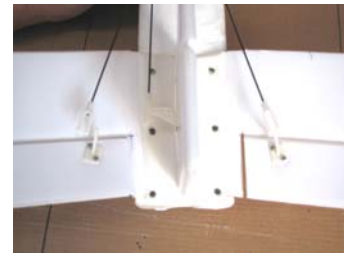
3. Secure the plastic portion onto the front of main wing, fasten the screws.



4. Attach the main landing gear onto the main wing, fasten the screws.



5. Slide the rudder into elevator and then insert the assembled tail onto the fuselage, fasten the screws.



6. Turn on the transmitter, make sure the flash light is on and always turn the speed controller all the way down. Keep away from the propeller at all times. Hold the plane by catching other position away from the propeller.



7. Insert the flight battery into the battery bay and plug the battery into the speed controller.



8. Gently open the clevis and fasten it to the inner most hole of the control horn on both the rudder and elevator. You may need to adjust the clevis for neutral position.



9. Make sure the plane is hold tight and speed controller is on the off position. Push the red arming switch on the fuselage to start the motor, push the throttle stick to check the power.

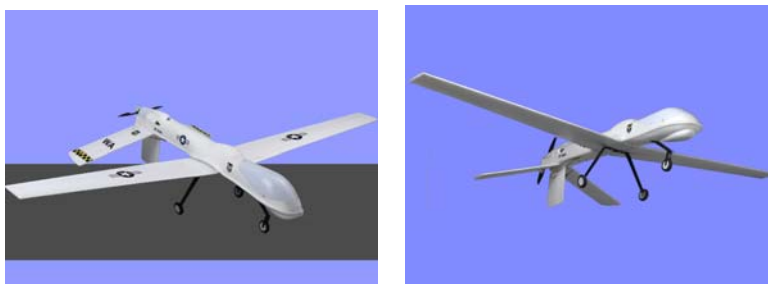
10. Pull the receiver antenna out of the fuselage and lead it to one end of main wing. Clear up the antenna on the main wing and tape it. Make sure to avoid antenna enlaced in the fuselage as this will shorten the control range!



11. Insert the main wing onto the fuselage by inserting the male plastic portion into female receptor, fasten the screws on the other side.



12. Range test on ground, do not pull out the transmitter antenna, if the control range is more than 20m, it is suitable to fly in air.



SAFETY PRECAUTIONS

1) Never fly the Predator where there are crowds of people, power lines overhead, automobiles or near highways. Give yourself plenty of room for flying, as the plane can travel at a high rate of speed. Remember you are responsible for the safety of others.

2) Do not fly in strong winds.

3) Do not attempt to catch the Predator while flying.

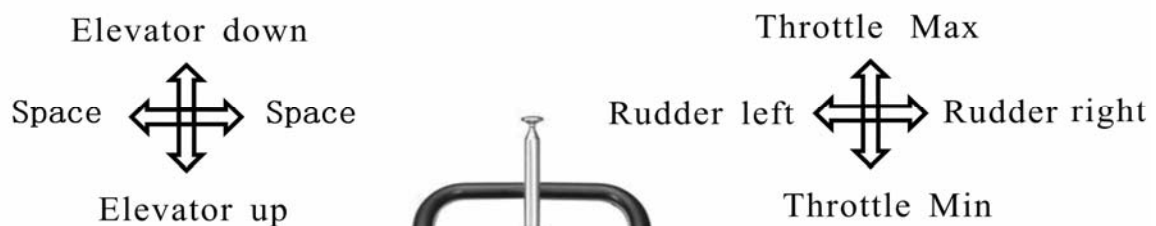
- 4) Children under 16 years old should have an adult present.
- 5) Never leave this system unattended, with the batteries in the unit and around children. Injury can result by children turning on the transmitter or the plane.
- 6) Keep away from the propeller at all times. The system can automatically start when the batteries are plugged in, regardless if the transmitter is in the on or off position. The propeller can cause injury!
- 7) Before flying, always remember to turn on the transmitter first, before plugging in the battery pack. Stay clear of propeller.
- 8) Always turn the speed controller all the way down (left control stick in the down position) before starting; otherwise the propeller will start on full power when you plug the battery into the plane.
- 9) After running the motor, disconnect the battery first before turning off the transmitter, otherwise the propeller may start at full power.
- 10) Never leave the charger or battery near wet areas.
- 11) Completely discharging a battery can result in permanent damage to the cells of the battery. Therefore you must always remember to disconnect the battery after using the plane.

SETTING UP CONTROLS

Setting up your transmitter controls properly is the key to having full control over Predator.

Follow these simple steps:

- 1) Turn on transmitter.
- 2) Plug in flight battery into aircraft.
- 3) Set all trim tabs on Radio to the neutral (middle) position.
- 4) Observe all flight surfaces and confirm that they are all in the neutral positions. If they are not, unscrew control arm off the servo controlling that specific function and re-place control arm on servo until neutral position is obtained. The goal is to make sure that control throw is near equal for each direction of input.
- 5) For maximum control throw the attach the plastic clevis to the inner most hole on the control horn, and the connect the metal pushrod to the inner most hole on the servo arm. If doing this makes the plane too reactive for your skill level then back off one hole or two hole positions accordingly.



4ch, Mode I



4ch, Mode II

Trouble Shooting

Problem	Cause	Solution
1. Motor does not run	<p>A) Flight battery is not fully charged.</p> <p>B) Start switch was not pressed.</p> <p>C) Transmitter battery is not fully charged.</p> <p>D) A crash has damaged an internal component.</p>	<p>If A) Recharge the flight battery. If B) Press the start switch once. If C) Replace the batteries with new ones.</p> <p>If D) Replace the component with a new one.</p>
2. Plane doesn't fly straight	<p>A) The rudder or the ailerons are not on the center position. (neutral)</p> <p>B) The main wing has not been attached properly to the fuselage center.</p>	<p>If A) Adjust the trim tabs on the transmitter.</p> <p>If B) Reattach the main wing.</p>
3. Plane does not climb	<p>A) Flight battery is not fully charged.</p> <p>B) The elevator declines downward.</p>	<p>If A) Recharge the flight battery.</p> <p>If B) Adjust the trim tabs on the transmitter.</p>
4. Decreased transmitter range	<p>A) Transmitter battery is not fully charged.</p> <p>B) The antenna of the transmitter is not fully extended</p>	<p>If A) Replace the batteries with new ones</p> <p>If B) Extend the antenna completely.</p>

