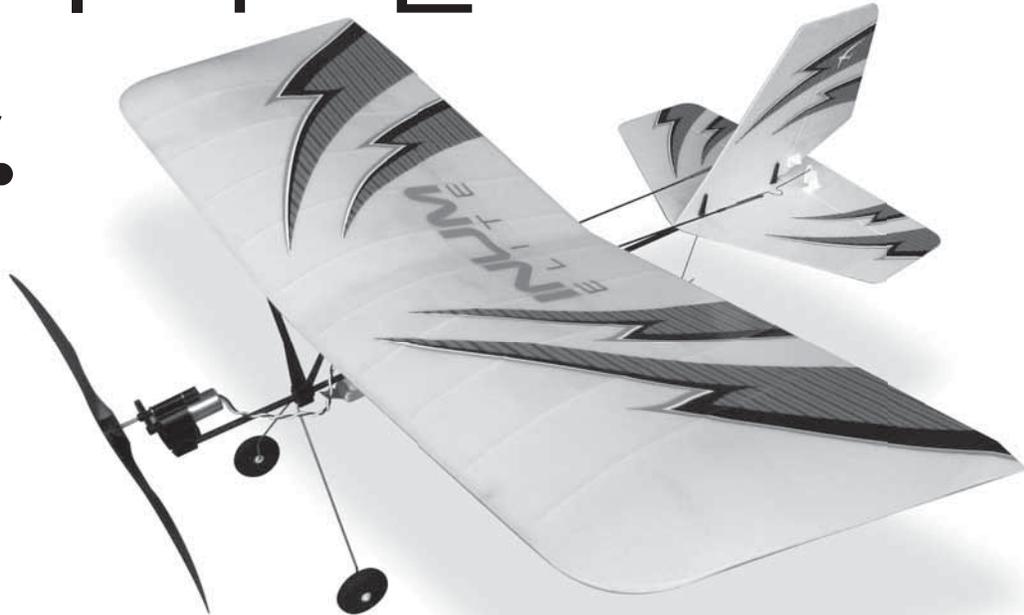


INUM ELITE

RTF
READY-TO-FLY



INSTRUCTION MANUAL

SPECIFICATIONS

Wingspan:	15.9 in [404 mm]
Total Length:	15.7 in [399 mm]
Weight:	1.15 oz [33g]

IMPORTANT

- This radio controlled model is not a toy!
- This model must be assembled and operated according to the instructions.
- It may cause serious injury to persons or property if not used responsibly. Not suitable for children under 14 years old.

WARRANTY

Flyzone® guarantees this kit to be free from defects in both material and workmanship at the date of purchase. This warranty does not cover any component parts damaged by use or modification. **In no case shall Flyzone's liability exceed the original cost of the purchased kit.** Further, Flyzone reserves the right to change or modify this warranty without notice.

In that Flyzone has no control over the final assembly or material used for final assembly, no liability shall be assumed nor accepted for any damage resulting from the use by the user of the final user-assembled product. By the act of using the user-assembled product, the user accepts all resulting liability.

If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.

For warranty claims contact Hobbico Product Support:

Hobbico Product Support

3002 N. Apollo Drive Suite 1
Champaign IL 61822 USA

Telephone: (217) 398-8970 ext. 6

Fax: (217) 398-7721

E-mail: airsupport@hobbico.com

READ THROUGH THIS MANUAL BEFORE STARTING CONSTRUCTION. IT CONTAINS IMPORTANT INSTRUCTIONS AND WARNINGS CONCERNING THE ASSEMBLY AND USE OF THIS MODEL.

Flyzone®
how high will you soar

WARNINGS

FOR YOUR SAFETY PLEASE READ AND UNDERSTAND THESE WARNINGS.

Radio control models are not toys. Serious injury to persons or damage to property can result if they are not used in a responsible manner.

Read all instructions carefully prior to assembling and before flying this model. Seek advice should any information be unclear. You assume all risk and responsibility when using this model.

General Warnings

- Never fly your aircraft from the street or at night. Always fly in an open area free of obstructions.
- When flying, make sure any spectators are behind you.
- Always be conscious of the spinning propeller. Be careful not to allow loose clothing to be drawn into the propeller.
- Because your aircraft is operated by radio control, it is important to make sure you are always using fresh and/or fully charged batteries. Never allow the batteries to run low, or you could lose control of the aircraft.
- Never attempt to disassemble any of the aircraft's components, especially the electronics.
- Do not allow any of the electrical components to get wet, or electrical damage may occur.
- You should complete a successful range check of your radio equipment prior to each new day of flying, or prior to the first flight of a new or repaired aircraft.
- If your aircraft gets dirty, do not use any solvents to clean it. Solvents will damage the foam and plastic. Use a dry cloth to clean any dirt from outside of the aircraft.
- This product includes small and sharp edged parts. Always assemble and keep this product out of children's reach.
- Do not fly your airplane on days with strong winds or side winds.
- When not using the model, always switch off the receiver and transmitter. Also, disconnect and remove batteries from the model and the transmitter as batteries may overheat or leak, causing damage.
- Do not store this model in a high-temperature/humidity area or in direct sunlight.

Radio Control System Warnings

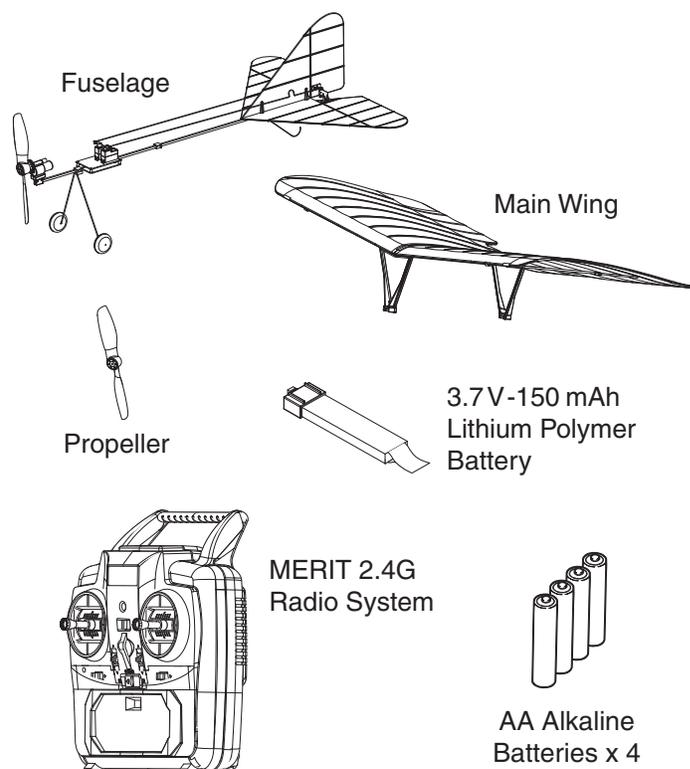
- **Always turn on your transmitter before turning on the aircraft and always turn off the aircraft before turning off your transmitter.**
- Always unplug the battery when not flying the aircraft.
- Never cut the receiver antenna shorter, or you could lose control of the aircraft during flight.
- Never attempt to disassemble or modify any of the radio control system components.

LiPo Battery Warnings

YOU MUST READ THIS BEFORE CHARGING THE BATTERY

- All instructions, warnings, and cautions must be followed at all times. Failure to do so can lead to serious injury or fire. Do NOT use this product before reading and understanding all directions and warnings.
- Do NOT use or charge if the battery is hot.
- Do NOT leave in direct sunlight or in a hot car or storage area. Do NOT get wet or expose to moisture.
- Do NOT overcharge. Maximum voltage for each battery must be followed.
- Do NOT short-circuit the battery. Check polarity, then connect the battery to the charger.
- Do NOT leave the battery connected when not in use.
- Do NOT operate or charge unattended.
- Do NOT use the battery if you do not understand the warnings and proper use of the battery.
- Always let the battery cool and 'rest' between uses and charging. Do NOT charge inside your car or inside your house.
- Inspect the battery before each use for swelling or other malformation. If the battery has swelled, it MUST be discarded.
- Do NOT poke, bend or damage the battery. The outer casing is soft and can be damaged.
- The battery must never exceed 71° C (160° F) for any reason.

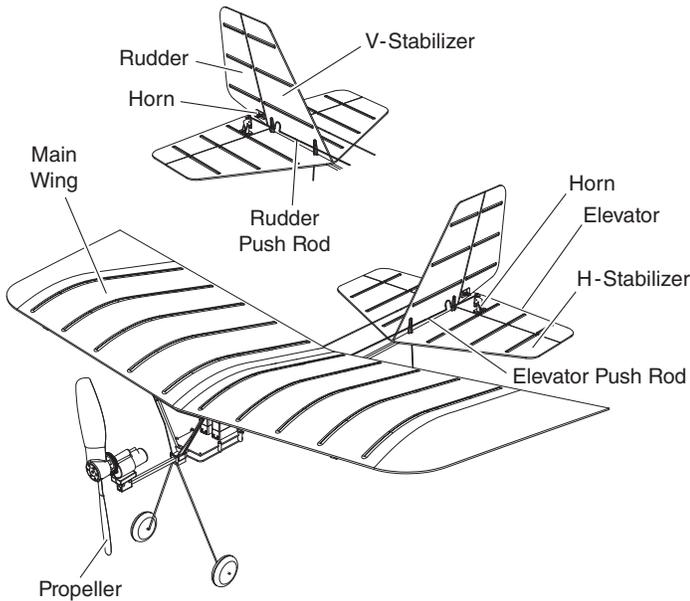
ITEMS INCLUDED



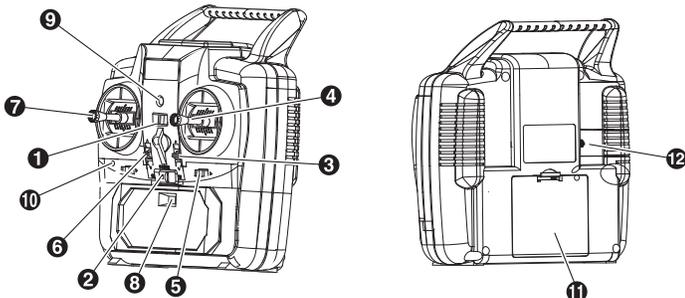
AVAILABLE PARTS

FLZA6460	Wing
FLZA6461	Tail Surface Set
FLZA6462	Landing Gear Set
FLZA6463	Propeller (2 pcs.)
FLZA6464	Battery LiPo 1S 3.7V 150mAh

PARTS GUIDE



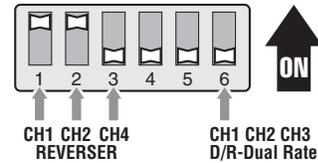
TRANSMITTER



- 1 Mode Change Switch**
- 2 Power Switch**
- 3 Elevator Trim (Up/Down)**
Adjust up/down so plane flies horizontal.
- 4 Elevator Stick (Up/Down)**
Controls planes upwards/downwards movement.
Rudder Stick (Left/Right)
Controls plane's left/right movement.
- 5 Rudder Trim (Left/Right)**
Adjust left/right so plane flies straight.
- 6 Throttle Trim (Up/Down)**
Adjusts throttle so motor will not move at the down position.
- 7 Throttle Stick (Up/Down)**
Controls propeller speed.
- 8 Function Selector**
- 9 Battery Level Indicator**
- 10 Charge Lamp**
- 11 Battery Cover**
- 12 Charger Terminal Cover**

7 Throttle Stick (Up/Down)
Controls propeller speed.

8 Function Selector



9 Battery Level Indicator

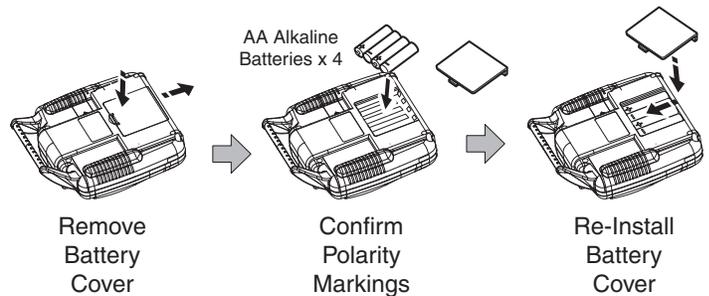
10 Charge Lamp

11 Battery Cover

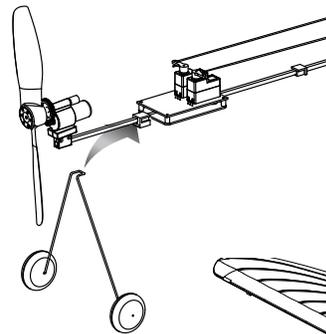
12 Charger Terminal Cover

BEFORE OPERATING

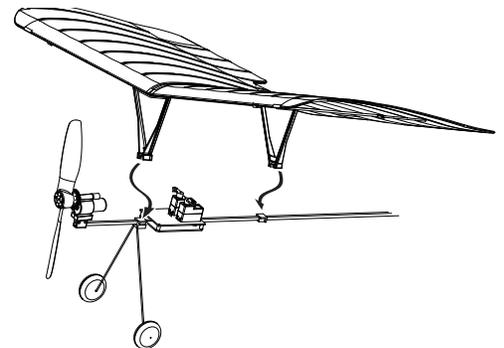
Batteries for Transmitter



ASSEMBLING THE AIRPLANE



1. Install the landing gear into the landing gear mount from the front as shown. Make sure to fully push the landing gear in place to prevent it from coming off during use.

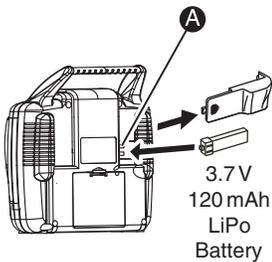


2. Install the main wing onto the fuselage by clipping the plastic mounts on the wing into the holders on the fuselage. Note the direction in the drawing. Make sure to fully push the mounts into the clips to prevent the wing from coming off during use. Make sure to re-check the fit of the mounts on the clips if you crash your plane.

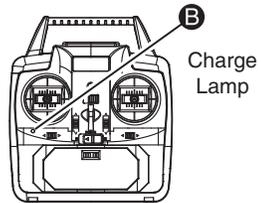
Charging the Battery



- Read the LiPo battery warnings on page 2 carefully and charge the battery accordingly.
- Use only the battery charger specified.
- Do not attempt to charge a damaged battery. This may cause fire or serious damage.
- For safety reasons, batteries with a high voltage cannot be recharged. Run down the battery completely and then recharge.

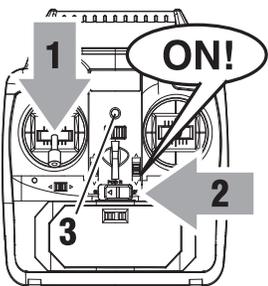


1. Remove the charger door from the transmitter.
2. Connect the 3.7V 120mAh LiPo battery to the charge socket. (A) Up label visible.
3. The charge lamp (B) lights up and quick charge commences. (A fully discharged battery takes about 40 minutes to charge. Charging time can vary according to battery type).
4. After the charge lamp goes off, charging is complete.



NOTE: When the transmitter batteries are dead, the battery can not be charged. **The battery can be charged whether the transmitter power is switched ON or OFF.**

Switch the Transmitter On



1. Move the throttle stick all the way down.
2. Switch the power ON.
3. The red LED lights up and a "beep" will be heard.

NOTE:

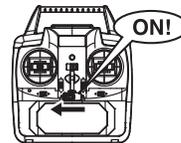
- Always turn the transmitter's power switch ON before plugging the battery into the plane!
- The motor will not operate unless the throttle stick is first moved to the lowest position.

LED Display

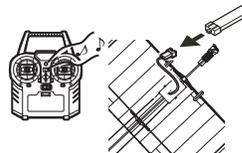
When the	is	this means the	You should
Rx LED	Steady on	Tx & Rx are linked & ready.	
	Slow Flash	The throttle's in the Hi position (The motor will not activate).	Move the throttle stick to the lowest position, until the LED is steady ON. Then the motor will activate.
	Fast Flash	The battery is low.	Charge the battery.
Tx LED	Fast Flash	The battery is low.	Replace the Tx batteries.

Linking the Airplane

The Inum Elite is equipped with an auto-linking feature. This means the transmitter will automatically link to the plane after they are turned on.



1. Switch the transmitter power ON.



2. Connect the battery to the airplane squarely on the hook and loop pad on the bottom of the fuselage and observe correct polarity.



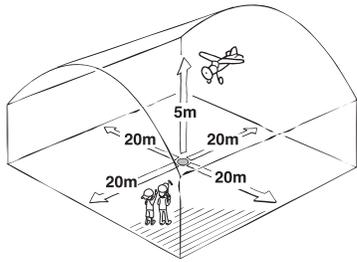
3. When the transmitter is linked, the red LED will solidly illuminate.

SLT COMPATIBILITY

The INUM Elite RTF can also be flown with Tactic transmitters (SLT protocol). When doing this please refer to the Tactic radio instructions and be aware some channels may need to be reversed or re-assigned for proper operation. This includes the throttle channel, so extra care must be taken to be sure the throttle direction is correct.

CHOOSING YOUR FLYING FIELD

The flying field you choose should be a large, open field with grass. There should not be any vehicles, buildings, power lines, trees, large rocks or anything else that your model can crash into.



The size of the area should be as shown. (Be sure to obtain appropriate permission.)



Control may be lost if the airplane is more than 50 meters from the transmitter.

CHOOSING A DAY TO FLY



Very Light Wind



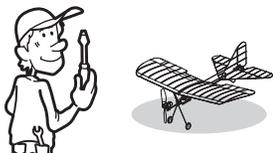
Strong Wind

Calm weather with either no wind or wind speed of 1–2 mph is suitable for flying.

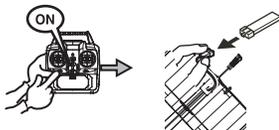
PRE-FLIGHT CHECK



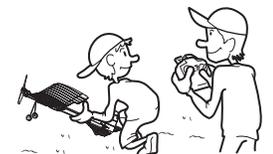
1. Check for any bends or damaged parts on the main wing, fuselage or tail wing.



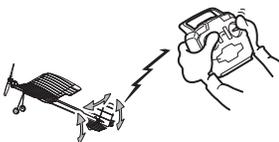
2. Be sure the propeller & spinner are properly attached!



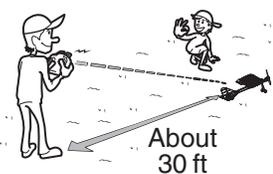
3. Switch the transmitter ON and connect the battery, and advise any people nearby. Make sure there is no one near the propeller.



4. In case the motor starts rotating accidentally, have an assistant hold the rear part of the plane securely.

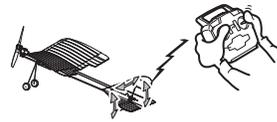


5. Check to see if the plane responds properly to control signals.



6. Test the range of the radio signal. Step back about 30 ft [10m] and check for any unusual behavior.

TAKEOFF

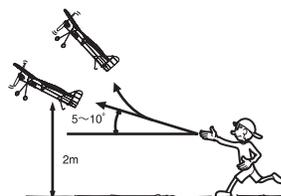


1. Before takeoff, check to see if the plane responds properly to control signals.

Wind



2. Apply 3/4 throttle while facing into the wind. Hold the plane horizontally and launch straight and level with a gentle pushing motion.

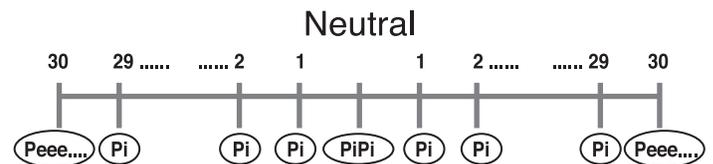


3. After launching, use the rudder to stop the plane from banking left or right. Climb 10–20° at about half throttle. After reaching an altitude of about 6 feet [2m], begin circling the plane. (If the battery is not charged properly, the plane will not ascend).

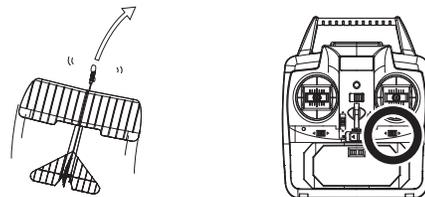
Use the elevator stick to adjust the climb and altitude.

Put the throttle stick to the lowest position when crashing to avoid damage.

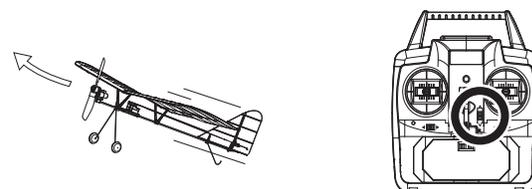
ADJUSTING TRIMS



Adjusting trim for horizontal flight.



Take your finger off of the rudder stick and if the plane flies to the right, adjust the rudder trim to the left side.



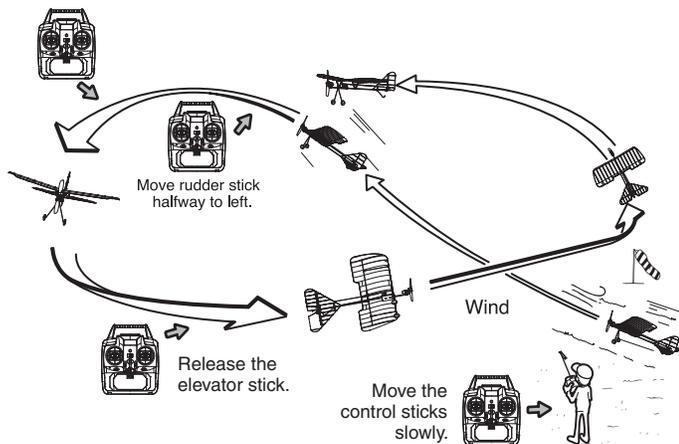
Take your finger off of the elevator stick and if the plane flies upwards, adjust the elevator trim upward.



Adjust the elevator and rudder trims so the plane flies straight and horizontal when the sticks are free.

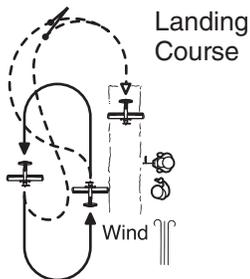
FLIGHT

Continue circling left in an oval pattern until you're accustomed to flying. If the plane nose dips, add a slight amount of up elevator control.



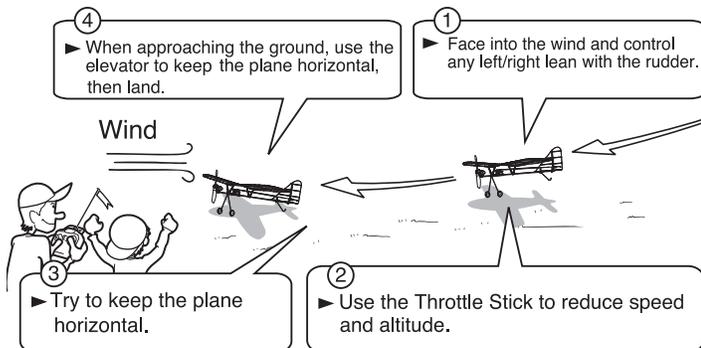
Turn the rudder to the right and then release the control stick. Once the plane levels off, the circle is complete.

LANDING

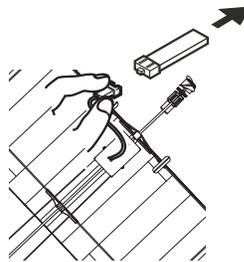


When the battery runs low, the auto-cut system will stop the propeller from spinning. Flight times will be 7–10 minutes.

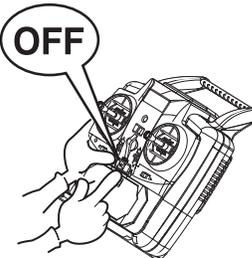
When landing, make a wide turn with the wind, and then land **into** the wind.



AFTER LANDING



1. **Always disconnect the battery before turning off the transmitter.** Hold the connector when disconnecting the battery. Do not pull on the cord.

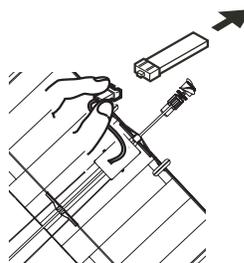


2. Then, switch the transmitter OFF.

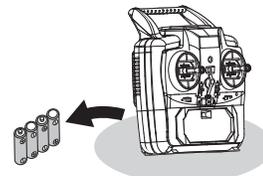


CAUTION: The battery may be hot after a flight! Allow the battery to cool down before recharging.

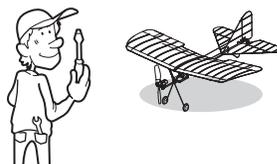
AFTER-FLIGHT MAINTENANCE



1. Remove the battery from the airplane when not in use.



2. For the next flight, check that no screws have loosened and replace any scratched or damaged parts.

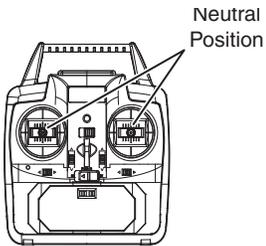


3. Clean away any dirt etc. and perform any needed maintenance.

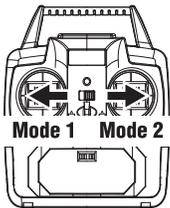
TRANSMITTER MODE SELECTION

As supplied, the transmitter is in Mode 2.

NOTE: The transmitter can be used in Mode 1 or Mode 2 with the mode change switch. After the Mode has been changed, the throttle stick spring is cancelled.

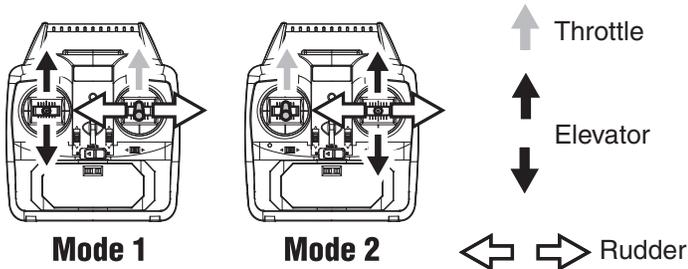


1. Move the left and right sticks to the neutral position.



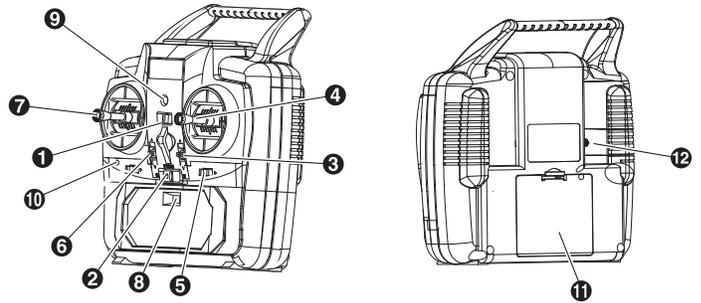
2. Make sure the Mode change switch is moved all the way to the end.

Mode Stick Functions



- The Mode change switch will only slide if the throttle stick is in neutral.
- Be sure to slide the Mode change switch all the way to the end. The sticks will not move correctly unless the switch is moved all the way to the end.

Changing Transmitter to Mode 1



1 Mode Change Switch

2 Power Switch

3 Throttle Trim (Up/Down)

Adjusts throttle so motor will not move at the down position.

4 Throttle Stick (Up/Down)

Controls propeller speed

Rudder Stick (Left/Right)

Controls plane's left/right movement.

5 Rudder Trim (Left/Right)

Adjust left/right so plane flies straight.

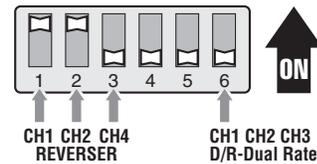
6 Elevator Trim (Up/Down)

Adjust left/right so plane flies straight.

7 Elevator Stick (Up/Down)

Controls plane's upwards/downwards movement.

8 Function Selector



9 Battery Level Indicator

10 Charge Lamp

11 Battery Cover

12 Charger Terminal Cover

