90 DAY LIMITED WARRANTY

Do not return your plane to the store. Estes will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage or abuse. For fast courteous service, if you find a defect or a part is missing, please contact Estes Customer Service at www.estesrockets.com or call 1-800-525-7561.

Obtain a Return Merchandise Authorization (RMA) number from Estes Customer Service before returning a defective part or product. Any part or product returned to Estes without an RMA number clearly marked on the shipping label will not be accepted. Send only the defective part(s). There may be additional charges if you send more than is necessary. Ship returns to: Estes-Cox Corp., 1295 H St, Penrose, CO 81240.

This warranty applies only if the product is operated in compliance with instructions and warnings provided with each model. Estes-Cox assumes no liability except for the exclusive remedy of repair or replacement of parts as specified above. Estes shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of incidental or consequential damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

ONLINE FLIGHT SIMULATOR

Practice flying a Sky Rangers® R/C airplane with our Online Flight Simulator. (Planes on Flight Simulator will vary)


THE TRANSMITTER (TX) WITH BUILT-IN CHARGER

(Requires 6 - ‘AA’ Alkaline Batteries - Sold Separately)

Before you get started, be sure you have:
6 - ‘AA’ size Alkaline batteries - white glue or epoxy sold separately.

Here’s everything that is included in the package. Use this picture to help locate the parts of your plane.

SPARE PARTS

Call Estes Customer Service at 1-800-525-7561.
Monday - Friday, 8:00 am - 4:00 pm Mountain Time or order parts on-line at www.estesrockets.com, click on Estes Store then ‘R/C Plane Parts’.

Item # Description
063786 Fuselage assembly w/ROX
065787 Propellers
063098 Upper wing assembly
063789 Lower wing assembly
063544 4.8 Volt NiMH Flight Battery
061496 Antenna ribbon
063540 Transmitter/charger w/antenna
063521 Canopy

CAUTION: Do not mix old, new, or other battery types. Use only ALKALINE batteries in the transmitter/charger.
**WARNING:**

To avoid injury and property damage, read this manual carefully before using this equipment. If you have any questions, contact the manufacturer or a qualified technician.

1. **Charging the Battery**
   - Turn on the charger and select the appropriate power source.
   - Connect the battery to the charger.
   - Charge the battery for the recommended time.

2. **Installing the Flight Battery**
   - Ensure the flight battery is securely installed in the aircraft.
   - Connect the battery to the ESC (Electronic Speed Controller).

3. **Troubleshooting**
   - **Erratic little on radio control:** Review the receiver settings and check for signal interference.
   - **Short flight time:** Review the flight time and ensure proper operation.
   - **Fuselage does not move when control stick moved:** Check the connection between the control surfaces and the control stick.

4. **Fix Tail**
   - **Propeller not or low power:** Replace the propeller or check the motor and ESC connections.
   - **Fix Wing**
   - **Fix Fuselage**
   - **Fix Motor**
   - **Fix Receiver**

**Important Notice:**

- Ensure the aircraft is within the legal weight limit and complies with local regulations.
- Do not fly the aircraft in areas with high electrical interference or where it may pose a risk to people or property.
- Always maintain a safe distance from other aircraft and obstacles.

**RC User Information:**

- The aircraft contains small parts that may present a choking hazard. Keep out of reach of children.
- The aircraft's performance may vary depending on environmental conditions and operating parameters.
**FLYING YOUR PLANE - READ AND STUDY THESE INSTRUCTIONS BEFORE YOU FLY!**

**STEERING THE PLANE COMING TOWARD YOU** (Tricky Part of Flying)
You have a couple of options:
1. Turn yourself so the radio antenna is pointing in the direction the plane is flying. (Imagine yourself in the cockpit of the plane).
2. Tap the Control Stick in the direction of the low wing to control the turn or to bring the wing level to fly straight.

**To stop turning** Tap the Control Stick in the direction of lower wing.

**To land**, release the Throttle Stick to begin descent. **Tap** the Control Stick to level the wings as needed (left or right) to steer the plane into the wind, and keep the wings level for landing.

**CHOOSING A GOOD FLYING SITE:**
- Choose a flat, open area.
- Avoid flying near power lines, trees, houses, buildings, or trees.
- Stay clear of traffic and large objects.
- Keep a safe distance behind you while operating your plane.

**ALWAYS FLY OVER SOFT GRASSY FIELDS**
- Do not fly in parking lots or streets.

**SAFETY PRECAUTIONS:**
- Keep a safe distance behind you while operating your plane.
- Avoid flying near traffic.
- Do not fly in parking lots or streets.

**BEGIN LEFT TURN**
- Tap to Left Bank Wing.

**END OF TURN**
- Tap to Right Level Wing.

**PREVENT TO LAND**
- To avoid stalling, throw the plane out of control or tap the Control Stick to level the wings.

**FINISH THE TURN**
- Tap the Control Stick to the right.
- Release the Throttle Stick to stop the plane.
- Keep the wings level as you approach.

**FLY STRAIGHT**
- Tap the Control Stick to the left.
- Release the Throttle Stick to stop the plane.
- Keep the wings level as you approach.

**KEEP FULL POWER APPLIED!**
- Let plane fly out 3-5 seconds to climb and attain flight speed before making any turns. If required, tap the Control Stick left or right as needed to keep the wings level.

**STEERING YOUR PLANE**
1. **This R/C Airplane DOES NOT need the Turn Control Stick to be continuously held right or left to turn.** 
   - Steer this airplane by tapping & releasing the Turn Control Stick. This transmitter is equipped with Fly-Rite™ Technology to prevent overcontrol of the plane. (See next page for more information on Fly-Rite™ Technology.)

2. **Only tap the Turn Control Stick enough to bank the wing for a turn, then stop tapping.** 
   - Once the wing is banked, the plane will continue to turn without added input from the Turn Control Stick.

3. **Tap the Turn Control Stick in the opposite direction of the turn to level the wing out for straight flight.** 
   - This R/C airplane only flies straight when the wings are level. If you get into too tight a turn and the plane begins to dive to the ground, release BOTH control sticks then either:
     - Tap the plane level itself and resume flying by adding power and keeping the wing level.
     - Slow the plane down by reducing power and tighten the bend in the Control Stick to level the wing.

**TIGHT TURN**
- Long, repeated taps.

**WIDE TURN**
- Short, repeated taps.

**USING THE WIND INDICATOR**
- **OK TO FLY**
  - Use a fully charged battery installed in plane.
  - Fully extend transmitter antenna.
  - Check wind speed and direction using wind indicator ribbon.
  - Tap transmitter switch ON.
  - Tap plane switch ON.
  - Check controls by tapping each control stick.
  - Prepare to hand launch or take off directly into the wind.
  - Apply full power and launch or steer the plane straight for a smooth takeoff from the ground.

**NOT OK TO FLY**
- Use an alternative method to launch the plane (e.g., using a launch tower or park the plane indoors).

**PRE-FLIGHT CHECKLIST**
- Use a fully charged battery installed in plane.
- Fully extend transmitter antenna.
- Check wind speed and direction using wind indicator ribbon.
- Tap transmitter switch ON.
- Tap plane switch ON.
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**THROW STRAIGHT OUT**
- Take off Full Power

** araştırma:**
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**FLY STRAIGHT**
- Tap the Control Stick to the left.
- Release the Throttle Stick to stop the plane.
- Keep the wings level as you approach.

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