**EASY REPAIRS YOU CAN DO YOURSELF**

If your plane needs to be repaired, repair any bent parts per the breaks with white glue or 5 minutes epoxy, and/or bend pushing tabs (tabs expand with humidity or heavy stress). Other glue may damage the plane. See the illustrations below.

**TRoubleshooting**

- **Electric Motor Does Not Run or Has Low Power.**
  - Turn switch ON.
  - Charge battery.
  - Propeller pulled.
  - Short flight time.
  - Otherwise, no problem.

- **Other Transmitters (TX), RC Car, or Bus.**
  - Opening on extra frequency bay.
  - Transmitter batteries.
  - Please do not pull.

**ONLINE FLIGHT SIMULATOR**

Practice flying a Jay Ranger® RC airplane with our own flight simulator. Please refer to our website for more advanced flying opportunities.

**SPARE PARTS**

Call Estes Customer Service at 1-800-22-ESTES or send email to tech@estes.com or visit Estes on Customer Service then Replacement Parts.

- **Item #**
  - Description

**CONTROLLER/TRANSMITTER (TX) WITH BUILT-IN CHARGER**

- **Chapter 6: Airplane Batteries & Controllers**

**IMPORTANT USER INFORMATION**

This user manual contains parts of the E-22 manual. Please refer to the original manual for complete instructions.

**WARNING:**

- To avoid injury and property damage.

- **Battery and Chargers Safety.**
  - To avoid fire and explosion, keep all batteries away from water and metal objects. Keep batteries out of reach of children. Batteries should be replaced periodically. Keep batteries away from any metal objects such as jewelry, keys, coins, etc. Batteries should be replaced periodically.

- **Propulsion Safety.**
  - Do not use flammable material near the engine or propeller. Keep children and pets away from the engine and propeller. Do not use flammable material near the engine or propeller.

- **90 DAY LIMITED WARRANTY**

  - If this product is not as described, you may return it to the place of sale for a refund or exchange. Return within 90 days of purchase date or the date of receipt of the airplane kit. Do not return to Estes. Include a copy of your purchase receipt or proof of purchase.

- **Airplane Assembly**

  1. **Cox P-40 Model Kit**
     - Follow instructions for assembly and operation.

  2. **Attach Wing Mount to the fuselage.**
     - Peel back small dual dealer access bottom of fuselage at each wing joint.

  3. **Peel back small dual dealer access bottom of fuselage at each wing joint.**

  4. **Attach Arrows to the Ailerons.**
     - Attach arrows to the Ailerons.
FLYING YOUR PLANE - READ AND STUDY THESE INSTRUCTIONS BEFORE YOU FLY!

PRE-FLIGHT CHECKLIST
1. Turn the switch to ON.
2. Push and hold up on the right handle to launch the plane.
3. Let go of the right handle to deploy the engines.
4. Pull the left handle to stop the engines.
5. Release the left handle to retrieve the plane.

TIGHT STRAIGHT OUT
1. Take off with your plane at your fingertips, then let go of the right handle as soon as the plane is in the air.
2. Move the left handle to the right to guide the plane to the right.
3. Move the left handle to the left to guide the plane to the left.
4. Move the right handle to the right to guide the plane to the right.
5. Move the right handle to the left to guide the plane to the left.

TO.AddListener!/ \.addListener! TO.RemoveListener()
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