LEGO Coast Guard Plane Circuit Mod

After building your LEGO Coast Guard Plane, follow this step-by-step guide to add an LED circuit with components from your Crazy Circuits Starter Set!

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INTRODUCTION

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TOOLS:

- Scissors (1)

PARTS:

- LEGO Coast Guard Plane (1)
- LEGO Plate 6 x 8 (3036) (1)
- Crazy Circuits LED Chip (2)
  Red
- Crazy Circuits Blink/Fade Board (1)
- Crazy Circuits Coin Cell Battery Holder (1)
- CR2032 Battery (1)
- Maker Tape (1)
  1/8" Wide

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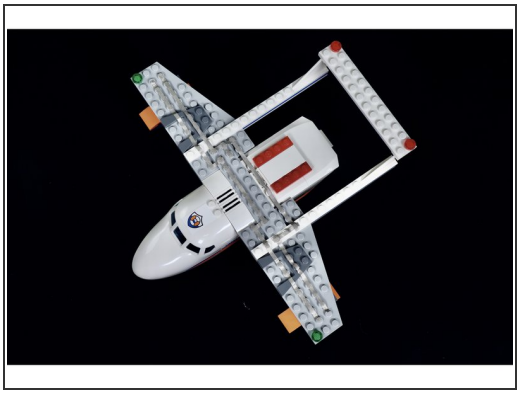
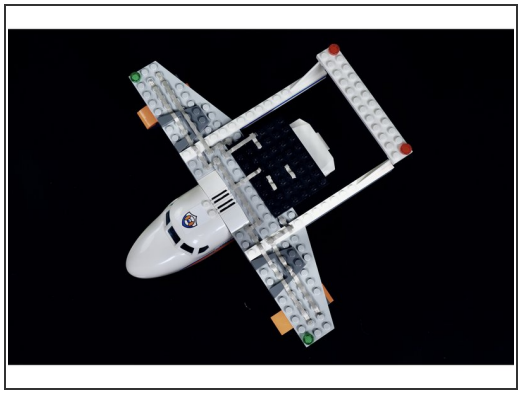
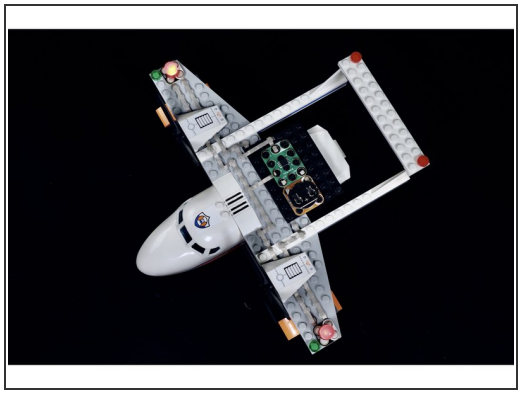
Step 1 — Add new parts





- With your standard project completed, **gather the extra parts** shown and follow photos 1 and 2 to **prepare the area you will add circuitry to**.
- **Note:** Photo 3 shows where the portion of your circuit containing the blink fade board and battery WILL go after creating the first layer of tape paths. Wait to place this part until shown in guide step 2.

Step 2 — Prepare circuit

- **Measure, cut, peel and stick** tape paths as pictured both here and the attached diagram.
- **Note:** There are two layers of tape paths pictured. Complete those pictured in photo 1 first, followed by the ones on the extra 6x8 plate. The extra plate is placed on top and then connected to the lower paths at two points. Make those two connections last.
- Use the third photo and the attached diagram to help you **position and press the circuit components into place**.