

Installation Guide Manual

(11070) Propeller

Motor

ESC Wiring-50A

Silicone Wires (Red/Black)

14.8V 2600mAh Li-Po, 35C

Wiring Diagram

Receiver Connection

Elevator Servo

Right Aileron Servo

Left Aileron Servo

Rudder Servo

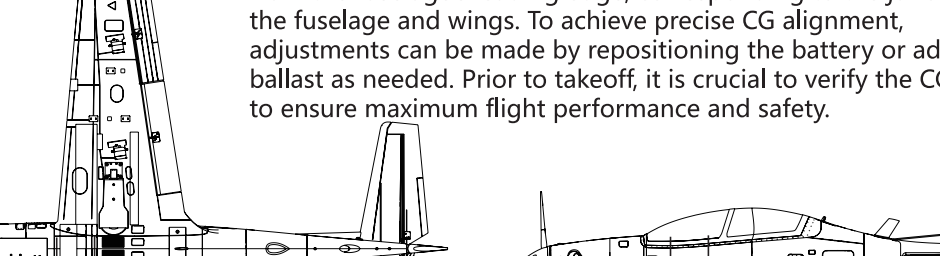
Nose Steering Servo

Right Flap Servo

Left Flap Servo

Positioning the Center of Gravity (CG)

The optimal center of gravity (CG) should be positioned 78-83mm from the fuselage's leading edge, corresponding to the junction of the fuselage and wings. To achieve precise CG alignment, adjustments can be made by repositioning the battery or adding ballast as needed. Prior to takeoff, it is crucial to verify the CG position to ensure maximum flight performance and safety.



The image contains two technical diagrams of a biplane. The left diagram is a top-down view, showing the fuselage, wings, and tail. A vertical line with arrows at both ends indicates the center of gravity (CG) position, which is 78-83mm from the fuselage's leading edge. The right diagram is a side profile view of the same biplane, showing the fuselage, wings, and tail. A vertical line with arrows at both ends indicates the CG position, which is 78-83mm from the fuselage's leading edge.

78-83mm
Center of Gravity (CG) Position

78-83mm
Center of Gravity (CG) Position

Diagram illustrating the propeller installation. The propeller is shown being attached to the motor shaft. The motor is labeled "PA2X7mm".

Elevator

12-15mm

Ailerons

15-20mm

Rudder

12-15mm

- Never charge a lithium polymer battery with a charger designed for NiCd, NiMH, or any other type of battery chemistry. Use ONLY charger designed for LiPo battery.
- Do not leave LiPo battery unattended during charging.
- Do not overcharge the battery.
- Always put the LiPo battery inside a charging protection container while charging.
- Do not allow LiPo cells to overheat at any time. Cells which reach greater than 140 Fahrenheit (60°C) will usually become damaged and will catch fire.
- Do not allow LiPo cells on or near combustible materials including paper, plastic, carpets, vinyl, leather, and wood, inside an R/C model or full size automobile.
- Do not over discharge LiPo; doing so will damage the battery.
- Do not expose LiPo cell to water or moisture at any time.
- Do not store battery near open flame or heater.
- Do not assemble LiPo cells or pre-assembled packs together with other LiPo cells or packs.
- Always store LiPo battery in a secure location away from children.
- Always remove the LiPo battery if model is involved in any kind of crash. Carefully inspect the battery and connectors for even the smallest damage. CAUTION: cells may be hot!
- Do not allow the electrolyte to get into eyes or on skin. Wash affected areas immediately if they come into contact with electrolyte. Do not alter or modify connectors or wires of a LiPo battery pack.
- Always inspect the condition of the battery before charging and operating.
- Do not short circuit the LiPo battery.
- Do not have contact with a leaky/damaged battery directly.
- Do not charge battery out of recommended temperature range (0°C-45°C)