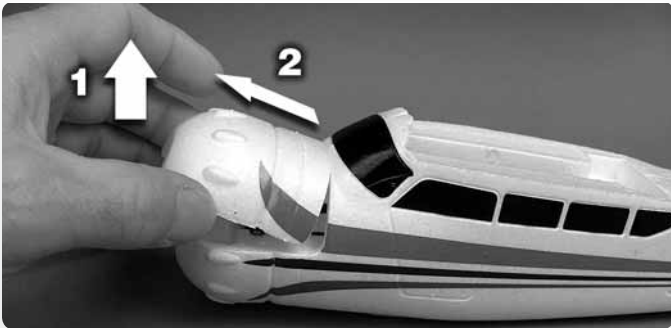


AirCore

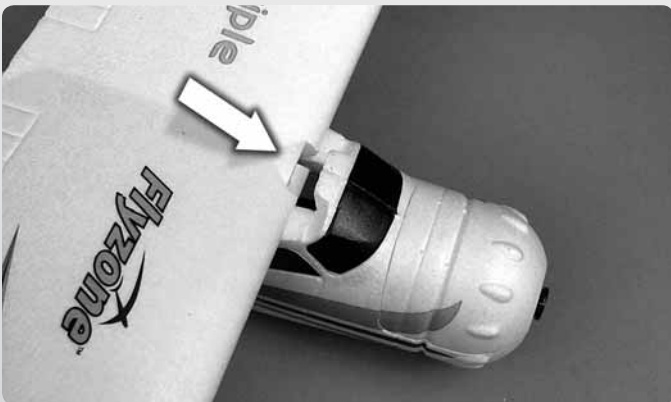


Principle Instruction Manual

BATTERY HATCH REMOVAL



WING INSTALLATION



REQUIRED

- AirCore Power Core (FLZA6400)
- AirCore Battery (FLZA6401)
- SLT Compatible Radio System
- AirCore 2S LiPo AC/DC Charger (FLZA6411)

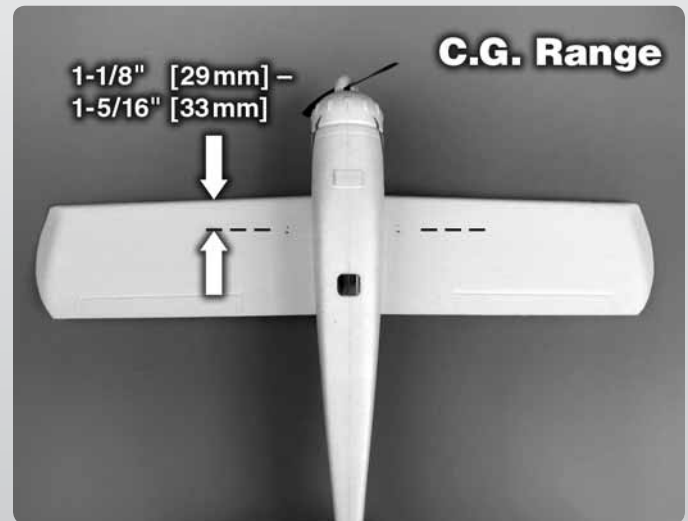
FLIGHT SETUP

Because transmitters other than the Tactic transmitters may be used, the following information is included to properly set the throws and C.G. (center-of-gravity) on the AirCore Principle.

The measurements are taken at the widest part of the control surface.

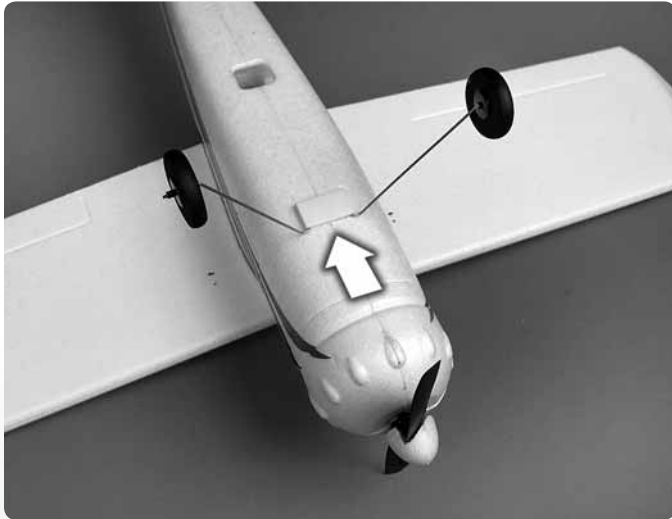
Rudder Throw 1/4 in [6 mm] 24 deg. Left and Right

Elevator Throw 9/32 in [7 mm] 15 deg. Up and Down



CG Location on the Wing 1-1/8" [29mm] – 1-5/16" [33mm] from the leading edge, on the bottom of the wing.

OPTIONAL INSTALLATION OF THE LANDING GEAR



RANGE CHECK

With the transmitter switched on and the battery plugged into the AirCore Module, walk 50' [15 m] from the aircraft and check the control functions for proper and smooth operation.

FLYING THE AIRCORE AIRPLANES

Take off (or hand launch) directly into the wind.

Hand launch with throttle set at ½ power, wings level and with a slight toss (it is not necessary to aggressively throw this model to hand launch it).

Once in the air, gain altitude to allow yourself sufficient reaction time to make a correction during flight. The AirCore Principle flies well at half throttle.

Once you're comfortable, adjust the elevator and rudder trims one click at a time so that the AirCore Principle flies straight and level with the control sticks centered. The airplane requires only small amounts of control stick movement to fly smoothly.

It's recommended that you attempt to land before the motor loses power and doesn't have enough voltage to maintain altitude. If you have a timer on your transmitter, set it for 4-minutes for the first couple of flights. Then, gradually increase the flight time to fit your flying style. Allow at least an extra 1-minute of flight time to allow for a second attempt at landing.

If possible, always land directly into the wind.

Gradually reduce power when you are close to the landing spot. When close to the ground and about to touch down, pull the elevator stick back slightly to raise the nose of the model and slow the landing speed to "flair" for landing.

Unplug and remove the battery from the model and switch off the transmitter. Allow the motor to cool between flights.

REPAIRS

Repairs can be made to the AirCore Principle by using the following items:

- Formula '560' Canopy Glue (highly recommended) (PAAR3300)
- Thick Foam Safe CA (for quick field repairs) (GPMP6072)
- Foam safe CA accelerator (GPMP6035)
- Two sets of needle nose pliers or hemostats (HCAR0625)
- Hobby Knife (#11 blade) (RMXR6900)
- Electric Flyer Hinge Tape (DUBQ0916)

REPLACEMENT PARTS

To order replacement parts for the AirCore Principle, use the order numbers in the list below. Replacement parts are available only as listed. Replacement parts are not available from Product Support, but can be purchased from hobby shops or mail order/Internet order firms. If you need assistance locating a dealer to purchase parts from, contact:

Product Support Phone: 217-398-0007
Fax: 217-398-7721

E-mail: productsupport@hobbico.com

Stock No. Description

- FLZA6403 AirCore Principle Spinner
- FLZA6412 AirCore Principle Fuselage
- FLZA6416 AirCore Principle Wing
- FLZA6420 AirCore Principle Hatch
- FLZA6424 AirCore Principle Landing Gear
- FLZA6427 AirCore Airframe Push Rod Set
- FLZA6428 AirCore Hardware Set