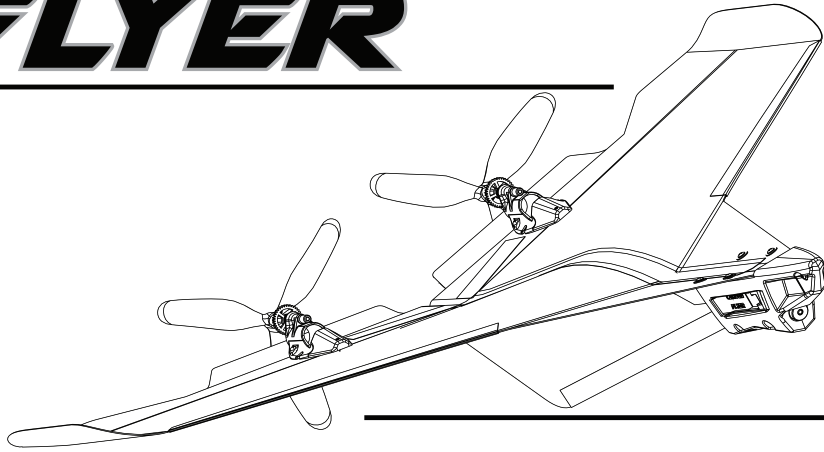


CARBON FLYER

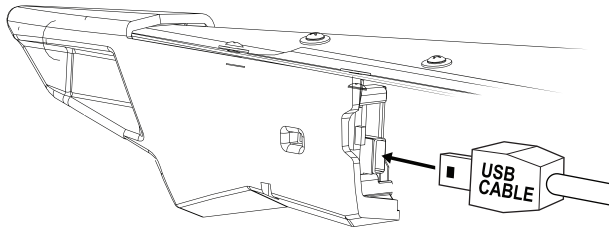
OPERATION INSTRUCTIONS



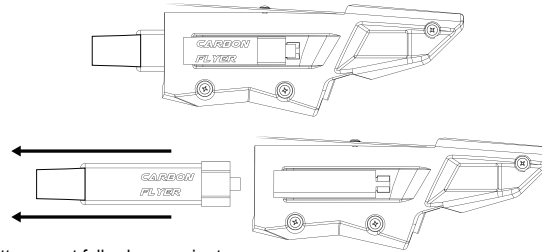
WHAT'S IN THE BOX:

- Carbon Flyer
- Display Stand
- Battery (installed)
- SD Card (installed)
- USB Cable
- Carefully remove all parts from package -

- 1.** Insert charge cable into micro USB port to charge battery (flashing green light indicates charging).



- 2.** If using external battery charger and spare batteries, remove battery by pulling yellow tab. Replace with charged battery by sliding forward with flat side against plane.



*Battery must fully charge prior to use.

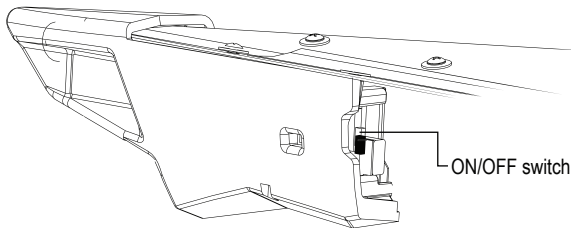
- 3.** Download the free app to your phone.



Download on the
App Store

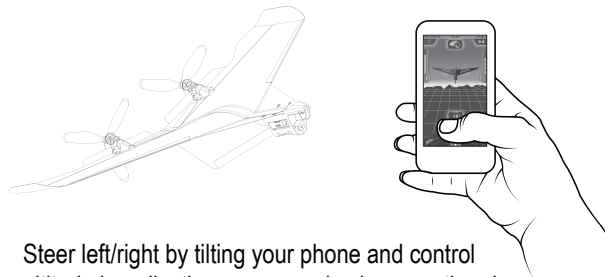
Get it on
Google play

- 4.** Turn power switch ON (up) to power up your Carbon Flyer. After use, turn off.



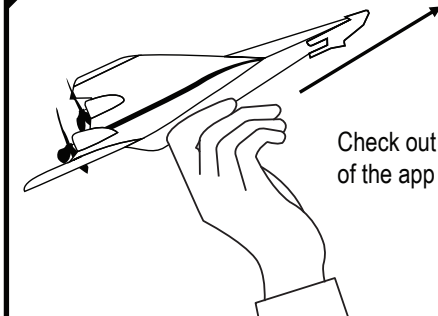
Green LED will momentarily illuminate when powered on. Activate app to link Bluetooth.

- 5.** While Carbon Flyer is linked to your device, green LED will remain illuminated.



Steer left/right by tilting your phone and control altitude by adjusting your speed using your thumb.

- 6.** Always launch the plane upwards at full throttle. Release with both fingers simultaneously.



Check out the Tutorial section of the app for flying tips.

For more information on set-up and flying tips visit our website at www.carbonflyer.com



WARNING

Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and injury. This product is not intended for use by children without direct adult supervision.

Age Recommendation: Not for children under 14 years. This is not a toy.

- Always operate in a large open space away from vehicles, traffic and people. Avoid flying near buildings, trees or other obstacles. This model is controlled by a radio signal subject to interference by sources outside your control.
- Always carefully follow the directions and warnings for this product including use of chargers, rechargeable battery packs, etc.
- Always avoid water exposure. Moisture can cause damage to electronics

- Always keep this aircraft in sight and under control
- Never touch moving parts
- Always keep moving parts clean and dry
- Always use fully charged batteries
- Always remove batteries after use

APP HOME SCREEN

CAMERA
BUTTON

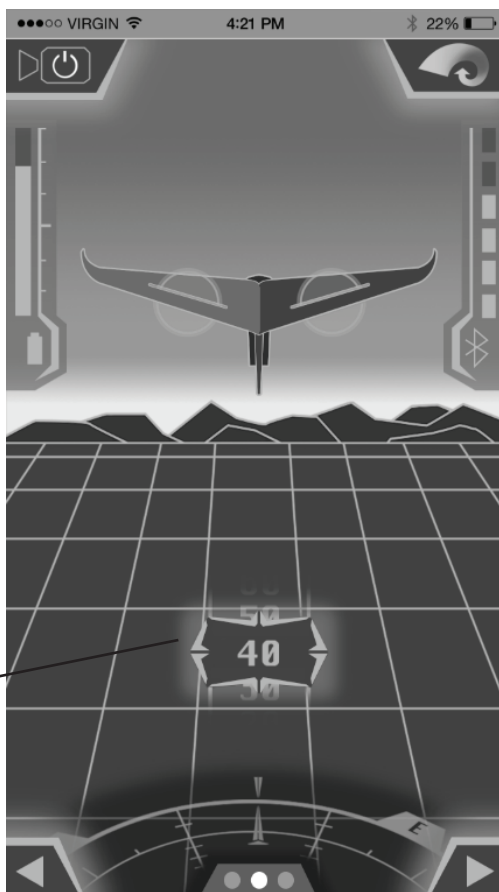
STUNT
BUTTON

BATTERY
LIFE

SIGNAL
STRENGTH

THROTTLE

TUTORIALS
ARROW



USING THE APP

Download the Carbon Flyer App from iTunes or Google Play on your device. The App needs to pair with a powered up Carbon Flyer in order to open. (Each Carbon Flyer can link to a single phone so multiple users can fly multiple Carbon Flyers together). The APP will open up to the Home Screen. The home screen features the throttle control for the motors, the camera button, the stunt button, the menu screen arrow, and tutorial screen arrow.



CAUTION

Always keep hands and fingers away from propellers. The motors will turn the propellers in response to any throttle adjustment.

The left screen arrow brings up the trim screen. If your Carbon Flyer favors turning in one direction, go to the trim screen to adjust trim left or right. This screen also features Easy, Advanced and Expert sensitivity settings. The Easy setting is for beginners and causes the Carbon Flyer to make wider more gradual turns. The Expert setting makes tighter turns. This screen also features the setting for the roll direction of the Stunt Button.

FLYING TIPS

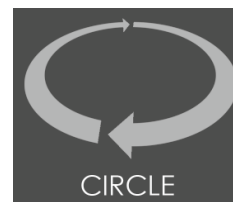
Only fly on calm days. The Carbon Flyer is a very light aircraft and does not fly well in windy conditions (over 6 MPH).

If there is a breeze launch into the wind at full power. After 20 feet of altitude reduce to 65% - 75% power for sustained level flight.

Avoid flying too high or far away. Carbon Flyer has an approximate signal range of 240 feet (73 meters) in most areas. If connection is lost the Carbon Flyer will glide down for a soft landing. When connection is re-established, the app throttle will be reset to zero.

Launching the Carbon Flyer is like throwing a dart in slow motion. Toss it forward smoothly at an upward angle releasing the thumb and index finger simultaneously. Dragging a finger or twisting the wrist during launch can cause the plane to crash.

For best results keep the Carbon Flyer in range by using these basic flight paths:



CIRCLE



S-PATH

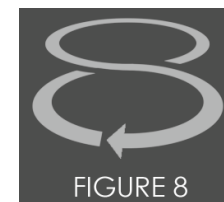


FIGURE 8

For detailed information and video links visit our website at www.carbonflyer.com

VIDEO CAMERA

To capture flight video, press the video icon in the App after launching the Carbon Flyer with a freshly charged battery.

Note that recording begins approximately 7 seconds after activation.

Press the video icon a second time to power down the camera and store the video. The camera will record up to 2 minutes per video. The provided 4GB micro SD card will hold up to 20 minutes of video for HD camera equipped Carbon Flyers and 1 hour of video for Standard Definition cameras. The camera works best with a fully charged battery. Recording video on the first flight after charging is recommended. Using the camera will slightly shorten flight times.

To retrieve videos, connect the carbon flyer to a computer via the USB cable. Power up both the Carbon Flyer and the App then activate the camera using the App. The micro SD card files will open on your computer. Alternatively the micro SD card can be removed and read directly using a card reader (not included).

BATTERY CHARGING

Warning: Never charge batteries unattended. To charge your Carbon Flyer's battery using the USB cable, connect the cable to your Carbon Flyer and a standard USB port. Turn on the Carbon Flyer. The Green LED should flash continuously. You can check the battery level before flying by turning on the APP. When not charging, the battery indicator in the APP will show current battery level.

BATTERY CARE

When a Li-Po battery cell is discharged below 3V it will not hold a charge. Always disconnect and remove the Li-Po battery from the aircraft after each flight. Charge your Li-Po battery to about 50% capacity before storage. Make sure the battery charge does not fall below 3V.

STUNT BUTTON

The Stunt Button on the top right of the home screen causes the Carbon Flyer to execute a single roll maneuver in the direction preselected on the trim screen. This maneuver will cause a drop in altitude so make sure the Carbon Flyer is high enough before activating this feature.

TROUBLESHOOTING AND REPAIRS

For troubleshooting or additional information go to www.carbonflyer.com

Carbon Flyer's revolutionary carbon fiber construction makes it much more durable than a typical foam airplane, however it can still be damaged. Being stepped on, exposed to moisture or crashing into uneven surfaces like chain link fences are just a few examples of things that can damage the Carbon Flyer. The best way to repair a tear in the carbon fiber is normal super glue (Cyanoacrylate or CA). In most cases CA will make a permanent functional repair to the carbon fiber structure. For replacement parts and other information go to www.carbonflyer.com

LIMITED WARRANTY

Carbon Flyer LLC warrants to the original purchaser that the purchased product will be free from defects in materials and workmanship at the date of purchase. This warranty is not transferable and does not cover (i) cosmetic damage, (ii) damage due to accident, misuse, abuse, negligence, commercial use or due to improper use, operation or maintenance, (iii) modification of or to any product part.

OTHER THAN ABOVE WARRANTY, CARBON FLYER MAKES NO OTHER WARRANTY OR REPRESENTATION AND DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC CAUTION

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

MATERIAL SAFETY DATA SHEET

Report No.	CORUN-MSDS-FB1106(REV A)
Samples	Lithium-ion Polymer Batteries (Rechargeable)
Models	FB551136XL-150mAh (150mAh 3.7V 0.56Wh)
Applicant	Yiyang Corun Battery Co., Ltd
Address	168 High-Tech Road, High-Tech Zone, Yiyang City, Hunan Province,413000 China
Manufacturer	Yiyang Corun Battery Co., Ltd
Address	168 High-Tech Road, High-Tech Zone, Yiyang City, Hunan Province,413000 China
Date of Issue	January 05,2015

Section 1-Chemical Product & Company Identification

Product Name	Lithium-ion Polymer Batteries (Rechargeable)
Manufacturer	Yiyang Corun Battery Co., Ltd
Address	168 High-Tech Road, High-Tech Zone, Yiyang City, Hunan Province,413000 China
Emergency Telephone No.	+86-737-6202980
Telephone No. for Information	+86-737-6202980
Fax	+86-737-6202919
E-mail	wxb@corun.com

Section 2-Composition/Information on ingredients

Chemical Composition	Molecular Formula	CAS No.	Weight (%)
Graphite		7785-42-5	24%
Lithium Cobalt Oxide		12190-79-3	36%
Aluminum Foil		7429-90-5	3%
PVDF (Polyvinylidene Fluoride)		24937-79-9	2%
Copper Foil		7440-50-8	6%
Electrolyte	DMC	616-38-6	3%
	PC	108-32-7	1%
	EC	96-49-1	3%
	EMC	623-53-0	3%
	LiPF6	21324-40-3	7%
Separator	PE	9002-88-4	3%
	Conductive Carbon	7440-44-0	3%
Aluminum Packing Foil	Nylon	32131-17-2	0.50%
	Al	7429-90-5	2%
	PP	9003-07-0	0.50%
Al Tab	7429-90-5	7429-90-5	0.90%
	9003-07-0	25038-54-4	0.10%
Ni Tab	Ni	7440-02-0	1.90%
	PP	9003-07-0	0.10%

Section 3-Emergency and First Aid Procedures

Inhalation	Not a health hazard
Eye Contact	Not a health hazard
Skin Contact	Not a health hazard
Ingestion	If swallowed, obtain medical attention immediately.

<CAUTION>

IF EXPOSURE TO INTERNAL MATERIALS WITHIN CELL DUE TO DAMAGED OUTER AI CASING, THE FOLLOWING ACTIONS ARE RECOMMENDED:

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration preferably mouth-to-mouth and seek medical attention.
Eye & Skin Contact	In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes; seek medical attention.
Ingestion	Drink milk/water and induce vomiting; seek medical attention.

Section 4-Fire Fighting Measures

General Hazard	Cell is not flammable but internal organic material will burn if the cell is incinerated. Combustion products include, but are not limited to hydrogen fluoride carbon monoxide and carbon dioxide.
Extinguishing Media	Use extinguishing media. Suitable for the materials that are burning.
Special Firefighting Instructions	If possible, remove cell(s) from the firefighting area. If heated above 130°C, cell(s) may explode/swell or leak.
Firefighting Equipment	Use NISH/MSHA approved full-face self-contained breathing apparatus (SCBA) with full protective gear.

Section 5-Accidental Release Measures

On Land	Place material into suitable containers. Dispose of waste according to local and Federal laws and regulations.
In Water	If possible, remove from water. Dispose of water according to local and Federal laws and regulations.

Section 6-Handling and Storage

Handling	No special protective clothing required for handling individual cells.
Storage	Keep away from heat and open flame. Store in cool and dry place.

Section 7-Personal Protection

Respirator	Not required during normal operation. SCBA required in event of fire.
Eye/Face Protection	Not required beyond safety practices of employer
Foot Protection	Steel toed shoes recommended for large container handling.
Gloves	Not required for handling of cells.

Section 8-Physical/Chemical Characteristics

Appearance	Solid
Odor	N/A
Vapor Pressure (mmHg)	N/A
Vapor Density (air=1)	N/A
Boiling Point	N/A
Solubility in Water	Insoluble
Specific Gravity	N/A
Density	N/A

Section 9-Exposure Controls, Personal Protection

Respiratory Protection	In case of battery venting, provide as much ventilation as possible. Avoid confined areas with venting batteries. Respiratory Protection is not necessary under conditions of normal use.
Ventilation	Not necessary under conditions of normal use.
Protective Gloves	Not necessary under conditions of normal use.
Other Protective Clothing of Equipment	Not necessary under conditions of normal use. Personal Protection is recommended for venting batteries: Respiratory Protection, Protective Gloves, Protective Clothing and safety glasses with side shields.

Section 10-Reactivity and Stability Data

Reactivity	None during normal operating or handling conditions.
Hazardous Decomposition	None during normal operating conditions. If cells leaked, hydrogen fluoride, carbon monoxide and carbon dioxide may be released.
Incompatibilities	None during normal operation. Avoid exposure to heat, open flame and corrosives.
Conditions to Avoid	Do not short terminals and immerse in water or pour. Do not heat or throw in fire and solder. Do not attempt to crush or drop. Do not put in microwave oven, oven or pressure container. Do not attempt to modify.

Section 11-Toxicological Information

This product does not elicit toxicological properties during routine handling and use.

Sensitization	No
Teratogenicity	No
Reproductive Toxicity	No
Acute Toxicity	No

If the cells are leaked through misuse or damage, discard immediately. Internal components of cell are irritants and sensitizers.

Section 12-Ecological Information

Some materials within the cell are bio-accumulative. Under normal conditions, these materials are contained and pose no risk to persons or the surrounding environment.

Section 13-Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

If batteries are still fully charged or only partially discharged, they can be considered a reactive hazardous waste because of significant amount of not creation, or unconsumed lithium remaining in the spent battery. The batteries must be neutralized through an approved secondary treatment facility prior to disposal as a hazardous waste. Recycling of battery can be done in authorized facility, through licensed waste carrier.

Section 14-Transport Information

Lithium-ion that is compliant with UN38.3 Test Requirements and this consignment is classified as not restricted cargo and compliant with packing instruction PI965-Section II of IATA DGR 56th edition, and can be ship for air transportation in any nature. The maximum lithium equivalent of each Lithium-ion Polymer in this shipment is less than 100Wh. The Lithium-ion Polymer battery does not contain any recall or detective batteries and packed individually in proper pattern that is effective to prevent short circuit, accidental activation and is be packed in strong outer packing constructed of suitable material adequate strength together with proper "Lithium cells/ batteries handling" label . Lithium-ion Polymer content in Gram (g) AND the less than 5kg gross per package is passed UN3480 (PI967). If Lithium-ion Polymer battery is used to construct battery packs, the assembler of that pack is responsible to ensure the battery has been tested in accordance with the requirement contained in the UN Manual of Test and Criteria and shipped in accordance with applicable regulations. Batteries must be packaged and offered for transportation in a manner that prevents the dangerous evolution of heat (for example, by the effective insulation of ex posed terminals) and protects against short circuits.

Transport Fashion: By air, by sea, by railway, by road.

Section 15-Law Information

Law Information

«Dangerous Goods Regulation»
«Recommendations on the Transport of Dangerous Goods Model Regulations»
«International Maritime Dangerous Goods»
«Technical Instructions for the Safe Transport of Dangerous Goods»
«Classification and code of dangerous goods»
«Occupational Safety and Health Act» (OSHA)
«Toxic Substances Control Act» (TSCA)
«Consumer Product Safety Act» (CPSA)
«Federal Environmental Pollution Control Act» (FEPCA)
«The Oil Pollution Act» (OPA)
«Superfund Amendments and Reauthorization Act Title III (302/311/312/313)» (SARA)
«Resource Conservation and Recovery Act» (RCRA)
«Safety Drinking Water Act» (CWA)
«California Proposition 65»
«Code of Federal Regulations» (CFR)

In accordance with all Federal, State and Local laws. The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.