

CCFLYER[®]



Flight Manual



www.megatech.com

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If you have questions about operating or assembling your new Megatech product... Please Call Megatech First!

DO NOT RETURN THIS PRODUCT TO THE STORE

Call our Customer Service Department at:

(888) MEGA-911 or send an e-mail to:

info@megatech.com

10:00am - 4:00pm, EST Monday through Friday (except holidays)

Technical assistance is also available on-line at www.megatech.com or by e-mail to questions@megatech.com

Congratulations! You have just purchased one of the EASIEST to fly planes in the world! Learning to fly has never been so fun! Get ready to launch into gravity-defying action with Megatech's CC Flyer! Climb to heights up to 500 feet... no experience needed! CC Flyer's clever design and easy-to-use controller make it simple to go from beginner to expert in minutes!

READ ENTIRE MANUAL FIRST BEFORE ATTEMPTING TO FLY

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Important! Before you begin, please read all safety precautions and warnings. Failure to comply with any of the following could lead to bodily harm or injury. The Megatech CC Flyer is not intended for those under 12 years of age without proper adult supervision.

SAFETY PRECAUTIONS

TRANSMITTER SAFETY

This device complies with part 15 of FCC rules.

Operation 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.

SAFETY GUIDELINES

- Before you begin to fly, look at the frequency sticker on the back of your transmitter & make sure no one in the area is on the same frequency.
- You alone are responsible for operating your model in a safe manner. When flying, you are responsible for your own safety and the safety of others around you. Follow these basic safety guidelines at all times.
- When operating always be aware of the spinning propeller. Be careful not to let it come close to your person, others and/or loose clothing.
- Always fly your airplane in a wide-open area, at least the size of a soccer field. Make sure that the area is free from obstructions such as buildings, electric power lines, trees, roads, other people and vehicles. Do not fly around people who are unaware that you are flying a model airplane, and never fly over people's heads.
- Do not attempt to disassemble any of the model's components or allow them to get wet. Electrical damage may occur.
- Never fly your model from roadways or after dark.
- Keep spectators behind you when flying.
- Before flying, make sure you perform a range check to be sure you can maintain control at least 25-feet from transmitter to model with the transmitter antenna extended.
- Since your model is controlled by a radio link it is very important to always keep a fresh alkaline battery in the transmitter.
- Never use solvents or liquid cleaners to clean this model. Doing so may damage the unit or electronics. Only use a dry, soft cloth for cleaning.

RECHARGEABLE BATTERY WARNINGS AND PRECAUTIONS

- ALLOW BATTERY TO COOL COMPLETELY BEFORE ATTEMPTING TO CHARGE
- Only use the included charging cable or charger that is approved for use with this battery.
- Never leave battery unattended while charging.
- Never attempt to charge a battery that appears damaged.
- Never charge longer than 10 minutes.
- Place a charging battery on a flame & heat resistant material such as an oven mitt.



Nickel-metal hydride batteries must be disposed of properly. For current regulations in your area and proper disposal sites please call 1-800-822-8837 or visit www.rbrc.org

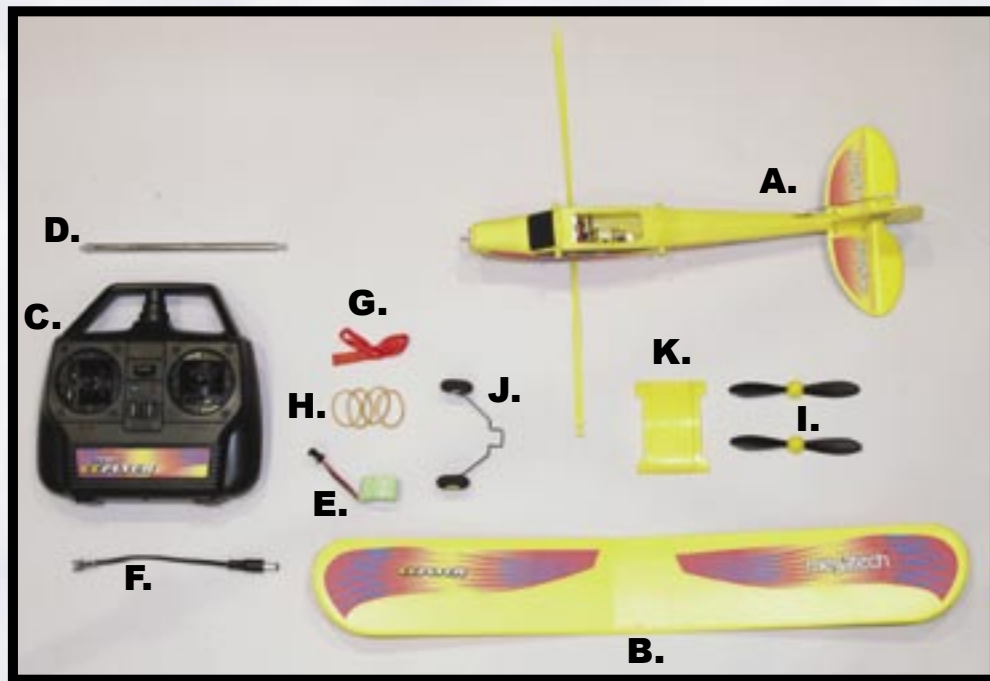
PACKAGE CONTENTS

Before getting started you will need:

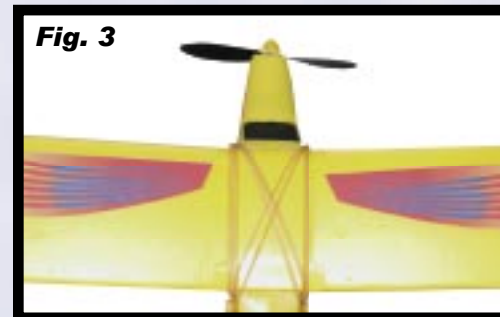
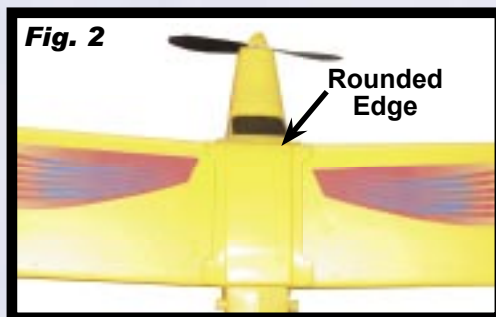
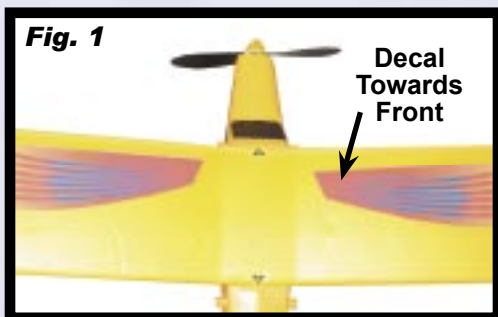
8 'AA' Alkaline batteries (sold separately)

First make sure the contents of your package are complete:

- A. Fuselage
- B. Main Wing
- C. Transmitter
- D. Transmitter Antenna
- E. Battery Flight Pack
- F. Charging Cord
- G. Wind Detection Ribbon
- H. Wing Bands
- I. Propeller & Spare
- J. Landing Gear
- K. Center Wing Support

**ASSEMBLY****ATTACHING THE WINGS**

- 1) Place the Main Wing onto the fuselage with wingtips angled upwards.
- 2) Line up the arrows on the center of the wing so they are pointing to the seam on the fuselage (Fig. 1). Snap down into place.
- 3) Place the Center Wing Support directly over the center of the wing. Make sure the rounded edge is towards the front of the plane and gently snap down into place. (Fig. 2)
- 4) Connect the Wing Bands to the posts on the fuselage and wrap them across the wing first in an "X" pattern and then a "II" pattern (Fig. 3).



ATTACHING THE PROPELLER

1) Push propeller onto fuselage prop shaft

IMPORTANT: Make sure there is approx 1/8in. between the propeller and the fuselage. The propeller should not be touching the screws on the front of the fuselage.



ATTACHING LANDING GEAR

- Squeeze wheels together
- Continue holding wheels together and insert landing gear into slot on bottom of fuselage behind the battery hatch
- Release the wheels and gently spread apart



PREPARING TRANSMITTER

Transmitter requires 8 'AA' Alkaline batteries (*sold separately*)

- Remove the battery compartment cover located on the back of the transmitter by sliding it down.
- Insert 8 "AA" Alkaline batteries. Be sure to match the '+' and '-' polarity symbols in the transmitter with each battery.
- Replace battery hatch cover.
- Locate transmitter antenna, insert and screw into the top of the transmitter.
DO NOT over tighten!
- Turn the transmitter 'Power' switch to 'ON' position. The red and green LED lights will illuminate.

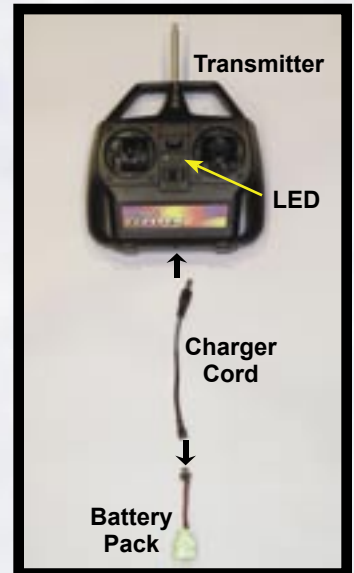
NOTE: If the LED does NOT illuminate, do NOT attempt to fly your CC Flyer. Make sure you are using all fresh alkaline batteries and check the batteries for correct polarity placement. If LED still fails, contact Megatech at 1-888-634-2911.



CHARGING ONBOARD BATTERY PACK

MAKE SURE BATTERY IS COMPLETELY COOL BEFORE ATTEMPTING TO CHARGE. FAILURE TO DO SO WILL CAUSE PERMANENT DAMAGE TO THE BATTERY AND POSSIBLE BODILY HARM

- 1) Remove battery from airplane. (Do NOT leave battery inside airplane while charging)
- 2) Make sure transmitter is switched to 'OFF'.
- 3) Plug the charging cord into the transmitter
- 4) Red LED will illuminate indicating the battery is being charged. LED will turn off in approximately 10 minutes indicating charging is complete.
- 5) Always monitor the charging process. When the battery becomes warm to the touch it is completely charged.



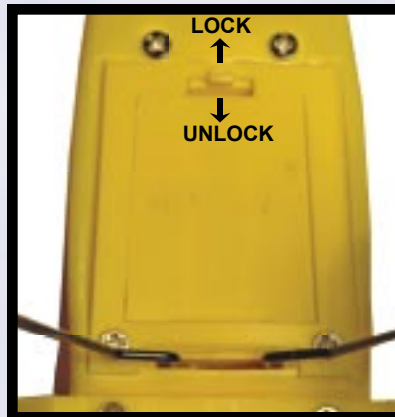
IMPORTANT: If battery does NOT become warm after the 10 minute charge cycle, replace the 'AA' alkaline batteries in your transmitter and try charging again.

CAUTION!!

DO NOT CHARGE BATTERY MORE THAN 10 MINUTES. CHARGING LONGER MAY DAMAGE THE BATTERY AND REDUCE PERFORMANCE.

INSTALLING THE FLIGHT PACK INTO THE FUSELAGE

- Unlock and remove the battery hatch on the bottom of the fuselage.
- Leave all foam pieces inside of the fuselage to ensure proper placement of the flight pack.
- Attach the battery connector to the connector inside the fuselage
- Place battery into fuselage with the wide section of the battery going first
- Attach battery hatch and switch to the 'Lock' position.



NOTE: If you do not put the hatch in the 'lock' position it will fall off during flight.

CYCLING BATTERY PACK

For peak performance and optimum flight duration, it is important to cycle the rechargeable flight battery pack 3 times before flying.

- 1) Charge the battery pack according to manual
- 2) Make sure airplane & transmitter are switch to 'OFF' & connect battery to airplane.

- 3) Securely hold the airplane's fuselage underneath the wings with the nose facing away from you. Be sure it is as far away as possible from your person and any loose clothing or jewelry.
- 4) Turn the transmitter to the 'ON' position.
- 5) Switch the plane to the 'ON' position.
- 6) Push the left hand stick of the transmitter (the throttle stick) completely forward until the battery runs out
- 7) Allow battery to cool COMPLETELY
- 8) Recharge the battery and repeat process 2 more times

PRE-FLIGHT CHECK

Important Tip: Always perform the motor-check and radio-range check with the help of a friend or parent. Doing so alone may cause the model to get away from you and cause damage.

RADIO RANGE CHECK

- 1) Make sure both the airplane and transmitter are in the 'OFF' position and plug a charged battery into the airplane battery hatch.
- 2) Turn the switch on transmitter to the 'ON' position & extend the antenna fully
- 3) Switch the power switch on the airplane to the 'ON' position.

Note: The transmitter is always the first thing on, and the last thing off.

- 4) Have a friend/parent hold the airplane's fuselage under the wings with the nose pointing away from him/her and away from their person and loose clothing.
- 5) Walk 25-ft away from airplane.

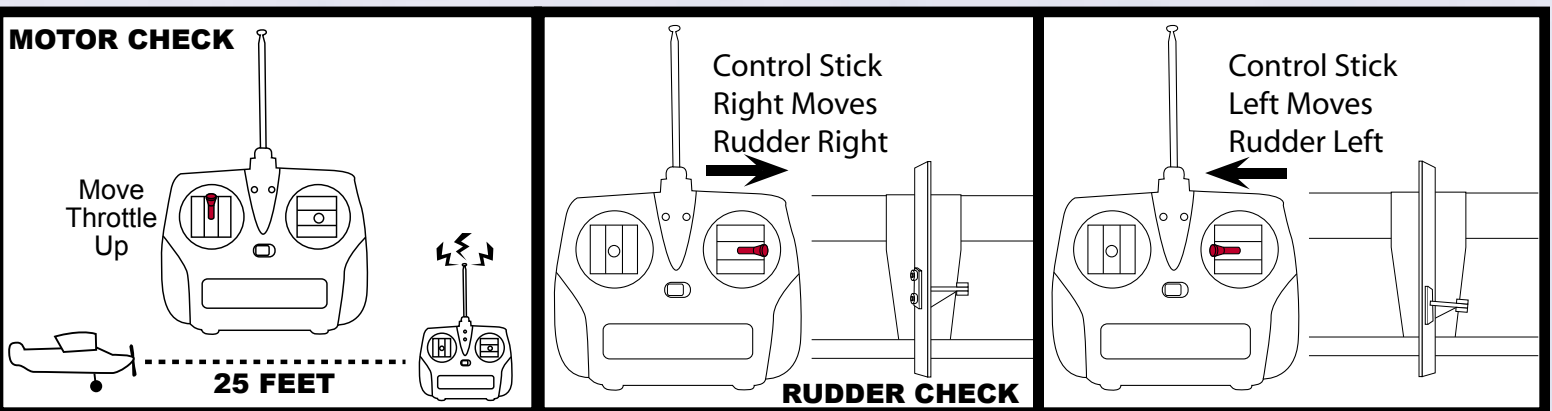
MOTOR CHECK

- Move the left-hand stick forward—the motor should run.
- Release the left-hand stick—the motor should stop.

RUDDER CONTROL CHECK

- Move the right-hand stick to the right—the rudder should move to the right
- Move the right-stick to the left—the rudder should move to the left.

**If your airplane does not respond from 25 feet away do NOT attempt to fly.
Contact Megatech at 1-888-634-2911 for further assistance**



If you are under the age of 12, be sure to fly with adult supervision.

1) Choose a Flying Site & Weather Conditions

- Choose a wide open area to fly in such as a football or baseball field. Do not fly in a street or parking lot.
- Never fly near cars, people, pets, power lines, trees, houses, buildings or water.
- Be sure to keep your hands, eyes and face away from propeller.
- Choose a day with little or no wind. Do not fly in wind greater than 5mph.
- Humidity and temperature must be comfortable (around 55F-85F degrees) so that the air is fairly dense.
- Your altitude should be less than 2,000-feet above sea level.

WIND
0-5 MPH

TEMP
55°F to 85°F

2) Pre-Flight Checklist (Perform in order listed)

- Fully extend transmitter antenna
- Install fully charged battery pack into fuselage
- Turn transmitter 'ON'
- Switch airplane 'ON'

REMEMBER: Your transmitter is always the first thing on and the last thing off.

- Holding the plane away from you, move the right transmitter stick to ensure that the rudder moves left and right accordingly.

3) Launching Airplane

- First attach the Wind Indicator Ribbon to the end of your transmitter antenna to determine the direction the wind is blowing.
- Always launch your airplane INTO the wind, so begin with the wind blowing into your face.
- Hold plane's fuselage directly under the wings
- Start with plane above your shoulders.
- Push left hand control stick all the way forward
- Using the horizon as a 0-degree point of reference, take 5 steps & toss plane at a 5 degree upward angle into the wind. Use the same force it take to throw a dart at a dart board.
- Once you have let go of the plane continue to hold the left hand control stick up/forward.



DO NOT TOUCH THE RIGHT CONTROL STICK OR PLANE WILL CRASH. Allow the plane to reach sufficient altitude before attempting to turn (about 50 feet)

WRONG (indicated by a red dotted line)

CORRECT (indicated by a green dashed line)

WRONG (indicated by a red dotted line)

Use only throttle until reaching 50 ft.
Do not touch the right control stick!

4) Turning

- Once your airplane has reached 50 feet above the ground you are ready to begin turning. You want to keep the model within 100 feet of you at all times.

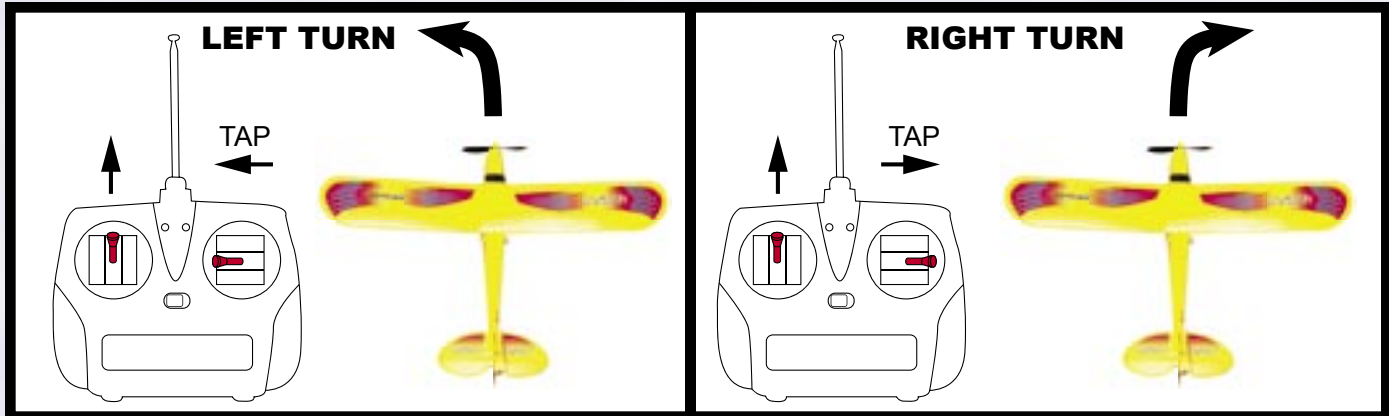
Beginners: Start with large oval circle patterns while learning.

Left Turn: Keep the throttle/left hand stick forward. Gently pulse/tap the right hand stick to the LEFT 1-2 times, allowing it to return to the center.

Right Turn: Keep the throttle/left hand stick forward. Gently pulse/tap the right hand stick to the RIGHT 1-2 times, allowing it to return to the center

WARNING: Holding right control stick to the right or left for more than 1-2 seconds at a time will cause the airplane to crash

- Flying toward you can be very tricky because the airplane will appear to be turning in the wrong direction. To regain orientation, imagine you are sitting in the pilot seat of the airplane.
- If the airplane gains too much altitude, try releasing the throttle and continue gliding and turning until you reach a more comfortable altitude.



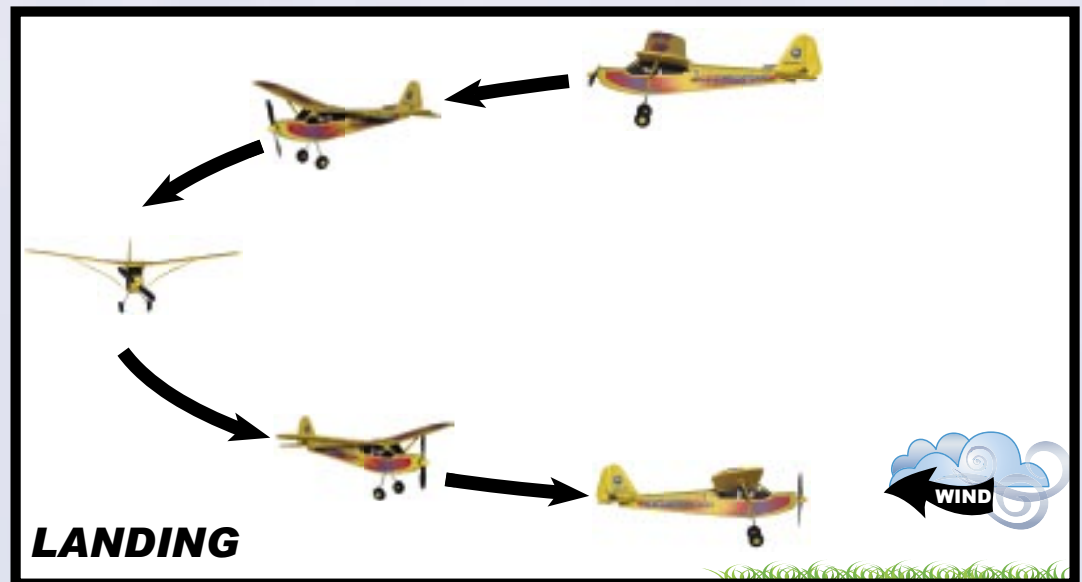
5) Landing

When you notice the nose of the airplane drop slightly or it is unable to climb, it is time to land. You will still have enough power over the controls to set the airplane up for a landing.

- Always land with the airplane nose going into the wind
- Set your plane up to face into the wind by making very gentle shallow turns.

- IMPORTANT: DO NOT ATTEMPT TO MAKE ANY TURNS WHEN THE PLANE IS UNDER 25 FEET FROM THE GROUND, THIS WILL RESULT IN A CRASH.**

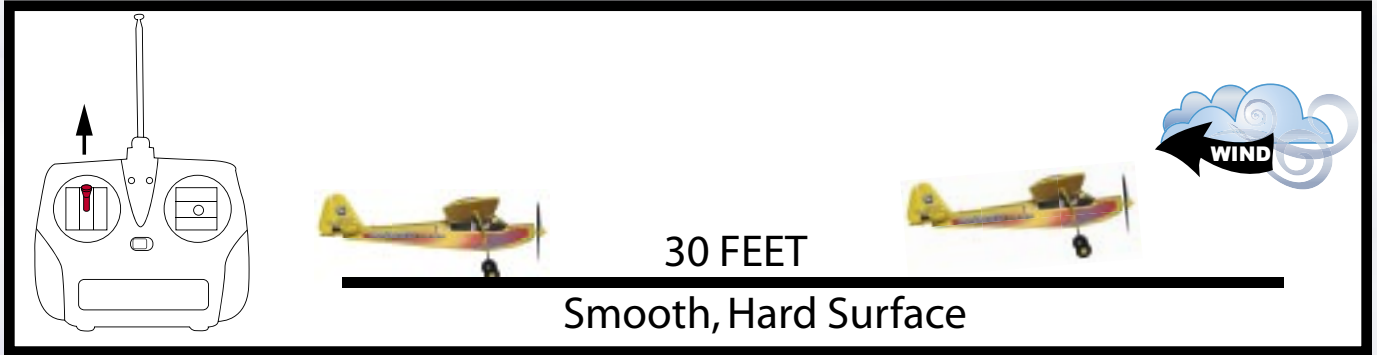
- Once you are on the final landing approach and your plane is facing into the wind, gently let the airplane glide to the ground on it's own. Only use minor controls to keep the wingtips level until the plane touches down.



6) Rise Off Ground (ROG)

For beginners we recommend hand launching your airplane until you become comfortable with flying. Once you become more advanced, your CC Flyer is capable of rising off the ground like a real airplane.

- First choose the proper take off strip. Make sure you have at least 30 feet of smooth hard surface to use as a runway.
- Place airplane facing into the wind
- Stand behind the airplane and push throttle/left hand stick all the way forward.
- Apply **ONLY** throttle until the airplane reaches an altitude of at least 50 ft.



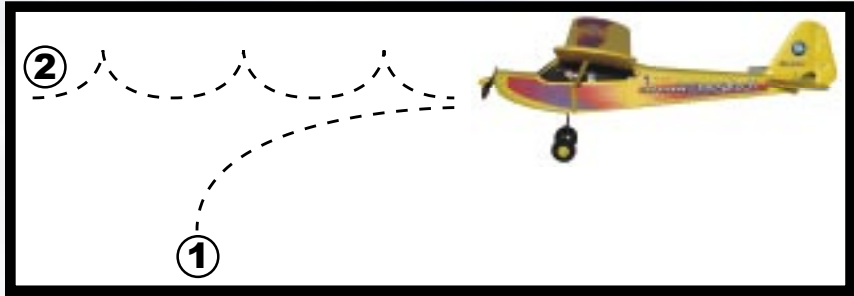
FLYING TIPS

- Always keep the plane in front of you. Do not fly your CC Flyer directly overhead, as it is easy to lose your sense of direction.
- Learn to fly oval circuits out in front of you in both directions while maintaining altitude—then, advance to figure-8s.
- As your flying skill improves, you will recognize air thermals (rising pockets of air) that will greatly increase your flight time
- Always use fresh alkaline batteries in your transmitter to ensure solid radio signal.
- After each flight, make sure the airplane is turned 'OFF' and examine for any trapped debris
- Wearing sunglasses will help you be able to locate the airplane at all times
- Make sure both LEDs on transmitter are illuminated. If Green LED is dim, change all 8 "AA" transmitter batteries before attempting to fly. If it becomes dim during flight, land as soon as possible to avoid losing control, then change all batteries in transmitter.
- The airplane's antenna appears as a wire hanging out of the fuselage. Do NOT trim the antenna. It is cut to a specific frequency length. To do so would drastically affect radio range.

If you are experiencing trouble, please follow these guidelines or call one of our MegaTechnicians at 1-888-634-2911. We will have you up and flying in no time!

Q1) Dive

- A1) Hand launch straight toward horizon
- A2) Wing not secured properly



Q2) Climb and stall

- A) Release throttle and let plane glide until the nose becomes parallel with the ground, then apply throttle again.

Q3) No power/short flight duration

- A) Cycle battery

Q4) Too much altitude

- A) release the left control stick and continue making turns until the CC Flyer glides to a more comfortable level.

Q5) Too low to ground

- A) Keep right hand stick in the center and add motor thrust by pushing the left control stick forward.

REPAIR, REPLACEMENT & SPARE PARTS LIST

- Fix and minor wing tears with clear packing tape
- Your CC Flyer comes with a replacement propeller. Remove the broken propeller and replace with the new one following the instructions on page 5 of this manual.

PART#	DESCRIPTION
MTC995001	VERTICAL & HORIZONTAL TAIL SET
MTC995002	PROPELLER SET (3PCS)
MTCSV-024	RUBBER WING BANDS
MTC995003	LANDING GEAR
MTC995004	MAIN WING SET (W/ STRUT, SUPPORT & SCREWS)
MTC995005	WING SUPPORT TUBES
MTC995008	BATTERY HATCH & MOUNT
MTC735001	TRANSMITTER ANTENNA
MTC735002	TRANSMITTER BATTERY HATCH
MTC3910	6V 5-CELL NIMH HIGH PERFORMANCE BATTERY PACK
MTC3850	CHARGING CABLE
MTC38040	DC QUICK CHARGER

WARRANTY

Megatech® Limited Warranty

Megatech® International guarantees this item to be free from defects for a period of 90 days from date of purchase. This warranty does not extend beyond the initial preflight testing. Carefully check parts and operation BEFORE your first flight. Damage incurred during flying, landing, crashing or modification is not covered under the warranty.

If you discover defects during the very first preflight testing (pg. 7 of this manual) during this 90 day period, please call our Support Team toll free at 1-888-634-2911 for Return Authorization. If in our opinion after inspecting the product, we determine it to be defective; we will repair or replace it at our discretion.

Contact the Megatech® International Service Department before returning any item that is defective according to the limitations listed above.

If you are issued return authorization and asked to send the item to our Service Department please follow these steps:

- Remove the battery pack from the airplane and the alkaline batteries from the transmitter.
- Pack the returned item(s) carefully and place in a sturdy shipping carton
- Return the product along with proof of purchase
- Include a letter describing the problem
- Include your address and telephone number

**Megatech International
ATTN: Service Department
8300 Tonnelle Avenue
North Bergen, NJ 07047
(201) 662-2800**

This warranty does not cover any damage caused by use, misuse, alteration, accident, or neglect, nor does it cover normal wear and tear of the product. Product returned to us which falls under this category will be submitted to our service department for repair. We reserve the right to charge any service and parts fees incurred when repairing the item.

Although this warranty does not cover and damage caused to the plane after the initial preflight testing, spare parts and service are available. Please see pg. 11 of this manual.

Under no circumstances will Megatech® International or any of its representatives be held liable for injury to persons or property damage resulting from assembly or use of the product. Megatech® is not liable if any outside radio frequencies interfere with the product's frequency causing loss of control. Megatech® International will not be held liable for any personal injury or property damage resulting from an out-of-control model caused by use or misuse of the product.

This warranty is void if the product in question has been altered or repaired by anyone other than Megatech International or an authorized agent.