

## ASSEMBLY OF YOUR ELECTRIC FREE-FLIGHT SWARM JR. AIRPLANE

**WARNING:** Read ALL instructions carefully! Improper use of this product may result in personal injury or damage to the public.

**⚠ WARNING:** CHOKING HAZARD. Small parts.  
Not for children less than 3 years.  
Recommended for ages 10 and up.  
Use with adult supervision.



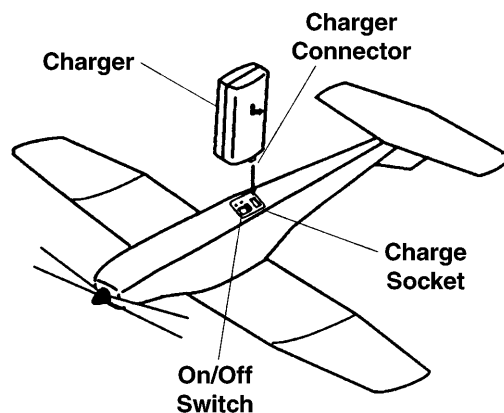
Swarm Jr. – HCAA0237

### Replacement Parts

HCAP9902 Charger  
HCAA3310 Complete Wing / Tail Assembly  
HCAQ3261 Landing Gear  
HCAQ3260 Propeller (2)

## CHARGING

1. Remove the back cover of the charger. Install 4 “AA” alkaline batteries according to the diagram in the charger. Put the cover back on the charger. **CAUTION: Do not** use rechargeable (nickel cadmium) batteries. **Do not** mix old and new batteries. **Do not** mix alkaline, standard (carbon zinc), or rechargeable (nickel cadmium) batteries.
2. Before charging your free-flight airplane, make sure the “on-off” switch is in the “off” position.
3. Insert the charger into the charge socket on the underside of the airplane. The charger will only fit one way so match the tab on the charger with the notch on the charge socket.



4. On the first charge, only charge the airplane for 15 seconds. For longer flights, you may increase the charge time up to 60 seconds.
5. Never charge the airplane for more than 60 seconds. If you do, you may overheat the batteries in the airplane or the charger and damage them.
6. When charging is complete, remove the charger from the airplane.

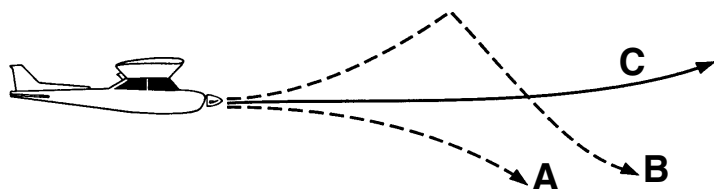
**Caution: Do not put fingers or objects close to or in the propeller when running.**

## WARRANTY

Hobbico, Inc. guarantees this kit to be free of defects in both material and workmanship at the date of purchase. This warranty does not cover any component part damaged by use or modification. In no case will Hobbico's liabilities exceed the original cost of the purchased kit. Further, Hobbico reserves the right to change or modify this warranty without notice. In that Hobbico has no control over the final assembly, no liability will be assumed nor accepted for any damage resulting from the use of the final user-assembled product. By the act of using the user-assembled product the user accepts all resulting liability. **If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to immediately return this kit in new and unused condition to the place of purchase.** Please inspect all parts carefully before starting assembly! If any parts are missing, broken or defective, or if you have any question about the assembly or flying of this airplane, please call us at (217) 398-8970 and we will be glad to help.

## TRIMMING YOUR ELECTRIC SWARM JR. (must be done before flying)

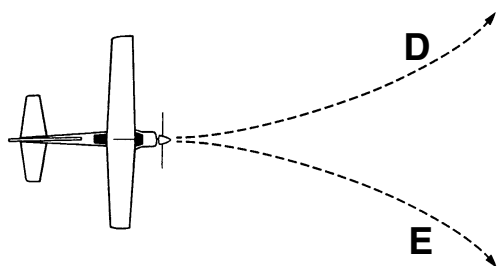
- Caution:** Always launch the airplane away from people and obstacles. It is important to adjust or "trim," your airplane before each flight. Select an open area to test your plane.
- With the motor off, grasp the airplane fuselage and gently toss the airplane into the wind. It should glide straight ahead and settle gently to the ground. See the diagram below. If your plane dives (A) or crashes (B) follow the steps below until you have a correct path (C).



**A** = Dive. Bend elevators upward slightly.

**B** = Stall and crash. Bend elevators down slightly.

**C** = Correct flight path.

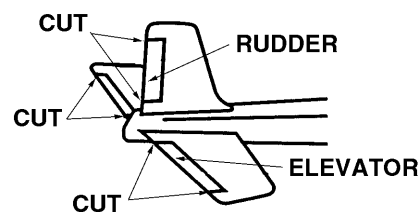


**D** = To turn left, bend the rudder slightly to the left.

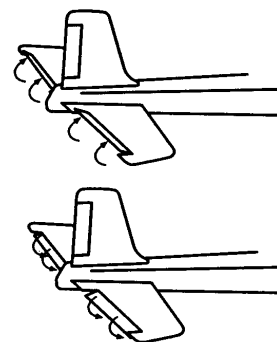
**E** = To turn right, bend the rudder slightly to the right.

- If needed, using a hobby knife, carefully cut **along the sides** of the elevator and top and bottom of the rudders. Repeat step 2 until proper flight is achieved.

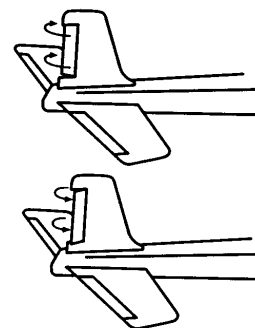
(Cut only if needed)



**Elevator Adjustment**  
(only if needed)



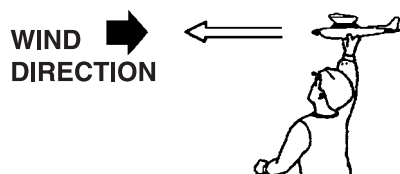
**Rudder Adjustment**  
(only if needed)



## FLYING YOUR ELECTRIC FREE-FLIGHT SWARM JR.

### SAFETY RULES

- Always launch the airplane away from people and obstacles
- Never point the airplane at anyone or anything
- Always launch skyward
- Do not launch indoors



- Choose an open field, free of trees, power lines and other obstacles. Hold the model in your hand

over your head and switch on the motor with your other hand. Toss the airplane into the wind, keeping the wing level.

- The airplane should climb gently and turn gradually. If it stalls and crashes, adjust the elevator. If it does not turn, bend the rudder slightly to the left or right. Refer to the "TRIMMING YOUR ELECTRIC SWARM JR." section for details.

### IMPORTANT THINGS TO REMEMBER WHEN YOU ARE FLYING YOUR FREE-FLIGHT SWARM JR.

The most important thing that determines how well your airplane flies is how well you have trimmed it.

Because it can fly high and far you must be in a large area away from houses, streets, trees and overhead wires.

Closely inspect your airplane after every flight. Make sure the wing is not broken and is securely attached

to the fuselage. Make sure the tail parts are not cracked or broken. See the repair section for details.

Always throw the electric free-flight airplane into the wind. Do not fly the airplane if it is too windy.

Never charge your batteries for more than 60 seconds. If you do, this may overheat the batteries in the airplane or your charger and damage them.

**REPAIR:** If the fuselage is cracked or damaged, apply white glue and cellophane tape and let it dry overnight.

**WARNING:** Do not use super glue. It will damage the foam. If the wing or tail becomes damaged, apply cellophane tape over the damaged area.

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