

# ASSEMBLY OF YOUR ELECTRIC FREE-FLIGHT SKY VOLT

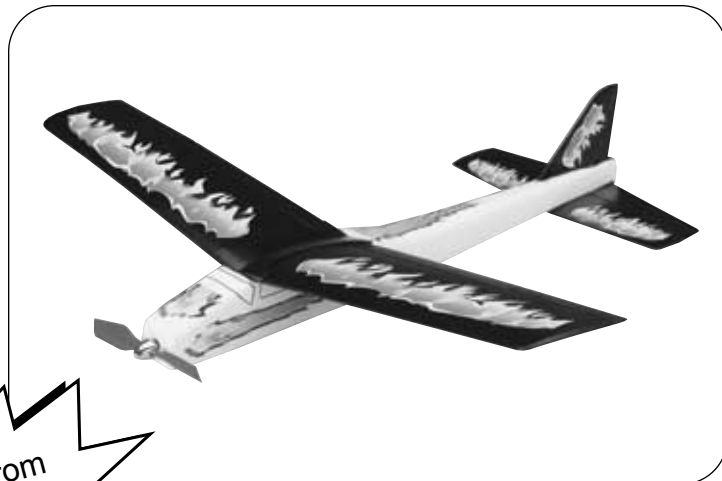
**WARNING:** Read ALL instructions carefully! Improper use of this product may result in personal injury or damage to the public.

## **⚠ WARNING**

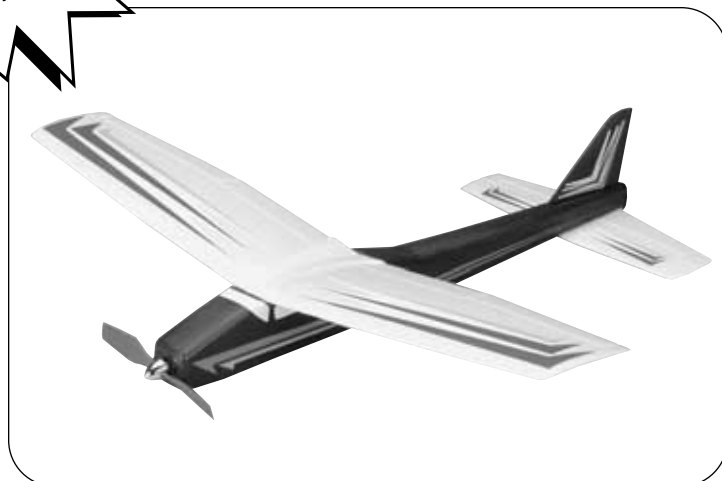
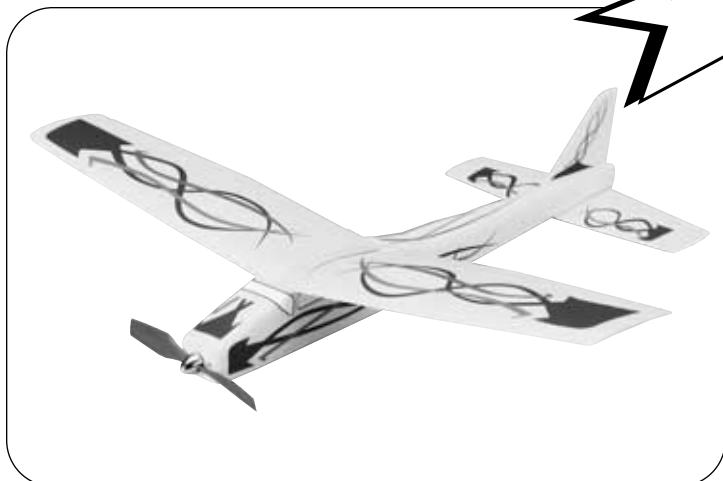
**CHOKING HAZARD.** Small parts. Not for children less than 3 years. Recommended for ages 8 and up. Use with adult supervision.

## Replacement Parts

HCAA3272 Wing / Tail Assembly  
HCAP9900 Charger  
HCAQ3050 Propeller (2)  
HCAQ3051 Landing Gear



Choose from four exciting trim schemes

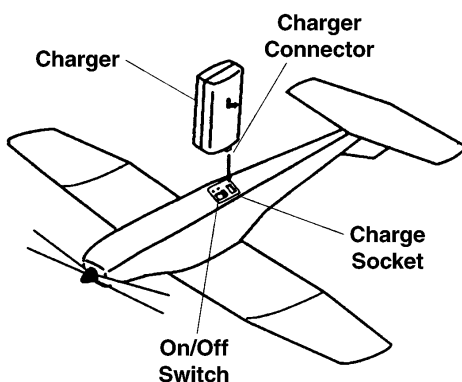


## CHARGING

1. Remove the back cover of the charger using a coin or household tool. Install 2 "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 Sky Volt, make sure the "on-off" switch is in the "off" position.

3. Insert the charger into the charge socket on the underside of the Sky Volt. 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 Sky Volt for 30 seconds. For longer flights, you may increase the charge time up to 60 seconds.

5. Never charge the Sky Volt for more than 60 seconds. If you do, you may overheat the batteries in the Sky Volt or the charger and damage them.

6. When charging is complete, remove the charger from the Sky Volt

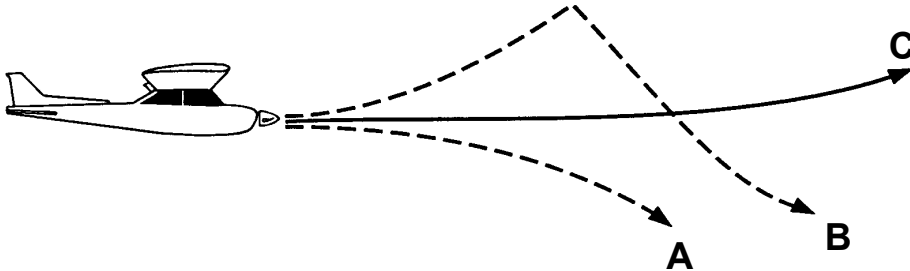
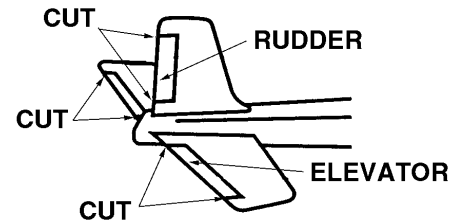
**CAUTION:** Do not put fingers or objects, close to or in the propeller when running.

## 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 FREE-FLIGHT SKY VOLT (must be done before flying)

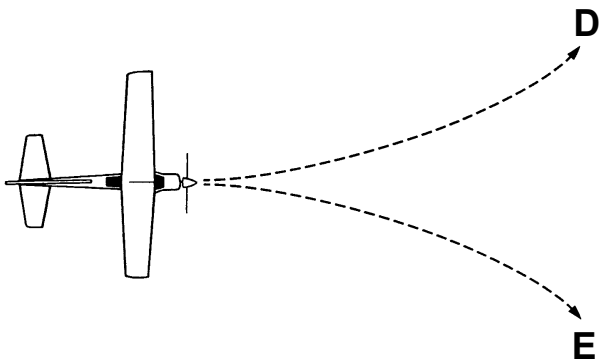
1. It is important to adjust or "trim" your electric free flight Sky Volt correctly.
2. Before launching the Sky Volt, grasp the airplane fuselage and with the motor off, gently toss the Sky Volt into the wind. It should glide straight ahead and settle gently to the ground. See the diagrams below.



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

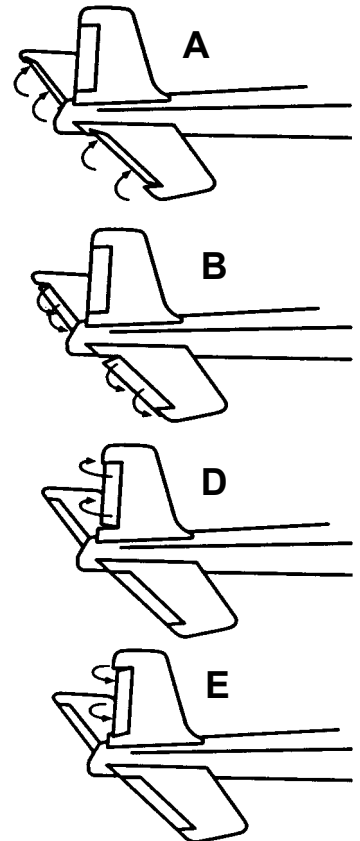
**B** = Stall. Bend elevators down slightly.

**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.



3. If needed, using a hobby knife, carefully cut **only** the **top** and **bottom** of the rudder and the **inside** and **outside** ends of both elevators.

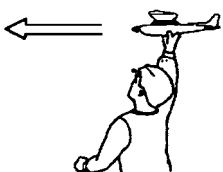
4. Repeat step 2 until your airplane glides well.

## FLYING YOUR ELECTRIC FREE FLIGHT SKY VOLT

### 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

WIND DIRECTION →



1. Choose an open field, free of trees, power lines and other obstacles. Hold the Sky Volt in your hand over your head and switch on the motor with your other hand. Toss the Sky Volt into the wind, keeping the wing level.

2. The Sky Volt 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 SKY VOLT" section for details.

### IMPORTANT THINGS TO REMEMBER WHEN YOU ARE FLYING YOUR FREE FLIGHT SKY VOLT

The most important thing that determines how well your Sky Volt 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 Sky Volt 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, you may overheat the batteries in the Sky Volt 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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