

# ASSEMBLY OF YOUR ELECTRIC FREE-FLIGHT SENTINEL™

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

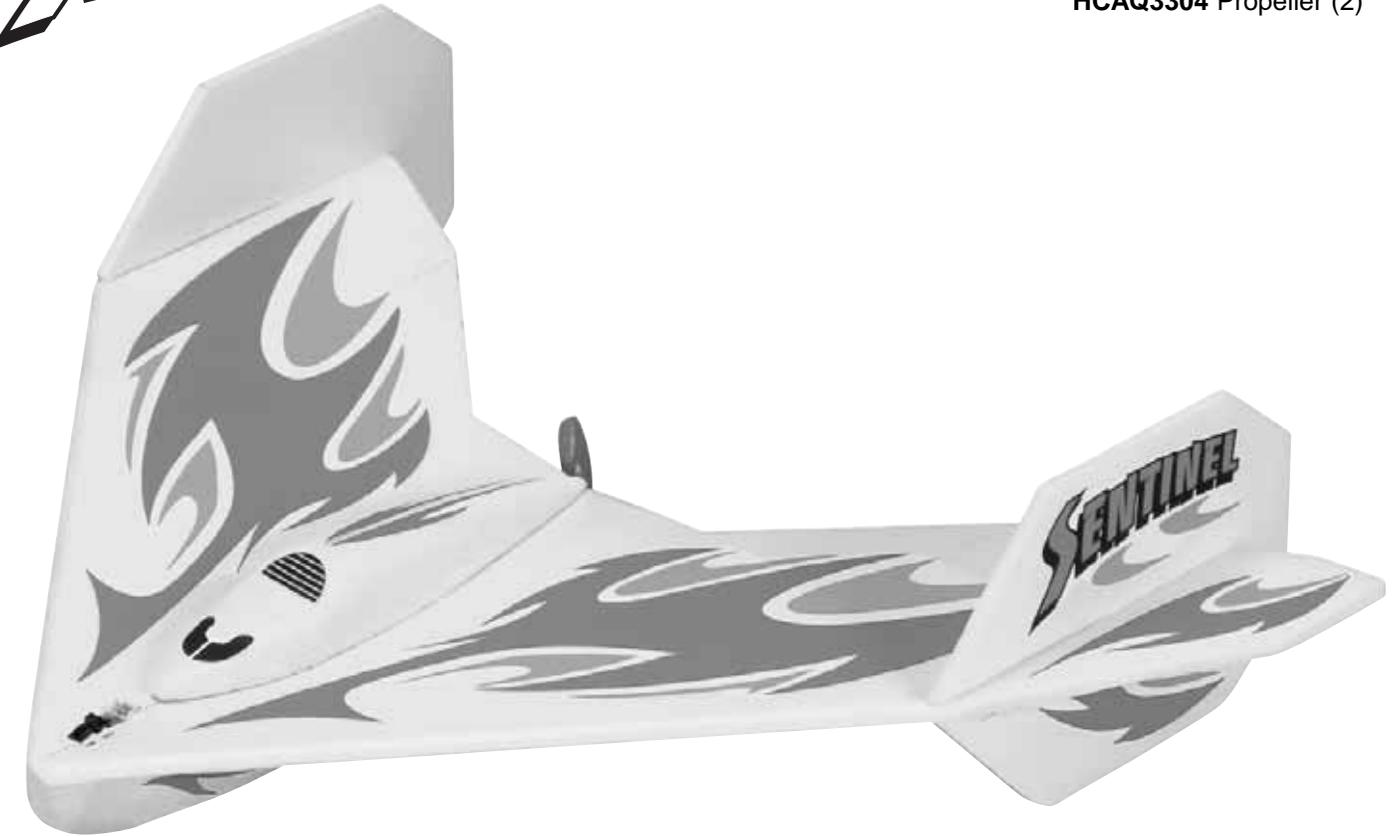
**WARNING:** Choking hazard - Small parts. Not for children under 3 years. Use with adult supervision.

# SENTINEL™

## Replacement Parts

HCAP0129 Charger

HCAQ3304 Propeller (2)



# FLYZONE™

by **HOBBIKO®**

Requires 4AA Alkaline batteries (Not included)

HCAA0310

## CHARGING

1. Remove the back cover of the charger by removing the screw and install 4 "AA" batteries according to the diagram in the charger. Put the cover back on the charger and re-install the screw. **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 Sentinel, make sure the "on-off" switch is in the "off" position. The "off" position is towards the front of the plane.

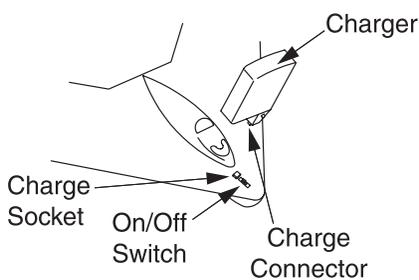
3. Insert the charger into the charge socket on the top of the Sentinel. The charger will only fit one way so match the tab on the charger with the notch on the charge socket.

4. Push and hold the charge button on the charger. On the first charge, only charge the Sentinel for 15 seconds. For longer flights, you may increase the charge time up to 60 seconds.

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

6. When charging is complete, remove the charger from the Sentinel.

**CAUTION:** Keep fingers, face, clothing and other objects away from the propeller when running.

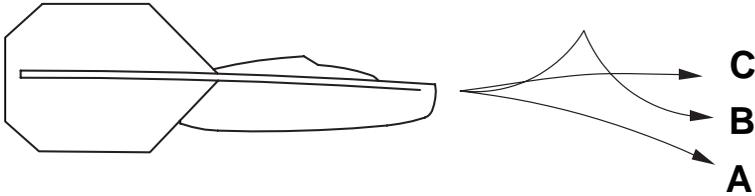


## WARRANTY

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 parts damaged by use or modification. In no case shall Hobbico's liability 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 shall 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.**

## TRIMMING YOUR ELECTRIC FREE-FLIGHT SENTINEL (must be done before flying)

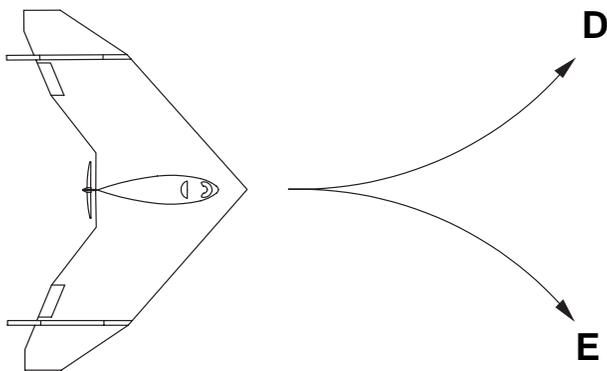
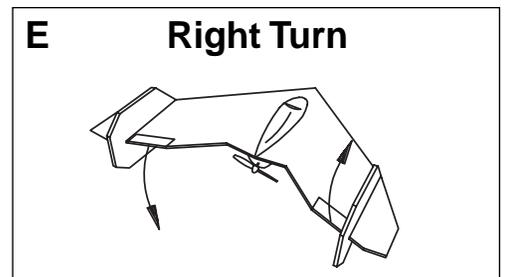
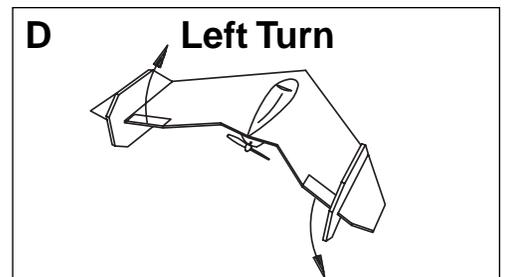
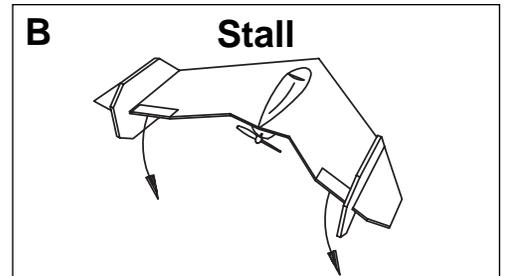
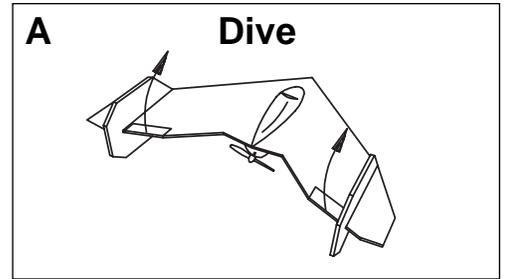
1. It is important to adjust, or "trim," your electric free flight Sentinel correctly.
2. Before launching the Sentinel, grasp the airplane fuselage under the wing, and with the **motor off**, gently toss the Sentinel into the wind. It should glide straight ahead and settle gently to the ground. See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



**A** = If the plane dives, bend the elevons upward slightly.

**B** = If the plane stalls, bend the elevons down slightly.

**C** = Correct flight path.



**D** = To turn left, bend the left elevon up slightly and the right elevon down slightly.

**E** = To turn right, bend the right elevon up slightly and the left elevon down slightly.

3. Repeat step 2 until your airplane glides well.

## FLYING YOUR ELECTRIC FREE-FLIGHT SENTINEL

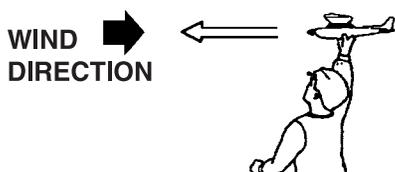
### SAFETY RULES

**ALWAYS LAUNCH THE AIRPLANE AWAY FROM PEOPLE AND OBSTACLES**

**NEVER POINT THE AIRPLANE AT ANYONE OR ANYTHING**

**ALWAYS LAUNCH SKYWARD**

**DO NOT LAUNCH INDOORS**



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

2. The Sentinel should climb gently and turn gradually. If it stalls and crashes, adjust the elevons. If it does not turn, adjust the elevons. Refer to "TRIMMING YOUR ELECTRIC FREE-FLIGHT SENTINEL" for details.

### IMPORTANT THINGS TO REMEMBER WHEN YOU ARE FLYING YOUR ELECTRIC FREE-FLIGHT SENTINEL

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

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 and fins are not broken and that the fuselage is securely attached to the wing.

Make sure the fins are not cracked or broken. See the repair section for details. Always throw the electric free-flight Sentinel into the wind. Do not fly the airplane if it is too windy.

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

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

**WARNING:** Do not use super glue. It will damage the foam. Always use white glue and cellophane tape to repair the electric free-flight Sentinel.

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