

## CONTENTS AND BASICS

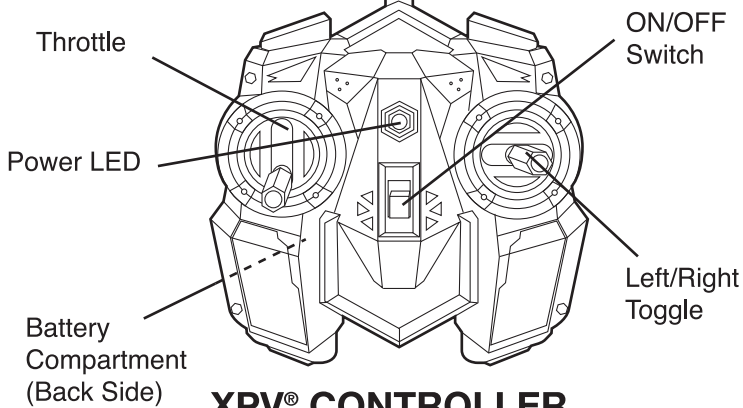
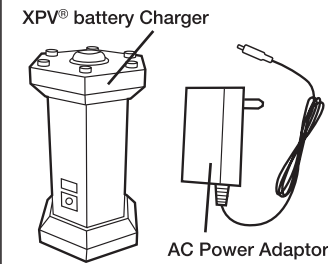
**Attach Antenna:**  
Carefully screw the antenna into top of controller as illustrated

### First Aid Vehicle Repair Kit

- Includes:
- Clear Tape
  - Support rods

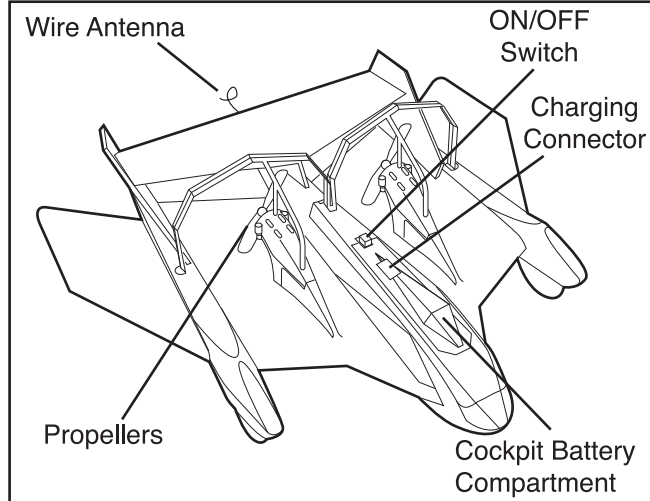


### Battery Charging Contents:



### XPV® CONTROLLER

\* Clear Tape on XPV® 2.0 SHADOW HAWK™ vehicle is normal. It is used for reinforcement. DO NOT REMOVE!



### XPV® 2.0 Shadow Hawk™ VEHICLE

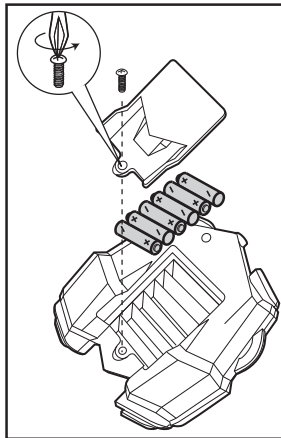
## BATTERY INSTALLATION Only an adult should install and charge the batteries.

### BATTERY INFORMATION

| INCLUDED                                                                         | REQUIRED                                                 |
|----------------------------------------------------------------------------------|----------------------------------------------------------|
| XPV® Lithium-ion Polymer 7.4 volt rechargeable battery pack (BUILT INTO VEHICLE) | 6 "AAA" alkaline batteries for controller (NOT INCLUDED) |

### INSTALL ALKALINE BATTERIES INTO CONTROLLER-

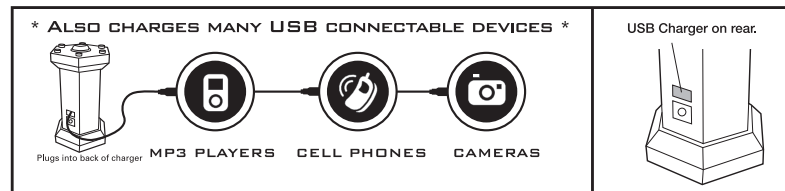
1. Unscrew and remove battery cover from back of controller.
2. Install 6 "AAA" alkaline batteries into controller as illustrated.
3. Replace and fasten battery cover.



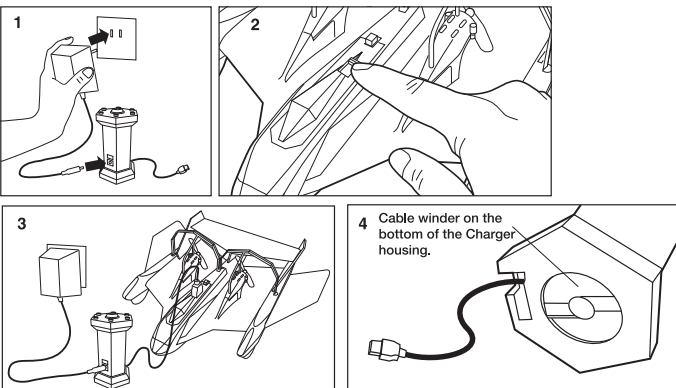
### USB CHARGING (USB Cable Not Included):

The XPV® Battery Charger also charges many USB connectable devices.

1. Plug in the AC power adapter to a wall socket
  2. Connect the AC power adapter to the XPV® Battery Charger
- NOTE : Red XPV® logo on front will pulse slowly to indicate it's on.
3. Plug the USB cable for your device into the USB port on the back of the charger.
- NOTE : The XPV® Battery Charger will NOT indicate when your device is fully charged. Follow the directions for your device to determine when charging is complete.



## CHARGING DIRECTIONS



The Rechargeable Battery is built into your XPV® Vehicle. The battery is designed to have some stored power at all times, but will not be fully charged. Charge the battery completely before flying.

1. Plug the AC power adapter into a wall socket. Connect the AC power adapter to the XPV® Battery Charger. Red XPV® light should now be pulsing slowly. (Image #1)
2. Turn off the XPV® 2.0 SHADOW HAWK™ vehicle. Slide open the charging connector door on the top of the XPV® 2.0 SHADOW HAWK™. (Image #2)
3. Pull the retractable charging cable from the base of the XPV® Battery Charger and connect it to the XPV® 2.0 SHADOW HAWK™ vehicle. (Image #3)

a. A green light on the charger will pulse slowly with the red lights indicating the battery is being charged.

b. When charging is complete, the green light will be solid.

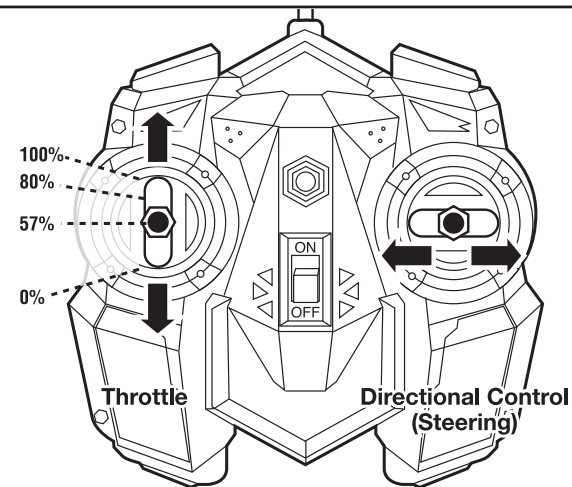
4. With charging complete, disconnect the charging cable and close the connector door on the XPV® 2.0 SHADOW HAWK™. Your vehicle is ready to fly.

5. Use the cable winder on the base of the XPV® Battery Charger to retract and store the charging cable. (image #4)

**IMPORTANT:** Disconnect the charger from the vehicle when charging is finished. Failure to do so may result in damage to product.

**CAUTION:** The XPV® Battery Charger and the AC power adaptor should be periodically examined for conditions that may result in the risk of fire, electrical shock, or injury to persons. In the event of such conditions, the products should not be used until properly repaired.

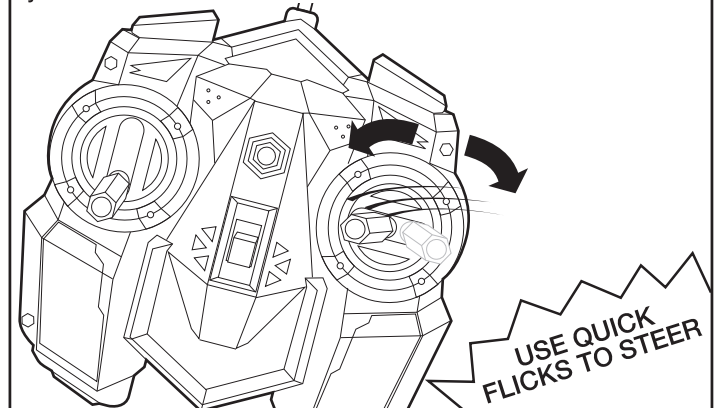
## XPV® 2.0 SHADOW HAWK™ CONTROLS



- Throttle- Controls motor speed.
- Directional Control (Steering)- Controls left or right direction.

### STEERING IS VERY SENSITIVE!

Use quick "flicks" of the Directional Control to steer your XPV® 2.0 Shadow Hawk™ vehicle either left or right. Continuous holding of the Directional Control may cause your XPV® 2.0 Shadow Hawk™ vehicle to over steer.



## XPV® 2.0 SHADOW HAWK™ OPERATION

Good take-off, flying and landing takes practice. XPV® 2.0 SHADOW HAWK™ vehicle beginners must follow these steps to become a XPV® 2.0 SHADOW HAWK™ vehicle Expert.

### DRIVING ON GROUND

1. Turn power ON to XPV® 2.0 SHADOW HAWK™ vehicle and controller.
2. Place XPV® 2.0 SHADOW HAWK™ vehicle on smooth dry surface with sufficient space (approx. 30 feet/9 meters) to accelerate without obstacles.
3. Increase throttle gradually to 60-80% for ground acceleration.
4. Steer XPV® 2.0 SHADOW HAWK™ vehicle by quickly "flicking" steering control left or right.

### TAKEOFF AND FLIGHT

#### • BEGINNER:

1. Use throw launching technique. (See Side Window)
2. After launch immediately return right hand to steering control and use to control your XPV® 2.0 SHADOW HAWK™ vehicle during take-off and flight.
3. Decrease throttle (80%) once desired altitude is reached to maintain height. Vary the throttle to alter flying height.

#### • ADVANCED:

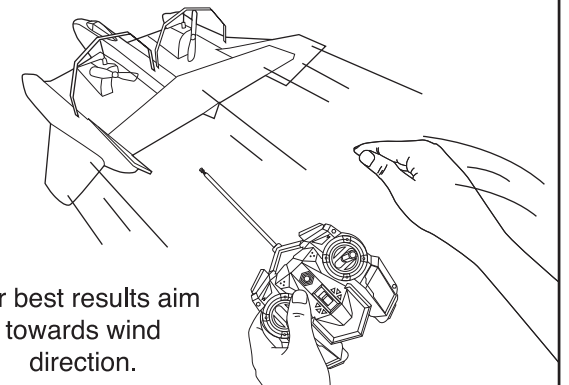
1. While driving XPV® 2.0 SHADOW HAWK™ vehicle on a flat, smooth surface (concrete) drive towards wind direction at full throttle (100%) for take-off.
2. Use the Directional Control to steer your XPV® 2.0 SHADOW HAWK™ vehicle during take-off and flight.
3. Decrease throttle (80%) once desired altitude is reached to maintain height. Vary the throttle to alter flying height.

### LANDING

1. Confirm long, clear path for landing.
2. Maintain speed and direction.
3. Decrease throttle to 50% for gradual descent.
4. When XPV® 2.0 SHADOW HAWK™ vehicle is 20 feet/6m above ground, decrease throttle completely (0%) to complete landing.

### THROW LAUNCHING FOR FLYING

Gently hand toss XPV® 2.0 SHADOW HAWK™ vehicle into the air with right hand while using left hand to hold controller and press full throttle 100%.



For best results aim towards wind direction.

1-80% Throttle



DRIVING ON GROUND

80-100% Throttle



TAKE-OFF

80% Throttle

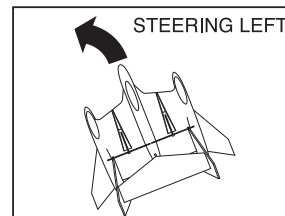


STEADY FLIGHT

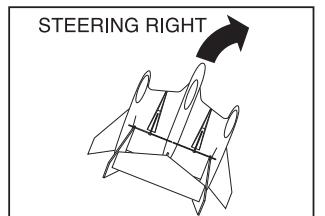
50-80% Throttle



LANDING



STEERING LEFT



STEERING RIGHT

Please remember to switch off your XPV® 2.0 SHADOW HAWK™ vehicle and controller when you are not playing.

Visit [www.XPV.com](http://www.XPV.com) for additional information, instructions, and cool videos!

• Simple training steps

• Learn to do cool stunts

• Caring for your XPV® vehicle