



# WIND CHASER™

Remote Controlled Stunt Kite

## INSTRUCTION MANUAL

### ADULT SUPERVISION IS STRONGLY RECOMMENDED WHEN OPERATING THIS TOY

**WARNING:** Do not fly this toy near tall buildings, trees, or other objects that may cause the toy to become entangled. Do not operate this toy in high winds, thunderstorms, or wet weather! Do not fly near airports. Do not fly near overhead power lines. NEVER try to retrieve the kite from power lines or a power pole. Call your local power company for help. Do not fly over people or pets.

#### IMPORTANT BATTERY INFORMATION:

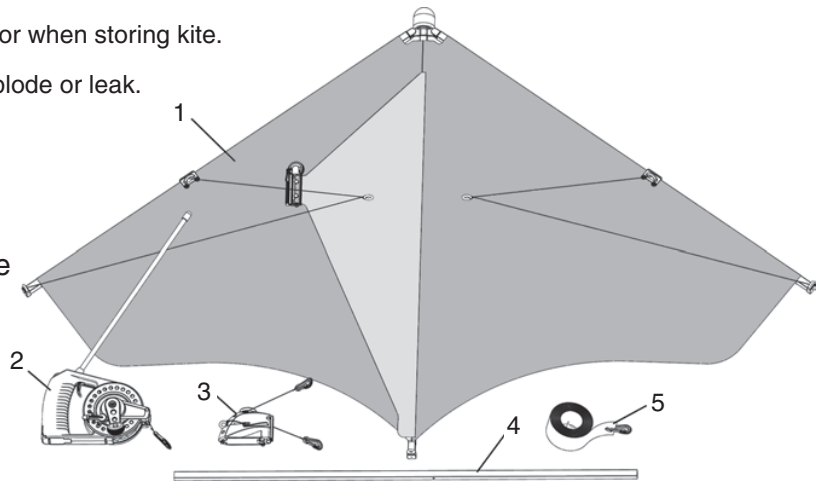
Batteries should be installed by an adult.  
Ensure battery polarity is correct ("+" positive & negative "-" orientation).  
New alkaline batteries are recommended for best performance.  
Do not mix old and new batteries.  
Do not mix alkaline, standard, rechargeable or different types of batteries.  
Always turn Wind Chaser™ off before installing or removing batteries.  
Battery compartment may be hot after use – allow to cool before handling.  
Remove used up batteries.  
Remove batteries from kite & remote when not in use or when storing kite.  
Battery life may vary depending on battery brand.  
Do not dispose of batteries in fire as batteries may explode or leak.  
Do not recharge non-rechargeable batteries.  
Do not short-circuit terminals.  
Dispose of batteries safely.

Please read all warnings and instructions completely before assembling and operating this toy. Keep this instruction manual for future reference.

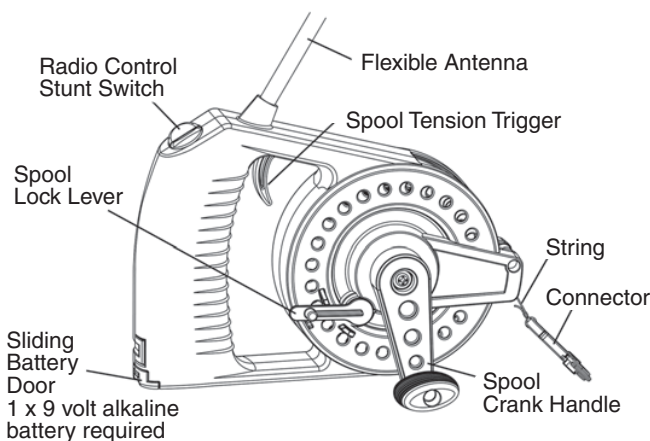
#### CONTENTS:

- Carefully unpack all contents and identify the parts and features shown.
1. Kite
  2. Line Winder Remote
  3. Steering Servo
  4. Horizontal Rod
  5. Tail Ribbon

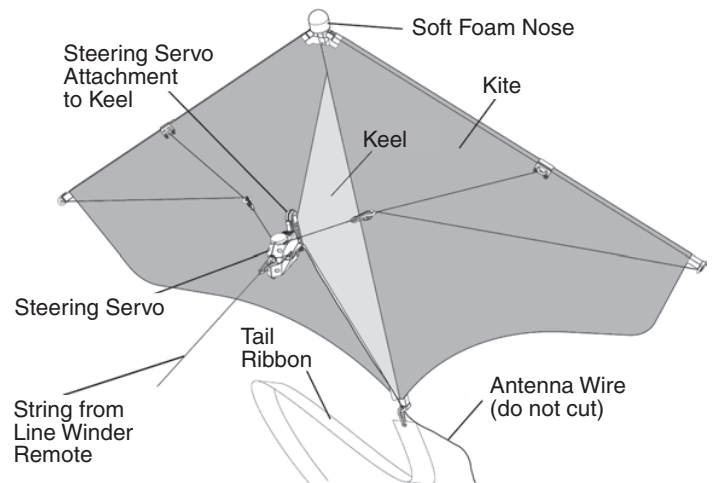
**BATTERIES REQUIRED** (not included)  
2 x AAA alkaline batteries for the kite  
1 x 9 volt alkaline battery for the remote

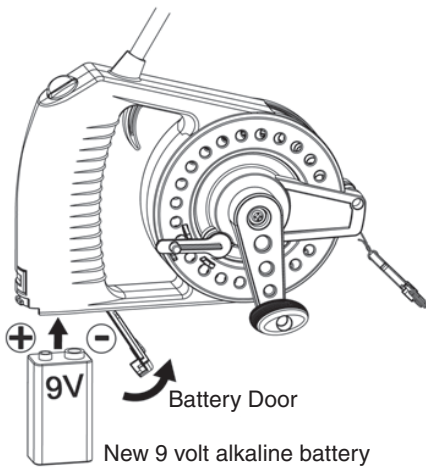


### LINE WINDER REMOTE



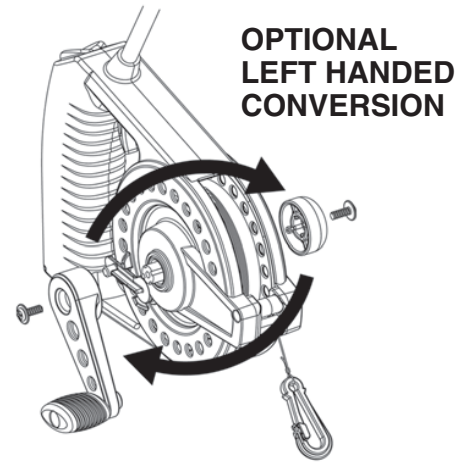
### KITE





### HOW TO INSTALL THE 9 VOLT BATTERY IN THE REMOTE

1. Start with a new 9 volt alkaline battery.
2. Push & slide battery door open.
3. Insert battery following the polarity (+) & (-) orientation shown in the drawing.
4. Close battery door & slide to lock in place.



### OPTIONAL LEFT HANDED CONVERSION

Left-handed cranking is possible by switching the cranking handle to the opposite side of the remote (remove two screws as shown).

**NOTE:** Left side cranking will prevent Spool Lock Lever from locking automatically when crank is turned. Spool Lock Lever must be operated manually.

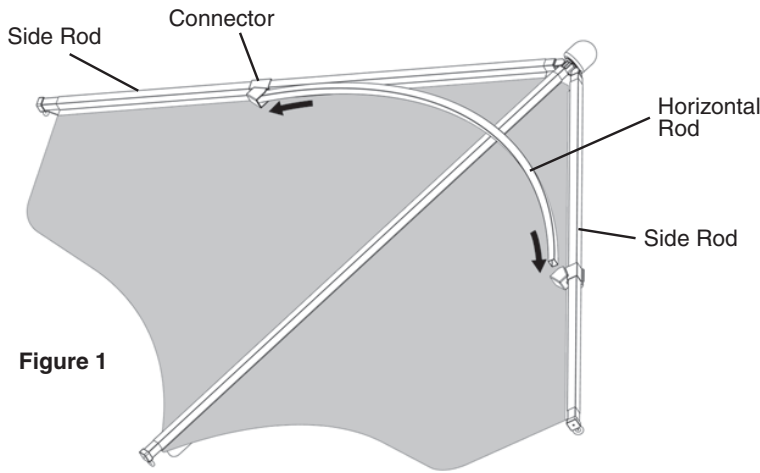


Figure 1

### HOW TO ASSEMBLE THE KITE

1. Open kite up.
2. Slightly bend Horizontal Rod & insert rod ends into Connectors located on the Outside Rods as shown in Figure 1.
3. Slide Steering Servo onto attachment point on tip of Keel as shown in Figure 2. (Steering Servo must slide all the way down to LOCK in place)
4. Attach left & right side Steering Clips from Steering Servo to left & right side Rings on strings attached to the kite as shown in Figure 2.
5. Carefully insert RC antenna wire in the ring on the Steering Servo & then into the ring at the bottom of the center rod of the kite as shown in Figure 3.
6. Attach Tail Ribbon onto the ring at bottom of center rod as shown in Figure 4. (Tail Ribbon is necessary for stable flight)

Figure 2

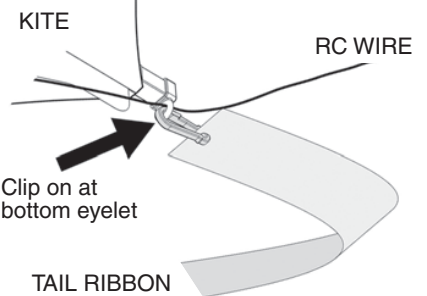
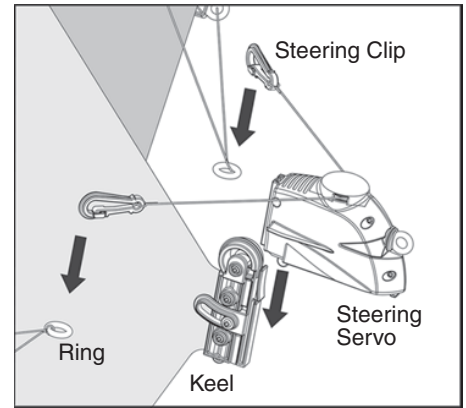


Figure 4

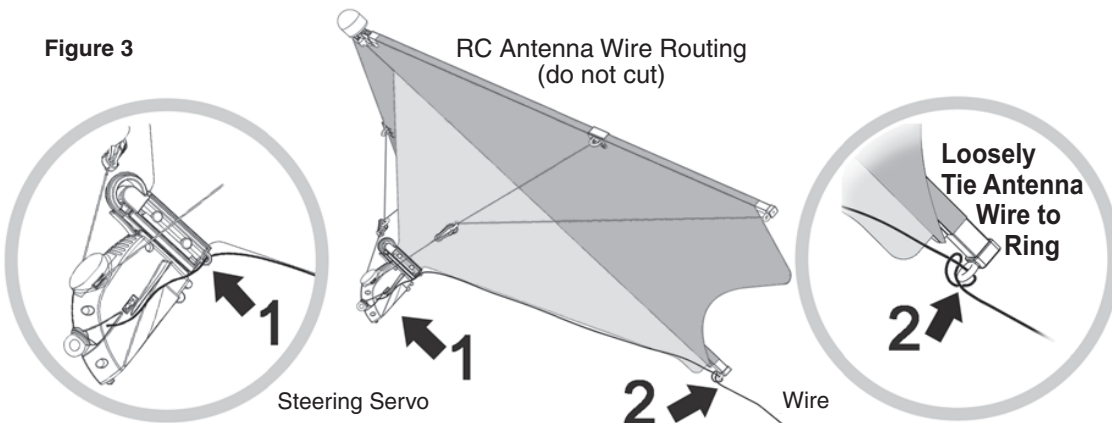
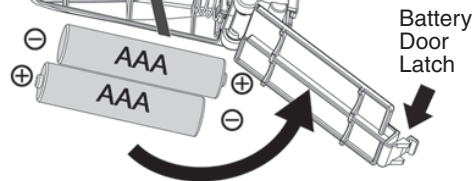


Figure 3

Steering Servo

### HOW TO INSTALL BATTERIES IN STEERING SERVO



1. Squeeze Latch to open Battery Door at bottom of Steering Servo.
2. Insert 2 new AAA alkaline batteries following the polarity (+ & -) orientation shown in the drawing.
3. Close Battery Door – make sure it latches.



## WARNING: Read Carefully

### IMPORTANT GUIDELINES FOR SAFE KITE OPERATION – ADULT SUPERVISION RECOMMENDED

Do not operate near electric wires, power lines or power poles due to risk of electric shock.

Do not operate in a small or confined space with people nearby.

Do not operate in stormy or wet weather – Avoid harsh winds and electrical storms.

Fly kite in a BIG open space with no obstacles, trees, buildings or people nearby.

At least 50 metres (55 yards) of open space is required in front and to the sides of the kite operator.

Large buildings or mountains may adversely affect kite flying due to wind turbulence.

Do not operate near water (ocean, river, pond, etc.).

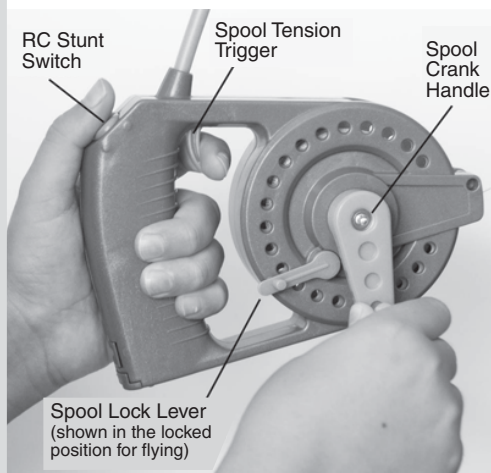
For the best results, please operate kite while wind speed is 2-5 metres (2-5.5 yards) per second (5-12 miles per hour) maximum.

Wind speed higher than the recommended range will cause unstable flight, loss of control and crashing.

You may actually hear the kite string “hum” (a phenomenon called resonant frequency) in overly strong winds.

“Humming” noise is a sign that tells you the wind force is too strong. Retrieve the kite before loss of control.

### HOW TO HOLD THE LINE WINDER REMOTE

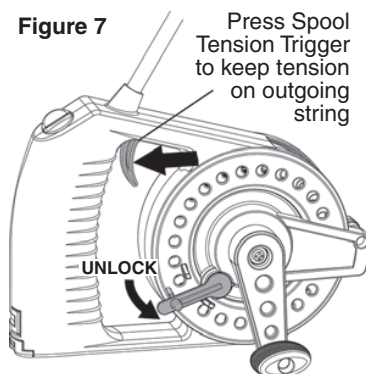


### HOW TO FLY THE RC KITE

**IMPORTANT:** Kite will move up & down and to left or right.

Please make sure there are NO obstacles or dangerous objects in your flying area.

Figure 7



1. Push Spool Lock Lever to DOWN position to UNLOCK the spool as shown in Figure 7 (turning the crank will re-lock the spool).
2. Press Spool Tension Trigger as string is pulled out so that string never becomes too LOOSE causing tangles on the spool.
3. Kite string can now be pulled freely off the unlocked spool.

If a tangle occurs:

Turn crank to lock spool, press trigger continuously, unlock spool, & pull string out steadily until all tangles are pulled out.

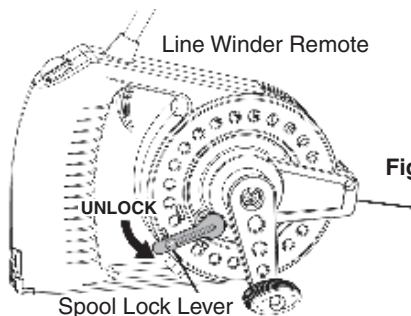
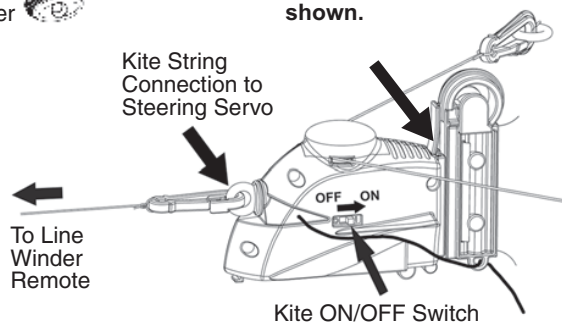


Figure 5

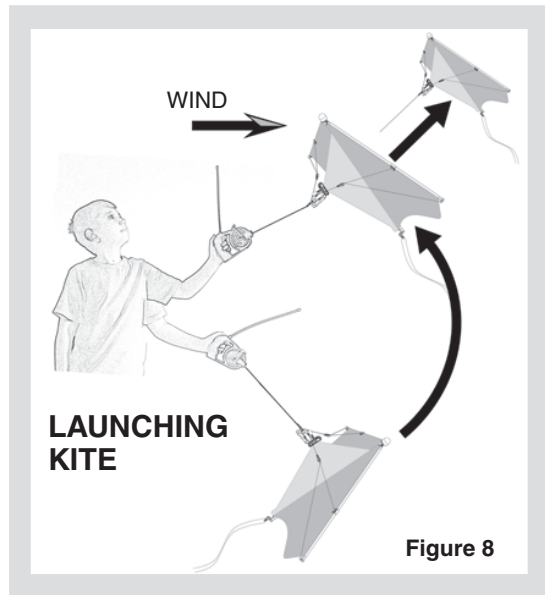
### KITE ASSEMBLY (continued)

**In case the Steering Servo needs to be repaired or replaced:** Squeeze Locking Tab to slide Steering Servo up and off the Keel as shown.

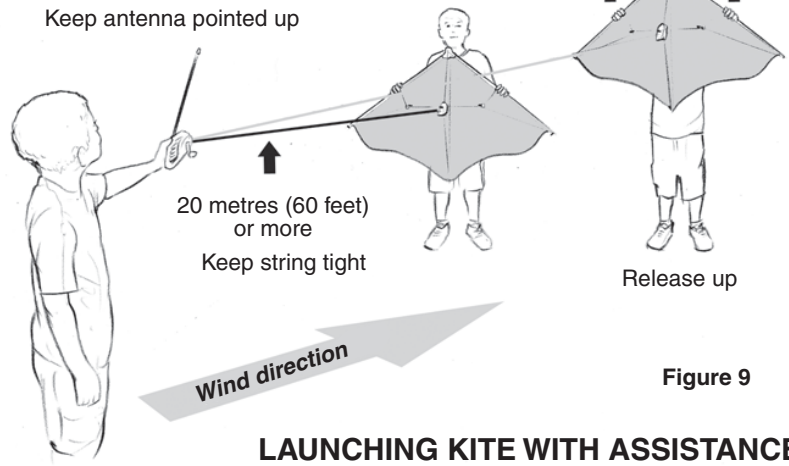
Figure 6



1. On the Line Winder Remote, push the Spool Lock Lever to the DOWN position. The spool will now be unlocked and string will pull easily from the spool. See Figure 5.
2. Attach the clip at the end of the string from the Line Winder Remote to the Steering Servo Ring as shown in Figure 6.
3. Turn Kite “ON”. ON/OFF switch is on the Steering Servo.



## EASY LAUNCHING FOR BEGINNERS:

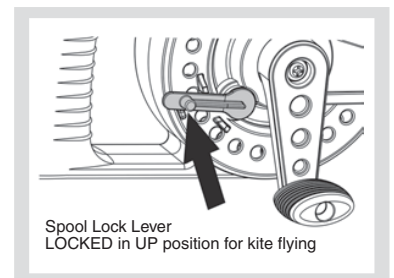


1. Place your back to the wind – see Figure 8.
2. The length of string should be 1 metre (3 feet).
3. Swing kite up with nose pointing up.
4. Keep spool tension trigger pressed.
5. When the kite catches wind, carefully release the trigger to let string go out.
6. Press the trigger as needed to keep the string from becoming slack & the kite will gain altitude.
7. When wind is not strong enough, you can hold kite above your head and walk or run into the wind to get the kite to a flying altitude (height).

**WARNING:** When the string is being released from the remote, please avoid touching or handling the string. Do not wrap the string around your finger(s) or hand to avoid possible injury. The Wind Chaser™ Line Winder Remote handles the winding and release of string for you.

1. As an option, someone can assist you with launching the kite – see Figure 9.
2. The assistant can hold the kite & walk back 20 metres (60 feet) or more away from the operator in the direction of the wind.
3. The string must be stretched out.
4. The assistant can release the kite upwards.
5. The operator can walk into the wind to keep the kite airborne & gaining altitude.
6. Once the kite reaches enough altitude, the Spool Lock Lever can be shifted UP to the LOCKED position (turning the crank clockwise will automatically lock the spool too) – see Figure 10.
7. If kite tends to move left or right, you can adjust the flight to be “neutral” (steady and pointing up) by pressing left or right button on remote. Point your remote antenna up.

Figure 10

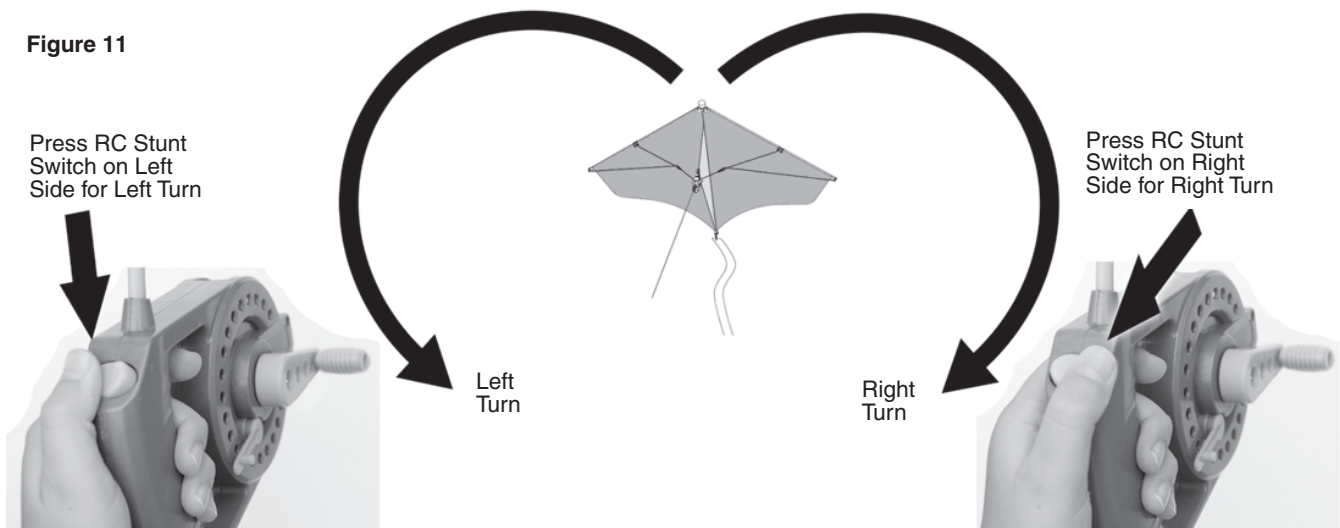


## Wind Chaser™ Stunt Guide HOW TO TURN THE KITE

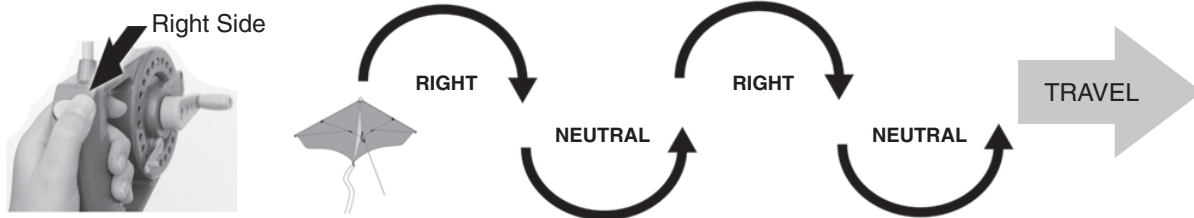
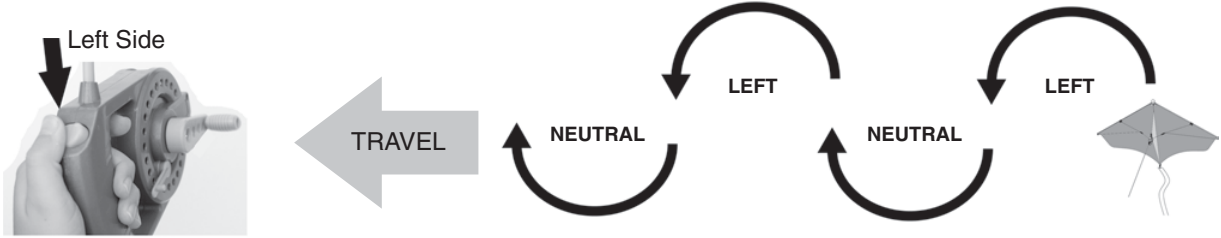
**IMPORTANT:** The length of the string from the Remote to Kite must be a minimum of 30 metres (100 feet) or more for all stunts.

The kite starts turning left when left side of the RC switch is pressed on the remote.  
The kite starts turning right when right side of the RC switch is pressed on the remote.  
The kite starts climbing up naturally when the RC switch is released.

Figure 11



# Wind Chaser™ Stunt Guide (continued)



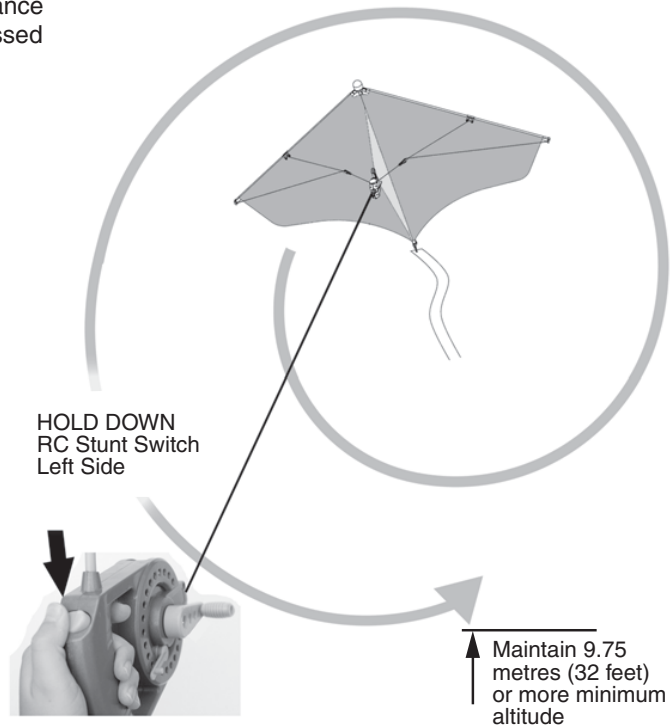
## HOW TO MAKE THE KITE TRAVEL LEFT OR RIGHT

You can move the kite to the left or right over a long distance when left or right side of the RC switch on remote is pressed and released (neutral position) repeatedly.

## DO SUPER EASY SPIRALS

The kite will spiral if the left or right side RC Stunt Switch is held down continuously. **IMPORTANT:** As the kite spirals, it will lose altitude & ultimately crash on the ground. **MAINTAIN** a minimum altitude of 9.75 metres (32 feet) at all times to prevent crashing. **WATCH** the distance between the kite and the ground **ALWAYS**.

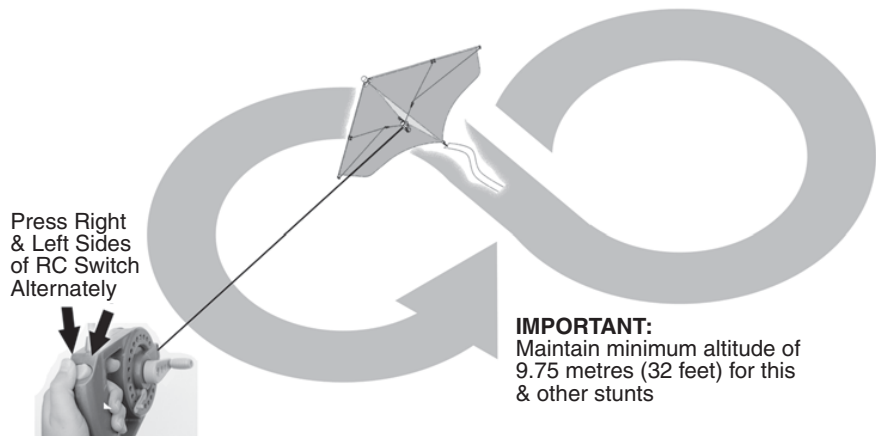
If the kite is too close to the ground, simply release the RC Stunt Switch to regain neutral, upward flight. Push the Spool Lock Lever **DOWN** to release string from the spool to regain altitude. Apply tension to the string by pressing the trigger. Push the Spool Lock Lever **UP** to lock the spool & start flying all over again.

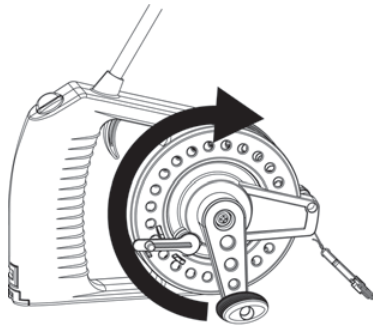


## DO FANTASTIC FIGURE 8's

Press left & right sides of RC Stunt Switch alternately – the kite will trace a Figure 8 in the sky! Kite turns in a tighter radius in a light wind & turns in a larger radius in a strong wind.

Please do not do stunts when the kite is close to the ground. It may suddenly crash. If the kite starts falling down quickly from a strong gust of wind, run toward the kite immediately to loosen the string between the kite and remote. The kite will recover and start flying up again.





## WINDING UP THE STRING

Point the remote to the kite and rewind the string by turning the Spool Crank Handle.

If you feel the kite is hard to reel in because of strong wind, walk toward the kite and wind at the same time.

Pay attention not to rewind the string at one edge of Spool all the time – wind the string onto the spool evenly.

Do not pull the string in with your bare hands.

Use the Line Winder Remote to crank it onto the spool.

## TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
Wind Chaser™ does not start functioning.	Ensure NEW AAA alkaline batteries are fully inserted (correct polarity) into Steering Servo & switch is “ON”.  Ensure a NEW 9 volt battery is fully inserted (correct polarity) into the Line Winder Remote.
Kite tends to fly left or right on its own.	Press left or right RC switch on the Line Winder Remote to achieve steady or neutral flight.
Poor range or lack of RC function.	The TX antenna must be pointed up for best range.  Other RC devices, tall buildings, etc., may cause radio interference – try a different location.

**FREQUENCIES:** Your kite and remote operate on one of two frequencies: 27MHz or 49MHz (40MHz in some countries). Do not operate two radio control kites on the same frequency in the same area, as they will interfere with each other.

### FCC REQUIREMENTS

This device complies with part 15 of the FCC Rules. Operation is 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.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

**This Category II radiocommunication device complies with Industry Canada Standard RSS-310.**

Carrier frequency: 27.145 MHz  
Field Strength: 62.5dBuV/m at 3m

Carrier frequency: 49.860 MHz  
Field Strength: 72.4dBuV/m at 3m



If at any time in the future you should need to dispose of this product please note that Waste Electrical Products should NOT be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive).

**CE1177**

Hereby, Spin Master Ltd., declares that Wind Chaser™ is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

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