13) Get kite up to 100ft 14) Fly kites  Attaching Payload	NO ONE TOUCHES THE STRING WITHOUT THE PILOT SPECIFICLY
<ol> <li>After reaching 100ft, have a predetermined person attach the payload to string         <ul> <li>a) have more raps on the upward side than the downward side</li> </ul> </li> <li>hold string to gain altitude</li> <li>release string to descend</li> </ol>	TELLING THEM TO  NOTES
Landing kite	
Give kite string some slack to reduce lift	
2) Start reeling in kite	
3) Repeat steps 1 & 2 of landing kite as necessary	
4) When camera is within reach, detach from string	
5) Crash/Land/Catch kite	
6) To catch, when kite is low enough have catcher approach kite from	
cross wind	
<ul><li>7) Grab kite out of air</li><li>8) Gather equipment (stated at top)</li></ul>	
9) Take everything inside	
Back Inside	
1) Final inspection of equipment (stated at top)	
2) Put equipment away	
3) Take notes, record feedback and	Mighty Kite
future necessities	Productions

**July 2017** 

# Kite Flying Checklist

### **Inside**

- 1) Check weather
- 2) Check kite minimums and maximums
  - a) Compare to weather
- 3) Gather equipment
  - a) Kite
  - b) Gloves
  - c) Carabiner
  - d) Anemometer (wind thingy)
  - e) String
- 4) Check equipment (listed above) is in good working order
- 5) Data
  - a) Make sure equipment is in working condition
  - b) Set timers for data collection
  - c) Make sure the time of day and shadows don't prevent data collection
- 6) Assign roles for each person
  - a) Pilot (sunglasses recommended)
  - b) Launcher (sunglasses recommended)
  - c) Catcher (sunglasses recommended)
  - d) Spotter (sunglasses recommended)
  - e) Observer (sunglasses recommended)
  - f) Check list reader
- 7) Pilot put gloves on

# 8) Take everything/everyone outside **Outside**

- 1) Go to safety box
- 2) Confirm weather report with wind thingy
- 3) Determine wind direction

# Launching

- 1) Attach string to kite
- 2) Make sure string is free and untangled
- 3) Have the launcher walk kite downwind of the pilot
- 4) launcher signals pilot that they are ready
- 5) Count down from 5 to 0
- 6) Observers confirm area is clear
- 7) Pilot signals launcher to launch kite
- 8) launcher allows kite to catch the wind and releases kite
- 9) Launcher and pilot both but tension on the string
- 10) When wind generates lift, launcher lets go of kite
- 11) Pilot slowly lets out string ( careful to not lose lift)
  - a) Maintain a steep slope on string when trying to gain altitude
  - b) If kite begins to drop, stop letting out string
  - c) tugs may be needed
- 12) Launcher moves away and to the side of the pilot, at safe distance becomes an observer

## **Emergency Checklist**

# Kite string breaks

- a) If downwind, run crosswind of runaway kite
- b) announce kite is loose
- c) take cover until kite crashes
- d) recover kite
- e) assess damage

#### **Birds**

- a) keep calm and fly on
- b) if bird does not move away, move kite
- c) if all else fails, try shouting
- d) if bird survives verbal assault, reel in the kite and wait 10 minutes before launching again

#### **General Reminders**

- 1. Never stand under the kite line
- 2. Never fly near powerlines
- 3. If contact is made with a powerline, do no touch the line or kite
- 4. Never fly in extreme winds or stormy weather

#### **NOTES**

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