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**EZ INFLATABLES, Inc.**

# **OWNER'S MANUAL**

**GENERAL MANUAL<sup>®</sup>  
covers all  
inflatable amusement devices.**

Your manual provides you with the specific information needed for the set-up and take-down procedures best utilized for the safety, long-term use and care of your inflatable amusement device.

Specific information for certain IAD's is available as an annex to  
EZ Inflatables, Inc. - Owner's Manual General Manual<sup>®</sup>.



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## Welcome to the EZ Inflatables family

All of us at EZ Inflatables, Inc., would like to welcome you to our family and want to thank you for choosing us when building your inventory and growing your company.

We ask that you stop and read through this manual so that you understand the steps for both the set-up and deflating of the inflatable amusement device(s) you have purchased. It is extremely important that you and anyone who operates any inflatable amusement device thoroughly understands the requirements provided within this manual along with standards and ordinances your company, your state and your customers set forth.

This information has been updated to respect the industry standards based on the ASTM Standard Practice Designation: F2374-19; along with other references cited within that documentation. In so doing, we are able to walk confidently in the direction of meeting and exceeding expectations for industry-wide requirements and can assure you that this unit has passed our meticulous inspection process. This provides you with the assurance that this inflatable amusement device is the best in the industry.

We take safety very seriously as we pass this inflatable on to you. We also pass on the responsibility of providing the communities you serve with safe and enjoyable experiences that bring lasting memories and repeat customers to build your business.

If at any time you have suggestions and/or questions, feel free to call us toll free: (888) 344-5867 or send us an email if that's better for you: [info@ezinflatables.com](mailto:info@ezinflatables.com).

Once again, we thank you and hope you enjoy years of uninterrupted service with your new inflatable!

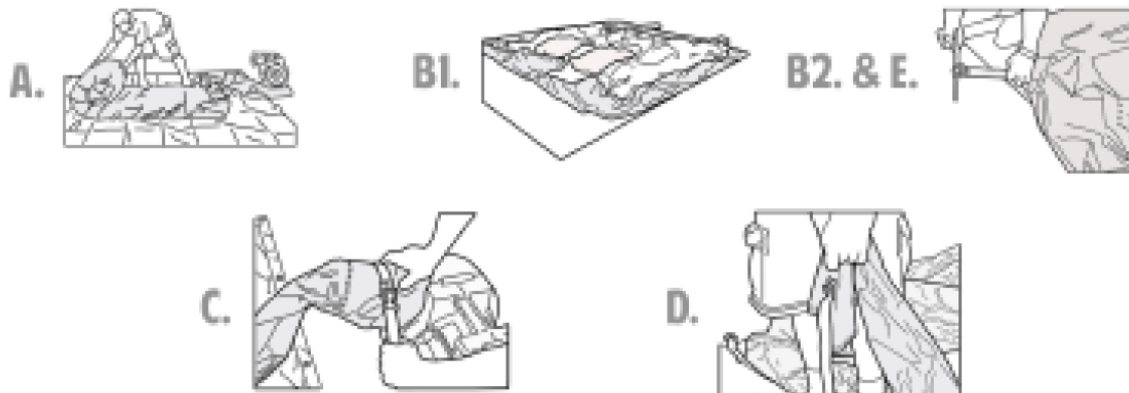
Sincerely,  
Your EZ Inflatables Team



## QUICK GUIDE: SET- UP & DEFLATION w/ILLUSTRATIONS

### QUICK SET-UP GUIDE

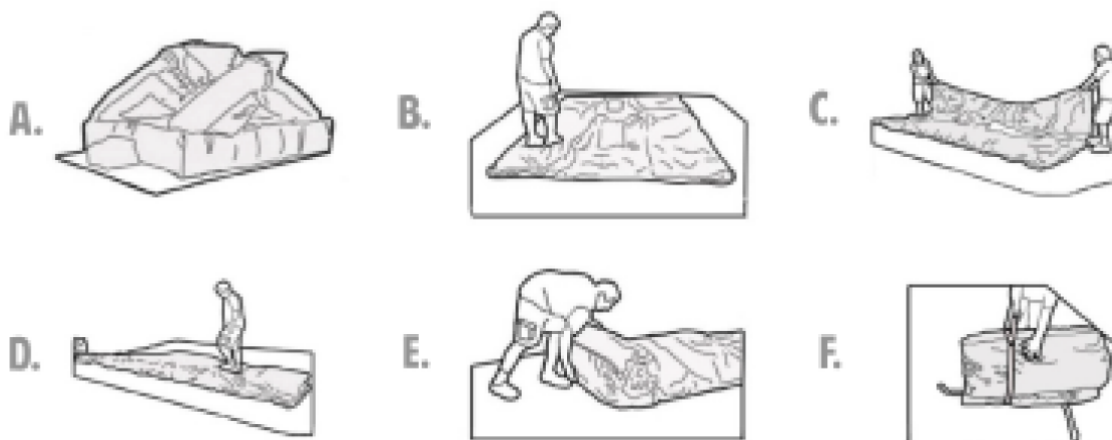
- A. Place and line up the IAD. Unroll the blower tubes and IAD.
- B1. Unfold the sides and straighten them out.
- B2. Stake down at least 2 corners (opposing corners) for safe inflation.
- C. Connect the blower tube that is closest to the electrical source and blower.
- D. Secure the 2nd/unused blower tube closed by folding vinyl and tying off with attached strapping
- E. Stake the inflatable at all points around the IAD and tie down tethers to stakes



### QUICK DEFLATION GUIDE

Clear the arena of all patrons ( Minimum of 5' )

- A. Unplug the blower fan and unhook the straps on the other blower tube
- B. Fold in the base of the unit and walk front-to-back on the unit. (This removes air from the unit)
- C. Make two folds and walk again. (This is to get it as flat, without air inside the unit as possible)
- D. Fold the half folds and walk again. (This is to get it as flat, without air inside the unit as possible)
- E. Start to roll from the front of the unit.
- F. Slide the straps around the width and tie securely with a tight slipknot.





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#### **REFERENCES TO TERMINOLOGY:**

IAD: INFLATABLE AMUSEMENT DEVICE (ASTM F2374-17:5.2)

The making of this manual is referenced to ASTM Committee F24 using Standard Practice F2374-19 and applicable references as of September 1, 2018



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## WHEN YOUR INFLATABLE AMUSEMENT DEVICE ARRIVES

***ALWAYS HAVE YOUR CELL/MOBILE WITH YOU WHEN ACCEPTING DELIVERY OF YOUR IAD*** (1.1)

### IS THE IAD(s) DELIVERED IN GOOD CONDITION/ INTACT?

TAKE PHOTOS: We will ask you for pictures—when calling to state your shipment does/did not include the following:

### IS THE DELIVERY OF YOUR IAD(s) IN LESS-THAN ACCEPTABLE CONDITION?

TAKE PHOTOS: Contact the shipping company IMMEDIATELY to report the issue and file a claim. Then contact our office to proceed with further assistance and check for the following items:

### ITEMS THAT YOU WILL FIND IN THE SHIPMENT: (1.2)

Inflatable is wrapped on a pallet (including the following)

- ◆ Stakes
- ◆ Inflation Fan
- ◆ Safety Instructions (Printed on the IAD)
- ◆ Accessories Box (if applicable)
- ◆ Business Card Holder (Sewn onto IAD)
- ◆ Repair Kit
- ◆ Advertising BANNER with YOUR COMPANY name and contact
- ◆ Heavy Duty Tarp (Ground Cover Sheet)

### EVERY INFLATABLE AMUSEMENT DEVICE INCLUDES: (1.3)

Entrance Ramp (if applicable)

2 Blower Tubes (Bouncers/Slides/Obstacle Course)

Anchoring Stakes: Anchors/Stakes (*they're the same thing*)

Patches for Reinforcement

Heavy Duty Tarp (Ground Cover Sheet)

Business Card Holder (Sewn onto IAD)

Storage Bag

Tethers/Tie Downs (if appropriate)

Advertising Banner

Inflation Fan

Inflatable Amusement Devices require 1.0 /1.5/2.0 HP Blowers to function properly. (Please reference your spec sheet included in your shipment)

\*High Volume Output:

1.0 HP = 1180 CFM

1.5 HP = 1220 CFM

2.0 HP = 1370 CFM

(Depending on the size and type of IAD)

Minimum CFM requirements for IAD's is 810 CFM  
No maximum CFM is applicable

**ALWAYS USE THE PROPER SIZE STAKES REQUIRED BY YOUR AREA**  
*ie: SPECIFIC TO YOUR STATE/CITY STANDARDS & ORDINANCES.*



## OWNERSHIP & RESPONSIBILITY

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WE'RE GOING TO GET A LITTLE TECHNICAL ON YOU HERE. (2.1)

Your company's employees are responsible for scouting out and setting up the IAD in a safe location.

You and all your staff are responsible for developing a program with necessary tasks & training to operate, maintain, inspect and evacuate your patrons at any event. These requirements are in agreement with the ASTM requirements.

Doing this prior to any event will insure a good time during the event, great memories and repeat customers. We want you to build a successful and thriving business. Because of this, we are providing an overview below of how best to operate your

### **INFLATABLE AMUSEMENT DEVICE (IAD):**

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#### ASSESS THE SITE LOCATION (2.2)

---

You must evaluate a best possible location, ground type, are there any above and below ground hazards, and weather conditions. Judge the best type of anchoring method. (based on ground type, soil condition, will you be setting up indoor or outdoor)

What sort of blower will be required and where will it/they be located during use. Make sure power meets/exceeds requirements.

---

#### SETTING UP (2.3)

---

Clean the location you will be placing the IAD. Put down tarp or protective ground surface to prolong the life of your IAD. IAD should be laid out on the designated space to determine where stakes will be anchored.

Attach the blowers based on the IAD's requirements and check connection sources and tubes.

When plugging in the blower follow all rules for circuit requirements and if you are using a generator - refer to that user manual for proper use. Use crowd control management fencing/cones to secure patron safety if necessary.

For safety of patrons and if determined necessary - extra mats/cushioning may need to be put around potential fall/height hazard locations. When operating in 'Low-light' situations you may have to provide lights.

Run through safety set-up checklist. Determine all checks and pre-use requirements are met.

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#### OPERATOR/ATTENDANT DUTIES (2.4)

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##### SUPERVISION OF PATRONS PRIOR TO POINT OF ENTRY

Try to keep groups within the same height/size range.

Operators must follow manufacturer limitations for use by patrons. *You are responsible for allowing/denying entry to avoid risk or injury.*

Instructions for proper use or what-NOT-to-do before patrons participate may be necessary.

Implement manufacturer requirements to avoid injury or damage to IAD. (ie: remove jewelry & shoes prior to participation). MANAGING & OVERSIGHT OF PATRONS

Direct the entering and exiting of the patrons.

It is a MUST that patrons be monitored and rules are followed. If safety rules are not followed, the supervisor may need to remove patrons.

##### MANAGING & OVERSIGHT OF INFLATABLE

Entrance/exit points, blower area and the perimeter of the device SHOULD ALWAYS BE clear of onlookers.

When outside make sure weather conditions and wind are within guidelines. (www.weather.com and Beaufort Scale)

Observe and track the inflation pressure of the device.

Keep track of anchoring points for security & stability during entire patron use.

##### IN THE EVENT OF AN EMERGENCY

Patrons MUST BE evacuated from the device immediately (1) when weather/wind conditions warrant unsafe conditions (2) the inflatable is compromised. With the onset of wind conditions and patrons are out - it may be necessary to deflate any inflated device. When better weather or conditions allow for it, secure and authorize "ok" and inflate the device for use.

To ensure safety is maintained always shut down blowers/re-inflate without patrons in the vicinity of the device.

It is REQUIRED that a safety inspection is again performed.

When an injury has been sustained operators MUST know what to do. (evacuating the device may be necessary if another adult isn't around to take care of injured child, calling in medical first responders, etc.)



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## MAINTENANCE (2.5)

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Follow manufacturer's recommendation for periodic maintenance of inflatable device and any ancillary equipment.

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### KNOW WHO TO CONTACT IN THE EVENT OF A WEATHER or MEDICAL EMERGENCY:

Set up a contact list of staff/employees to notify.

Know your on-site requirements

Be aware of ground issues when placing stakes in the ground. Contact all utility companies and have all underground utility lines properly located so no accidental contact occurs when driving stakes. Ensure there are no underground irrigation pipes or other utilities that the property owner has installed.

HAVE EQUIPMENT ON-SITE REQUIRED TO COMMUNICATE WITH PATRONS DURING AN EVACUATION PROCESS.

The owner/operator of an inflatable amusement device must use sound judgment and is responsible for prompt notification of any incidents, failure or malfunction that may or could affect the continued proper operation of the inflatable amusement device and is information which the manufacturer should be aware.

In the event of a injury of serious concern the owner/operator of an inflatable amusement device is responsible for the notification of such an incident with seven (7) days of the occurrence to the appropriate manufacturer.

**MANUFACTURER'S RECOMMENDATION:** Each unit stipulates that a minimum of ONE ATTENDANT be present. Please review FORMATTED SPEC SHEETS for specific attendant location or if MORE THAN one attendant is needed. (A Formatted Spec Sheet is an additional document with IAD stats) whether operated indoor or outdoor, this unit MUST BE anchored/tethered at all times. We cannot be held liable for injury or situations that require triage if guidelines are not followed.

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## INFLATABLE AMUSEMENT DEVICE SET-UP

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Now that you have the space allocated for the IAD... (3.1)

### —> LET'S GET IT SET UP! <—

The inflatable amusement device has been provided with an anchoring system to prevent unplanned displacement during operation.

**Due to your state/city ordinance you may be required to meet those recommended/preferred standards with longer stakes. Please be aware of all such standards, practices and ordinances for your area and customer needs.**

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## TOOLS & EQUIPMENT (3.2)

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**Sledge Hammer**

**Ground Cover/Tarp**

**Hand Truck (Dolly)**

**50' or 100' - 12-gauge extension cord Stakes**

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### SLEDGE HAMMER (3.3)

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Sledge hammer is utilized to anchor the inflatable amusement device stakes.

Always check the soil compaction or density of the ground the inflatable device will be anchored in to. Gauge the validity of using stake by noting if you can/can't insert the stake by pushing into soil by hand or foot. (ie: no need for a sledgehammer) This is the indicator that another means of securely anchoring the inflatable device is required.

Please use caution when installing stakes and using a sledge hammer. If necessary wear protective eye wear and any other protective equipment, clothing or shoes that are deemed reasonable for those using the sledge hammer, setting up the IAD and during the deflation process. *(You're welcome.)*



## INFLATABLE AMUSEMENT DEVICE SET-UP (Continued)

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### GROUND COVER/TARP (3.4)

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The landing surfaces are the areas beneath and directly adjacent to the areas where patrons enter and exit the IAD. This also includes any areas where a patron would land when exiting or falling from the IAD.

The areas where patrons enter/exit and any other surrounding surfaces where a patron may not be securely contained inside the device should have impact zone awareness mats or impact mats set up and extend at a minimum of 4' from those areas.

TO DETERMINE THESE AREAS:

- (1) Impact mat must extend 4' around the entrance area or ramp of a jumper or bounce house.
- (2) Impact mat must be located at both entrance and exit locations of a laterally run obstacle course extending out 4'.
- (3) Impact mat must be placed at areas considered common openings for a slide entrance and exit with area extending 4'.

Please check into materials that you may be required to provide for landing areas for different situations. Impact mats manufactured for outdoor locations may not meet the requirements of indoor specifications.

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### SITE INSTALLATION (3.5)

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IAD shall be operated away from environmental hazards. Make sure the area is clear of any debris and that you have 5' clearance around and above the perimeter of the IAD. Set up should only be done on an event site free from debris.

INSTALLER shall comply with ground default interruption requirements when electrical connections are required.

Anchor ropes, tethers or tie downs shall be attached at all specified points using anchor system devices in accordance with manufacturer's recommendations.

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### STAKES & ANCHORING THE IAD (3.6)

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Stakes are used to anchor and secure the inflatable amusement device (IAD) and should be used for such. No, you cannot use an alternative means of anchorage outside of the recommendations of stakes, sandbags, water bags.

Due to the requirements and ordinances of your specific state you should ALWAYS default to follow the stipulations set forth for your permitting or licensing qualifications. Your inflatable amusement device has been engineered with anchors (located around the base of the device) and when an inflatable slide is over 12' each side will have tethers. (tethers are the ropes connected higher on the inflatable that are used in conjunction with a stake to restrict movement)

Because of the complexity of this issue as both an ASTM standard and a very specific standard by the state of New Jersey we are going to address this in two separate sections in this heading.



## INFLATABLE AMUSEMENT DEVICE SET-UP (Continued)

### MANUFACTURER RECOMMENDATIONS (3.7)

You should have the same amount of stakes as your inflatable device has anchors and tethers when on-site to set-up at an event. There is never a good scenario to find you are missing supplies when you're on-site and it can be even more catastrophic to find that you are missing a stake or sandbags when setting up at any event - we highly recommend that you always be prepared by having a couple extra stakes/sandbags in reserve.

When you are inserting the stake into the ground you want OPTIMUM holding power. That is achieved by hammering the stake straight down into the ground. That is considered a 90-degree angle.

**CONTACT all utility companies and have all underground utility lines properly located so no accidental contact occurs when driving stakes**

Ensure there are no underground irrigation pipes or other utilities that the property owner has installed.

WHAT ARE THE SPECIFICS ABOUT THE ASTM REQUIREMENTS REGARDING STAKES?

Each IAD will have a minimum of 4 stakes. We have an obstacle course that combines 4 IAD's that require 28 stakes... (we're not showing off) we're just saying be ready to spend some time and effort because...

You will need to review the IAD spec sheet as to how many stakes you need, the size of the stakes required, and how deep the stakes need to be put into the ground.

The knot that helps to hold your device to the ground should be close to the ground. *(Knots are static mechanics and quantum physics. Being Einstein is part of the job. Pretty impressive, right? So let your inner-Einstein shine!)*

What sort of knot would be considered most effective: The Lark's Head knot (see larger illustration on page 17)

SANDBAGS can be used in conjunction with stakes or in-place of the stake.

Why is that?

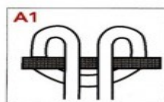
(1) indoor venue

(2) ground texture ie: soil or cement - sand, concrete, etc...

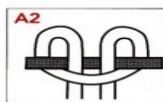
#### Lark's head knot

This can be tied horizontally or vertically.

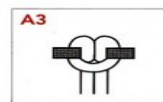
##### Horizontal version



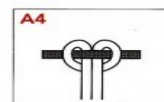
1 Fold the cord in half and place it over the holding cord.



2 Pull the loop down behind the holding cord and pull the two ends down and through the loop.



3 Pull tight.



The reverse side of the lark's head knot.

How much should a sandbag weight: Please see your spec sheet for recommendations

How does the sandbag work with the webbed rope anchor:

Use a carabiner or clamp to connect the sandbag D-Ring to the D-Ring **located on the IAD's anchor.** (note below for New Jersey)\*

### NEW JERSEY & PENNSYLVANIA REQUIREMENTS (3.8)

NEW JERSEY INFLATABLE AMUSEMENT DEVICE (IAD) REGULATIONS:

This is a very specific section for all our New Jersey family of inflatable amusement device owners/operators. Your Spec Sheet that is specific to your unit supersedes the information in this GENERAL MANUAL where there are differences.

Reference N.J.A.C. 5:14A-13.7(d) Ground stakes shall be a minimum of 40"x1" for slides 15 feet or higher. (That's based on the platform that the patron sits and slides down) Any slide 15 feet or higher will require 40"x1" stakes to secure the anchors and tethers. 40" STAKES will be buried 38". All anchors shall be protected to prevent them from being a hazard to the public.

SANDBAGS are the same recommendation for NJ: 100lbs per container \*(refer to note above about carabiners & D-Rings)

Operators must be qualified, trained and at least 16 years of age. Training requires that the Owner document any training along with providing the manual so that the device will be safely operated, and if there should be any changes in the normal operating condition, appropriate action can be taken.

\*\*\*\*\*

PENNSYLVANIA INFLATABLE AMUSEMENT DEVICE (IAD) REGULATIONS:

This is a very specific section for all our Pennsylvania family of inflatable amusement device owners/operators.

The Pennsylvania Amusement Ride Inspection Act, No. 1984-81, as well as, the Amusement Ride Regulations for the Commonwealth of Pennsylvania refer to ASTM Standards. LIMITED AFFILIATED QUALIFIED INSPECTOR—INFLATABLES STUDY MATERIAL released by Pennsylvania's DEPARTMENT OF AGRICULTURE BUREAU OF RIDE & MEASUREMENT STANDARDS DIVISION OF AMUSEMENT RIDES states that Pennsylvania has adopted ASTM F-24 Standards as a portion of its Rules and Regulations.

This requires that IMPACT MATs must meet ASTM F2374-19 Section 5.16.6 standards. IMPACT MATs are **mandatory** at all ingress and egress locations of an inflatable, **MUST** be used during operation, and shall extend 4' from any uncontained edge of the inflatable device.



## ON-SITE MANAGEMENT GUIDELINES

This is when you are out in front of your customers and the public. There are some variables here that will make the difference as to whether you, your employees and your company create an ever-growing business or find out where there is some room for improvement. You are going to get scrutinized on your ability to set-up/deflate or remove the inflatable amusement device (IAD), as well as, how you control any situation that comes up.

### Prepare. Practice. Produce. (4.1)

#### Recommended Number of Installers (4.2)



The installer is the person who does the physical work of setting up the device at the site prior to patron use. The appropriate barriers, signage, lighting and landing surfaces will be set up at this time.

##### 2 INSTALLERS Minimum

Operating documentation should be available to all colleagues participating in events with IAD's. Training on how to properly set-up/deflate and maintenance of IAD is required.

#### Recommended Number of Operators (4.3)



Operators supervise patrons and monitor the inflatable device while it is in operation and are to be at least 16-years old per jurisdiction.

##### Specific to IAD type and size:

- ◆ 1 Operator for IAD's with one entrance.
- ◆ For open-end obstacle: 1 OPERATOR at entrance and 1 OPERATOR at exit.

**ALWAYS refer to manufactures design recommendations**

#### Know YOUR Patrons & The Rental IAD at an Event (4.4)



There are potential risks in any activity. It is everyone's responsibility to use the IAD properly. Patrons must exercise good judgment and be informed of any risk that they should take into consideration along with proper behavior. Cause for removal is determined upon actions.

##### Number of Patrons: IAD Type and Size:

- ◆ 1-3 Patrons ONLY on SLIDES and OBSTACLE COURSE IADs
- ◆ 2-10 Patrons on inflatable GAMES
- ◆ 2-8 Patrons on multiple OBSTACLE COURSES attached to each other
- ◆ 1-8 Patrons on BOUNCERS/COMBOS

**ALWAYS refer to manufactures design recommendations**

#### Patrons - The Minimum/Maximum Recommendations (4.5)



Events bring their own sets of challenges and issues. Determination of how to group your patrons when an IAD allows for multiple users can be based on a few factors.

##### Height of Patrons: IAD Type and Size:

- ◆ 36" - 70" Patron height for SLIDES and OBSTACLE COURSE IADs
- ◆ 36" + Patron height for inflatable GAMES
- ◆ 36" - 70" Patron height on BOUNCERS/ COMBOS

##### Max Weight per Patron:

- ◆ 175lbs Patron weight all IAD's (refer to numbers of patrons allowed on IAD at one time)

**ALWAYS refer to manufactures design recommendations**

#### TODDLER IADS (4.6)

Our manual is a general manual. The outline for the use of the general manual is to set guidelines based on states that enforce strict regulation policies. Toddler IADs are meant for small children based on the size of the inflatable and the purpose of obstacles within the IAD/size-wise.

The technical term "toddler" refers to a child 12 -36 months. <https://en.wikipedia.org/wiki/Toddler>

Based on the motor development and ability to independently act on their own – the link above and several others we reviewed definitely provide insights into the best abilities of a small person under the age of 36 months. This is especially considered when the use of an inflatable has multiple children at one time.

We use caution when putting information into our manual to provide guidelines for the use of an inflatable; but that is considered "manufacturer's recommendation". How a customer decides to use the IAD is completely up to the company and renter based on the agreement that is signed and any stipulations made by the company within their Renter's Agreement.

**MANUFACTURER'S RECOMMENDATION:** Each unit stipulates that a minimum of ONE ATTENDANT be present. Please review FORMATTED SPEC SHEETS for specific attendant location or if MORE THAN one attendant is needed. (A Formatted Spec sheet is an additional document with IAD stats) Whether operated indoor or outdoor, this unit MUST BE anchored/tethered at all times. We cannot be held liable for injury or situations that require triage if guidelines are not followed.



## ON-SITE EXTRAS

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### **HAVE A MEETING WITH YOUR CREW:** (5.1)

We highly recommend that all owners and operators read and thoroughly understand procedures to using the inflatable amusement devices going out to customer venues.

OUR INDUSTRY depends on proper training to ensure safe operation!

### **POWER and/or GENERATOR:** (5.2)

If you have an on-site power source: (5.2.1)

Make sure that the power is a 20 amp 100v circuit that does not get turned off by a switch or timer.

If you are using a generator: (5.2.2)

Keep generator a minimum of 15 feet from the blower system.

Exhaust fumes can be sucked into the blower and may cause carbon monoxide poisoning inside the inflatable.

AVOID shock hazards by grounding your equipment. This will require that you run a wire from the generator to a metal stake in the ground.

**WARNING!** (5.2.3)

Many states require a GFI-Box (ground fault interrupter) to be located close to an operator. Please contact your local authorities for your requirements.

### **EXTENSION CORDS:** (5.3)

Are you in a location that will require an extension cord?

Check with the municipality you will be setting up in for requirements.

It is best to use a Hi-Visibility Outdoor Heavy-Duty Extension Cord. At this time we recommend either 10-gauge or 5-gauge extension cords in 25-100 ft. length. There are several that have an indicator on the end that visually shows the power is on. Make sure that the power cord is securely connected INTO the power outlet.

### **CANCELLING A RENTAL AGREEMENT:** (5.4)

There may be times when it is in your company's best interest to cancel your agreement

Temperatures: (5.4.1)

Do not operate or allow patrons on the IAD in temperatures that may result in minor burns from sliding/climbing surfaces that are hot from outdoor weather temperatures.

Wind Conditions: (5.4.2)

Keep in mind that an inflatable amusement device should NOT be set up or used in wind conditions that exceed 15 mph. Proper staking and tethering can make low-wind ( $\leq 15$ mph) conditions a mild concern; but be prepared to shut-down and deflate the IAD when weather and wind conditions change.

IAD Repairs: (5.4.3)

Always be aware of the condition of your inflatable amusement devices. We highly recommend a written log be kept on each IAD, the accessories used and who properly performed the inspection. Know when your repairs need to be made to take advantage of the life of your IAD and being a responsible entrepreneur to your customers.

### **PATRONS WITH SPECIAL CONSIDERATION:** (5.5)

Be prepared to take the best care of every patron that will be using your IADs. Be sure your on-site operators have guidelines for the use of the IAD for those that may be physically challenged or require extra consideration due to any impairment that requires extra consideration during activity.

### **DENYING ENTRY OR USE OF THE IAD:** (5.6)

It is the patron's duty to NOT participate in or on any IAD when under the influence of drugs or alcohol. This may require the on-site operator to deny entry. Ultimately the patron accepts the risks inherent in such participation and any/all such participation should be noted by the on-site operator for documentation purposes.



## INSPECTION CHECKLIST (DAILY) & WARNINGS

### PRE-OPENING INSPECTION (6.1)

Just like any team on game day - YOU'RE IN IT TO WIN IT. So make sure you and all staff have everything in place to wow your customers.

- ◇ Conduct an inspection and DOCUMENT this along with having the team sign off on what was done, the condition of the IAD including the restraint devices, safety equipment...and... communication devices you use to stay in contact with one another. (you'll thank me for this later: nicole@ezinflatables.com - I'm also open to criticism or insights)
- ◇ Check all mechanical equipment.
- ◇ Be aware of your weather and daily changes throughout the time the IAD will be out.
- ◇ KNOW where you're going. Will you need to bring extra electrical cords? A generator? Is there a water supply? <— you'll thank me for that one when a waterslide is rented and the location is out in the middle of dryland - yes, customers will want you to supply water. If you can't - you're now renting a slide. Have appropriate items to prep slide. (slide slick)
- ◇ MAKE SURE your on-site staff are age appropriate. Most states require the staff be at least 16-years of age.
- ◇ BE CONFIDENT your staff knows what they are doing. Have them sign off on the training documents but also make sure they are physically capable of being on-site for set-up/attending/deflation/clean up.

### INSPECTION CHECKLIST (6.2)

Use this as an on-site checklist to confirm the IAD and all equipment are in working order.

BE SURE THAT THIS IS A DOCUMENTED PROCEDURE WITH STAFF SIGN-OFF

- ◇ Make sure that the blower(s) is attached properly and securely to IAD.
- ◇ Check that all deflation zippers are closed and secured.
- ◇ Check air blower electric attachment to be sure it has been properly plugged in to receptacle.
- ◇ Make sure air blower fans are not obstructed. Air intake is imperative to proper use.
- ◇ Check inflation of the IAD. Make sure it is properly inflated to correct firmness.
- ◇ Make adjustment to slide and climb covers. If necessary, reposition to properly secure.
- ◇ Make sure all tether points are attached properly.
- ◇ Crawl through the IAD. Check all visible seams for wear and tear.
- ◇ Check netted area and sun covers to be sure they are in place and in good condition.
- ◇ **SUPERVISION BY A TRAINED ADULT ATTENDANT IS REQUIRED AT ALL TIMES.** We will not be held accountable for injuries or incidents that require first aid especially when this element of safety is dismissed by both your company and your client.

### ON-SITE INCIDENTS & DOCUMENTATION REQUIREMENTS (6.3)

On-site incidents come in all forms. These need to be documented and kept on file. If it's due to a manufacturing issue than notification must be provided to our offices within 7 days: info@ezinflatables.com or fax: 626-480-7500

AN INCIDENT REPORT NEEDS TO HAVE DETAILED INFORMATION. PLEASE GOOGLE "Incident Report Template" for use. The following examples will require documentation:

- ◇ Any administration of first-aid: minor incident, hospital admission, illness or injury that may require future treatment.
- ◇ Incident occurring while on the Inflatable Amusement Device.
- ◇ An illness that occurs while participating on the Inflatable Amusement Device.
- ◇ Not-onsite related injury/illness; but patron attends and further problems occur on-site.
- ◇ Injury or illness while starting-up, shutting down by staff.
- ◇ Injury or illness while waiting to participate. This is classified as a QUE LINE INCIDENT (this is for your records)
- ◇ Manufacturer related incidents due to a construction or device design must be documented, notification sent and IAD review must be initiated for possible modification before IAD can be used again.
- ◇ All other incidents predetermined by you and your staff may be considered "required" documentation based on potential concerns for patrons attending and conditions that warrant cautionary measures.
- ◇ **SUPERVISION BY A TRAINED ADULT ATTENDANT IS REQUIRED AT ALL TIMES.** We will not be held accountable for injuries or incidents that require first aid especially when this element of safety is dismissed by both your company and your client.





## INSPECTION CHECKLIST (DAILY) & WARNINGS (Continued)

### WARNINGS (6.4)

These may not seem like warnings in the scary sense; but we're just making sure you are ready for all possibilities. The warnings are posted "AT YOUR OWN RISK" but with proper training and oversight of the environment - you're going to have a business that provides families and communities with great times. (6.4.1)

- ◇ Inflatable Amusement Devices (IAD's) are very, very heavy. When lifting any type of heavy weight, be sure to lift with your legs and NOT your back. If in doubt about ability to move something, get assistance. *(OK. This may seem like a "no duh" moment to anyone who is in the industry; but err on the side of warning to be in this business long-term and be smart.)*
- ◇ Do Not Operate this IAD while raining or in wet conditions.
- ◇ Do Not Operate when winds exceed 15MPH and/or temperature is less than 40 degrees Fahrenheit. *(We've used social media to inquire what our customers have dealt with regarding temperatures - many of our "cold climate" customers responded that they set up in the winter with temps lower than 40 degrees; but it's the deflation and rolling up of the IAD that becomes the task that can ruin the inflatable. Please keep in mind when you are exposed to colder elements for long periods of time - you also put yourself in danger.)*
- ◇ ALWAYS contact the utility company before pounding stakes into the ground. You'll be happier at the end of the day.
- ◇ Be aware that all outdoor weighted containers MAY NOT comply with all state tethering requirements for inflatable equipment. *Don't short-change your patrons safety and well-being for a short cut.*
- ◇ When on-site with patrons be aware of those getting on/off the IAD, patrons in the midst of play on the IAD and NEVER leave the IAD unattended.
- ◇ Allow only the specified maximum number of patrons on the IAD at any one time. Enforce size and weight restrictions when provided by the manufacturer.
- ◇ Keep spectators and waiting riders back 3-feet or more away from the blower fans.
- ◇ Make periodic checks of the IAD, the anchoring system, and blower to insure they remain in good operating condition and have not come loose or disconnected from the IAD.
- ◇ You and your staff have the right to refuse/deny entry. Know those reasons and why you are preventing a possible injury or risk to your patrons and fellow employees.
- ◇ In the event of ACCIDENTAL DEFLATION: Exit immediately and in an orderly manner. The estimated deflation time is ≤2minutes. Instruct the children to sit down inside the inflatable to move toward the exit. For slides, have the patron(s) slide down or climb down the ladder (if less than 1/2 way up). Assist all patrons to exit.

These are cautionary warnings specific to the inflatable amusement device. (6.4.2)

- ◇ **SUPERVISION BY A TRAINED ADULT ATTENDANT IS REQUIRED AT ALL TIMES.** We will not be held accountable for injuries or incidents that require first aid especially when this element of safety is dismissed by both your company and your client.
- ◇ Avoid rough play (The games will not be less fun when your patrons end the day happy.)
- ◇ Sharp objects are FORBIDDEN
- ◇ Remove loose objects from pockets
- ◇ Remove shoes before entering
- ◇ DO NOT flip, jump or dive down the slide or on the inflatable
- ◇ DO NOT wear eye glasses or sunglasses (we're apologize but these are considered hazards)
- ◇ DO NOT wear jewelry
- ◇ DO NOT throw anything at other patrons
- ◇ DO NOT pull on anyone who is attached to a bungee cord(s)
- ◇ No double sliding
- ◇ Adults must not have a child on their lap for slides
- ◇ DO NOT slide down until the landing area is clear of other riders.
- ◇ Exit landing area after sliding

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## GUIDELINES

### COMPLICATIONS (7.1)

#### *WEATHER CONDITIONS:*

Incase of rain and/or lightening, have children exit the IAD and turn off the blower. Fold the IAD and cover it with a tarp as soon as possible to help keep it dry. When rain stops use towels to dry the inside of the IAD, then follow the SET-UP steps before resuming play.

#### *POWER FAILURE:*

If the blower stops, riders must immediately stop jumping and calmly exit. Hold open the exit flap (if applicable) and guide the patrons out. Overloading an electrical circuit is the most common cause of the blower stopping; reset the fuse panel and make sure the blower has a dedicated circuit.

#### *ADDITIONAL SIGNAGE & SAFETY GUIDELINES:*

Operators must make every patron aware of the following information before allowing them to participate on any inflatable.

YOU and YOUR staff are responsible in monitoring the behavior, following directions, capacity and weight limits that need to be strictly followed for everyone's safety and well-being.

We recommend having a sign made that can be placed in front of the IAD, and large enough to read from a minimum distance of 50".

Along with the warning signs sewn onto the IAD here is a possible sign to display:

We want you to have the most fun possible while helping us maintain the highest level of safety for you and your operators. You should not participate if you have any of the following conditions:

- ◆ Current or previous injury to the back and/or neck
- ◆ Any respiratory conditions, including but not limited to Asthma or Bronchitis
- ◆ Pregnancy
- ◆ Chronic knee or other joint conditions
- ◆ Any heart or circulatory conditions

### REMINDERS (7.2)

#### **DO NOT LEAVE THIS UNIT UNATTENDED DURING OPERATION FOR ANY REASON!**

#### *INFORMATION SPECIFIC TO PATRON(s) USE:*

Remember these inflatables do require a certain amount of physical exertion, and you must judge for yourself your ability to participate. If you decide to participate, we suggest you do the following for your own personal safety:

- ◆ **DO NOT ENTER THIS UNIT IF AN ATTENDANT IS NOT PRESENT!**
- ◆ **Follow the attendant's instructions closely**  
**THEY ARE THERE FOR YOUR SAFETY!**
- ◆ **Enter/Exit the inflatable ONE PERSON at a time**
- ◆ **Remove all loose and dangling jewelry and/or clothing, bracelets, watches and earrings**
- ◆ **Remove shoes**
- ◆ **NO flips, wrestling, or extreme horseplay allowed while on inflatable device**
- ◆ **DO NOT bounce closer than four feet from each other**
- ◆ **DO NOT bounce on the steps or near the doorway**
- ◆ **NO sharp objects allowed inside the inflatable unit**
- ◆ **NO climbing or hanging on the outside walls or roof**
- ◆ **NO ONE is allowed on the ride while it is being inflated or deflated**
- ◆ **No silly string or glitter to be used**
- ◆ **DO NOT tape or apply anything on to the ride**
- ◆ **Stay off netting at all times**

**If you have any questions, or are unsure of your ability to participate, ask the attendant for assistance.**

**OPERATORS MUST TAKE CONTROL - USE A WHISTLE**





## SAFETY OPERATING INSTRUCTIONS (8.1)

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- ◆ Children's safety depends on the presence of an operator. Always have the inflatable amusement device supervised by an operator who has received and understands the safety rules.
- ◆ Check GFCI at least once per event after the initial set-up.
- ◆ DO NOT set up near swimming pools.
- ◆ Keep an age and size of riders comparable. Extra caution is needed for children ages three and under.
- ◆ Never allow older kids to bounce with children three years of age or younger.
- ◆ No one should be permitted to ride the IAD if weight exceeds the indicated amount.
- ◆ Individuals with head, neck, back and other muscular, skeletal injuries or disabilities, pregnant women, small infants, and others who may be susceptible to injury from falls, bumps or bouncing are not permitted on or in IAD at any time.
- ◆ Number of riders should be limited to the number specified on the label located on the back of the IAD near the air tube.
- ◆ Absolutely no pets are allowed on or by the IAD at any time.
- ◆ DO NOT allow climbing on the IAD or netting equipment by anyone inside or outside of the inflatable amusement device.
- ◆ DO NOT allow anyone to jump on the inflatable near the door of the IAD.
- ◆ No flips, wrestling or extreme horseplay is allowed while on the ride.
- ◆ DO NOT allow riders to bounce closer than four feet from each other.
- ◆ Keep riders from putting netting in their mouths.
- ◆ NO food, drinks, gum, candy, confetti or trash in or around the IAD.
- ◆ DO NOT allow any silly string in or around the inflatable, it will damage the IAD.
- ◆ NO one is allowed on the ride while it is being inflated or deflated.
- ◆ IAD must be anchored prior to and during operation.
- ◆ Persons not following the safety rules should be asked to leave.
- ◆ DO NOT spray water in/on the bounce houses/jumpers or dry slides ride for any reason.
- ◆ If wind becomes excessive (15 MPH or more) unload occupants and deflate the ride.
- ◆ DO NOT allow anyone to put fingers/hands or any objects into the fan intake, motor, motor housing or outlet when running.
- ◆ Check the blower/inflation tube regularly to ensure there is not any excessive leakage.
- ◆ Only one person may slide per sliding area.
- ◆ Do not slide head first.
- ◆ Do not jump or dive in the slide.
- ◆ Only one person per lane on obstacle courses and slides.
- ◆ The landing area of a slide must be clear before the next person begins to slide down.
- ◆ Operator should be present at the climbing area to help climbers or remove those who are not capable of climbing.



## SET-UP PROCEDURES (9.1)

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- 1) Place your ground cover sheet over the site where you want the inflatable to stand.

See Illustration A:

- 2) Place and adjust the IAD on the ground sheet so that it is centered and lines up correctly. Unknot the straps and remove them. Place them aside so you don't lose them.

See Illustration B1 & B2:

- 3) Unroll the blower tubes. Unroll the IAD. Unfold the sides and straighten them out. Make sure that your ground cover sheet covers the entire unfolded IAD.
- 4) Stake down at least 2 opposing corners of your inflatable to ensure a safe set-up during the inflation process.

See Illustration C:

- 5) There are two blower tubes for most IAD's. Select the blower tube that is closest to the power source. Slide the blower to secure and wrap the strap, especially around the bottom. Tighten the strap using the self-locking clip which is attached to the strap. Plug the fan power cords into the extension.

See illustration D:

- 6) Close the other blower tube's opening by pleating or folding the vinyl fabric as tight as you can. Then use the attached strap to secure it shut. This does not have to be air tight. Escaping air is what makes your IAD bouncy
- 7) Plug the extension cord into the power source. Make sure the extension cord is out of the way of foot traffic and taped down. Locate the "on/off" switch on the fan and turn it on. Observe the inflation of the IAD as it rises.

See Illustration E:

- 8) Locate all the tie down straps on the bottom of the IAD. (There should be at least one tie down strap on each corner and in some cases, one in-between corners.) Extend the strap and drive the stakes through the ring at the end of the strap. Locate all upper tethers and use the provided straps to extend them to the ground. Stake these tethers down in an approximately 90-degree angle. Sand/Water bags can be used instead of stakes - Check the appendix for information about the number of bags to use. BEFORE DRIVING STAKES: Make sure they are not in the vicinity of utilities or irrigation.
- 9) Before allowing play on any IAD - PLEASE! - do a quick inspection. When properly inflated, the IAD will be pressurized and firm.

ITEMS OF NOTE: (9.2)

ALWAYS USE THE STAKES REQUIRED FOR YOUR AREA: SPECIFIC TO STATE/CITY CODES, STANDARDS AND ORDINANCES.

Do you have a multi-unit IAD/obstacle course?

- A) If your rental is 2 connecting IADs end-to-end, place and adjust the two units so that they open up against each other. Unknot the straps and remove them. Place them aside so you do not lose them. Make sure that the attachment Velcro pieces line up to each other.
- B) If your rental is 3+ connecting IADs side-by-side, place and adjust the units next to each other as shown on our website. Unknot the straps and remove them. Place them aside so that you do not lose them. Make sure that the attachment Velcro pieces line up on all units.
- C) After the multi-unit pieces have been inflated, move the pieces so that the Velcro attachments line up to each other, then deflate the IADs. Once IADs are deflated, connect the Velcro points. If the IADs are placed next to each other correctly, one side should have two flaps with Velcro on the inner sides of the flaps while the corresponding IAD has one flap with Velcro on the two outer sides. Place the two-sided Velcro flap between the two flaps of the corresponding IAD and secure. Turn the motors on and re-inflate the IADs.

ITEMS OF CAUTION: (9.3)

DO NOT place fingers or hands into the intake or outlet when the fan is operating.

DO NOT allow any children or adults in the rear of the IAD or near the blower fan at any time.

**MAKE SURE THE PERSON(S) OPERATING THE IAD UNDERSTANDS ALL THE RULES AND SAFETY PROCEDURES**



## TIE-DOWN KNOT & WIND GAUGE GUIDE

### LARK'S HEAD KNOT (10.1)

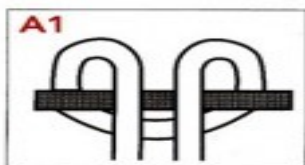
USE THE KNOT WHEN TYING DOWN THE IAD WITH THE ANCHORS AND TETHERS:

- A. Fold the cord in half.
- A2. Place the stake in between the circular loops.
- A3. Pull the anchoring strap or tether tight around the stake.
- A4. Review pic to make sure your anchors and tethers match the description and securely holding IAD in place.

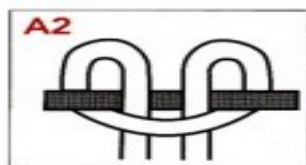
### Lark's head knot

This can be tied horizontally or vertically.

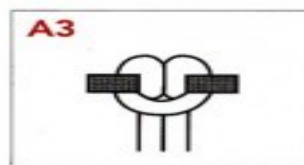
#### Horizontal version



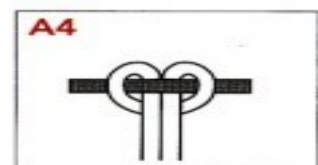
**1** Fold the cord in half and place it over the holding cord.



**2** Pull the loop down behind the holding cord and pull the two ends down and through the loop.



**3** Pull tight.



The reverse side of the lark's head knot.

### WIND SPEED ASSESSMENT: (10.2)

A variety of inexpensive methods exist for monitoring wind speed. [Google](#) search for "beaufort scale" or App search for "wind speed" can be very helpful.

This enlarged Beaufort Scale gives guidance on wind speed estimates based on observed conditions for the conditions in your local environment.

Appropriate anchoring and monitoring of wind speed is essential for the safe operation of any IAD.

## Beaufort Scale

Beaufort number	Wind Speed (mph)	Seaman's term	(10.3)	Effects on Land
0	Under 1	Calm		Calm; smoke rises vertically.
1	1-3	Light Air		Smoke drift indicates wind direction; vanes do not move.
2	4-7	Light Breeze		Wind felt on face; leaves rustle; vanes begin to move.
3	8-12	Gentle Breeze		Leaves, small twigs in constant motion; light flags extended.
4	13-18	Moderate Breeze		Dust, leaves and loose paper raised up; small branches move.
5	19-24	Fresh Breeze		Small trees begin to sway.
6	25-31	Strong Breeze		Large branches of trees in motion; whistling heard in wires.
7	32-38	Moderate Gale		Whole trees in motion; resistance felt in walking against the wind.
8	39-46	Fresh Gale		Twigs and small branches broken off trees.
9	47-54	Strong Gale		Slight structural damage occurs; slate blown from roofs.
10	55-63	Whole Gale		Seldom experienced on land; trees broken; structural damage occurs.
11	64-72	Storm		Very rarely experienced on land; usually with widespread damage.
12	73 or higher	Hurricane Force		Violence and destruction.

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ALL ENCOMPASSING for States & Global



## DEFLATION & PACKING INSTRUCTIONS

### **BEFORE DEFLATING:** (11.1)

1) Before breaking down any IAD, inspect the unit(s) for any damages and repair as necessary. Remove all accessories that may be applicable to the game. This may include items such as harnesses, backing plates, bungee cords, etc. Be sure to use a quality broom to sweep the surface of the unit free from any debris. Check to make sure that no sharp objects have fallen into the seams of the unit, ie: pens, rocks, etc. Also make sure the IAD is dry, if not, dry it out.

2) Buckle any plastic snaps to reduce the possibility of entanglement in the mesh.

**Note:** If the IAD has steps attached to it, we highly recommend removing the steps and rolling them separately. This is to ensure the life span and quality of the steps.

### **DEFLATING:** (11.2) See Illustration A:

3) When play time has come to an end and all patrons are off the IAD and at a minimum of 5' away begin the deflation process. Go around the unit and open the Velcro flaps first. Turn off and unplug the blower fan. As the IAD begins to deflate, go around and unhook the strap that secures the blower tube to the blower. Unhook the strap on the other blower tube to allow air to escape. If the IAD has zippers open them to speed up the deflation process.

4) Pull out the stakes around the IAD and pack them up. (*refer to mu -IAD De guide below*)

See Illustration B:

5) Walk from front-to-back on the IAD to move any remaining air towards the blower tubes.

### **FOLDING:** (11.3) See Illustration C:

6) Make two folds to the center of the IAD and walk around on it to move air toward open venting. See Illustration D:

7) Again make two half folds to the middle and walk around to remove any air.

8) Fold in the half folds and again walk around removing any remaining air. You are now ready to roll!

### **ROLLING:** (11.4) See Illustration E:

9) Prior to rolling the IAD, make sure that there is no excessive air and the fold is firm. Start your roll from the front of the IAD and roll it up like a sleeping bag. Keep pushing and flattening the roll as you go. You may also want to have someone walk on the roll in front of you.

See Illustration F:

10) At the end of the roll, the blower tubes must be on the outside. Slide the straps under the IAD and then run the end of the straps through the rings on the other end of the straps- pull tight. Loop the end of the strap around and tie a tight slipknot.

### **STANDING & BAGGING THE IAD TO LEAVE:** (11.5)

11) Place the storage bag over the end of the game and work it down as far as you can. It is important that you work the bottom of the bag down to the top of the roll. Rotate the IAD 180-degrees and pull the bag over the top of the IAD. Tie the bag closed. Use a two-wheel dolly to transport the blower and accessories back to the same area. Now you are ready to pack up and leave.

### **ITEM OF NOTE:** (11.6)

#### **MULTI-IAD DEFLATION:** (11.6.1)

Has the layout been set up as a multi-unit IAD/obstacle course?

If your rental is 2 or more connecting IADs unhook the Velcro attachments. Proceed to follow steps 4-11 for each individual IAD.



## MAINTENANCE

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### EQUIPMENT MAINTENANCE (12.1)

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Keeping your IAD well maintained will ensure the unit continues to provide years of great use and a steady stream of income. That is why we strongly recommend cleaning your inflatable IAD before and after every rental. This can be a brief spot cleaning. This will give you the opportunity to inspect the unit for wear and tear damage. Check the underside as you fold and roll the IAD, keeping an eye out for scuffs and tears. You should also give it a quick disinfecting so that it is ready for its next use. Should equipment such as bungee cord, D-Ring, harness and/or safety helmet be damaged, contact us at [info@ezinflatables.com](mailto:info@ezinflatables.com) or call toll free (888) 344-5867 to purchase new one items or for direction on repair consideration.

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### MONTHLY MAINTENANCE (12.2)

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- ◇ Schedule monthly times to set up each IAD and inspect it in detail.
- ◇ Check the underside for weak spots or scuffs and apply patches as needed.
- ◇ Inflate IAD and deflate to check the roof. Spray an all-purpose cleaner and wipe down.
- ◇ Spray disinfecting cleaner in the blower tubes so that it can help keep the inside clean.
- ◇ Re-inflate the inflatable amusement device and work your way from one side of the entrance all the way around it - spraying down and wiping as much of the IAD as possible.
- ◇ Have a stepladder available so that you can reach the higher sections.
- ◇ Climb inside the IAD and repeat the cleaning process.

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### THE "DO NOTs" OF PROPER MAINTENANCE (12.3)

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**DO NOT** use chlorine based cleaners or bleach cleaners as it may damage the threads.  
**DO NOT** use bathroom cleaners.  
**DO NOT** use any cleaner that warns, "Do not use on soft vinyl".  
**DO NOT** use any abrasive cleaners.

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### KEEP IN MIND (12.4)

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KEEP IN MIND THAT CHILDREN ARE GOING TO BE IN CONTACT WITH THE DISINFECTED AREAS AND POSSIBLE CLEANING RESIDUES, BE SURE TO USE A CLEANER THAT IS NON-TOXIC AND SAFE.

ALWAYS test new cleaner on a scrap from your repair kit before applying it to your IAD.

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### SINGLE PATCH METHOD: repairs 12" or less (12.5)

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- ◇ Cut an oval patch of proper material that is approximately 2" larger than the tear.
- ◇ Clean the surface around the tear with a recommended solvent.
- ◇ Apply the proper glue to both the patch and the fabric around the tear.
- ◇ Let glue dry for 3 minutes.
- ◇ Press the glued sides together for 15 minutes, until the glue has dried.
- ◇ Begin inflation and check for leaks around the patch.

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### DOUBLE PATCH METHOD: repairs larger than 12" (12.6)

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- ◇ Cut the appropriate size patch as described above.
- ◇ Clean the interior surface around the tear, apply the glue, let dry and press together as described above.
- ◇ After the inside patch has dried for 15 minutes, apply another patch to the outside in exactly the same way.
- ◇ Begin inflation and check for leaks around the patched area.

# **EZ Inflatables, Inc.**

## **Quality Assurance Program**

### ***Introduction***

This Quality Assurance Program (QAP) is produced in accordance with the requirements of ASTM F2374-19. The QAP is to be followed for the manufacture of all inflatable devices produced by EZ Inflatables, Inc.

All inflatable devices manufactured by EZ Inflatables, Inc., are produced in accordance with the requirements of ASTM Committee F24: Amusement Rides and Devices, with particular reference to ASTM F1193-18:4, *Quality Assurance Program*. Most devices are also approved by various regulatory jurisdictions under these requirements and it is essential that EZ Inflatables, Inc., maintain the highest standards of quality assurance for all its products.

### ***Drawing Control***

All cutting drawings are signed and approved by the Chief Designer and are consistent with the designs that are registered with the various regulatory authorities. The Chief Designer is responsible for ensuring that only the current release of the drawing is available for the manufacturing department.

All drawings are maintained in the drawing file. When an order is received in the manufacturing department, the Production Manager will retrieve the drawing from the file and take it to the production unit.

When the manufacturing process is complete, the drawings are then returned to the drawing file.

When a new release of the drawing is produced and approved for manufacture, the Chief Designer is responsible for removing all copies of the earlier release from the drawing file and placing them in the drawing archive.

A drawing list is also maintained by the Chief Designer showing the current release of every design drawing and this list is circulated to the manufacturing and quality control departments.

### ***Material Control and Procurement***

Since the primary material for all inflatable devices manufactured by EZ Inflatables, Inc., is the same specification, the procurement and material control procedures are very simple. There is a standard purchase order form that carries the material description and specifies that the material shall be certified as conforming to the NFPA 701-2010 fire retardant specification.

Upon receipt of a shipment of material, the receiving department will check that the fire-retardant certificate is included with the delivery and that it covers the entire shipment. The material is then accepted into the store and identified with the delivery notice. When a roll of material is released from the store to production, the delivery batch number is identified on the release for tracking purposes.

# **EZ Inflatables, Inc.**

## **Quality Assurance Program**

Page 2

### ***Material Control and Procurement (cont'd)***

Similarly, the mesh netting, sewing thread and D-rings are always the same specification and there are standard purchase order forms for these as well. Upon receipt of a shipment of these materials, the receiving department will check the shipment against the specifications on the purchase order. The shipment is then accepted into storage and a copy of the purchase order is placed in the records.

### ***Inspe on***

There are three inspection stages during manufacture: cutting, sewing and completion.

QA are required to check the cutting pattern in use and the material batch identification. This information is added to the production sheet and is signed as compliant by QA prior to sewing.

### ***Sewing***

Sewing is inspected at sub-assembly stages during production so that each seam may be inspected for accuracy (straightness), completeness and the correct locking off and trimming of loose ends. Special attention is paid to the attachment of tie-down rings to ensure full strength in this critical area.

### ***Comple on***

Upon completion, the unit is fully inflated and inspected for completeness, leaks, loose threads and overall appearance. This is the final QA sign-off before delivery to the customer.

### ***Manufacturing Concessions***

During manufacture, small snags may be identified by inspection. If the snag falls outside of the acceptable tolerance for QA, a description is written up and passed to the design department. The Chief Designer shall be the ultimate authority for determining whether the snag is acceptable as is, or if remedial work is required.

Remedial work will be ordered by the Chief Designer and will be attached to the snag sheet and returned to production. QA will then inspect the rework and sign off if acceptable.

Any parts or sub-assemblies that are deemed unacceptable shall be removed from production and taken to the salvage area where each item will be treated on an individual basis.



## LIMITED WARRANTY

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EZ INFLATABLES, Inc.: Sells a wide range of products. Warranties vary by product. Please ask a representative to disclose a particular warranty for the product(s) you are purchasing, if you do not see that information here. Our warranty specifically excludes freight in either direction, and freight is the express responsibility of the purchaser.

EZ INFLATABLES, Inc.: Reserves the right to inspect all warranty claims and make a final decision based on the validity of the claim.

EZ INFLATABLES, Inc.: Will make a good faith effort for prompt correction or other adjustment with respect to any product that proves to be defective within the limited warranty. Contact EZ Inflatables, Inc., toll free at (888) 344-5867 to discuss any warranty concerns.

Inflatable Amusement Devices (IAD): All inflatable amusement devices manufactured by EZ Inflatables, Inc., are warranted to the original purchaser, either directly or through a qualified re-seller, against defects in workmanship or materials for a period of two years on wet units, three years on dry units and one year on interactive games from the date of purchase. Normal wear and tear is expected and is not covered by warranty.

Peripheral Parts: Peripheral parts do not have a warranty. However, we will honor on obvious defects in workmanship or material when these parts are used under normal condition for a period of 30 days from date of purchase. The parts in question must be returned to EZ Inflatables, Inc., for inspection and opinion. The decision of EZ Inflatables, Inc., is final.

Other Equipment: Each manufacturer offers a specific warranty on the products they make, and these warranties will be supplied upon request to the purchaser.

Return Policy: All games and products manufactured by EZ Inflatables, Inc., are considered customer built per order. In the event a product is returned for any reason - not the fault of EZ Inflatables, Inc., a 25% restocking fee may apply.

Blowers/Motors inside the Blower: An electrical blower is included with the purchase of an IAD. For instructions and technical data for the blower, please refer to the specific box it was packaged in. A complete owner's manual for your blower is in the container, if it is missing, contact the manufacturer for another copy.

### CONTACT US

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