



FLIP N RUN

Owner / Operator Manual

FLIP N RUN MANUAL

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↑ Overview

This manual contains proper operational procedures which ensure the safest and most enjoyable experience for customers and employees. The following information is for the purpose and intent to provide owners and operators with operational procedures and inspection/maintenance recommendations that will facilitate top performance of the equipment, as well as longevity of the product. Your attraction is constructed by following the specified procedures and using quality materials, all in compliance with the industry standards. This manual covers categorical recommendations as well as details on specific components and features.

Fun Spot® trampoline parks have set a high standard in quality and safety within the adventure park industry. Within some trampoline and adventure parks that feature courts with angled walls, the **Flip N Run** is a fun and popular addition. It is critical for owners and operators of an amusement destination that features a Flip N Run to become familiar with the design, function, roles, rules, and instructions for care found within this manual. For any additional inquiries regarding specific needs not found in this manual, please contact Fun Spot® directly at **+1 (706) 376 8989**.

MANUFACTURER'S NOTE: According to ASTM F2970-17, Section 14.2 - all owners/operators must notify the manufacturer of all major incidents that occur at this attraction. Any patterns of repeated major incidents should also be reported.

➤ Structure & Use

The Flip N Run is featured only on angled walls, and generally will only be featured in Main Court/Open Jump areas. The structure of the device is made up of two shackles connecting a cable line that runs parallel above the perimeter pad of the angled wall. Attached to the cable is a trolley connected to a dense and durable rope with carabiners.

Fun Spot® installers are trained to follow instructions to specific details in the installation process, so maintaining the use of the Flip N Run with its designed purpose is crucial for structure integrity and longevity. Misuse of the structure's features could compromise safety; therefore,

managerial training during the installation is critical (see Inspection & Maintenance section, pg. 6).

To protect the longevity of the Flip N Run, participants should never exceed the attraction's max capacity. There should only be one person attempting the Flip N Run at a time, and the top of the angled wall is not for spectating or resting. Due to the upper-body strength and coordination required for this attraction, *the Flip N Run is only intended for participants who can reach the rope on their own.*

MANUFACTURER'S NOTE: The Flip N Run is intended to be a permanent addition to an angled wall structure. Assembly and dismantling of this attraction should be done by a professional Fun Spot® installer only.

Court Attendants

Out of all of the roles in a trampoline park, the **Court Attendant** has the most interactive and dynamic role. Upon first glance, one might presume they are the “lifeguards” of the courts - but they are far more. Instead of being stationed off to the side, observing and engaging only when someone breaks a rule or requires assistance, they are part of the park's high-energy atmosphere. This role is exciting, fun, and rewarding! Court Attendants keep the courts safe and actively contribute to the fast-paced experience.

Since each Court Attendant is a point-person for the facility, they need to always be in uniform and **easy to recognize** by any customer. The park's shirt is required for each shift, as well as proper shorts/pants and shoes according to the dress code laid out by the managers. Court Attendants cannot wear excessive jewelry, large earrings/bracelets/necklaces, or studded belts in case they must enter the court to help someone.

To correctly staff this attraction, a ratio should be recognized. The industry standard ratio for Attendants to Jumpers, is 1:32, **and should never be exceeded** (also see ASTM F2970). Therefore, any Courts with over 32 trampolines should have *at least* two Court Attendants.

Due to the location and nature of use, all CAs should also review the Main Court Manual, especially the Responsibilities section on pg. 5.

For a more comprehensive understanding of the Court Attendant, please refer to the Fun Spot® Court Attendant Manual.

General Rules

With the nature of this kind of recreational facility, playing at a trampoline park requires all rules to be carefully followed by every participant. Every guideline and rule for this attraction exists to ensure protection for the jumpers and the equipment. All participants must have access to the rules of play and must also observe the instructions of the operator at all times. Before entering the Main Court, the following rules must be observed:

Before Entry: >>>>>>>

- ☐ A properly **completed waiver** must be signed by guests 18 years of age and older, or by a parent/legal guardian for guests under the age of 18.
- ☐ Guests should weigh **no more than 300 lbs.** (136 kgs.)
- ☐ Guests should **not be wearing** large or loose jewelry, studded belts, or anything that could damage equipment or hurt another guest.
- ☐ Hard-billed **hats** are not recommended, and should be left outside the court during game play.
- ☐ Guests should be wearing appropriate **grip socks** - no shoes, bare feet, stockings, hose, or socks without approved grips.
- ☐ Guests should maintain their **jump pass** in a place that is easy for Attendants to see, and should be participating in the activity only during their purchased time.
- ☐ Pockets of participants should be **empty** at all times.
- ☐ **No gum or candy** is allowed during jump times.
- ☐ Attendants should make sure there are no guests under the influence of **harmful drugs or alcohol** (If an Attendant suspects that someone is under the influence, then they should notify a manager immediately).

Flip N Run Rules: <<<<<<<

- ❑ Do not attempt any skill or activity **outside of your own personal** limitations, abilities, or skill level.
- ❑ Only **one person** should attempt the Flip N Run at a time.
- ❑ The Flip N Run should only be used by guests who can **reach the rope on their own**.
- ❑ **No sitting** on the top of the angled wall.
- ❑ Guests should **stay clear** of any trampolines that run along the base of the angled wall while the Flip N Run is in use.
- ❑ Do not attempt the Flip N Run without a Team Member present, and **always follow their instructions**.

WARNING! Impact, flipping, climbing, and other activities can result in serious or fatal head injury, paralysis, bone fracture, and/or serious injury. Be responsible and **participate at your own risk**. Non-compliance may result in the loss of your paid activity time.

- ❑ Do not attempt any obstacle, skill or activity outside your own limitations, abilities, or skill level. Use involves inherent risk. Participate with extreme caution at your own risk.
- ❑ Do not participate if you have any health limitations, had recent surgeries, are under the influence of drugs or alcohol, or if you are pregnant.
- ❑ Failure to follow the rules and safety guidelines may result in loss of jump pass, serious injury or death.

GUEST RESPONSIBILITY

Everyone that enters a court or activity zone must have completed a valid liability waiver. Those under the age of 18 must have the form completed and signed by a parent, legal guardian, or someone with legal power of attorney. Prior to participation, all guests and accompanying adults assume full responsibility to ensure that:

- ❑ All waivers are properly executed.

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- ❑ Everyone has reviewed the rules and viewed the safety video (if applicable).
- ❑ Everyone must have a valid jump/activity ticket before entering any activity zone.
- ❑ Guests and accompanying adults must completely understand and agree to follow all rules and staff member instructions.
- ❑ Everyone is in good health without any restrictions.
- ❑ Every guest and participant must be aware of those around them.
- ❑ Activities may involve individuals of different sizes, ages, and abilities; guest participation is at their own risk.
- ❑ Guests and accompanying adults assume full responsibility for their actions and conduct.
- ❑ Guests and accompanying adults should also assume full responsibility of their own personal property, including, but not limited to, cameras, cell phones, shoes, handbags/purses, etc.
- ❑ Staff members reserve the right to relocate guests, accompanying adults and spectators to a different area at any time.

✖ Inspection & Maintenance

When a Fun Spot® installer is on-site, it is the park's responsibility to make time to receive inspection and maintenance instructions while the Flip N Run or additional attractions are being assembled. The installation phase is an invaluable time for a park to learn about the structure and use, as well as how to properly maintain the device. Once staff have been properly trained on maintenance, the areas within and around the Flip N Run will require inspections before, during, and at the end of every shift/day the park is open to the public.

A **Daily** and **Weekly** inspection time should be observed in conjunction with the manufacturer inspection sheets (see Appendix B on pg. 22). The Daily and Weekly inspections must be done during non-business hours so that the inspector can also hear the components that are being assessed. These inspections should be completed by a CA or manager. Completed inspection sheets should be saved with a time-stamp* and stored digitally for up to three years (or according to an attorney's recommendations). For specific needs regarding the Flip N Run

attraction, please contact Fun Spot® directly at the number listed in the Overview section.

***MANUFACTURER'S NOTE:** A digital daily inspection log (verified by timestamps) must be submitted for some warranties to be valid.

Daily Inspection >>>>>>>

Before any participant attempts the Flip N Run, Court Attendants need to take time to properly inspect the device and its components and attachment points (see Appendix for pictures with terminology). The Flip N Run inspection should include:

- ❑ Inspect the entire **3/8" Wedged Cable**, from Shackle to Shackle, to ensure there is no unraveling or weak points.
- ❑ Inspect the **Shackles** that connect the cable to the steel frame or wall for loose or missing hardware (Forged Shoulder Eye Bolt with Nylon Insert Lock Nut).
- ❑ Inspect the **Trolley** and its sealed bearings to ensure it is properly secured around the cable. Verify the attached **Carabiners** are unblemished and secure.
- ❑ Check the Nylon Fiber Woven **Rope** for excessive fraying or unraveling, a proper attachment to the carabiner clip(s), as well as sharp or rough edges on the coated ends:
 - ❑ Heat-shrink Rubber Wrap End (user end)
 - ❑ Electrical Tape End (connected to the Trolley)
- ❑ Inspect the top **Perimeter Pad** along the top of the angled wall. Make sure all **Bungee Ties** run through pad grommets and are secured to the steel frame with **Hog-nose Rings**.
- ❑ Examine all **Containment Netting** (if applicable) and attached cables and turnbuckles for proper connection.

Inspection During A Shift <<<<<<<

The Court Attendants will not only be monitoring the guests during their shift, but will also be mindful of the equipment as it is being used. Monitoring pads, netting, devices, as well as the wear on the Flip N Run throughout the day should be a constant priority of Court Attendants

throughout their shift. In most cases where proper weekly inspection and maintenance have been observed, the Flip N Run will be serviced during non-business hours and will not require immediate care.

MANUFACTURER'S NOTE: The Flip N Run should not be repaired during business hours. If a Flip N Run requires a repair during a business day, the rope should be placed above the angled wall so the trolley remains stationary and not accessible to any guests during hours of operation.

Post-Shift & Bi-Weekly Inspection >>>>>

Post-shift inspections are generally very similar to pre-shift inspections in items of priority, however it should also include cleaning and sanitizing the used areas. Excessively dirty or functionally compromised areas should be made aware immediately to management. Post-shift inspections are often at the end of very busy times, therefore extra care must go into the observations Court Attendants make as they clean and review the Flip N Run, its components and the associated angled wall. Special attention should be given to the nylon fiber rope, it's coated end, and it's attachment to the trolley. Ensure there are no sharp or rough edges, or excessive unraveling/fraying of the nylon fibers.

TWICE A WEEK All components of the Flip N Run should be thoroughly inspected, checking for wear and verifying tightness. Tighten and replace the components as needed:

- ☐ 3/8" Swedged Cable
- ☐ Shackles and Forged Shoulder Eye Bolt with Nylon Insert Lock Nut
- ☐ Trolley with its sealed bearings and the attached Carabiners
- ☐ Nylon Fiber rope and it's treated ends
- ☐ Containment Netting
- ☐ Angled Wall with its top Perimeter Pad and parts

MANUFACTURER'S NOTE: All Operators, Management/Supervisors, and Court Attendants should also review the Daily and Weekly Inspection Sheets, the Maintenance Visual Aide and the Maintenance Manual for additional information about timing, processes, and visual cues for servicing a Fun Spot attraction. For maintenance-related questions regarding the Flip N Run, contact maintenance@funspot.com.

Cleaning

Cleanliness is a large part of safety when it comes to attractions. This requires Court Attendants to sanitize the Flip N Run as well as border pads and the associated angled wall. It is best to utilize a small amount of non-caustic cleaner that disinfects and sanitizes with a flat-head mop for hard to reach places, and a non-abrasive rag for features within reach. At the end of every work-day, Court Attendants should work together to make sure every part of the attraction is sanitized and disinfected. Platforms around this attraction should be vacuumed and kept clear of trash and debris. In addition to a daily cleaning, a more thorough weekly cleaning list should be observed as well, allowing for a deeper clean of pads using a steam mop.

Areas around courts, behind fences, and underneath courts should not be eyesores. Any areas visible to customers should be always kept clean and tidy. It is quite normal to need a bi-weekly sweeping under and around courts, but it must be done when a court is closed or when the park is not open to the public. Do not attempt to sweep under or around a court/pit that has customers participating in activities!

For a current suggested list on specific cleaning products recommended by the manufacturer, contact the Fun Spot® main office at the number provided at the beginning of this manual.

Risk Assessment

For Owners & Operators:

Before the Flip N Run is open for use within your park, please review this Risk Assessment section to verify the proper procedures and policies are in place. All staff that will monitor this play area should be aware of the listed risks and the procedures with solutions for each feasible scenario. It is the manufacturer's recommendations that all EAPs and policies regarding risk management be logged and made available to all operating staff. It is also vitally important to review these procedures often as a part of a regular training protocol.

RISK #1 Impact injury as result of fall, user error, or equipment failure.

Solution A - The steel structure shall be fitted with foam padding. The padding is to be compliant with ASTM guidance for Gmax impacts and with a calculated CIH value under BS EN 1177:2008 or in excess of 1.5m. Gaps in padding must be minimized using angled padding joints where possible to ensure overlap at joints. In addition a briefing must be supplied explaining the inherent danger of landing on the padding. The Operator must ensure the briefing to all Participants is provided and that the Court Attendants are suitably trained and diligent in their duties. The Participants shall be briefed prior to entering any trampolining area. The briefing must explain the potential hazards and risks of undertaking the activity and the correct method for using the equipment. The Court Attendants must observe all Participants and recognize inappropriate behaviour and intervene, with appropriate action when necessary.

Solution B - The trampoline bed shall be produced using industry standard trampoline surface material and springs to attenuate the impact. The trampoline frame is manufactured as a robust steel structure with numerous uprights and bracing secured to the floor with anchors and a network of cross braces which spread the loads across the entire structure providing a structure capable of withstanding the repetitive dynamic loads from one person per trampoline bouncing continuously plus an additional margin for safety. The Operator implements a procedure including regular inspections of the trampolines to identify any damage or failure and a policy regarding prohibition from use should any weaknesses such as broken welds or missing hardware be identified. A robust procedure for the management of over-occupancy and over-crowding scenarios must be implemented and effectively managed.

Solution C - A static redundancy system (additional trampoline bed) is positioned below every trampoline bed. In the event of a catastrophic failure of the trampoline bed, the redundancy system will 'catch' falling participants. The Operator implements a procedure including regular inspections of the trampoline beds to identify any damage or failure and a policy regarding prohibition from use should any rips or damage be found in the bed or redundancy system.

Solution D - In accordance with ASTM F2790 all areas surrounding trampolines shall be padded a minimum of 60 inches from the jumping surface from the trampoline. In the absence of this padding, containment

netting to project the Participant back into the trampolining area, shall be in place.

Solution E - Daily inspections will be maintained by the Operator to address any equipment needs before hours of operation. If the Operator is unable to fix a safety component or feature of the Flip N Run during non-business hours, the attraction should be closed until the component is fixed.

RISK #2 A Participant is injured through interaction or entanglement with the springs of the trampoline or devices, including items such as jewelry and hair.

Solution A - The bed of the trampoline is a single piece of fabric that extends over the trampoline springs and is fixed to the steel framework. Framework padding is then placed on top of this area, further protecting the participant from contact with the springs. No-jump signs (where necessary) and webbing borders are to be installed on the trampoline beds to signify the jumping area and the prohibited area where jumping should be avoided.

Solution B - The Operator shall ensure Participants be properly briefed to ensure they do not jump close to the springs and that they should not wear jewelry while jumping and that loose long hair should be tied back or braided.

RISK #3 Friction or abrasion injury as a result of impact.

Solution A - Participants shall wear grip socks to assist in keeping their footing when landing on all beds including angled beds.

Solution B - The Operator will ensure Participants are encouraged to always jump within their skill level, reducing the likelihood of abrasion injuries.

RISK #4 Injury caused by mental overload/underload of the Court Attendant leading to human error.

Solution A - The design of the park shall ensure a suitable number of viewing points for Court Attendants and should endeavour to avoid blind-

spots. A policy of staff-rotation and effective staff management can and will reduce the effects of over and under loading on staff. Supervisors should maintain a rotation to avoid mental fatigue and keep the monitors mentally sharp and fresh.

RISK #5 Injury caused by fatigue of guests.

Solution A - If a patron suddenly feels faint or exhausted, containment netting is provided to keep participants inside the playing area. Safety Padding is provided over all hard impact surfaces, and the platform is covered with carpet-bonded foam.

Solution B - Court Attendants are trained to observe signs of exhaustion or hindered physical activity due to fatigue. A designated resting area should be provided by Operators so that participants may safely rest outside of the structure.

RISK #6 A participant is injured through impact/contact with another player or a ball.

Solution A - The distance between trampolines in the court is fixed to mitigate the risk of contact between two participants. A fixed max capacity on this device (one at a time) is established and the Court Attendants are trained to never exceed that number.

Conclusion

The Flip N Run is an extremely popular attraction in a trampoline or adventure park, and requires proper training before patron use. For more information about Fun Spot® and our robust safety and operations training program, contact Fun Spot® at:

+1 (706) 376 8989 and FUNSPOT.com.

For more maintenance related questions, please refer to the Maintenance Manual, the Maintenance Visual Aide, and the following Appendix.

Additional questions may also be conveniently submitted to:

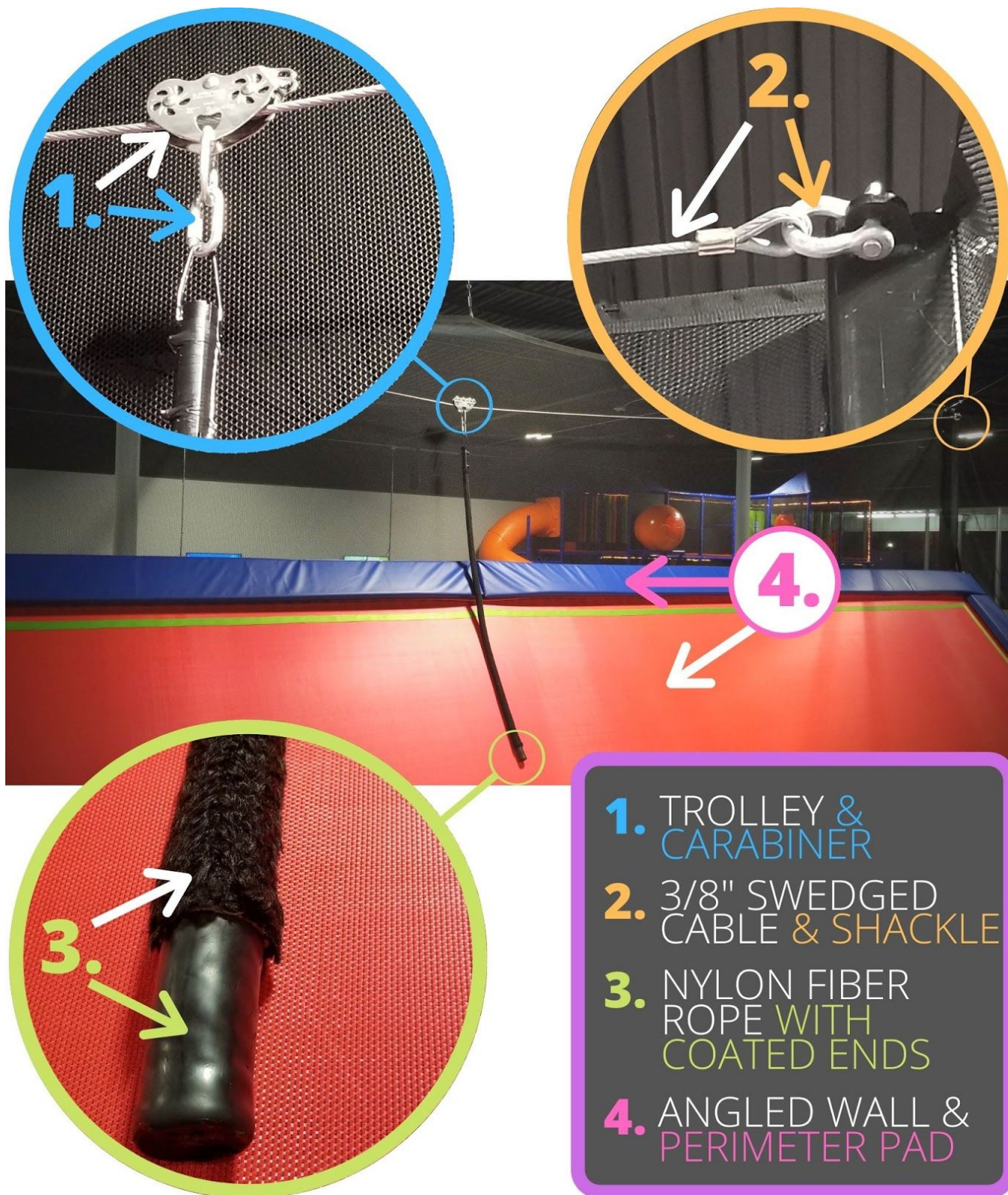
maintenance@funspot.com

Appendix A - Terminology & Pictures

ATTENTION OWNERS/OPERATORS:

Management, Operators, and Court Attendant employees should familiarize themselves with the following terminology and standards. For additional information on any equipment and maintaining proper function, please refer to the Fun Spot Maintenance Visual Aide and resource library.





1. TROLLEY & CARABINER
2. 3/8" SWEDGED CABLE & SHACKLE
3. NYLON FIBER ROPE WITH COATED ENDS
4. ANGLED WALL & PERIMETER PAD

Appendix B - Daily Inspection Chart

ATTRACTION COMPONENTS	PASS	WATCH	FAIL	NOTES
Are all graphics panels/walls properly secured and undamaged?				
Are all safety and warning signs clearly displayed by the court/attraction?				
Are there any rips, tears or holes in the containment netting?				
Are all points of the containment netting properly secured with unblemished cables and turnbuckles?				
Is the rope unblemished with no fraying or sharp edges?				
Is the trolley rolling device secured on the cable, and rolling correctly across the cable?				
Is the carabiner secured and unblemished?				
Is the cable properly anchored on both ends with shackles?				

ADDITIONAL NOTES: _____

DATE & TIME ____/____/____ || ____:____ INSPECTOR _____

(By signing, you verify you have completed the inspections according to manufacturer recommendations and to the best of your ability.)



For quality consistency, have each inspector complete a new sheet each day.
For features that may contain a more time-sensitive maintenance requirement, highlight the component line for the next weekly inspection and maintenance time.
When an inspection reveals a future service requirement, <i>that is currently not urgent</i> , the WATCH column should be used. Any components that have a WATCH note attached, should be shown to all Court Attendants so that they can monitor the issue throughout their shifts. This should be repeated daily until the component receives a service that returns it to a PASS status. Any components that receive a FAIL note should be serviced immediately, and the attraction must remain closed until the component is fixed and returns to a PASS status. WATCH and FAIL items should have pictures attached to each daily inspection until it returns to PASS status.
Upon completion, combine with the correlating Weekly Inspection Sheet and reconcile all services on the Monthly Maintenance Log. It is also recommended to include pictures of all replacements with any maintenance records.

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When starting a new week, review the previous Weekly and Daily Inspection Logs to ensure the highlighted components lines were serviced.
Save all Inspection logs for your records, either digital or hardcopy, for at least 3 years or for the amount of time that your attorney/legal counsel advises.
For information regarding signs and timing of maintenance needs, review all of your individual attraction/feature manuals as well as the Maintenance Manual and the corresponding visual aids. Additional inspection and maintenance resources can be found on our operator's inspection and training app, SUMBA.
All inspections throughout the month should include obstructions, condition of impact attenuation materials and covers, placement and securement of impact attenuation materials, condition of trampoline beds and suspension system, condition of frame, condition of redundant bed or barrier netting underneath or behind trampoline beds, condition of containment system and netting, condition of communications devices, condition and placement of signage, condition of foam pit and impact attenuation block material, condition of nets/goals/hoops and similar, condition of balls or other devices, condition of emergency response gear and first aid kits, condition of assembly area, and condition of adjacent platforms, entrances, exits, stairways, lifts, and ramps.

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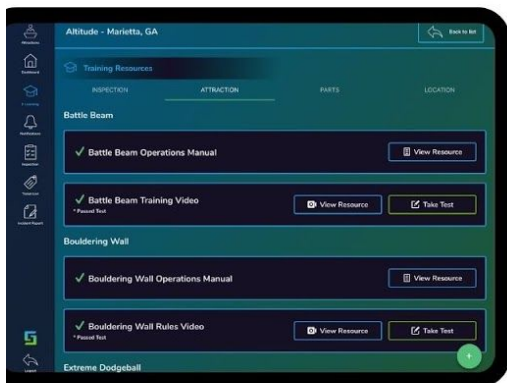
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