

## UGA OUTDOOR RECREATION – CHALLENGE COURSE – INDOOR COURSE INSPECTIONS

**Purpose:** The purpose of this document is to outline the standard inspection procedure(s) for the high indoor challenge course.

**Scope:** In order to minimize inherent risk associated with the operation of a challenge course, it is imperative that the facilities and all associated equipment are inspected regularly. The course should be inspected at three intervals: daily (on days when a course is scheduled), monthly or bi-monthly (depending on through-put), and annually by the manufacturer or a qualified third-party vendor. Additionally, the course should be inspected following incidents of unauthorized access and/or vandalism. An inspection sheet documenting pertinent findings should accompany the inspection and be kept on file.

### Challenge Course Inspections

#### I. DAILY INSPECTIONS

- a. Daily inspections should be performed before each course as part of course preparation. The inspector should examine the course for any abnormalities in the structure or equipment. He/she should inspect the cables, platforms, beams and braces, elements, participant equipment and specialty equipment and document any findings.

#### II. PERIODIC INSPECTIONS

- a. Periodic Inspections should be conducted monthly, bi-monthly or quarterly depending on through-put (the number of participants at the course). Historically, the UGA Challenge Course has operated on a bi-monthly inspection schedule. The inspector should refer to the form labeled “UGA Challenge Course Indoor Monthly Inspection Sheet” to methodically check all cables and cable termination points, platforms, braces, beams, elements and zip apparatus. Additionally, all participant, specialty and rescue equipment should be given a thorough visual and tactile inspection as specified on the form. All findings should be documented.

#### III. ANNUAL INSPECTIONS

- a. Annual Inspections should be performed by the course manufacturer or an accredited third-party vendor. Outdoor Recreation staff should be on site to provide access to the course, equipment, maintenance and inspection records, and to answer questions/discuss findings with the inspector. Outdoor Recreation staff will be provided with a copy of the annual inspection report; staff should resolve any issues specified within the report in a timely manner and keep a copy of the report on file.

**All questions or concerns pertaining to challenge course inspections should be directed to the Coordinator or Assistant Director for Outdoor Recreation.**

UGA Indoor Challenge Course  
Monthly Course Inspection Sheet

Location	Date of Inspection	Inspection Team	Name			
			Signature			

Item	Findings/Action Taken	Initial
<b>Climbing Belay Ropes</b> review use records examine for wear, abrasion glazing on mantle, evidence of movement or break in kern.		
11 mm Dynamic Rope – New England 3/2015 – Giant’s Ladder		
11 mm Dynamic Rope – New England 3/2015 – Middle Ladder		
11 mm Dynamic Rope – New England 3/2015 - Caterpillar		
<b>Harnesses</b> review age, examine stitching and for abrasion		
21 Yates Alpine Instructional (20=2011, 1=2009)		
3 Yates Chest + 2 ABC Chest		
<b>Helmets</b> examine for cracks, condition of padding and straps		
17 Petzl Ecrin Roc (10=2005 & 7=2006)		
4 Black Diamond Half Dome (4=2013)		
<b>Carabiners</b> check lock mechanism; lubricate if stiff.		
3 Omega Aluminum Locking		
2 Omega Aluminum Auto-Locking		
1 Petzl Aluminum Auto-Locking		
1 Kong Auto-Locking		
<b>Belay Devices</b> – 3 Trango Jaws – examine for wear		
<b>Pulleys</b> – examine for wear		
1 Petzl Tandem Zip Pulley w/ steel locking carabiner		
1 2” CMI Cable Pulley w/ steel locking carabiner		
<b>Tethers/Crab Claws</b> examine for wear		
17 Lobster Claws		
3 Lobster Claws w/zorber (5/2010)		

<b>Rescue Bag #1</b> – check contents (1 PMI rope, 2 steel locking carabiners, 2 Aluminum carabiners, 1 SMC Rescue 8, 1 etrier, 1 webbing sling, 1 pair of trauma shears, 1 rope cutter) and examine for wear		
<b>First Aid Kit</b> – check contents		
<b>Set up ladder</b> – overall condition and rungs		
<b>High Course cart</b> – lock, lid, wheels in good operating order		
<b>Ground school posts/anchors</b> – cable condition, wear, etc		
<b>Structure</b>		
<b>Structure Site</b> – any hazards or unusual appearance?		
<b>Access Prevention</b> – is ground access limited, cables and pulleys all intact? Rapid links/locks in good conditions?		
<b>Motors &amp; Winches</b> – motors spooling correctly with no obstructions? Winches operating smoothly, weights secure, any kinks?		
<b>Centipede</b>		
<b>Giant’s Ladder</b>		
<b>Incline Ladder</b>		
<b>Support Structure</b> – connecting bolts in good shape?		
<b>Cages/Platforms</b> – metal structure intact, connecting bolts in good shape, decking in good shape?		
<b>Shock System (center cages)</b> - springs acceptable, connections solid, belay cable intact?		
<b>Events</b>		
<b>Centipede</b> – belay eyebolts, B.Bolt terminations, B.Bolt rapid link, support eyebolt, S.C. Rapid link, Support ropes, Beam, handholds in good shape?		
<b>Giant’s Ladder</b> - belay eyebolts, B.Bolt terminations, B.Bolt rapid link, support eyebolt, S.C. Rapid link, Support rope, rungs in good shape?		
<b>Incline Ladder</b> – belay cable, B.C. terminations, B.C. rapid link, support rope, S.R. rapid link, rungs in good shape?		
<b>Vertical Net</b> – belay cable, B.C. terminations, support cable, net, rapid links in good shape?		
<b>Multi-Vine Traverse</b> – belay cable, B.C. terminations, rope in good shape?		

<b>Log Traverse</b> – belay cable, B.C. terminations, support cables, support ropes, beam, limiting ropes in good shape?		
<b>Bosun’s Chair</b> – belay cable, B.C. terminations, support cables, support pulleys, chair board, hand rope in good shape?		
<b>Catwalk/Balance Beam</b> – belay cable, B.C. terminations, support cable, support ropes, beam in good shape?		
<b>Swinging Bridges</b> - belay cable, B.C. terminations, support cable, support ropes, wood planks, rapid links in good shape?		
<b>Charley Chaplin/2-Line Bridge</b> – belay cable, B.C. terminations, rope in good shape?		
<b>Auto-Zip</b> – zip cable, directional pulley, box, mounting hardware, air gauge reading (above 104 psi) all in good shape?		