

## UGA OUTDOOR RECREATION – CHALLENGE COURSE – COURSE INSPECTIONS

**Purpose:** The purpose of this document is to outline the standard inspection procedure(s) for the high outdoor 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 severe weather or 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 use the form labeled “Daily Challenge Course Inspection” as a guide while walking the course and looking for any abnormalities in the structure or equipment. He/she should inspect the ground around the course, platforms, poles, elements, participant equipment, specialty equipment and rescue equipment as specified in the inspection form 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 “Monthly Challenge Course Inspection Sheet” as well as pages 5-6 of the CDI manual to methodically inspect the following: cables, cable clamps, fist grips, swage/ferrules, hardware, poles, decks, elements, guys and anchors, entrance nets and prussic access ropes. 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.**

Daily Challenge Course Inspection

Group Name:

<b>Date:</b>	<b>Initials</b>	<b>Comments (Write if unused)</b>
<b>Ground Inspection</b>		
Shed (outer and inner)		
Access Control		
Guy Wires		
Poles		
Platforms		
Environmental (limbs, insects, bird nests)		
Ground School		
<b>Participant Equipment</b>		
Helmets		
Harness		
Crab Claws		
<b>Element Row</b>		
Lower Red (Complex X, Swinging Beams)		
Upper Red (Swings, Horizontal Play Pen)		
Lower Black (It's A "G" Thang, Bone Yard)		
Upper Black (Tarzan, Buddy Bars)		
<b>Specialty Exits</b>		
Quick Zip		
Giant Swing/ Bag *		
Zip Line /Pulley System		
<b>Alf System Bags **</b>		
Alf(Quick Zip side)		
Alf(Giant Swing side)		
<b>Rescue Bags ***</b>		
R B #1		
R B #2		
R B #3		
R B #4		

\*Contents of Giant Swing bag include: 2 steel biners(participant), 2 retired black biners(rope), 1 retrieval rope.

\*\*Contents of Alf System bag include: Static rope(orange), 2 locking biners(rope), Purple Pulley w/swivel(top), Red pulley w/rapid link(bottom), Prusik loop(red), 1 steel biner(Prusik). Inspect Rapid Link that stays on course(top).

\*\*\*Contents of Rescue bag include: Static rope(red), 2 Prusik loops(on rope), 6 steel biners, 1 Etrier, 1 Rescue 8 device, medical kit, Emt scissors w/sheath.

\*Contents of Giant Swing bag include: 2 steel biners(participant), 2 retired black biners(ropes), 1 retrieval rope.

\*\*Contents of Alf System bag include: Static rope(orange), 2 locking biners(ropes), Purple Pulley w/swivel(top), Red pulley w/rapid link(bottom), Prusik loop(red), 1 steel biner(Prusik). Inspect Rapid Link that stays on course(top).

\*\*\*Contents of Rescue bag include: Static rope(red), 2 Prusik loops(on rope), 6 steel biners, 1 Etrier, 1 Rescue 8 device, medical kit, Emt scissors w/sheath.

UGA Outdoor Challenge Course  
Monthly Course Inspection Sheet – Teams Challenge Course

location	date of inspection	inspection team	name			
			signature			

Equipment	Findings/Actions taken	initial
<b>Harnesses- review age, examine stitching and for abrasions</b>		
46 Misty Mtn Full body Harness standard (12/2014)		
8 Misty Mtn Full body Harnesses XL (12/2014)		
1 Universal access harness		
10 Singing Rock Rope Dancer Harnesses small (02/2015)		
<b>Helmets-Examine for cracks, condition of padding and straps</b>		
48 Petzl Elios Blue size 2 (11/2014)		
4 Petzl Elios Blue size 1 (11/2014)		
12 Petzl Elios Orange size 2 (11/2014)		
<b>Crab Claws- Examine rope for wear and herniation. Examine claws for cracks, wear and operational action</b>		
60 High Country adjustable claws (11/2014)		
2 Zorber claws		
<b>Carabiners -check for wear and lock mechanism operation</b>		
4 Steel Liberty Mtn (loose) (11/2014)		
1 Aluminum Kong (loose) (10/2014)		
17 Aluminum Kong (Zipline setup) (10/2014)		
6 Aluminum locking (loose) various		
1 Rescue 8(loose) Russ Anderson		
10 Rapid Links, 5/8 size (loose)		
<b>Pulleys- examine for wear</b>		
8 Petzl tandem pulleys (Zipline setup) (11/2104)		
<b>Belay Devices-check for excessive wear, cracks, sharp edges and action on Gri-Gris</b>		
2 ATC		
3 Gri-Gri		
<b>Ropes- All Challenge course ropes should be checked for use records, wear, abrasions, glazing on mantle, evidence of movement or break in kern. All current high course ropes manufacture/purchase date 10/2014</b>		
<b>Prusik loops- examine knot and check rope for abrasions, glazing on mantle, evidence of movement or break in kern</b>		
2 8mm Sterling Prusik loops(red)		
<b>Alf Systems-Check for functional use of all contents including: 7/16" Sterling static rope(orange), Alf climb assist pulley w/swivel + rapid link(top), red pulley + rapid link(bottom), 8mm Prusik loop(red), Autolock steel carabiner.</b>		
Alf system Quick Jump		
Alf system Giant Swing		
<b>Rescue Bags- Check for functional use of all contents including: 7/16" Sterling static rope(red), 8mm prusik loop (2), Steel carabiners(6), Etrier, Rescue 8 device, medical kit, Emt</b>		

<b>scissors w/sheath.</b>		
Rescue bag #1		
Rescue bag #2		
Rescue bag #3		
Rescue bag #4		
<b>Giant Swing Bag- Check for functional use of all contents including: 9mm static ropeP(white), steel carabiners (4)</b>		
<b>Pamper pole bag- Check for functional use of all contents including: 11mm dynamic rope(purple), locking carabiners(2)</b>		
Pamper Pole bag #1		
Pamper Pole bag#2		
<b>Inspection of basic high course components and the criteria for each are to be found on pg. 5 and 6 of CDI Teams Course Technical Manual(yellow). What follows is SOP checklist for individual elements.</b>		
<b>Pamper Pole:</b> Floats secured in proper position, shear reduction devices and cable clamps secure in proper position, staples secure, JRD, 1/2"inch 3 strand braided multiline, inspect ladder		
<b>Giant Swing:</b> rapid links and all connection points on metal swing tube, 3 strand braided multiline, freestanding ladder		
<b>Zipline:</b> steps for participants,		
<b>Quick Jump</b>		
<b>Complex X:</b> cable, 3 strand braided rope		
<b>Team Beams:</b> inspect wood that collides and between wood and platforms, rope		
<b>Cargo tube (giant swing side):</b> inspect net for wear, net tie-in points, surrounding wood for splinters, staples		
<b>Horizontal playpen:</b> cargo net wear, log splinters, climbing holds, plastic sharp edges		
<b>Swing dance:</b> all rope connections, plastic swing seat wear, instructor cables,		
<b>G-thing:</b> foot pads for wear, plastic sharp edges		
<b>boneyard:</b> plastic bones secure, rope wear,		
<b>Cargo net (quickjump)</b>		
<b>Buddy Bars:</b> plastic sharp edges, rope wear,		
<b>Tarzan:</b> Rope swings wear, wooden foot platforms		