

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:

Date:	Initials	Comments (Write if unused)
Ground Inspection		
Shed (outer and inner)		
Access Control		
Guy Wires		
Poles		
Platforms		
Environmental (limbs, insects, bird nests)		
Ground School		
Participant Equipment		
Helmets		
Harness		
Crab Claws		
Element Row		
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)		
Specialty Exits		
Quick Zip		
Giant Swing/ Bag *		
Zip Line /Pulley System		
Alf System Bags **		
Alf(Quick Zip side)		
Alf(Giant Swing side)		
Rescue Bags ***		
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
Harnesses- review age, examine stitching and for abrasions		
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)		
Helmets-Examine for cracks, condition of padding and straps		
48 Petzl Elios Blue size 2 (11/2014)		
4 Petzl Elios Blue size 1 (11/2014)		
12 Petzl Elios Orange size 2 (11/2014)		
Crab Claws- Examine rope for wear and herniation. Examine claws for cracks, wear and operational action		
60 High Country adjustable claws (11/2014)		
2 Zorber claws		
Carabiners -check for wear and lock mechanism operation		
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)		
Pulleys- examine for wear		
8 Petzl tandem pulleys (Zipline setup) (11/2104)		
Belay Devices-check for excessive wear, cracks, sharp edges and action on Gri-Gris		
2 ATC		
3 Gri-Gri		
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		
Prusik loops- examine knot and check rope for abrasions, glazing on mantle, evidence of movement or break in kern		
2 8mm Sterling Prusik loops(red)		
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.		
Alf system Quick Jump		
Alf system Giant Swing		
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		

scissors w/sheath.		
Rescue bag #1		
Rescue bag #2		
Rescue bag #3		
Rescue bag #4		
Giant Swing Bag- Check for functional use of all contents including: 9mm static ropeP(white), steel carabiners (4)		
Pamper pole bag- Check for functional use of all contents including: 11mm dynamic rope(purple), locking carabiners(2)		
Pamper Pole bag #1		
Pamper Pole bag#2		
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.		
Pamper Pole: 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		
Giant Swing: rapid links and all connection points on metal swing tube, 3 strand braided multiline, freestanding ladder		
Zipline: steps for participants,		
Quick Jump		
Complex X: cable, 3 strand braided rope		
Team Beams: inspect wood that collides and between wood and platforms, rope		
Cargo tube (giant swing side): inspect net for wear, net tie-in points, surrounding wood for splinters, staples		
Horizontal playpen: cargo net wear, log splinters, climbing holds, plastic sharp edges		
Swing dance: all rope connections, plastic swing seat wear, instructor cables,		
G-thing: foot pads for wear, plastic sharp edges		
boneyard: plastic bones secure, rope wear,		
Cargo net (quickjump)		
Buddy Bars: plastic sharp edges, rope wear,		
Tarzan: Rope swings wear, wooden foot platforms		