

**BY ORDER OF THE COMMANDER  
HEADQUARTERS 81ST TRAINING  
WING (AETC)**

**AIR FORCE INSTRUCTION 36-2202**

**KEESLER AIR FORCE BASE**

**Supplement  
16 APRIL 2013**



*Personnel*

**AIR FORCE OBSTACLE COURSE PROGRAM**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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OPR: 334 TRS/ULA

Certified by: 81 81 TRG/CC  
(Col Maureen J. Smith)

Supersedes: AFI36-2202\_KEESLERAFBSUP1,21 December 2007

Pages: 25

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**AFI 36-2202, 7 August 2007, is supplemented as follows.**

This supplement implements and extends the guidance in AFI 36-2202 and establishes procedures and responsibilities for the obstacle course program. This supplement applies to all assigned, attached and/or associate units supported by the 81st Training Wing at Keesler AFB MS. This supplement does not apply to Air Force Reserve and Air National Guard (ANG) units. This publication requires the collection and or maintenance of information protected by the Privacy Act of 1974 authorized by 10 U.S.C. 8013, Secretary of the Air Force. The applicable Privacy Act SORN F036 AF PC C, Military Personnel Records System, is available at <http://dpclo.defense.gov/privacy/SORNs/component/airforce/index.html>. Ensure that all records created as a result of processes prescribed in this publication are maintained IAW Air Force Manual (AFMAN) 33-363, Management of Records, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate functional' s chain of command. Attachment 1 is a glossary of references and supporting information.

**SUMMARY OF CHANGES**

**This supplement is substantially revised and must be completely reviewed.** Revisions update terminology and office symbols throughout the supplement; added provisions for base tenant unit point of contact for training and certification (paragraph 1.8.4.1.); deletes unnecessary requirement for semi-annual inspection (paragraph 5.4.1.); clarifies obstacle repair/replacement responsibility (paragraph 5.5.1.1.5.) and deletes requirement for base newspaper quarterly announcements (paragraph 5.6.3.).

1.8.1. (ADDED) The 81st Training Wing commander is the approval authority for use by other military units/outside organizations.

1.8.2. (ADDED) Use of the course without coordination with the OCPM is prohibited.

1.8.3. (ADDED) Using units/organizations will meet all training requirements outlined in Attachment 8, *Training Plan and Currency Requirements*.

1.8.3.1. (ADDED) All base tenant units that have a need to use the obstacle course will provide a point of contact to be trained and certified as an obstacle course program instructor (OCPI).

2.4.8.8. (ADDED) Maintains a conditioning obstacle course (COC) continuity book. The continuity book will include AFI 36-2202, this supplement, risk management (RM) worksheets and items required by paragraphs 2.4.8.1. through 2.4.8.7. of the basic instruction.

2.4.9.1.2. Use Attachment 9, *Obstacle Course Inspection Checklist* in conjunction with chapter 3 and attachment 7 of the basic instruction prior to personnel negotiating any obstacles.

2.4.9.1.5. Use Attachment 8, *Training Plan and Currency Requirements* in conjunction with chapter 4 of the basic instruction.

2.4.9.2.2. Safety is paramount and observers must be ready to halt activities when a participant's safety is in jeopardy.

2.4.9.2.2.1. (ADDED) A minimum of one instructor will be present for every six students that are actively negotiating the obstacle course.

2.4.9.2.2.2. (ADDED) Obstacle course program safety observers (OCPSO) will position themselves at the most advantageous spot to watch for inappropriate technique or use of obstacles.

2.4.13. The OCPI will assume all obstacle course team leader (OCTL) duties.

3.2.2.1. (ADDED) The OCPM will conduct and document an RM assessment IAW AETCI 36-2203 and AFPAM 90-902.

3.2.2.2. (ADDED) File RM assessment worksheets in the obstacle course continuity book and update according to paragraph 3.2. of the basic instruction or annually, whichever occurs first, with the safety office, 81 TRW/SE.

3.4.5. (ADDED) The following criteria are used to determine cancellation of obstacle course training:

TABLE 3.1. Cancellation of Training (ADDED)

Wind chill below 32 degrees	Cancel
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Thunderstorms within 5 miles	Cancel
Lightning within 5 miles	Cancel
Red Flag Conditions or higher	Cancel

3.4.5.1. (ADDED) Call Keesler Weather at 377-4397 for official weather forecast/update.

3.4.5.2. (ADDED) Monitor wet bulb globe temperature (WBGT) announcements/flag conditions. Updates to the WBGT can be obtained from Keesler Bioenvironmental at 376-0590.

3.5.2. Cadre instructors and/or observers that feel an obstacle cannot be safely negotiated will close that obstacle immediately until it has been inspected by obstacle course personnel.

3.5.7.1. (ADDED) Dial 911 if emergency response is required.

3.5.7.2. (ADDED) Cadre instructors will provide immediate medical care for any injuries.

3.5.8. Cadre instructors will carry the COC duty cell phone to all training events. A landline is also available at Bldg 1101 (81 CS), approximately 50 meters west of the obstacle course.

3.6.1. (ADDED) If an instructor feels that a trainee cannot safely negotiate an obstacle, regardless of the reason, the instructor has the authority to send the trainee around to the next obstacle.

3.6.2. (ADDED) Instructions for safe, proper negotiation of each obstacle will be standardized through the course lesson plan. No deviations are allowed without the approval of the OCPM or in their absence the OCPI.

3.7.3. All obstacles are off limits between dusk and dawn. In addition, use of obstacles when hazardous conditions exist is prohibited.

3.7.4.1. (ADDED) No loose articles of clothing or hats will be worn.

3.7.4.2. (ADDED) Participants requiring the use of glasses will use safety straps.

4.2. Training requirements for all personnel are identified in Attachment 8, *Training Plan and Currency Requirements*.

5.4.1. (ADDED) The OCPM, 81 TRW/SE, civil engineering personnel and cadre instructors will conduct and document a joint annual inspection to evaluate overall course condition.

5.4.2. (ADDED) The 81 TRW/SE will provide annual statistical data analysis and recommendations on mishaps involving course equipment.

5.5.1.1.3.1. (ADDED) Civil engineering personnel will conduct all maintenance actions from minor recurring repairs to structural renovations.

5.5.1.1.3.2. (ADDED) A maintenance log will be maintained for each obstacle to identify all maintenance actions.

5.5.1.1.3.3. (ADDED) Major structural repairs or renovations are reported immediately to the OCPM and 81 TRW/SE.

5.5.1.1.3.4. (ADDED) Obstacles will be closed during major maintenance until recertified for use. Examples include debris removal, pit raking, and grass removal.

5.5.1.1.4. (ADDED) Cadre instructors may direct minor maintenance as needed. This type of repair is not tracked or documented. Examples of minor maintenance include tightening, replacing ropes, cables, boards, logs, screws, washers, nails, nuts, eyebolts, pit filler, etc.

5.5.1.1.5. (ADDED) In conjunction with the annual inspection, the OCPM, OCTL, civil engineer and 81 TRW/SE will determine long-range renovations and/or forecast the replacement of obstacles. Any forecasted repairs/replacements will be coordinated, documented and maintained by the civil engineer and OCPM.

5.6.1. Access to the COC is controlled by a fence with a single point of entry. The course is “off limits” to unauthorized personnel.

BRADLEY D. SPACY, Brigadier General, USAF  
Commander, 81st Training Wing

**Attachment 1**

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

***References***

AFI 36-2202, *Obstacle Course Program Management*, 7 August 2007

AFMAN 33-363, *Management of Records*, 1 March 2008

AETCI 36-2203, *Technical and Basic Military Training Development*, 12 August 2009

29 CFR 1926, Occupational Safety and Health Standards for the Construction Industry, 8 November 2010

***Prescribed Forms***

None

***Adopted Forms***

AF Form 483, *Certificate of Competency*

AF Form 1098, *Special Task Certification and Recurring Training*

AETC Form 435, *Mishap Data Worksheet*

***Acronyms***

COC – conditioning obstacle course

OCPI - obstacle course program instructor

OCTL - obstacle course team leader

RM –risk management

WBGT – wet bulb globe temperature

## (ADDED) Attachment 8

## TRAINING PLAN AND CURRENCY REQUIREMENTS

**Table A8.1**

REQUIREMENTS	NOTES
Self-Aid Buddy Care ADLS + 2.5 hours hands-on performance (Sq Training)	Required every 24 months
Demonstrate “hands-on” proficiency by successful completion of every obstacle they are required to teach. (CURRENCY: Re-test annually)	Record on AF Form 1098, <i>Special Task Certification and Recurring Training</i>
Principles of OCP operations (IAW AFI 36-2202 and this supplement)	Record in 623A
Principles of OCP maintenance requirements (IAW AFI 36-2202 and this supplement)	Record in 623A
Demonstrate proficiency in completing Obstacle Inspection Checklist IAW attachment 9 (CURRENCY: Re-test annually)	Record on AF Form 1098
Principles of ORM (Ref. AFPAM 90-902)	Record on AF Form 797
Command and local mishap/incident notification procedures (AETC Form 435, Mishap Data Worksheet)	Record on AF Form 797
Demonstrate to the OCPM the ability to effectively train and instruct participants on tactics, techniques and procedures attachment 10 (CURRENCY: Re-test annually)	Record on AF Form 1098,

**A8.2. TRAINEE QUALIFICATION:** Airmen negotiating obstacle courses will attain/maintain the following qualifications and currencies:

A8.2.1 Be able to meet the combat control team /special operation weather team initial PT assessment requirements.

A8.2.2. Comply with specific guidance concerning mission and training objectives, limitations and safety as directed by the OCPI.

A8.2.3. Comply with correct procedures and safety requirements during OCP operations.

**A8.3. DOCUMENTATION:**

A8.3.1. STAFF: Proof/tracking of OCPM/OCPI/OCPSO qualification and currency should be maintained on enlisted/officer AF Form 623A, *OJT Training Record*, or AF Form 797, *Job Qualification Standard Continuation/Command JQS* IAW Job Qualification Standards.

Instructors shall be qualified and certified to open and run the obstacle course. Instructors will be issued an AF FORM 483, *Certificate of Competency*, and the certification numbers will be maintained on file by the OCPM. The 1W career field documents their training in the Air Force Training Records.

A8.3.2. TRAINEES: Will receive and sign the RM brief during initial in-processing. An onsite RM briefing will be conducted prior to course use. This is a graded event in training; performance will be documented IAW course guidance.

## (ADDED) Attachment 9

**OBSTACLE COURSE INSPECTION CHECKLIST**

**A9.1. Inspection:** An inspection of the COC is conducted prior to each use. An obstacle will be closed if any ONE item is checked off as a “No Go.” It will remain closed until civil engineer personnel can perform routine maintenance to correct the deficiency. Unless an incident occurs, daily opening checklist will not be maintained past the day of use. In the event of an incident, the checklist will be maintained until the investigation is closed. Obstacles closed due to repairs will be entered into the maintenance log book.

Figure A9.1. Inspection Checklist

	GO	NO GO
<b>General Inspection</b> ( <i>Applies to all obstacles</i> )		
Any obstacles with ropes worn 10% or more will be replaced with a new rope.		
Installation of new ropes will be annotated on the Obstacle Course Obstacle Maintenance Log book.		
Rope clamps should be tight, preventing ANY rope/cable movement; both nuts on clamp must be equally tight.		
<b>Trails and Pathways</b>		
All trails and pathways are to be clear of tall grass, weeds, shrubs and trees/tree limbs.		
Ensure that the trails and pathways are clear of all tripping hazards such as large cracks, uneven surfaces and buckling.		
<b>Shredded Rubber Pits</b>		
Inspect and remove any form of hard debris that may be on top of or mixed in with the pit material.		
Check the pit material for compaction of material. Turn material over at least once a month or as needed.		
<b>1 Rope Climb (Currently Off-Limits)</b>		
Inspect ropes for cuts and fraying, especially around eyebolts.		
Inspect all cable and rope clamps for rust, tightness and any signs of wear located under the clamps.		
Inspect support post for cracks or bending.		
Inspect anchoring hardware for rust, cracks or any sharp edges that may cause injury.		
Test the cables and ropes using body weight.		
<b>2 Belly Low Crawl</b>		
Inspect all cables for fraying.		
Inspect surface for hazardous items, i.e., sharp items, fire ants.		
<b>3. Reverse Climb (10' High)</b>		
Check all horizontal 4x4s for loose nuts and bolts.		
Inspect all wood for loose boards, cracks, splinters, and other signs of wear.		
Inspect poles for excessively large cracks, signs of cracking or splintering.		
<b>4. Tarzan Logs/Monkey Bars</b>		
Inspect condition of ground located at entrance and exit points for tripping hazards or unsafe		
Check for loose or broken rungs.		
Inspect all wood surfaces for splinter hazards.		
<b>5. Cargo Net Climb (35' High) (Currently Off-Limits)</b>		
Inspect ropes for cuts and fraying, especially around rope clamps.		
Inspect all rope clamps for rust, tightness, and any signs of wear located under the clamps.		
Inspect all wood for loose boards, cracks, splinters, and other signs of wear.		
Inspect all wood for any nails or screw heads protruding above the wood surface.		
Test the ropes using body weight.		
<b>6. Jump and Land (8' High)</b>		
Inspect all wood for loose boards, cracks, splinters and other signs of wear.		
Inspect all wood for any nails or screw heads protruding above the wood surface.		

7.	<b>Six Vaults</b>		
	Inspect all wood for loose boards, cracks, splinters and other signs of wear.		
	Inspect all wood for any nails or screw heads protruding above the wood surface.		
	Inspect all wood surfaces for splinter hazards.		
8.	<b>Island Hopper</b>		
	Inspect poles for excessively large cracks or splintering.		
	Check obstacle for any loose poles.		
9.	<b>Tough Nut</b>		
	Inspect poles for excessively large cracks or splintering.		
	Inspect all wood for any nails or screw heads protruding above the wood surface.		
	Inspect all wood surfaces for splinter hazards.		
10.	<b>Vertical Wall (6' High)</b>		
	Inspect poles for excessively large cracks or splintering.		
	Check logs for soundness and ensure logs do not move.		
	Check obstacle for any loose nuts or bolts.		
	Inspect all wood for loose boards, cracks, splinters and other signs of wear.		
	Inspect all wood for any nails or screw heads protruding above the wood surface.		
11.	<b>High Step-Over</b>		
	Inspect poles for signs of cracking or splintering.		
	Check 4x4's for soundness and ensure they do not move.		
	Check obstacle for any loose nuts or bolts.		
	Inspect all wood for looseness, cracks, splinters and other signs of wear.		
	Inspect all wood for any nails or screw heads protruding above the wood surface.		
12.	<b>Dirty Name</b>		
	Inspect all wood for any nails or screw heads protruding above the wood surface.		
	Check all wood on obstacle for loose boards, cracking or severe splitting.		
	Inspect for presence of non-skid surface on top ledges.		
13.	<b>Rope Traverse</b>		
	Inspect ropes for cuts and fraying, especially around rope clamps.		
	Inspect all cable and rope clamps for rust, tightness and any signs of wear located under the clamps.		
	Inspect that the rope knot is tight and secure.		
	Test the ropes using body weight.		
14.	<b>Caving Ladder (35' high) (Currently Off-Limits)</b>		
	Inspect ladder for cuts, fraying or cracking.		
	Inspect ladder connection for any signs of wear located under the clamps.		
	Inspect support post for cracks or bending.		
	Inspect anchoring hardware for rust, cracks or any sharp edges that may cause injury.		
	<b>Pre-Run Checklist</b>		
1.	Was OCP course maintenance checklist completed and signed. All safety issues and/or obstacles deemed unsafe have been marked as off-limits and briefed to participants.		
2.	Are all holes larger than two-feet (2') in diameter marked by orange cones?		
3.	Was Base Weather, 377-4397, contacted for current/projected weather to include wind speed?		
4.	Have all participants received weather and safety briefing?		
5.	Were lesson plan and demonstration of all obstacles presented?		
6.	Have all personnel been briefed on emergency procedures?		
7.	Is a first aid kit available?		
8.	Was KeeslerAFB ER, 376-0500, notified prior to use?		
9.	Was the Wet Bulb Globe Temperature (WBGT) notified (376-0590) if applicable?		

*As the Obstacle Course Program Instructor, I affirm that all above actions have been completed and complied with prior to and during use of the obstacle course.*

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Printed Name/Grade  
Signature/Date

## (ADDED) Attachment 10

## OBSTACLE COURSE NEGOTIATION AND CONSIDERATIONS

**Table A10.1. COURSE OBSTACLES**

<i>1. Rope Climb (CLOSED)</i>	<i>8. Island Hopper</i>
<i>2. Belly Low Crawl</i>	<i>9. Tough Nut</i>
<i>3. Reverse Climb</i>	<i>10. Vertical Wall</i>
<i>4. Tarzan Logs/Monkey Bars</i>	<i>11. High Step-over</i>
<i>5. Cargo Net (CLOSED)</i>	<i>12. Dirty Name</i>
<i>6. Jump and Land</i>	<i>13. Rope Traverse</i>
<i>7. Six Vaults</i>	<i>14. Caving Ladder (CLOSED)</i>

**Note 1:** Instructors will place themselves in a position to monitor a maximum of 4 stations/obstacles simultaneously. From these locations, they will be able to observe and verbally correct/stop trainee's actions that appear unsafe or improperly performed.

**Note 2:** Two obstacles are located at this station; one instructor can simultaneously monitor both obstacles

**Figure A10.1. Rope Climb****A10.1. Rope Climb (CLOSED):**

A10.1.1. **Completing the obstacle:** Two ropes –team member must climb the vertical rope to the top until they reach the bell. Once they reach the bell, the team member will ring it before coming back down.

A10.1.2. **Number of personnel allowed on obstacle:** One on each rope.

A10.1.3. **Number of safety personnel required for the obstacle:** (See Note 2).

A10.1.4. **Level of risk for this obstacle:** MEDIUM.

A10.1.5. **Special considerations:** Team member must be able to complete seven pulls, pre-climb.

A10.1.6. **Fall zone protection:** 12” shredded rubber chips in landing pit.

**Figure A10.2. Belly Low Crawl****A10.2. Belly Low Crawl:**

A10.2.1. **Completing the obstacle:** One section; two lanes. Team member must select a lane and move forward with their belly down under the non-barbed wire in the same lane.

A10.2.2. **Number of personnel allowed on obstacle:** Not restricted.

A10.2.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.2.4. **Level of risk for this obstacle:** LOW.

A10.2.5. **Special considerations and equipment:** None required.

A10.2.6. **Fall zone protection:** N/A.

**Figure A10.3. Reverse Climb****A10.3. Reverse Climb (10' High):**

A10.3.1. **Completing the obstacle:** The team member must climb the inclined ladder, go over the top rung and then go down the opposite side to the ground.

A10.3.2. **Number of personnel allowed on obstacle:** Not more than two team members are allowed on the obstacle at the same time. When on the obstacle at the same time, team members may assist one another.

A10.3.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.3.4. **Level of risk for this obstacle:** LOW.

A10.3.5. **Special considerations and equipment:** Possibility exists for falling injuries.

A10.3.6. **Fall zone protection:** 12" shredded rubber pit.

**Figure A10.4. Tarzan Logs/Monkey Bars****A10.4. Tarzan Logs/Monkey Bars:**

A10.4.1. **Completing the obstacle:** The team member must mount the lower log and walk or run the length of it and each successive higher log, until reaching the horizontal ladder. Using the hands, the team member must then negotiate the underside of the ladder to the end.

A10.4.2. **Number of personnel allowed on obstacle:** No restrictions. Team members may not pass one another on this obstacle.

A10.4.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.4.4. **Level of risk for this obstacle:** LOW.

A10.4.5. **Special considerations and equipment:** The team member must start the obstacle on the painted portion of the first log, and must touch the last rung of the horizontal ladder before going to the next obstacle. There is no prohibition to using the vertical supports for assistance while negotiating the swinging portion of this obstacle.

A10.4.6. **Fall zone protection.** N/A.

**Figure A10.5. Cargo Net**



**A10.5. Cargo Net (CLOSED):**

**A10.5.1. Completing the obstacle:** Team members must climb up one side of the net and descend down the same side.

**A10.5.2. Number of personnel allowed on obstacle:** No more than three team members at a time.

**A10.5.3. Number of safety personnel required for the obstacle:** (See Note 1).

**A10.5.4. Level of risk for this obstacle:** LOW.

**A10.5.5. Special considerations and equipment:** Team member must be able to complete seven pulls, pre-climb.

**A10.5.6. Fall zone protection:** 12" shredded rubber pit.

**Figure A10.6. Jump and Land****A10.6. Jump and Land (8' High):**

A10.6.1. **Completing the obstacle:** The team member must go up the inclined ladder to the top of the platform and then sit on the top platform, jump to the ground.

A10.6.2. **Number of personnel allowed on obstacle:** Not more than two team members are allowed on the obstacle at the same time. When on the obstacle at the same time, team members may assist one another.

A10.6.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.6.4. **Level of risk for this obstacle:** LOW.

A10.6.5. **Special considerations and equipment:** None.

A10.6.6. **Fall zone protection:** 12" shredded rubber pit.

**Figure A10.7. Six Vaults****A10.7. Six Vaults:**

A10.7.1. **Completing the Obstacle:** The team member must vault or roll the belly over each log.

A10.7.2. **Number of personnel allowed on obstacle:** No more than two team members at a time.

A10.7.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.7.4. **Level of risk for this obstacle:** LOW.

A10.7.5. **Special considerations and equipment:** N/A.

A10.7.6. **Fall zone protection:** N/A.

**Figure A10.8. Island Hopper****A10.8. Island Hopper:**

A10.8.1. **Completing the obstacle:** The team member must start and finish at a painted log.

A10.8.2. **Number of personnel allowed on obstacle:** Unrestricted.

A10.8.3. **Number of Safety personnel required for the obstacle:** (See Note 1).

A10.8.4. **Level of risk for this obstacle:** LOW.

A10.8.5. **Special Considerations and equipment:** Team members should start the obstacle in two lanes to prevent congestion at the start of the event.

A10.8.6. **Fall zone protection:** N/A.

**Figure A10.9. Tough Nut**



**A10.9. Tough Nut:**

**A10.9.1. Completing the obstacle:** The team member must select a row and go over each “X” portion in that row. Team members may use hands to assist. Although team members may step on the “Xs”, one foot must touch the ground between each “X”.

**A10.9.2. Number of personnel allowed on obstacle:** Unrestricted.

**A10.9.3. Number of Safety personnel required for the obstacle:** (See Note 1).

**A10.9.4. Level of risk for this obstacle:** LOW.

**A10.9.5. Special considerations and equipment:** Team members may assist one another.

**A10.9.6. Fall zone protection:** N/A.

**Figure A10.10. Vertical Wall****A10.10. Vertical Wall (6' high):**

A10.10.1. **Completing the obstacle:** Team members must climb over the top and then descend to the ground.

A10.10.2. **Number of personnel allowed on obstacle:** Four team members.

A10.10.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.10.4. **Level of risk for this obstacle:** LOW.

A10.10.5. **Special considerations and equipment:** Team members may assist one another.

A10.10.6. **Fall zone protection:** 12" shredded rubber pit.

**Figure A10.11. High Step-Over**



**A10.11. High Step-Over:**

A10.11.1. **Completing the obstacle:** Team members must step, not vault, over each log, touching the ground between each row of logs.

A10.11.2. **Number of personnel allowed on obstacle:** Unrestricted.

A10.11.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.11.4. **Level of risk for this obstacle:** LOW.

A10.11.5. **Special considerations and equipment:** N/A.

A10.11.6. **Fall zone protection:** N/A.

**Figure A10.12. Dirty Name****A10.12. Dirty Name (8' 1" High):**

A10.12.1. Completing the Obstacle: Team members must mount lower logs, jump to and reach higher logs in succession.

A10.12.2. **Number of personnel allowed on obstacle:** Two team members at a time.

A10.12.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.12.4. **Level of risk for this obstacle:** LOW.

A10.12.5. **Special considerations and equipment:** N/A.

A10.12.6. **Fall zone protection:** 12" shredded rubber pit.

**Figure A10.13. Rope Traverse****A10.13. Rope Traverse:**

A10.13.1. **Completing the obstacle:** Team members must traverse from one end of the rope to the other with the body hanging below the rope.

A10.13.2. **Number of personnel allowed on obstacle:** Three team members.

A10.13.3. **Number of safety personnel required for the obstacle:** (See Note 1).

A10.13.4. **Level of risk for this obstacle:** LOW.

A10.13.5. **Special considerations and equipment:** N/A.

A10.13.6. **Fall zone protection:** 12" shredded rubber pit.

**Figure A10.14. Caving Ladder****A10.14. Caving Ladder (35' high) (CLOSED):**

A10.14.1. **Completing the obstacle:** The team member must climb the rope ladder to the top. Once they reach the top, the team member will ring the bell before coming back down.

A10.14.2. **Number of personnel allowed on obstacle:** Only one team member at a time.

A10.14.3. **Number of safety personnel required for the obstacle:** (See Note 2).

A10.14.4. **Level of risk for this obstacle:** MEDIUM.

A10.14.5. **Special considerations and equipment.** Team member must be able to complete seven pulls, pre-climb.

A10.14.6. **Fall zone protection:** 12" shredded rubber pit.