

# Alabama Fire College

## Rescue Technician: Rope course Equipment List

Date: March 2005

	Item	Quantity	Description / Use
1	300 ft lifeline (1/2 inch static)	1	used for highline operations
2	Dynamometer	1	used for tensionong highline (to ensure safety in training)
3	Basket stretcher	1min	victim removal
4	Backboard	1	victim removal
5	Stretcher inserts	1	used for basket stretcher padding
6	200 ft lifeline (1/2 inch static)	8	used for all rope operations
7	Hard hats (with chin straps)	1per stu	rescuer safety
8	Rope gloves	1pr per stu	rescuer safety
9	Ascenders	10	rope grabbing device
10	Anchor plates	3	multiple points of attachment
11	Steel "O" rings	3	attachment devices
12	Brake bar racks	6	lowering devices
13	Locking Carabiners (general use)	60 (min)	misc. attachments
14	Oval carabiners	5	mariners knots and other applications
15	2 inch pulleys (alum. preferred)	4 min	change of direction & mechanical advantage
16	4 inch pulleys (alum. preferred)	6	change of direction & mechanical advantage
17	2 inch double pulleys (alum. preferred)	4 min	mechanical advantage
18	4 inch double pulleys (alum. preferred)	4 min	mechanical advantage
19	300 ft 8mm prusik rope	1roll	used to make prusik rope grabs
20	Rope cutting device	1	used to adjust rope lengths
21	Edge roller & protectors	5	used to prevent mechanical rope damage
22	400 ft of 1 inch tubular webbing	1 roll	for anchor straps and misc. use
23	Llitter shield	1 min	for rescuer and victim safety
24	Class II harness XL	3 min	for high angle operations
25	Class II harness L	2 min	for high angle operations
26	Class II harness M	1 min	for high angle operations
27	Class II harness M	1 min	for high angle operations
28	7 ft. adjustable anchor straps	3	anchor devices
29	10 ft. adjustable anchor straps	2	anchor devices
30	Rescue runners XL	8	mariners knots and other applications
31	Pick off straps	2 min	pick offs
32	Head immobilizer	1	patient or victim care
33	Knot passing pulley "Kootenay"	1	high line
34	Lumber for "A" frame		high line

### Required Props

***Must have a minimum of a 40ft in height building/structure for rope rescue evolutions. This structure must have adequate anchor points for attachment.***

***In addition to a 40 ft structure/building, there must be an additional elevated platform (20 ft minimum) to be used for the highline operation. There must be at least a 75ft. span between the 2 structures to allow for adequate training on the set up and operation of the highline. Adequate anchor points again must be provided on platform or additional structure.***

