

CADET COMMAND HEADQUARTERS

RAPPEL SITE

INSPECTION CHECKLIST

NAME AND LOCATION OF TOWER \_\_\_\_\_

DATE OF TOWER \_\_\_\_\_

CONSTRUCTION \_\_\_\_\_

BUILT BY \_\_\_\_\_

OWNED BY \_\_\_\_\_

LAST DATE OF ANY MAJOR \_\_\_\_\_

MODIFICATIONS \_\_\_\_\_

(If applicable, list modification, and by whom performed, in addition to date; otherwise list **Not Applicable.**)

DATE OF PREVIOUS \_\_\_\_\_

INSPECTION \_\_\_\_\_

NAME, TITLE, ORGANIZATION OF PREVIOUS INSPECTION \_\_\_\_\_

IS COPY OF PREVIOUS INSPECTION AVAILABLE? \_\_\_\_\_

### TOWER INSPECTION CRITERIA

ITEM	YES	NO	N/A
1. Is the tower structurally sound? Do structural support members appear serviceable, free from deterioration, breaks, or damage?			
2. Are there any signs of insect infestation?			
3. Are bolts that connect structural members or support cables serviceable and properly connected/tightened?			
4. Are stairs or ladders firmly attached to the tower?			
5. Do stairs/fixed ladders comply with OSHA standards?			
6. Are all areas marked in yellow that pose a potential trip hazard or head hazard?			
7. Are the tower platform and all rappel rope stations accessible without having to climb over any obstacles (guard rails, support cables, etc.)?			
8. Is the tower deck free of slip/trip hazards such as water, protruding nails/bolts/splinters, loose equipment, etc?			
9. Are the tower deck and any open areas (above 4') guarded with guard rails?			
10. Are all guard rails a minimum of 42" high and capable of withstanding a side force of 200 lbs?			
11. Are toe boards or similar barriers installed in all areas where personnel could pass underneath?			
12. Do all tower rope stations have primary and secondary anchor points?			
13. Are all anchor points in serviceable condition and free of corrosion, sharp edges, burrs, or grooves that could cut or damage ropes?			
14. Have all anchor points been load tested to insure that they will accommodate a dead load weight of at least 5000 pounds each?			

**TOWER INSPECTION CRITERIA**

ITEM	YES	NO	N/A
15. Is the rappel wall face area free of protruding nails, bolts, or splinters?			
16. Is the rappel wall face area free of broken, loose, decayed, or missing boards?			
17. Is padding material in place on all edges that ropes and/or personnel cross?			
18. Is the edge padding in good condition and securely fastened?			
19. Is the edge padding free from protruding nails, bolts, or other fasteners that could fray or cut ropes or injure rappellers?			
20. Are all structural areas of the tower properly padded that a rappeller might contact during rappel operations?			
21. Is the structural padding in serviceable condition, securely fastened, and free from protruding nails, bolts, or fasteners?			
22. Is the landing area free of obstructions and hazards?			
23. Does the landing area extend an uninterrupted distance of 15 feet from the tower base and at least 2 feet beyond the width of the base with cushioning material in the event of a fall?			
24. Is the landing area adequately cushioned in case of a fall (24 inches of non-compressed wood chips, mulch, or sawdust; 12 inches of commercially produced shredded rubber; or safety pads that offer similar fall protection)?			
25. Has the cushioning material in the landing area been loosened up prior to use and, if large numbers of students are rappelling, are procedures in place and equipment available to loosen it up again during training?			

**PHYSICAL SECURITY AND FIRE PROTECTION CRITERIA**

ITEM	YES	NO	N/A
26. Is there a positive locking device on the ladder/ steps or a locked fence around the tower that denies unauthorized access to the tower?			
27. Is there a prominently displayed warning sign that discourages unauthorized use of the tower (eg: WARNING: OFF LIMITS TO UNAUTHORIZED PERSONNEL)?			
28. Are NO SMOKING signs posted at the tower to preclude potential ignition of cushioning materials?			

**RISK MANAGEMENT AND TRAINING CONSIDERATIONS**

ITEM	YES	NO	N/A
29. Is there a current Risk Management Worksheet on file and available on-site?			
30. Has the Risk Management Worksheet been reviewed, approved, and signed at the appropriate level?			
31. Is the tower within one hour of an Advanced Trauma Life Support (ATLS) facility?			

**RISK MANAGEMENT AND TRAINING CONSIDERATIONS**

ITEM	YES	NO	N/A
32. Are certified Combat Lifesaver (CLS) or medical personnel and a dedicated medical vehicle on site to render emergency medical aid and evacuation, if required?			
33. Is training conducted in accordance with TC 21-24 and TSP No. 1?			
34. Is there a current Standing Operating Procedure (SOP) available that delineates requirements for instructors, students, support personnel, and other requirements?			
35. Are properly "certified" instructors available to conduct rappel training?  (IF NO, DO NOT CONDUCT RAPPEL TRAINING!)  Name(s) :  Location and date of certification:			

**ROPES AND EQUIPMENT**

ITEM	YES	NO	N/A

36. Are rappel ropes serviceable and properly inspected and stored?			
37. Are rope inspections and usage properly documented on DA Form 5752-R, Rope Log (Usage and History)?			
38. Are snap links serviceable (No excessive rust, sharp edges, improper gate opening and closing, excessive pin movement, missing pins, etc.)?			
39. Are properly sized, serviceable, heavy leather gloves and protective headgear available for rappellers?			

**COMMENTS/OTHER**

40.
-----

Name, Title, Organization, and Phone No. of Inspector(s):

Signature of Inspector:

Date of Inspection:

Name:

Title:

Organization:

Phone No:

Local Point of Contact:

Organization:

Phone No: