

Appendix I. Facility Fall Hazard Checklist

Facility Information									
FAC ID		FAC Type		Fire #		Surveyor			
SSC		CCC		Ambulance #		# Towers at Site			
Latitude		Longitude		Police #		FAA Standard Fence			
FAC Phone #		Date							
Photo Log									
Site Sketch (Reverse or separate paper - ID North and Towers/Station Numbers)									
Tower Information									
1. What is the tower ID/station number?									
2. What is the tower height?									
3. What is the tower type?	Self Support			Guyed	Monopole	Other	If other, describe:		
4. What is the tower shape (mast)?	Single	Dual		Other	Note:				
5. What is the tower cross section?	Triangular		Square	Round	Other				
6. Is the foundation cracked or spalled?	Yes	No	Note:						
7. Are there bent structural members?	Yes	No	Note:						
8. If present, what is the obstruction light type?	Steady State			Strobe					
9. How many obstruction light sets are there?									
10. What are the obstruction light bulb types?	Incandescent			LED		N/A			
11. What is the obstruction light configuration?	Single			Dual					
12. How do you access the obstruction light?	Platform			Ladder		Off Ladder			
13. If present, where is the conduit located on the tower?	Inside			Outside					
Guy Wires									
Guy Set	Guy Diameter	Damaged (Y/N)		Excessive Sag (Y/N)		Anchor Diameter		Tree Obstructions	
Level 1									
Level 2									
Level 3									
Level 4									
Level 5									
* Add additional levels in note section if needed									
Ladder Information									
14. Is there a ladder present?	Yes	No							
15. Is the ladder sound? Judgment	Yes	No	If no, describe:						
16. What is the ladder location?	Inside Tower						Outside Tower		

17. What is the construction of the ladder?	Galvanized	Aluminum	Stainless	Wood	Fiberglass	
18. Is the ladder pitch between 75 & 90 degrees from horizontal? (estimation)	Yes	No	If no, describe:			
19. What is the total ladder height (feet)? From grade or elevated surface to end; add tiers if applicable						
20. What is the first rung height (inches)? From grade or elevated surface						
21. Are the rungs at least 16" wide? Measured from inside of one side rail to another. Provide range for varying widths.	Yes	No	If no, describe:			
22. Is the rung spacing not more than 12" and uniform throughout? Measured from rung top to rung top. Provide range for varying heights. Pay attention to spacing between ladder sections.	Yes	No	If no, describe:			
23. What is the rung shape?	Solid Round		Tubular Round	Angle	Structural Lumber	
24. What is the side rail shape?	Round		Flat	Angle	3 sided angle	NA
25. Is there a 7" backside clearance throughout the ladder length?	Yes	No	If no, describe:			
26. What is the ladder frontside clearance (inches)?			Note: List any obstructions at end of report			
27. Does the top rung of ladder extend $\geq 3'$ beyond the platform?	Yes	No	N/A	If no, describe:		
28. Is the ladder free of splinters, sharp edges, burrs, or projections?	Yes	No	If no, describe:			
29. Are dissimilar metals protected from electrolytic action where they join?	Yes	No	If no, describe:			
30. Is a ladder cage present?	Yes	No	Note: The FAA does not allow use of a cage in lieu of a ladder safety system.			
If any question 21 through 29 is answered No, the ladder is not OSHA-compliant.						
Ladder Safety System (LSS)						
31. Is there a LSS present?	Yes	No				
32. Who is the manufacturer, if identifiable? Manufacturer markings are sometimes found on the back side of the center safety rail. The manufacturer may also be identified on the safety sleeve. Enter unknown if not identifiable.						
33. What type of LSS rail is present?						
a. Round Tubular (Antenna Products, North)	Yes	No	If yes, it must be replaced.			
b. T Rail (Radian, Antenna Products, etc.)	Yes	No				
c. Channel Notched (MSA/Rose, etc.)	Yes	No				
d. Cable (LadSafe, Latchways, Other)	Yes	No				
e. Other	Yes	No	If yes, describe:			
34. Does the LSS function properly?	Yes	No				
a. Loose/Missing Hardware	Yes	No	If yes, describe:			
b. Broken/Bent Sections	Yes	No	If yes, describe:			
c. Rust/Corrosion	Yes	No	If yes, describe:			
d. Faulty Safety Sleeve/Slider	Yes	No	If yes, describe:			
e. Other:	Yes	No	If yes, describe:			

35. What is the LSS starting height from grade or lower working surface (inches)?						
36. Does the LSS extend at least 42" above platform?	Yes	No	If no, describe:			
37. If the LSS is a vertical cable, is its diameter at least 3/8"	Yes	No	N/A	If no, describe:		
38. If the LSS is a vertical cable, are cable guides used every 25"	Yes	No	N/A	If no, describe:		
39. If the LSS is a rigid rail, does the rail have a top and bottom stop (prevents sleeve from coming off inadvertently)	Yes	No	N/A	If no, describe:		
Tubular notched rails are prohibited, must not be used, and must be replaced with an approved LSS as soon as practical. If the answer to 31, 34, or 36 through 39 is 'No', it is non-functional LSS. If the answer to any question between 34.a. through e is 'Yes', a SECM should be consulted to determine functionality.						
Platform Access						
40. Platform Present?	Yes	No				
41. How is the platform accessed?	Swing Gate		Offset Opening	1x Door Hatch	2x Door Hatch	None
42. Is the step across distance from the ladder to the platform between 2.5" and 12"?	Yes		No	If no, provide distance		
43. Is there a ladder rung located at the platform level?	Yes		No	If no, describe:		
44. Does the ladder extend at least 42" above platform?	Yes		No	If no, provide height		
45. Do vertical grab bars, if needed, have the same spacing as the ladder side rails and at least the equivalent of the round-rung diameters?	Yes		No	If no, describe:		
46. The platform access opening is protected by?	Single Door Hatch	Double Door Hatch	Swing Gate	Other:		
	Single Door Hatch with Counterweight	Offset Opening with Standard Handrail	Self Closing Swing Gate			
47. Is the platform hatch or swing gate sound? Look for heavy corrosion; poorly functioning hinges	Yes		No	If no, describe:		
48. Is the platform hatch of standard OSHA construction? Construction can be of any material that has the same strength as the platform; covers are not to project more than 1"; all hinges, handles, bolts, or other parts must set flush with the floor or cover surface.	Yes		No	If no, describe:		
49. What is the angle at which the hatch cover(s) rest when open? Measured from horizontal. If dual hatch, provide worse case.						
Platform						
50. What is the platform height from grade? Measured from grade (base of ladder to bottom of platform)						
51. Is a standard guardrail provided for platforms 4' or more above grade? Reference 29 CFR 1910.23. A standard railing has a top rail 42" high from platform, intermediate rail approximately 19" high from platform, posts, and toeboards. A standard wood handrail uses at least 2x4 for the rails and posts (posts spacing not to exceed 6'). A standard pipe handrail uses at least 1.5" diameter stock for rails and posts (posts spaced not to exceed 8'). A structural steel handrail use 2x2x3/8" angle for rails and posts (posts spaced not to exceed 8'). A standard toeboard is 4" high from the platform with not more than a 1/4" clearance above the platform, and is securely fastened in place.	Yes	No	If no, describe:			
52. Is the platform grating adequately secured from movement?	Yes	No	If no, describe:			
53. Are there any openings greater than 2" in any one direction on the walking surface?	Yes	No	If no, describe:			
54. Is the handrail sound? This is a judgment call. They are to be of such construction that the completed structure must be capable of withstanding a load of at least 200 pounds applied in any direction at any point on the top rail. Rationale for not being sound may include rusted or missing mounting hardware; bend or broken rails; use of substandard materials, etc.	Yes	No	If no, describe:			
Fixed Stairways						
55. Is there stairway present?	Yes	No				
56. Is the stairway sound? Group all stairways.	Yes	No	If no, describe (include level):			

57. Is the stairway at least 22" wide? Use shortest measurement if variable between levels.	Yes	No	If no, describe:
58. Are riser heights from 6-1/2" to 9-1/2" and uniform throughout? Use shortest measurement if variable.	Yes	No	If no, describe:
59. Is tread depth at least 8" for stairs with closed risers or 6" for stairs with open risers? Use shortest measurement if variable.	Yes	No	If no, describe:
60. Is the approximate stairway rise between 30 and 50 degrees? Estimate.	Yes	No	If no, describe:
61. Are stair treads slip resistant?	Yes	No	If no, describe:
62. If stairway platforms are present, are they of standard OSHA design? Stairway landings and platforms measured in the direction of travel must be at least 22 inches wide, and not less than 30 inches in length with standard guardrail systems (see #51).	Yes	No	If no, describe:
63. Is a vertical clearance of at least 7' maintained throughout the stairway?	Yes	No	If no, describe:
64. Is there a handrail present?	Yes	No	
65. Is it a standard OSHA stair handrail? Stair handrails are to be 34 inches nor less than 30 inches from upper surface of handrail to surface of tread in line with face of riser or to surface of ramp. The size of handrails are to be: When of hardwood, at least 2 inches in diameter; when of metal pipe, at least 1-1/2 inches in diameter. The length of brackets are to be such as will give a clearance between handrail and wall or any projection thereon of at least 3 inches. The spacing of brackets must not exceed 8 feet.	Yes	No	If no, describe (include measurements):
66. Is the stair handrail sound?	Yes	No	If no, describe:
Notes/Etc.			
Other Notes (Use additional pages if needed):			