

101 DRILLS FOR THE COMPANY OFFICER

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OBJECTIVES

- Identify 101 different drills to use in a variety of situations.
- Define the role a company officer has in training, educating and mentoring their crew.
- Create a training plan to best meet the needs of their personnel.
- Determine training locations to best meet the needs of the subject matter.

**What is the role of the
company officer in
regards to training?**

WHERE TO DRILL

- Fire station / apparatus bay / kitchen table
- First-due area
- Other locations within your jurisdiction
- Outside of your jurisdiction
- Department training center / classroom

WHO WILL INSTRUCT?

- The company officer
- The paramedic or EMT
- The engineer
- The firefighter
- The probationary firefighter
- The resident expert
- Outside instructors

101 DRILLS FOR THE COMPANY OFFICER

LADDERS

1. Ladder terminology / maintenance
2. Determining appropriate length for job
3. Attic / Folding ladder usage
4. Throw each size of ladder carried
5. Aerial device operation / placement

HOSE

6. Hose terminology / maintenance, including hose streams, nozzles and foam
7. Deploying small handlines (1 ½", 1 ¾")
8. Deploying large handlines (2 ½")
9. Deploying a portable deck gun / master stream.
10. Determining length of hose needed
11. In a building, make the hose into spaghetti and order personnel out to see if they can find the couplings

SCBA

12. SCBA terminology & maintenance
13. Don your SCBA for time.
14. Pass through a narrow opening while wearing an SCBA
15. Determine how long it takes to suck down one SCBA bottle.
16. Emergency procedures while using an SCBA.
17. How to refill / change SCBA cylinders.

TOOLS & EQUIPMENT

18. How to inspect and maintain a specific tool or grouping of tools (hand tools, power tools, etc).
19. How to inspect, maintain and operate each fire extinguisher.

FIRE BEHAVIOR

20. Review fire behavior terms and strategy / tactics to mitigate each.
21. Watch Dave Dodsen's Reading Smoke DVD.

BUILDING CONSTRUCTION

22. Review the basic types (I, II, III, IV, V) of construction, especially common buildings within your jurisdiction.
23. Walk through a building under construction, identifying type of construction, also discussing strategy and tactics.
24. Identify unique hazards relating to buildings within your jurisdiction (window bars, driveway gates, etc).

STRATEGY & TACTICS

25. Review the different strategic modes of firefighting (offensive, defensive, etc.)
26. Review RECEO-VS, REVAS, etc.
27. Review the 3 primary Incident Priorities:
 - Life Safety / Customer service (us and them)
 - Incident Stabilization / Hazard Mitigation
 - Property conservation

SIZE-UP

28. Review basic components of size-up.
29. Practice doing radio reports on different types of buildings and in different situations.

APPARATUS OPERATION

30. Perform the daily DMV pre-trip inspection.
31. Review basic hydraulics / pump pressure calculations.
32. Review pump operations – basic and troubleshooting.
33. Practice basic & defensive driving techniques.
34. Spot apparatus for a variety of situations (fires, freeway calls, etc.)

APPARATUS FAMILIARIZATION

35. What is in each compartment? Can they name what is inside, location / quantity / use of each item, etc., with the door closed?
36. Pick a seldom used tool, one per shift, and tell everything you know about it.
37. Visit other types of rigs within your department - “show and tell”

MAP READING / AREA FAMILIARIZATION

38. How to read different map books
39. Place street names in a coffee can to pass around to see if your crew knows where the street is.
40. Reviewing log book, previous calls.
41. Target hazard review (FDCs, challenges, etc.)
42. Key address points within the jurisdiction (N/W/S/E, digits, etc.)

COMMUNICATIONS

- 43. Portable & mobile radio usage / capabilities.
- 44. Department paperwork (ICS form 201, form 214, t-cards, tactical worksheets, commonly used maintenance forms, etc).
- 45. Radio etiquette / terminology

DEPARTMENT MANUALS

46. Review a Policy / Rule / S.O.P. a day
47. Review the Labor / Management agreement
48. Scavenger hunt to locate different, commonly used Policies (sick leave, shift trades, etc.)

ROPES & KNOTS

49. How to inspect and maintain your ropes.
50. How to tie each type of knot you may have to know
51. Use a rope to tie a tool or hoseline for hoisting to an upper floor
52. Review mechanical advantage principles
53. Set up a basic lowering system
54. Change the lowering system to a raising system (z-rig)

WATER SUPPLY

55. Review commonly used water supply systems in your jurisdiction (hydrants, tanks, sprinkler components, etc.)
56. Spot the apparatus for a hydrant connection
57. Practice forward / reverse / split hose lays
58. Practice drafting water from a static water source
59. Practice water shuttle operations
60. Practice relay pumping

EMS

61. Pick a different diagnosis to discuss (cardiac, respiratory, ALOC, etc.) each day
62. Pick a treatment protocol each day to review with the crew
63. Review Triage procedures
64. Practice a different National Registry Skill (patient assessment, splinting, taking vital signs, airway management, spinal immobilization, childbirth, etc.)
65. Review Mass Casualty Incident procedures

VENTILATION OPERATIONS

- 66. Review ventilation principles and procedures
- 67. Using actual buildings, discuss where and how to ventilate
- 68. Demonstrate inspecting, maintaining, and using each ventilation tool

VEHICLE EXTRICATION

69. Review how to use, inspect, and maintain power tools & hand tools relating to vehicle extrication
70. Review information on “new” vehicles and what challenges you may be faced with
71. Get a used vehicle from your local tow yard to cut up

HAZ MAT

72. Review basic Haz Mat awareness & operations level actions (Safety, Isolate & Deny Entry, Notifications)
73. Review the latest Emergency Response Guide (orange DOT book)
74. Practice setting up an emergency decontamination station
75. Show and tell with your local Haz Mat unit

WILDLAND FIREFIGHTING

- 76. Deploy wildland tent shelters under simulated fire conditions
- 77. Practice taking the fire weather
- 78. Practice progressive hose lays
- 79. Review the 10 Standard Fire Orders & the 18 Situations That Shout “Watch Out.”
- 80. Apply LCES to various situations

HIGH-RISE FIREFIGHTING

81. Review key ICS positions for High-rise incidents
82. Review High rise operations (including ALS Base)
83. Practice standpipe operations, including troubleshooting, pumping, etc.

SALVAGE OPERATIONS

84. How to maintain and use various salvage tools (salvage covers, hall runners, visqueen, squeegees, water vacuums, sprinkler shut-offs, etc.)

SAFETY & SURVIVAL

85. Review vehicle fire safety operations
86. Review Firefighter Fatality reports, and websites such as www.firefighternearmiss.com and www.firefighterclosecalls.com and www.respondersafety.com, and www.fireengineering.com and discuss cases with your crew
87. Don your PPE for time
88. How to inspect and maintain your PPE
89. Review electrical emergency operations

RIC / RIT / FAST OPERATIONS

90. Review RIC operations, including terminology, tool caches, member assignments, radio communications, deployment issues, etc.
91. Have a mayday scenario to put it all together

ICS

92. Review common components of ICS, including terminology, command staff, general staff, position titles, position duties, etc.

BASIC FIREFIGHTING

93. Review search and rescue techniques, terminology, challenges, and then practice in different types of structures
94. Review forcible entry tools, techniques, and challenges
95. Review operations for unique situations such as basements, parking garages, subways, railroads, trench rescue, confined space, water rescue, etc.

MISCELLANEOUS

96. Do a fire inspection with a fire inspector
97. Have a fire investigator review cause/origin & evidence preservation techniques
98. You tube / videos / DVDs
99. Fire trade magazine articles / pictures
100. Computer usage (reports, email, etc.)
101. History of the fire service, and more importantly, history of your department

CLOSING THOUGHTS

- Questions?
- Thank you very much for taking the time to be here!
- Be safe out there, and train like your life depends on it – because it does!

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