

Truck Company Fireground Operations

Instructor Guide

Session Reference: 2 of 2

Topic: Aerial Apparatus Practical Activities

Level of Instruction:

Time Required: 3

Materials:

References:

- Truck Company Fireground Operations, Second Edition, Chapters 2, 8, and 11
- Essentials of Fire Fighting, Third Edition, Chapter 8

PREPARATION:

Motivation:

Objective (SPO): 2-1

The student will demonstrate a basic understanding of setting up and operating elevated streams through a series of practical activities addressing the material in Session 1.

Overview:

Aerial Apparatus Practical Activities

- Rescue using aerial apparatus
- Ventilation using aerial apparatus
- Hose operations using aerial apparatus
- Elevated streams

Session 2

Aerial Apparatus Practical Activities

- SPO 2-1 The student will demonstrate a basic understanding of setting up and operating elevated streams through a series of practical activities addressing the material in Session 1.
- EO 2-1 Demonstrate the various techniques for rescuing a conscious victim using aerial units.
- EO 2-2 Demonstrate the techniques of using aerial units to ventilate a structure.
- EO 2-3 Demonstrate the techniques of using aerial units to support fire streams.
- EO 2-4 Demonstrate the tactical use of an elevated stream.

I. Rescue Using Aerial Apparatus (2-1)

- A. Spot the turntable for rescue from the window of a structure
- B. Raise the aerial unit to effect the rescue of an unconscious victim from a window
- C. Place the ladder or platform
- D. Discuss an imperfectly spotted turntable
- E. Remove a simulated trapped people
- F. Remove a simulated victim using a litter
- G. Utilize the aerial ladder or platform as a lifeline anchor

II. Demonstrate Ventilation Using Aerial Apparatus (2-2)

NOTE: If facilities are not available to practice the ventilation activities, they can be simulated.

- A. Remove a window for ventilation using hand tools from an aerial device
- B. Vent a roof opening with a stream
- C. Vent by removing a window with an aerial ladder

III. Demonstrate Hose Operations Using Aerial Apparatus (2-3)

- A. Lift personnel and equipment using an aerial device
- B. Use an aerial device as a portable standpipe

IV. Demonstrate Elevated Streams (2-4)

- A. Set Up an Aerial Pipe
- B. Set up an aerial stream for fire attack
- C. Set up an aerial stream for exposure coverage
- D. Set up an aerial device for elevated handlines

SUMMARY:

Review:

Aerial Apparatus Practical Activities

- Rescue using aerial apparatus
- Ventilation using aerial apparatus
- Hose operations using aerial apparatus
- Elevated streams

Remotivation:

Assignment:

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EVALUATION: