

Ladder Truck Riding Assignments

Location: Westbury Fire Department Station 2 575 Old Country Rd, Westbury, NY 11590

Date: Thursday January 24, 2019

Start Time: 1930 hours

Lesson Goal

All firefighters with PPE and appropriate equipment will have an understanding of the 1st, 2nd, and 3rd due Ladder Truck riding positions at structural fires.

Objectives

Upon completion of training students will show

1. Knowledge of the role and responsibilities for the Chauffeur position as the 1st and 2nd due ladder truck
2. Knowledge of the role and responsibilities for the Roof position as the 1st and 2nd due ladder truck
3. Knowledge of the role and responsibilities for the Outside Vent position as the 1st and 2nd due ladder truck
4. Knowledge of the role and responsibilities for the Officers position as the 1st and 2nd due ladder truck
5. Knowledge of the role and responsibilities for the Can position as the 1st and 2nd due ladder truck
6. Knowledge of the role and responsibilities for the Irons position as the 1st and 2nd due ladder truck
7. Discuss the role and responsibilities of the 3rd Due ladder truck

Methodology

This lesson uses psychomotor skills. The level of learning will be comprehension.

Lesson Plan

Students will be divided into 3 groups that will alternate Stations A, B & C. Station A will target completing objectives # 1 & 2. Station B will target completing objective #3. Station C will target objectives #4, 5 & 6. After students have completed each station all groups will come together to target object #7.

All Stations will cover the below outline by starting at Ladder Truck going over the proper seat and locating equipment of the assigned riding position(s). The stations then will enter the training area for practical application of the roles and responsibilities of the assigned riding position outlined in the lesson plan.

Station A- will ladder roof of supermarket, students will then climb to roof to cover outlined objectives

Station B- will use exterior of training building and 2nd floor window to VEIS

Station C- will use the first floor of the Training Building

Groups will alternate stations every 30 minutes

Lesson Duration: 1.5-2 hours

I. Objective 1- Knowledge of the role and responsibilities for the Chauffeur position as the 1st and 2nd due ladder truck

A. Seat

1. Drivers Seat

B. Equipment

1. Radio
2. Handlight
3. SCBA*
4. Additional Equipment shall be determined when assisting the OV or ROOF position

C. Should have prior Knowledge of the of the apparatus and the equipment on it

D. Response

1. Safely deliver the personnel, apparatus, and equipment to the reported emergency.

E. Positioning Apparatus

1. Position truck where aerial ladder can be used to cover upper floor windows and get to roof
2. This positioning should be as close as possible to the fire building, without being in the collapse zone being able to cover 2 sides of the structure.
3. In Commercial/ Taxpayers the tower ladder should be placed in a position to obtain the maximum efficiency for master streams
4. The positioning should be coordinated with engine companies.

F. 1st Due Responsibilities

1. Ladder the Structure

a) "Fly" the ladder avoiding wires and obstructions

b) Private Dwellings

(1) Should ladder the Upper floors to provide for VEIS, rescue/removal of occupants, and for safety of operating personnel

(2) Tip of ladder/ Top of Bucket should be placed at or below the window sill

c) *In Commercial Structures*

(1) If Roof Supports roof operations tip of ladder should be placed 6- 8 feet above the parapet/ roof line

(2) Bucket should be placed above/ at Roof line/ Parapet

2. Upon Completion of “flying” the aerial device team up with OV & ROOF and assist with their job functions

G. 2nd Due Responsibilities

1. Same as the first due

II. Objective 3- Knowledge of the role and responsibilities for the Roof position as the 1st and 2nd due ladder truck

A. Seat:

1. Behind Chauffer

B. Equipment

1. Radio

2. Handlight

3. SCBA

4. Roof Saw (Size-Up/Structure will determine appropriate saw)

5. Hook (Size-Up/ Structure will determine appropriate size hook)

6. Life Saving Rope

7. Utility Rope

C. 1st Due Responsibilities

1. Pre-Plan Information

2. Size-up

a) *Peaked Roof*

(1) Should assist Outside Vent position with objectives

b) *Flat Roof*

(1) Determine if Roof construction/ conditions is suitable for roof operations

3. If roof is suitable for roof operations Determine method of accessing the roof without delay (interior stairs should not be used)
 - a) *Aerial Device/ Portable Ladder*
 - b) *Fire Escape*
 - c) *Adjoining building*
4. 2nd means of egress should be placed prior to accessing roof
 - a) *Portable Ladder*
 - b) *Aerial Device*
5. Assure the roof is safe prior to entry
6. Obtain visual all sides of structure (walk opposite corners)
7. Report to Command Conditions observed on roof and sides of the structure
8. Access Bulk Head Door
 - a) *Search for life*
 - b) *Search for Victims*
 - c) *Determine if fire attack stairwell and control ventilation*
9. Determine location of fire by
 - a) *Monitoring fireground transmissions*
 - b) *Opening Cockloft*
 - c) *Conditions presented on roof*
10. If fire is located on the floor below the roof
 - a) *Cut roof ASAP no need to ask for permission*
 - b) *Determine Location of fire*
 - c) *Open natural Openings*
 - (1) Skylights
 - (2) Scuttles
 - (3) Etc.
 - d) *Cut Inspection Hole*
11. Conduct Vertical Ventilation

D. 2nd Due Responsibilities

- 1. Pair with the 1st Due Roof and assist in completing objectives**
- 2. If going to roof consider bringing additional saws and Hooks > 10'**

III. Objective 4- Knowledge of the role and responsibilities for the Officers position as the 1st and 2nd due ladder truck

A. Seat

- 1. Middle Seat on Drivers Side**

B. Equipment:

- 1. Radio**
- 2. Hand light**
- 3. Halligan**
- 4. 6' Multi-Hook**

C. 1st Due Responsibilities

- 1. For Private Dwellings/ Multiple Dwellings May be acting by self or with Roof/ Chauffer**
- 2. Commercial Occupancies will team up with the Roof and assist with roof objectives**
- 3. Conduct 360**
- 4. Surveying all Exposures for**
 - a) Victims at windows/ fire escape***
 - b) Hazards***
 - c) Appropriate Window (Entry) for VEIS***
- 5. Horizontal Ventilation**
 - a) In conjunction with interior operation (water on fire)***
- 6. VEIS**
 - a) Purpose: To search for victims in areas where the interior teams may be delayed in searching.***
 - b) Should be Cognizant of the location of the main body of fire and the position of hoselines***

- c) *Select appropriate window/ door for entry***
 - (1) Monitor wind conditions
 - (2) Potential for auto exposure
 - (3) Possible Life Hazard above window
 - d) *Determine if conditions are tenable for search and does not pose a high risk to the firefighter***
 - e) *Vent Window/ Door***
 - (1) Understand venting window/ door creates a new flow path
 - (2) Conditions should be reassessed prior to entry
 - f) *Probe immediate area for victims***
 - g) *Enter opening***
 - h) *Isolate the room***
 - (1) To control flow path/ conditions in the room interior door should be closed without delay.
 - i) *Search Room***
- 7. Be in contact with officer reporting actions/findings**

D. 2nd Due Responsibilities

- 1. Same equipment and Seat as 1st Due**
- 2. Assist 1st due OV complete objectives**
- 3. Place Ladders all sides of structure**
 - a) *When Placed at a window, an appropriate sized ladder should be extended to sit at the window sill with a proper climbing angle***
 - b) *When there is or a potential for Roof operations, an appropriate sized portable Ladder should be selected and positioned with at least 3 rungs above roof line/ parapet wall with a proper climbing angle***

IV. Objective 4- Knowledge of the role and responsibilities for the Officers position as the 1st and 2nd due ladder truck

A. Seat:

- 1. Front Passenger**

B. Equipment

- 1. Radio**
- 2. Handlight**
- 3. SCBA**
- 4. Thermal Imaging Camera**
- 5. Officers Tool**
- 6. Search Rope**

C. 1st Due Responsibilities

- 1. Safety and Accountability of crew**
- 2. Size-Up**
 - a) Not only upon arrival but throughout incident*
- 3. When 1st to arrive at a scene shall give the Size up Report**
 - a) Height, occupancy, building type and visible conditions*
- 4. Assign Strategies and tactics that support the size-up**
- 5. Within 2 minutes of Size-Up Report officer is to give Initial Report**
 - a) Height, occupancy, building type, identify incident objectives and actions being done by first due unit*
- 6. Paired with the Can & Irons position**
- 7. Make Entry to structure**
- 8. Conduct Primary Search in the following order**
 - a) Fire Area*
 - b) Area Adjacent to Fire*
 - c) Floor above Fire*
 - d) Other Areas*
- 9. Communicate with Engine officer**
 - a) To avoid duplication of primary searches in areas ask engine what areas they searched*
 - b) Direct Hoseline to where fire is located*

10. **Communicate with other Truck Companies**
 - a) *When structure is larger than a standard private dwelling, searches beyond area adjacent to fire area may be conducted by later arriving Ladder companies.*
11. **Maintain Contact with**
 - a) **Command**
 - (1) Progress Reports
 - b) **Exterior Crew Members**
 - c) **Interior Crew Members**
12. **Maintain Accountability with**
 - a) **Exterior Crew Members**
 - b) **Interior Crew Members**

D. 2nd Due Responsibilities

1. **If FAST is not on scene yet**
 - a) *Crew will act as FAST to meet 2 in/ 2 out*
2. **If 2 in/2 out is met**
 - a) *Support the 1st Due in searching*
 - b) *Searching floor above or other potential areas of fire*
 - c) *Will be determined by 1st due Truck's progress*
3. **If Primary Searches are completed by 1st due**
 - a) *Conduct Secondary Searches*
 - b) *Ventilate when necessary*
 - c) *Check for Extension*
 - d) *Control Utilities*
 - e) *Salvage*

V. Objective 5- Knowledge of the role and responsibilities for the Can position as the 1st and 2nd due ladder truck

A. Seat:

1. Behind the Officers Seat

B. Equipment

1. Radio
2. Handlight
3. SCBA
4. 6' Pike Pole
5. Water Can

C. 1st Due Responsibilities

1. Teamed up with the Officer and Irons
2. Assist Irons with forcing entry into building and within structure
3. Conduct Primary Search
 - a) *If victim is found:*
 - (1) Notify Team members
 - (2) Remove from structure
 - b) *If Fire is found:*
 - (1) Attempt to Extinguish Fire
 - (2) Contain fire by closing door,
 - (3) Use water can to keep from extending to other parts of the structure.
4. Upon Completion of Primary Search
 - a) *Provide Horizontal Ventilation in conjunction with the hoseline*
 - b) *Overhaul*
 - c) *Assist advancing hoseline*

D. 2nd Due Responsibilities

1. Officer will assign Strategy & tactics based upon the officer 2nd due responsibilities

VI. Objective 6- Knowledge of the role and responsibilities for the Irons position as the 1st and 2nd due ladder truck

A. Seat

1. Middle Seat Officers Side

B. Equipment

1. Radio
2. Handlight
3. SCBA
4. Halligan
5. Flat Headed Axe
6. Maul*
7. K-Tool*
8. Hydra-Ram*
9. Forcible Entry Saw*

C. 1st Due Responsibilities

1. Teamed up with the Officer and Can
2. With assistance from the Can position, forcing entry into building and within structure
3. Conduct Primary Search
 - a) *If victim is found:*
 - (1) Notify Team members
 - (2) Remove from structure
 - b) *If Fire is found:*
 - (1) Clear a path for the hoseline. Move furniture, stock, etc. to allow unrestricted movement of the line directly to fire area
 - c) *Direct engine in*
4. Upon Completion of Primary Search
 - a) *Provide Horizontal Ventilation in conjunction with the hoseline*
 - b) *Overhaul*
 - c) *Assist advancing hoseline*

D. 2nd Due Responsibilities

1. Officer will assign Strategy & tactics based upon the officer 2nd due responsibilities

VII. 3rd Due Responsibilities

- A. Officer and Crew with proper equipment will report to command post to stage and await tactical assignment**

VIII. Summary