



GROUND LADDERS

KNOW YOUR EQUIPMENT

HOW MANY FEET OF GROUND LADDERS IS ENOUGH?

- NFPA – Years past 228' of ground ladders on a truck company
- NFPA – Current standard is 115'
- NFPA Additional Standards –
 - Quint (not a truck) 85'
 - Aerial ladder 75'
 - Departments with no truck 28'
 - Pumper 35'

NFPA STANDARD FOR GROUND LADDERS 1932

NFPA STANDARD FOR AERIAL LADDERS 1914

SELECTION

1 - 20' Straight 2 - 35'
2 - 28' 1 - 40' or 50'

Plus: Roof Ladders, Stripping Ladder, Attic Ladder

QUESTIONS TO ASK?

- How do you remove from the apparatus?
- Are they properly marked – size and company?
- When to clean, raise, check, lubricate and why?
- How is the halyard tied?

KNOW YOUR LADDERS

KNOW THE BUILDING

KNOW THE MISSION

SELECTION/USE:

Size of Ground Ladders When Bedded

24' is 14' 28' is 16' 35' is 20'

SIZE UP:

Residential – Commercial – Occupancy – Construction

CEILING HEIGHTS: Residential 6' 8' 10' 12'
 Commercial 10', 12', 15' or more

Considerations: Parapets and Mansards

WHY A TRUCK COMPANY NEEDS A COMPLIMENT OF GROUND LADDERS

- 1 Story Roof:
14' Roof, 16' Roof or Straight
24', 28', 30', 35', 38'
- 2nd Floor Window:
14', 16', 20', 24', 30', 35', 38'
- 2nd Story Roof:
20', 24', 28', 30', 35', 38'
- 3rd Floor Window:
30', 35', 38'
- Do a proper size-up to determine if 28' will work on structure.
- 4th Floor Window:
35', 38', 40', 50' Bangor

IF IN DOUBT, USE THE KISS METHOD – KEEP IT SIMPLE/STUPID

- 2nd Floor: 20' or more
- 3rd Floor: 30' or more
- 4th Floor: 40' or more

**LADDER ALL DIVISIONS/ALL FLOORS FOR US FIRST
CONTENTS VS. STRUCTURE FIRE AND LADDERS**

REMINDERS:

VICTIM REMOVAL

- Interior/Exterior Stairs
- Aerial Device – Aerial, Tower Ladder, Snorkel
- Ground Ladders – Most dangerous and time consuming

Considerations: Go for the victim in the most danger or the most victims?

**CLIMBING GROUND LADDERS WITH TOOLS
VENTING WITH LADDER VS. TOOLS
PPE DURING VENT PROCEDURES
PLACEMENT OF LADDER DURING VENTING
NOTIFICATION TO COMMAND**