West Valley Regional Fire Training

Training Plan

Subject	
Ground Ladders	

Instructors		
A	**B**	**C**

Logistics	
Time Required	**Equipment Needed**
2 hrs	16’ – 20’ Straight Ladder 24’ Extension Ladder 35’ Extension Ladder

Description

Objectives:

1. Review and demonstrate options for:
   - Deploying and carrying ground ladders from apparatus
   - Ladder Raises (1 & 2 FF evolutions)
   - Appropriate ladder positioning for fire ground operations
2. Discuss and demonstrate acceptable methods for:
   - Footing the ladder
   - Climbing Ladders
   - Working from ladders

Description / Outline:

1. Demonstrate options for deploying ground ladders from apparatus.
   - Single FF (24’ Extension Ladder & Str. Ladders)
   - 2 FF (35’ Extension Ladder)
2. Demonstrate options for ladder carries:
   - High & Low Shoulder Carries
   - Low Shoulder/Suitcase Carry (35’ Ext. Ladder)
   - Perform Ladder Carries with tools
3. Spot and raise ladders.
4. Discuss ladder placement, climbing, and working from ground ladders.
   - Tip at or below the window sill
     - Most versatile option for ladder placement
     - Provides largest opening in window
   - Increased ladder angle
     - Greatest angle that the ground surface will support
     - Ladder carries more of the weight of potential victims
   - Foot ladders from the front (facing the building)
   - Climbing & working from ladders
     - Hands on beams vs. hands on rungs while climbing
     - Modified leg & arm locks
     - Moving ladders on the fire ground

Prepared By:	Date / Date Revised:
J. Calista	3 / 01 / 2015

West Valley Regional Fire Training

Training Plan

Subject	
Aerial Ladder Placement – Optional	

Instructors		
A	**B**	**C**

Logistics	
Time Required	**Equipment Needed**
1 hr	Aerial Ladder (Optional)

Description

Objectives:

1. Review and demonstrate:
   - Aerial ladder set-up
   - Appropriate ladder positioning for fire ground operations
2. Discuss and demonstrate acceptable methods for:
   - Positioning to different building features
   - Climbing Aerial Ladder
   - Working from Aerial Ladders

Description / Outline:

1. Demonstrate Aerial Ladder Set-Up Procedures:
   - Apparatus Placement
     - Spotted for Safety & Efficiency (potential for multiple operations)
     - Identify Overhead or Ground Obstructions
   - Engage Aerial Master
   - Aerial Set-Up Procedures (Per manufacturer recommendations & SOGs):
     - Vehicle Stabilized (Chocks)
     - Outriggers Deployed
       - Fully Extended (Out)
       - Vehicle Leveled (Low Side 1st)
       - Weight Fully Removed from Drive Axle (“Bubble” Out of Tires)
     - Discuss Load Limitations and Override features
   - Raise, Rotate, & Extend to Objective
2. Discuss ladder placement, climbing, and working from Aerial Ladder:
   - Square to the window (if possible)
     - Ease of Transition to/from Ladder
     - Balconies / Fire Escapes / Alternate Building Features
   - Tip at or below the window sill
     - Most versatile option for ladder placement
     - Provides largest opening in window
   - Should NOT load building (counter-load Ladder)
   - Rungs Might NOT be Aligned
     - Tip Placement is Priority over Rung Alignment
     - Ladder carries more of the weight of potential victims
   - Climbing & working from ladder

Prepared By:	Date / Date Revised:
J. Calista	3 / 01 / 2015