



Loveland Fire Rescue Authority  
410 East 5th Street  
Loveland, Colorado 80537  
(970) 962-2471 Fax (970) 962-2922 TDD (970) 663-5144  
[www.cityofloveland.org](http://www.cityofloveland.org)

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## **ALLEY LOAD HOSE DEPLOYMENT (2.3)**

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Revised By: Firefighter Alex Chapin 10/2016

- NFPA 1961 – Standard on Fire Hose
- NFPA 1963 – Standard for Fire Hose Connections
- NFPA 1964 – Standard for Spray Nozzles
- NFPA 1965 – Standard for Fire Hose Appliances

### **TASK SKILL DESCRIPTION AND DETAIL**

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The Alley Load can be one of the most versatile hose line choices available to the Loveland Fire Rescue Authority. This hose line selection gives engine companies an opportunity to place the line in service for either rural or urban settings. Rural applications may include long driveways in which an apparatus might not be able to access the residence; whereas, the urban setting can include large residences with long stretches to the rear or at multi-family dwellings where apparatus access may be limited.

The Alley Load can be deployed with minimum staffing but will require assistance in ensuring that the line is put into operation correctly (i.e. kinks removed, appliances controlled, etc.). The addition of a gated-wye on this hose load allows for two 1 ¾" hose lines to be in operation at the same time.

### **Alley Line Deployment**

1. This hose deployment requires a minimum of two firefighter for the operation. During deployment, both firefighters will position at the rear of the apparatus. Due to the complexity and amount of hose needed for the Alley Load, firefighters pulling this hose line should be familiar with the following hose loads:
  - Gasner Load
  - Minuteman Load
  - Flat Load



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2. The first firefighter shoulders the 100' Gasner section (controlling the wye in hand). Be sure to step a few feet from the apparatus and **STOP**. This will allow the second firefighter to pull their sections of hose (see Figure 3).



.Figure 3



3. The second firefighter shoulders the next section of the load (this will be the 100' Minuteman). The second firefighter then turns and grabs the loop halfway through the flat load (see Figure 4).

\*The Minuteman load should be shouldered on the same side that the first firefighter has shouldered the Gasner load.



Figure 4





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4. Once the firefighters have their sections of hose shouldered, both firefighters will progress toward the fire area (see Figure 5). As the loop pulls tight with the flat load, indicating the hose bed is cleared, the second firefighter must not let the minuteman deploy off of their shoulder until all of the flat-loaded hose is stretched out and dressed.



Figure 5



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5. When deploying the Minuteman load, the hose will flake off of the second firefighter's shoulder as they progress forward. The Gasner section will be the last to be deployed (see Figure 6).



Figure 6



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6. Avoid pinch points around corners to ensure appropriate water flow for fire attack (see Figure 7). Hose should be placed to the outside of stairwells in order to avoid kinks and allow for safe travel up and down the stairs (see Figure 8).



Figure 7



Figure 8





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7. Once firefighters have made the advancement to the fire area or fire floor, firefighters should address any remaining areas that can create kinks (see Figure 9).



Figure 9

- 8.



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The firefighter should place the gated-wye in an area that has low foot traffic to avoid accidental shut off of the hose line during firefighting operations. The firefighter should also ensure that the gated-wye is closed until the Gasner section has been placed in an appropriate location for fire attack (see Figure 10).



Figure 10





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9. Gasner placement and advancement for fire attack should remain consistent with Section 1.1, *Green and Yellow Line Deployment* of the Training Manual (see Figure 11).



Figure 11

Deployment of this hose load is the same in the rural setting and follows many of the same steps as listed above; however, all personnel should be familiar with potential water flow and supply issues as well as water capabilities (gallons) of the first responding apparatus when working in the rural environment.



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## REFERENCES

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- The National Fire Protection Agency, Standards: 1961, 1963, 1964, 1965
- IFSTA Essentials of Fire Fighting and Fire Department Operations, 5th Edition
- LFRA Training Manual "Alley Load Hose Deployment" Version 2.2