



Volume 22, Number 266

Weekly Fire Drill

NFPA 1410

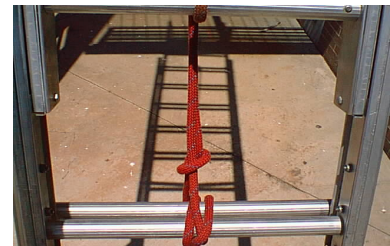
Truck Company Knots



Single Hand Bowline



Clove Hitch



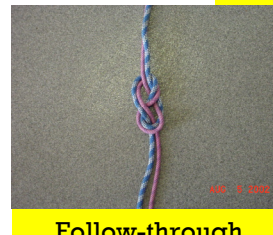
Halyard Tie-Off (Clove Hitch)



Handcuff Knot



Figure 8 on Bight



Follow-through
Figure 8



Overhand Safety
Knot

Objective: To correctly tie various fire service knots in accordance with accepted department practice and references. Conduct at least two evolutions utilizing knots for hoisting evolutions and at least one evolution for each other knot application.

Evolution Description:

This evolution shall consist of demonstrating the ability to tie knots and hitches for fireground use.

Knot

- Clove Hitch
- Figure Eight
- Figure Eight on a Bight
- Sheet bend
- Single overhand safety knot
- Handcuff Knot
- Single hand bowline

Possible Uses for Knot

- Halyard tie-off, hoisting tools
- Tying two equal ropes together, component of other knots
- Used when a loop is needed in the middle of a rope, hoisting
- Tying ropes together (Becket bend) of equal length
- Finish (safety) to most knots
- Firefighter rescue knot
- Self-rescue, tying rope to self

Evaluation Criteria:

- ✓ Knot properly tied according to department or IFSTA standard
- ✓ Firefighter explains use of knot on fireground
- ✓ Knot tied within recommended maximum time
- Time begins at signal from the evaluators signal of "go" and concludes when firefighter signals that the knot is tied.
- Complete tool/equipment hoisting evolution with at least 2 pieces of equipment using 2 different knots

Reference: NFPA 1410, 2005 Edition; Training for Initial Emergency Scene Operations