

## Cincinnati Fire Department Fire Training Supplement DRILL BOOK

**TOPIC TITLE:** 

35 Foot Pole Raise – 4 Fire Fighter Parallel to the Building

Ladder Company Operations

Total # of Pages: 8

Topic #: 9

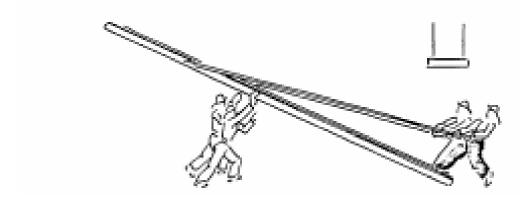
#### TOPIC #9

Section #: 4

#### 35 FOOT LADDER - 4 FF - PARALLEL TO BUILDING

- 1. The ladder is carried to the location for use. The point of service is determined and the ladder is placed on the ground, the proper distance from the wall and parallel to it.
- 2. Two fire fighters will position themselves at the butt of the ladder and remove the poles from their keepers. These two fire fighters will stand, back to back, at the butt of the ladder, with both hands on their poles. Both fire fighters will place the ball of their closest foot on the bottom rung. The third and fourth fire fighters will take positions near the fourth rung from the top of the ladder, facing the top of the ladder. The fire fighters at the top of the ladder will reach down with their inside hand and grasp the fourth rung, lift and pivot, while raising the ladder overhead by the beam. These two fire fighters will walk the ladder up on the beam.







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3. As the ladder nears the vertical position, the fire fighters on the poles will maintain visual contact with the top of the ladder as they extend the pole backward with their rear hand and grasp a convenient rung with the other hand. This movement is done so that the spurs on the poles will not contact the ground. In this position the fire fighters on the poles can maintain the stability of the top of the ladder. The fire fighters who lifted the ladder will position themselves at the rear butt and place their inside hand on a convenient rung and the other hand on the beam. The third and fourth fire fighters will keep both feet on the ground.



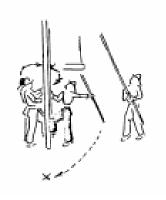


4. The pole person nearest the building moves first. He moves to the outside of his pole by ducking under the pole, rather than walking around it and moves to a position on line with the narrow side of his beam. As the pole person moves, the fire fighter on the beam closest to the building moves to the wide side of the beam and grasps the beam with both hands.



After other pole person yells "**I've Got It**" the FF closest to the bldg. moves first to the outside of his pole into a position inline with narrow side of the beam.

MAINTAIN EYE CONTACT WITH TOP OF LADDER





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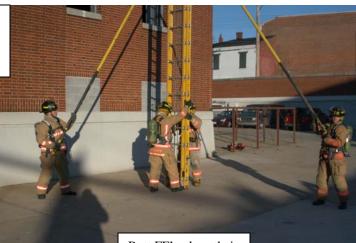
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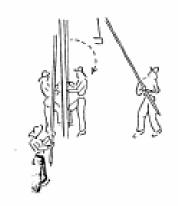
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5. The second pole person positions himself on the outside of his pole and moves to the wide side of his beam. As the second pole person moves, the rear butt or heel person places his foot on the bottom rung near the pivot beam. (The pivot beam will always be the beam farthest from the building.) The rear butt person should place both hands on the beams of the number one ladder. The person on the wide side of his beam now moves to the front butt and places his hands on the beams of the number one ladder, either above or below the rear butt person's hands.

This FF moved 1st into this position and says "I've Got It"



Butt FF's place their feet on the pivot beam. Pivot beam is furthest from bldg. After the 1<sup>st</sup> FF is in place and says "I got it" this fire fighter moves on the inside of his pole to the wide side of the beam





Date: January 2006 Section #: 4

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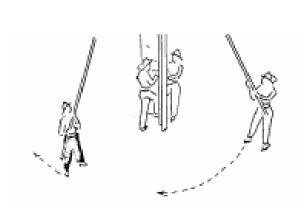
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6. The ladder can now be pivoted, so that the fly ladder is away from the building. The pole person on the wide side of his beam will pull on his pole, so that the opposite beam raises one to two inches from the ground.





Ladder is pulled towards the pole fire fighter on the pivot beam and raised about 2" from the ground

7. The fire fighter on the front butt will assist the ladder as it is pivoted. The fire fighter on the rear butt will pivot the ladder by placing his weight on the foot that is on the rung and pushing forward. This will allow the rear butt person to pivot the ladder smoothly. When the ladder has been pivoted to the proper position, the fire fighters on the poles will allow both beams to rest on the ground.



Date: January 2006 Section #: 4

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SECTION #4

Ladder

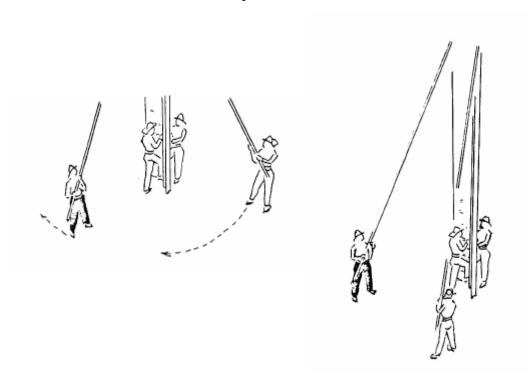
Company

Operations

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Topic #: 9

8. After the pivot, the pole person closest to the building will move to the front of the ladder next to the other pole person, facing the narrow side of the beam. He will remain on the outside of his pole.





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9. The ladder can now be extended. The fire fighters on the poles can guard the top of the ladder. The right pole person will shout out, "**Extend the ladder**", to which the rear butt person will call out, "**Hands and Feet**". The person on the front butt will ensure that his hands and feet are safe from the movement of the fly ladder. The person on the rear butt can now extend the ladder using the halyard (extend with a hand over hand pull on the rope). When the ladder has reached the proper height, the fire fighter on the right pole will call out, "**Lock it**". This will prompt the fire fighter with the halyard to set the pawls or dogs on the next rung.

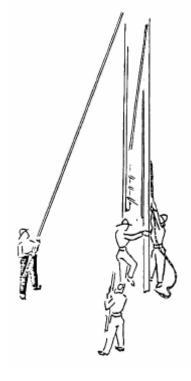


RIGHT POLE PERSON: "Extend the

ladder"

**REAR BUTT:** "Hands and Feet"

POLE PERSON: "Lock It"





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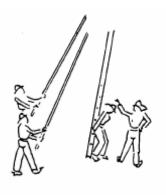
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10. To lower the ladder into the building or "boom in", the person on the front butt steps onto the first rung of the ladder with both feet and places both hands on a convenient rung. The person on the rear butt grasps a rung with each hand, one hand higher than the other, by one rung. He then places one foot back. (The foot corresponding to the hand on the highest rung should be moved back. e.g. right hand up, right foot back) This allows the person on the rear butt to assist with booming in. The two fire fighters on the poles will carefully lower the ladder into the building.



11. After booming-in, the person on the rear butt can make adjustments in ladder position at this time, guided by the fire fighters on the poles and assisted by the person on the front butt. The person on the front butt will determine the proper distance from the building.





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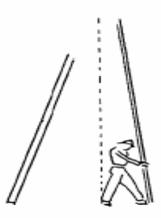
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Section #: 4 35 Foot Pole Raise – 4 Fire Fighter
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12. Poles can be "PLACED", if necessary, at this time if the ladder is raised on soft ground. Poles should not be used when the ladder is on concrete, asphalt, or other similar surfaces. In this case, the poles are returned to their keepers. To place the poles/the fire fighters on the poles take a position standing next to the wide side of their beam, at the butt of the ladder. The pole person will then place the pole where it makes contact with the ground.



13. To lower the ladder to the ground, reverse the steps. Before the fire fighters on the poles move to the pivot position, a determination should be made as to the direction the ladder will be lowered to the ground. The pole person opposite the direction to which the ladder is to be lowered, moves first. As the fire fighters, lowering the ladder by the beams, near the toggles, the pole persons call out, "READY" and as they pass the toggles, they call out, "TAKE IT". On the command "TAKE IT", the fire fighters on the beams turn and face the beam as they lower the ladder to waist level. The fire fighters on the beams reach in, with the hand nearest the butt of the ladder, grasp a rung, and then lower the ladder to the ground.