	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #4 Ladder Company Operations
Date: January 2006	TOPIC TITLE:	Total # of Pages: 9
Section #: 4	35 Foot Pole Raise – 3 Fire Fighter Parallel to the Building	Topic #: 7

TOPIC #7 35 FOOT LADDER - 3 FF RAISE – PARALLEL TO BUILDING

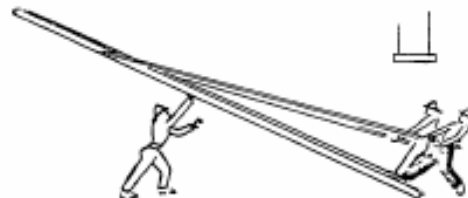
1. The ladder is carried to the location for use. The point of service is determined and the ladder is placed on the ground the proper distance from the wall and parallel to it.

THIS FF
DETERMINES
PLACEMENT




2. Two fighters will position themselves at the heel or butt of the ladder and remove the poles from their keepers. These two fire fighters will stand, back to back, at the heel or 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 of the ladder. The third fire fighter will take a position at the top of the ladder, between the beams, facing the heel or butt. When all fire fighters are in position, the fire fighter at the top of the ladder will grasp the top rung of the number one ladder and lift the ladder over his head. He will then raise the ladder, assisted by the fire fighters on the poles, to a vertical position by grasping the center of the each rung as he walks forward.

RAISE ONE RUNG
AT A TIME
USE YOUR LEGS




Pole FF's lean back
to assist in the
raising of the ladder

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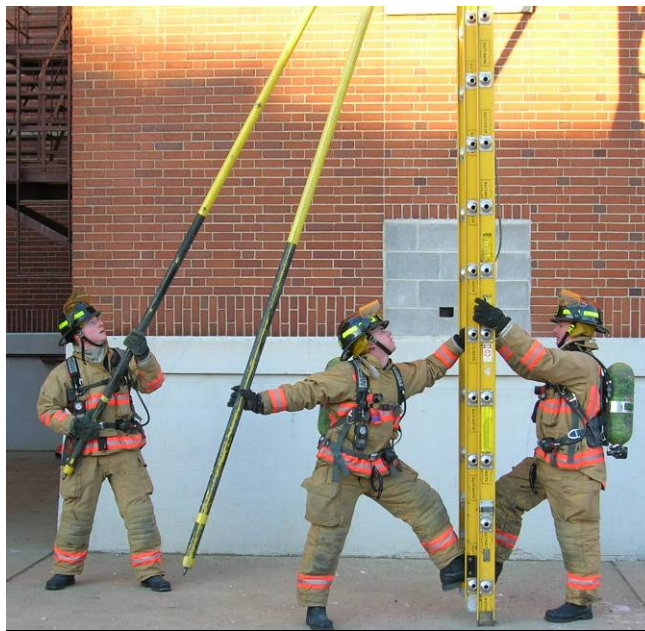
3. As the ladder nears the vertical position, the fire fighters on the poles will maintain visual contact with the top of the ladder as they extend their pole backward with their rear hand and grasp a convenient rung with the other hand.
 - a. **Note:** This movement is done so that the spurs on the 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.
4. The fire fighter who lifted the ladder will position himself at the rear butt and place both hands on the wide side of the beams of the number one ladder and both feet on the ground.




POLE PERSONS
KEEP EYES ON TOP
OF LADDER

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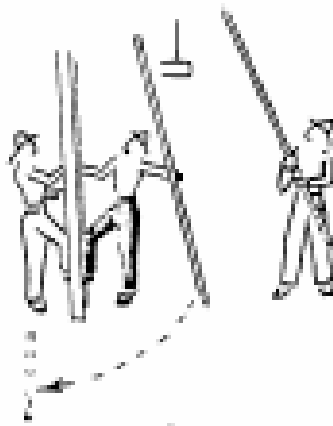
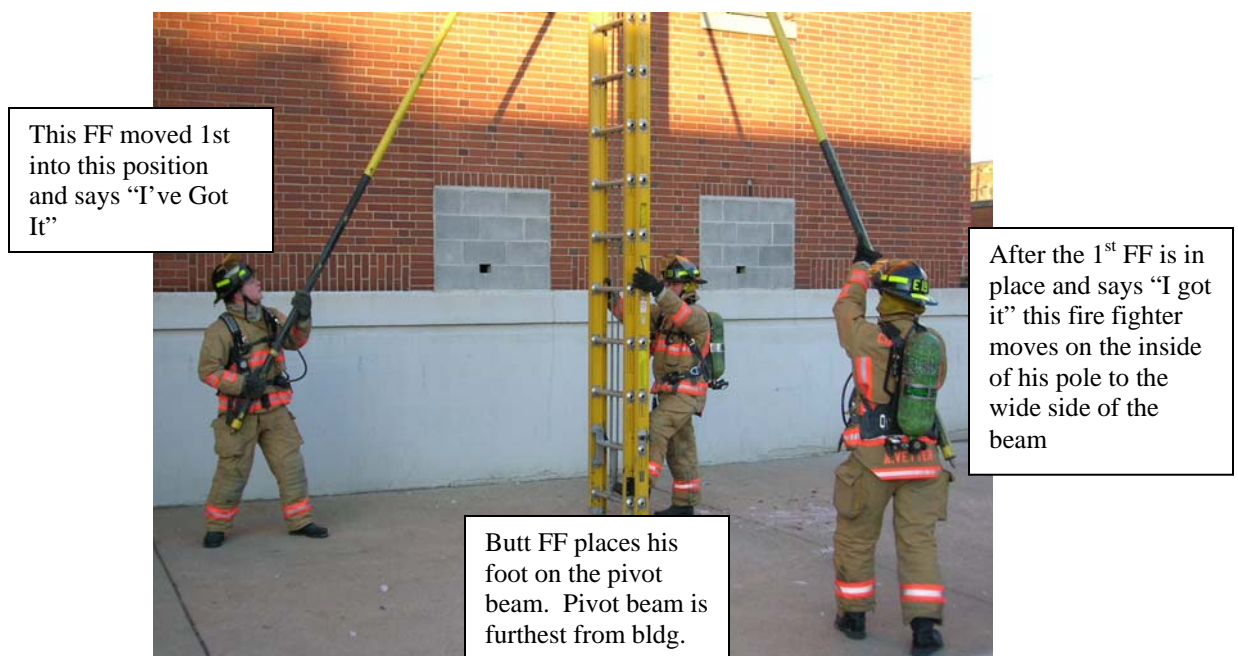
5. Prior to either pole person moving it is imperative that the opposite pole person has control of the ladder. When the pole person in question is confident that he has control of the ladder he will state, **”I’ve got it”**. The pole person nearest the building moves first. He moves to the outside of his pole by ducking under the pole, rather than walking around it, and moves to a position in line with the narrow side of the beam.




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 in-line with narrow side of the beam.
MAINTAIN EYE CONTACT WITH TOP OF LADDER

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6. The second pole person remains on the inside of his pole and moves to a position opposite the wide side of his beam. As the second pole person moves, the rear butt person places his foot on the bottom rung near the pivot beam. (The pivot beam will always be the beam farthest from the building.)



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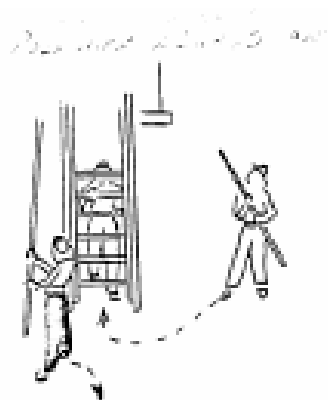
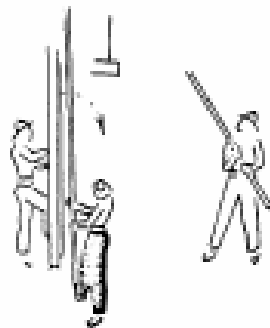
7. The ladder can now be pivoted so that the fly ladder is on the side opposite the building. The pole person on the wide side of his beam will pull on his pole so that the opposite beam will raise one to two inches from the ground.
8. The butt person will assist in pivoting by pushing forward on the raised beam while maintaining downward pressure on the opposite beam. When the ladder has been pivoted to the proper position, the firefighters on the poles will allow both beams to rest on the ground.




Butt FF places his foot on the pivot beam. Pivot beam is furthest from bldg. Be prepared to apply downward pressure on the ladder if it begins to fall



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



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9. After the pivot, the pole person closest to the building will hand his pole to the other pole person and proceed to the front butt. He will grasp the wide side of both beams of the base ladder. The pole person can guard the top of the ladder by holding both poles under his arms.



FF passes his pole to the pole person that pivoted the ladder after he states "I've Got It" and takes a position on the front butt of the ladder so it can be extended

10. The ladder can now be extended. The pole person will give the command to "extend the ladder", to which the rear butt person will call out "hands and feet". The front butt person will ensure that his hands and feet are safe from the movement of the fly ladder and the rear butt person will then extend the fly ladder using the halyard (extend with a hand over hand pull on the rope). When the fly ladder has reached its proper height the pole person will call out, "lock it" which will prompt the fire fighter with the halyard to set the pawls or dogs on the next rung.




POLE PERSON: "Extend the ladder"

REAR BUTT: "Hands and Feet"

POLE PERSON: "Lock It"



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11. To lower the ladder into the building or “boom-in” the rear butt person moves to his right and takes a pole from the fire fighter holding both poles. The front butt person steps onto the first rung of the ladder with both feet and places both hands on a convenient rung. The two pole men can carefully lower the ladder into the building. After booming-in the butt person can make adjustments to the ladder position guided by the pole men.



Front Butt Man:

Stands on the first rung and grasps the rungs as the ladder is boomed into final position.

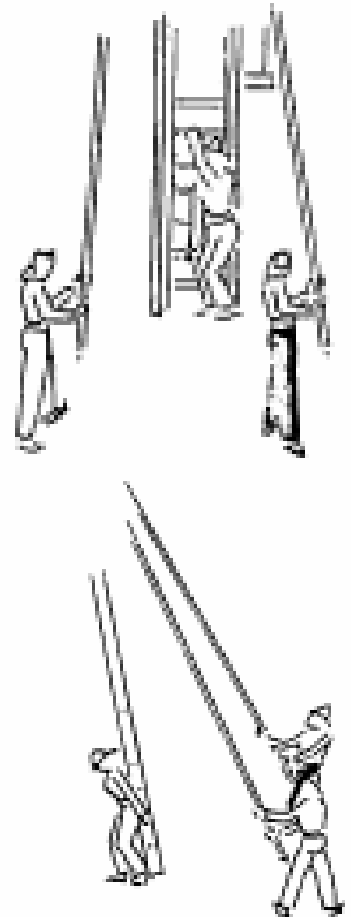



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12. Make final adjustments of the ladder by pulling on the poles or moving the base of the ladder in one of the methods depicted in the drawings below.



Pole persons can pull on the poles to position the tip of the ladder into its proper location



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13. If necessary, poles can be "PLACED" 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. If the ladder is raised on concrete, asphalt or other similar surfaces, the poles are returned to the 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.
14. 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.
 - a. Usually, lowering ladders is an evolution that is done after an emergency has been resolved. It is recommended that four persons be used to lower a ladder whenever possible and extra personnel are used as spotters. (See four persons raise) If three fire fighters are used, as the fire fighter on the rungs nears the end of the ladder the pole persons call out the number of rungs remaining, beginning with "**FOUR, THREE, TWO, ONE.**" On "**ONE**", the fire fighter lowering the ladder will be on the final rung and can lower the ladder to waist level and then to the ground.