	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #4 Ladder Company Operations
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TOPIC #10 35 FOOT LADDER - 4 FF – PERPENDICULAR 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 #2 ladder in the proper manner. The ladder is located perpendicular to the wall, the proper distance away.



2. Two fire fighters will position themselves at the butt of the ladder and remove the poles from their keepers. These two fighters will stand, side by side, at the heel or butt of the ladder, with both hands on their poles. Each fire fighter will place the ball of their inside foot on the bottom rung. The third and fourth fire fighters will take a position at the fourth rung from the top of the ladder, facing the top of the ladder.




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3. The fire fighters at the top of the ladder will reach down with their inside hand, grasp the fourth rung, lift, and pivot, while raising the ladder overhead by the beam. They will then raise the ladder, assisted by the fire fighters on the poles, by grasping their respective beams and walking the ladder up. Care should be taken that the fly ladder (#2) does not slide too far as the raise is being performed.

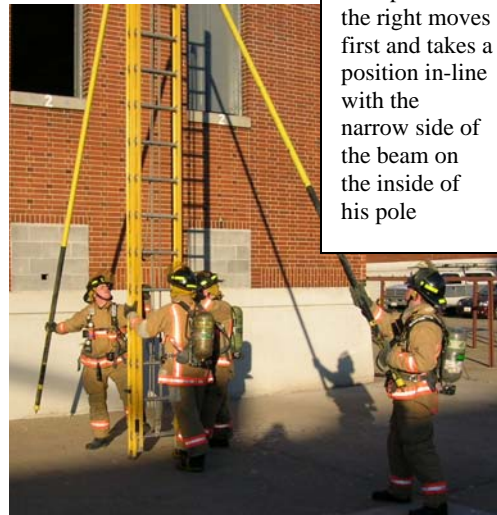


4. As the ladder nears the vertical position the fire fighters on the poles should maintain visual contact with the top of the ladder, as they extend their poles back, using their rear hand and grasp a convenient rung with the other hand. This movement is done so that the spurs on the poles will not contact the ground. In this position the fire fighters on the poles can maintain control of the top of the ladder. The fire fighters who lifted the ladder will position themselves at the front butt and place both hands on the ladder. The outside hand on the beam and the inside hand on a convenient rung.



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5. The pole person at the right moves first. He moves to the front of the ladder, while on the outside of his pole and takes a position in line with the narrow side of the beam. The person on the left front butt moves to the wide side of his beam, as the person on the right now moves to become the front butt person. The front butt person will grasp the beams of the number one ladder with both hands and keep both feet on the ground.



Pole person to the right moves first and takes a position in-line with the narrow side of the beam on the inside of his pole


6. The second pole person now moves to the front of the ladder staying on the outside of his pole and takes a position in line with the narrow side of the beam. The fire fighters on the poles will guard the top of the ladder. The person on the wide side of the beam moves to the rear butt and grasps the beams of the number one ladder with both hands, either above, or below, the front butt person's hands. No pivot is necessary.



RIGHT POLE PERSON: "Extend the ladder"

REAR BUTT: "Hands and Feet"


POLE PERSON: "Lock It"

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7. The ladder can now be extended. 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 closest rung.
8. To lower the ladder into the building or "boom in", the front butt person steps onto the first rung of the ladder with both feet and places both hands on a convenient rung. The rear butt person 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 rear butt person to assist with booming-in.



RIGHT POLE PERSON:
"BOOM IN"

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9. 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.



10. The two fire fighters on the poles can now carefully lower the ladder into the building. After booming-in, the rear butt person can make the adjustments to the ladder's position at this time, assisted by the front butt person. The person on the front butt will determine the proper distance from the building.
11. Poles can be "PLACED" if the ladder is raised on soft ground. Poles should not be used when the ladder is raised 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.
12. To lower the ladder to the ground, reverse the steps. During this evolution, as the fire fighters lowering the ladder by the beam reach the toggles, the fire fighters on the poles will call out, "**READY**". When the fire fighters on the beam pass the toggles, the fire fighters on the poles will call out "**TAKE IT**". The fire fighters on the beams will then turn and face the beams as they lower the ladder to waist level. The fire fighters on the beams will reach in with their hand, nearest the butt of the ladder, grasp a rung, and then lower the ladder to the ground.