

PERFORMANCE BENCHMARKS

404.03C - Aerial Apparatus Diminishing Clearance

Discipline: Driver/Operator

Effective: 12/5/2010

Revised:

Replaces:

Anne Huff, Fire Chief

I. Objective

The Driver/Operator, given an aerial apparatus, shall demonstrate a diminishing clearance driving exercise.

II. Instructions – Procedures for Achieving the Objective

Given an aerial apparatus and a specified course, the Driver/Operator shall maneuver an aerial apparatus so that the Driver/Operator accurately perceives the ability of the vehicle to pass through the openings and so that no obstructions are struck.

III. Examiner's Note

This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distance from wheel to object, and to stop at a finish line. The aerial apparatus should enter the course at a minimum speed of 20 mph and must maintain that speed until the front bumper exits the 9 ft. portion of the diminishing clearance lane. This exercise is to be performed both forward and in reverse with a spotter. There is no minimum speed for performing the backing portion of this exercise. The course for this exercise is created by arranging two rows of markers to form a lane 75 ft. (22.9 m.) long. The lane varies in width from 10 ft to a diminishing clearance of 9 ft. The driver should maneuver the apparatus through this lane without touching the markers. The vehicle should be stopped at a finish line 65 ft. beyond the last marker. No portion of the vehicle (including the aerial platform or ladder tip) should protrude beyond this line. In situations where the apparatus is gaining entry to roadways or limited-height areas, the Driver/Operator must allow appropriate space ahead of the apparatus in order to avoid striking objects or to avoid extending apparatus into traffic lanes.

IV. Preparation & Equipment

- A. Fire department aerial apparatus
- B. Spotter
- C. Traffic cones

V. References

- A. IFSTA, Aerial Apparatus Driver/Operator Handbook ,2nd Edition
- B. NFPA 1002, 1.4.1, 1.4.3, 4.3.1, 4.3.6, 7.1

404.03C – Aerial Apparatus Diminishing Clearance

Discipline: D/O

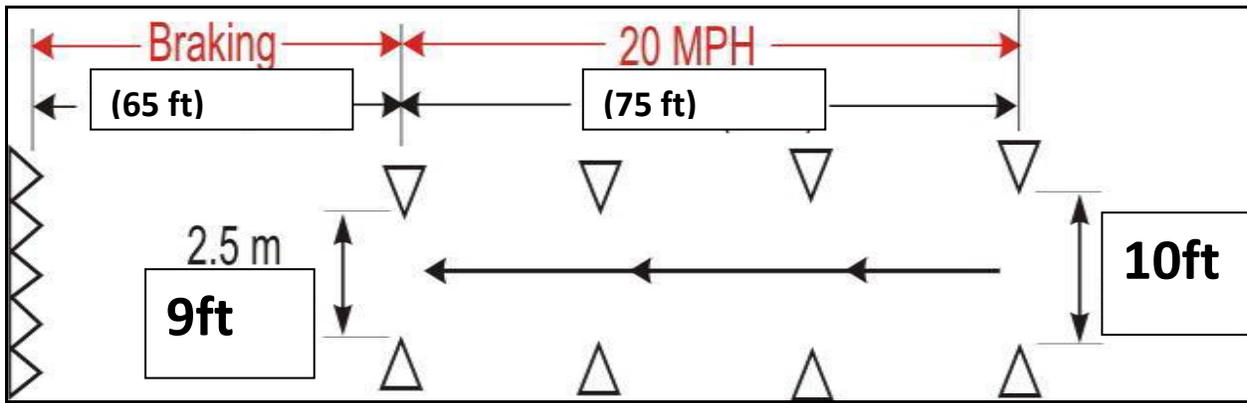
Name:		Officer#:
Evaluator:		Officer#:
Date:	Unit:	Location:

The Driver/Operator: (No partial points given)

- A. Makes a 360-degree visual inspection around the apparatus..... 3.0 _____
- B. Uses handrails to enter and exit the apparatus..... 1.0 _____
- C. Wears seatbelt..... **P/F** _____
- D. Ensures no firefighters were in a standing position anywhere on the apparatus..... **P/F** _____
- E. Checks mirror positions before moving..... 2.0 _____

The Driver/Operator: (No partial points given)

- A. Drives vehicle through required course while maintaining minimum speed (20 mph)..... 5.0 _____
- B. Does not strike an obstruction..... **P/ F** _____
- C. Correctly uses mirrors..... 2.0 _____
- D. Correctly judges vehicle clearance..... 2.0 _____
- E. Stops apparatus within the designated braking distance..... **P/F** _____
- F. Performs entire operation safely..... **P/F** _____



Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
14	11	First			
		Second			
		Third			