NFPA 1010: 2024 Edition, Chapter 13 Driver/Operator of an Aerial Fire Apparatus

Below please find what has been previously approved by the Committee on Accreditation (COA) for this level of certification. This example does not take into consideration “Document Review”, “Portfolio”, or “Other testing methods.”

If your agency selects completing their online Assessment Methodology Matrix (AMM) utilizing these test methods, our Technical Analysts may place your application under a COA meeting consent agenda bypassing the usual COA review.

The spaces identified below with an “X” must be replaced with the appropriate cognitive test item numbers (e.g. Questions 1,4,6,7,9, etc.) or the score sheet numbers under Product, Psychomotor/Process methods as score sheet numbers (e.g.- SS 101, 202, and 304, etc.).

	Knowledge-Based Assessments (graded after submission)		**Performance-Based Assessments** (graded in real-time as they are performed)	
Section	**Cognitive** (e.g. Multiple Choice, Short Answer, Discretionary Time with Resources)	**Product** (e.g., document or develop a budget, proposal, lesson plan)	**Psychomotor** (Primarily an observable physical task. e.g., don, doff)	**Process** (Primarily a mental or verbalized task. e.g., inspect)
13.2.1 Perform the visual and operation checks on the systems and components specified in the following list in addition to those specified in 11.2.1, given an aerial apparatus, and policies and procedures of the jurisdiction, so that the operational readiness of the aerial apparatus is verified: (1) Cable systems (if applicable) (2) Aerial device hydraulic systems (3) Slides and rollers (4) Stabilizing systems (5) Aerial device safety systems (6) Breathing air systems (7) Communication systems				
13.2.1			**X**	

(A) Requisite Knowledge. Manufacturer's specifications and requirements, and policies and procedures of the jurisdiction.			
13.2.1 (A)	X		
(B) Requisite Skills. The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.			
13.2.1 (B)			X
13.3.1 Maneuver and position an aerial apparatus, given an aerial apparatus, an incident location, a situation description, and an assignment, so that the apparatus is positioned for correct aerial device deployment.			
13.3.1			X
(A) Requisite Knowledge. Capabilities and limitations of aerial devices related to reach, tip load, angle of inclination, and angle from chassis axis; effects of topography, ground, and weather conditions on deployment; and use of the aerial device.			
13.3.1 (A)	X		
(B) Requisite Skills. The ability to determine a correct position for the apparatus, maneuver apparatus into that position, and avoid obstacles to operations.			
13.3.1 (B)			X
13.3.2 Stabilize an aerial apparatus, given a positioned vehicle and the manufacturer’s recommendations, so that power can be transferred to the aerial device hydraulic system and the device can be deployed.			
13.3.2			X
(A) Requisite Knowledge. Aerial apparatus hydraulic systems, manufacturer’s specifications for stabilization, stabilization requirements, and effects of topography and ground conditions on stabilization.			
13.3.2 (A)	X		

(B) Requisite Skills. The ability to transfer power from the vehicle’s engine to the hydraulic system and operate vehicle stabilization devices.			
13.3.2 (B)			**X**
13.3.3 Maneuver and position the aerial device from each control station, given an incident location, a situation description, and an assignment, so that the aerial device is positioned to accomplish the assignment.			
13.3.3			**X**
(A) Requisite Knowledge. Aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communications systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, stabilizing systems, aerial device safety systems, system overrides and the hazards of using overrides, safe operational limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions.			
13.3.3 (A)	**X**		
(B) Requisite Skills. The ability to raise, rotate, extend, and position to a specified location, as well as lock, unlock, retract, lower, and bed the aerial device.			
13.3.3 (B)			**X**
13.3.4 Lower an aerial device using the emergency operating system, given an aerial device, so that the aerial device is lowered to its bedded position.			
13.3.4			**X**
(A) Requisite Knowledge. Aerial device hydraulic systems, hydraulic pressure relief systems, gauges and controls, cable systems, communications systems, electrical systems, emergency operating systems, locking systems, manual rotation and lowering systems, stabilizing systems, aerial device safety systems, system overrides and the hazards of using overrides, safe operational limitations of the given aerial device, safety procedures specific to the device, and operations near electrical hazards and overhead obstructions.			
13.3.4 (A)	**X**		

(B) Requisite Skills. The ability to rotate and position to center, unlock, retract, lower, and bed the aerial device using the emergency operating system.			
13.3.4 (B)			X
13.3.5 Deploy and operate an elevated master stream, given an aerial device, a master stream device, and a desired flow, so that the stream is effective.			
13.3.5			X
(A) Requisite Knowledge. Nozzle reaction, range of operation, and weight limitations.			
13.3.5 (A)	X		
(B) Requisite Skills. The ability to connect a water supply to a master stream device and control an elevated nozzle.			
13.3.5 (B)			X