

# Skill 19-4

## Evaluation Checklist

**Objective 13:** Raise and lower an articulating aerial platform. [*NFPA® 1002, 6.2.3*]

**Student Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

### Directions

For this skills evaluation checklist, students will raise and lower an articulating aerial platform. This skill requires two firefighters: one to operate the apparatus and one to assist as a spotter. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures.

### Resources

- Appropriate PPE
- Articulating aerial platform
- Manufacturer's operator's manual
- Instructor-approved objective (target)

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### Criteria & Evaluation Comments

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Criteria (determined by the AHJ)

*After the candidate has completed the skill sheet, write comments below.*

Evaluator/Candidate Comments

Pass

Fail

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Evaluator Signature

Date

Student Signature

Date

### Skills Evaluation Checklist

**Objective 13:** Raise and lower an articulating aerial platform. *[NFPA® 1002, 6.2.3]*

Task Steps		Yes	No
<b>Raising the Articulating Aerial Platform</b>			
1.	Stabilize the apparatus. <b>WARNING:</b> Failure to properly stabilize the apparatus could result in tipping the apparatus.		
2.	Unlock the aerial device from its cradle if so equipped.		
3.	Check the intended path of the aerial device for obstructions.		
	<b>Note:</b> If raising an aerial platform, steps 4 through 20 should be performed by the student first at the primary control position (lower) and then in the secondary control position(s) (platform, pump panel) so that the candidate raises and lowers the aerial device from each position.		
4.	Energize the platform controls from the primary position to enable the platform controls.		
5.	Elevate the device out of the cradle.		
6.	Check the load chart to determine load capacity.		
7.	Allow personnel to board the aerial platform. <b>WARNING:</b> Fall Hazard! When the device is in motion, use fall protection on ladders and in the platform. Failure to comply may injure or kill.		
8.	Elevate the aerial device.		
9.	Rotate the aerial device.		
10.	Extend the aerial device.		
11.	Lower the aerial device to the objective, positioning device above the surface of the objective to a height indicated by the department's SOPs. a. Compare the device angle to the load chart to determine the load capacity.		
<b>Stowing the Articulating Aerial Platform</b>			
12.	Remove all personnel from the aerial ladder (if so equipped) before		

	attempting any part of the lowering process.		
13.	Ensure the waterway system is drained.		
14.	Elevate the platform away from its objective.		
15.	If required, lower the platform and allow personnel to exit platform. <b>Note:</b> Lower the platform sufficiently to allow personnel to exit the platform without the platform actually making contact with the ground.		
16.	Elevate and retract the aerial device.		
17.	Rotate the aerial device until it is positioned directly above its travel cradle.		
18.	Lower the aerial device to the cradle.		
19.	Ensure that the device is firmly seated and that the hold-down locks have engaged if so equipped or power the aerial into the cradle per manufacturer's recommendations.		
20.	Activate the hold-down locks if they did not automatically activate when the device was bedded if so equipped.		