

# Skill 18-1

## Evaluation Checklist

**Objective 8:** Deploy, lock, unlock, and raise hydraulic stabilizers. [*NFPA® 1002, 6.2.2*]

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

### Directions

For this skills evaluation checklist, students will deploy, lock, unlock, and raise the hydraulic stabilizers of an aerial apparatus. This skill requires two firefighters: one to operate the stabilizers, and one to serve as a spotter. Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all procedures.

**Note:** This skill should be repeated to evaluate the student's ability to perform this skill on even terrain, laterally uneven (side to side) terrain, and longitudinally uneven (front to back) terrain.

### Resources

- Appropriate PPE
- Fire service aerial apparatus (untillered)
- Manufacturer's operator's manual
- Stabilizer pads
- Wheel chocks
- Pike pole or other means of measuring the full travel path of stabilizers

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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

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Student Signature

Date

## Skills Evaluation Checklist

**Objective 8:** Deploy, lock, unlock, and raise hydraulic stabilizers. *[NFPA® 1002, 6.2.2]*

**Note:** Check the deployment area for overhead obstructions, other vehicles, utility poles, hoselines, etc. Confirm that the setup area will support the apparatus.

Task Steps		Yes	No
<b>Deploy the Stabilizers</b>			
1.	Set the parking brake.		
2.	Set the front axle lock (if so equipped).		
3.	Engage the PTO system per manufacturer's instructions.		
4.	Check that the PTO system is engaged.		
5.	Chock the apparatus wheels.		
6.	Check each stabilizer's expected travel path using a short pike pole or other means of measuring. <b>Note:</b> Check the deployment area for overhead obstructions, other vehicles, utility poles, hoselines, etc. Confirm that the setup area will support the apparatus. Position a firefighter in the area of deployment to keep people away from the stabilizers.		
7.	Provide hydraulic power to the stabilizing system utilizing the hydraulic system's diverter valve controls, if so equipped.		
8.	Extend the parallel extension arms. Operators must have full visual contact with the stabilizers while in operation. If the operator cannot see the stabilizers, a spotter must be used.		
9.	Place the portable stabilizer pads.		
10.	Deploy the stabilizing jacks per the manufacturer's recommendations.		
11.	Check that the apparatus is level within operable limitations.		
<b>Lock the Stabilizers and Transfer Power to the Aerial Device</b>			
12.	Install the retaining pins (if so equipped).		
13.	Transfer power from the stabilizers to the aerial device.		

	<b>Stow the Hydraulic Stabilizers</b>		
14.	Transfer power from the aerial device to the stabilizers.		
15.	Adjust the wheel chocks to avoid them being pinched when the stabilizers are raised.		
16.	Remove the retaining pins (if so equipped).		
17.	Stow the stabilizers per manufacturer's recommendations.		
18.	Collect and stow the stabilizer pads.		
19.	Disengage the PTO system per manufacturer's recommendations.		
20.	Release the front axle lock (if so equipped).		