

# Skill 18-2

## Evaluation Checklist

**Objective 9:** Stabilize a tractor-trailer aerial apparatus. [NFPA® 1002, 6.2.2]

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

### Directions

For this skills evaluation checklist, students will stabilize a tractor-trailer 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.

### Resources

- Appropriate PPE
- Tractor-trailer aerial apparatus
- Manufacturer's operator's manual
- Stabilizer pads
- Wheel chocks
- Pike pole or other means of measuring the full travel path of stabilizers

### Criteria & Evaluation Comments

Criteria (determined by the AHJ)

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

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

## Skills Evaluation Checklist

**Objective 9:** Stabilize a tractor-trailer aerial apparatus. *[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.	Position the apparatus as recommended by the manufacturer.		
2.	Set all brakes, including 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 according to manufacturer's recommendations and local SOPs.		
6.	Check the 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 systems 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>			

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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.		

