



GOLDER RANCH FIRE DISTRICT

Aerial Practical Check Sheets

Positioning and Stabilizing Aerial Apparatus

Standards:

NFPA 1010 Section 1002: 6.2.1 (B), 6.2.2 (B)

Task/Performance Outcome:

The candidate will be given the objective to stabilize an aerial apparatus for deployment of the aerial device. The candidate will be required to properly position the aerial apparatus in a safe area for the use of the aerial. The aerial apparatus must be operated and stabilized safely, effectively and efficiently following all district policies and procedures along with manufacture specifications and restrictions.

Required Personal Protective Equipment (PPE):

Class C uniform, helmet and utility gloves

Required Equipment:

- Aerial Apparatus

Critical Fail Criteria:

Failure consists of the following:

- Failure to complete any of the given tasks
- Failure to place wheel chocks appropriately prior to operating the aerial device
- Failure to properly stabilize the apparatus
- Failure to follow district and manufacture specifications and restrictions
- Failure to wear the required PPE
- Failure to keep accountability on the fire ground
- Failure to exit the apparatus safely and with three points of contact
- Glaring, gross errors, as documented by the evaluator
- An apparent lack of efficiency and comfort with the activity, as documented by the evaluator
- Less than 80% of available points scored

Evolution Details:

The candidate will be instructed to maneuver and stage the aerial apparatus in an appropriate position at a given occupancy. The candidate must appropriately stabilize the aerial apparatus for the maneuvers that will be required of the aerial device. The candidate must take into account the grade of the area the aerial apparatus is to be stabilized on, the surface type and any obstacles found. Once staged and the area surrounding the apparatus is surveyed the candidate will place wheel chocks at the front tires and position the ground pads appropriately for the stabilizers. The candidate will then deploy the stabilizers. Depending on the type and number of stabilizers the apparatus is equipped with, multiple stabilizers may need to be deployed. Generally, if the stabilizers require a two-step process, all of the stabilizers need to be fully deployed then the stabilizer jacks can be deployed down. If on an uneven grade, the candidate shall deploy the high side stabilizers first, then make contact with the ground with the jacks before deploying the low side stabilizers. Once the stabilizers are deployed the apparatus must be stabilized and leveled fully according to district and manufacturing specifications. Level the apparatus from side to side and from front to back. This may be a multiple-step process depending on the apparatus specifications and the type of surface the apparatus is being stabilized on. Prior to moving to the turntable to operate the aerial, the candidate must perform any necessary steps to secure the stabilizers with pins (if applicable), secure stabilizer controls, and redirect power to the aerial controls (if applicable).



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Candidate Name:	Date:	
Actions	Points Available	Points Earned
Addresses and maintains accountability.	CFC	
Select an appropriate place to stage the aerial apparatus.	1	
Position the apparatus for the best possible utilization of the aerial device, maximizing safety, stabilization and scrub area.	1	
Parking brake engaged.	1	
Activate the electrical and hydraulic systems used by the aerial.	1	
Exit the cab, and make a 360-degree walk-around of the apparatus, observing for overhead hazards, such as electrical wires or obstructions; surface obstacles, such as parked vehicles, light poles, or signs; and subsurface hazards, such as sewers, manholes, vaults, and parking structure s. Relocate the aerial apparatus if obstructions or hazards are encountered and cannot be compensated for.	1	
Set the wheel chocks and stabilizer ground pads per the manufacturer's instructions or manual and department policy/procedure.	CFC	
Deploy the stabilizers. Depending on the manufacturer and the particular apparatus, there may be two, four, or more stabilizers to deploy, and some may require a two-step process, such as out and then down. In general, extend all stabilizers outward, make contact with the ground, and then lower the stabilizers in the order specified by the manufacturer.	1	
(UNEVEN GRADE) Lower the high-side (up-slope) stabilizers until they contact the pad(s). Only make contact with these stabilizers. Do not raise the apparatus at this time.	1	
(UNEVEN GRADE) Lower the low-side (down-slope) stabilizers until they make full contact with the pad(s); then continue raising the apparatus until it is leveled to less than 3.5 degrees.	1	
(UNEVEN GRADE) If the apparatus is leveled to 3.5 degrees, but the tires or other chassis components are not yet in compliance with the operator's manual requirements (such as taking the bulge out of the tires or raising the tires off the ground), use both side stabilizers to achieve compliance. If the apparatus is equipped with automatic or self-stabilizing features, consult the operator's manual for instructions on how to compensate or adjust the controls.	1	
Level the apparatus from side to side and from front to back. Depending on the manufacturer and the particular apparatus, this may be a multiple-step process or may be performed by the use of a single switch.	1	
Before moving to the turntable to operate the aerial, perform any necessary steps to secure the stabilizer controls and to redirect power from the stabilizer controls to the aerial controls (if applicable).	1	
Total Points (9/11)	11	

Evaluator: _____ Total: _____/11

Circle one:

Pass/Fail on points/Fail on critical criteria

Comments _____
