

## UFRA Aerial Apparatus Skills

### **ELEVATED FIRE ATTACK WITH FOG NOZZLE OR SMOOTH BORE (Most common application of the Aerial)**

One 1,000gpm fog nozzle pre-connected to aerial (or)

One 1 ½", 1 5/8", 1 3/4", 1 7/8", or 2" Smooth bore nozzles

Scenario is complete when water is flowing through aerial device

#### Aerial Apparatus Set-up Section

Connect to water supply (engine or hydrant) Position, place transmission in neutral

Set chassis brake; Set front wheel lock (if equipped)

Activate Aerial PTO

Activate generator/hydraulic PTO (if equipped)

Place wheel chocks securely to the front wheels appropriate to grade

Set fluid transfer switch to stabilizers

Check for clearance of the intended path of the stabilizers – Assess ground stability

Properly place the jack plates

Extends the appropriate side stabilizers first.

Lowers the stabilizer jacks until contact is made with jack plates

Level the truck side to side, set jacks taking the bulge from the tires

Level the truck front to back using longitude level as a guide (if equipped)

Check for level operation

Check for proper position of stabilizers using the indicating lights on the control panel.

Place the safety pins in the appropriate position (if equipped)

Set the fluid transfer switch to aerial operation

Check for overhead obstruction clearance – verbalize “Overhead Clear”

Raise the aerial device to desired position for elevated fire attack (75-80-80) (75-80-100)

Uses the Anti-electrocution platform (AEP) if operating from the panel (if equipped)

#### Pump Set-Up / Application Section

Engage the pump or connect to the supply pumper

Place transmission in drive or connect with supply pump operator

Pull the tank to pump lever located on the panel or communicate with supply pump operator for water flow

Make connection of supply hose to the correct intake

Smooth transition from tank water to supply or engine supply to aerial

Charge the waterway and set to the appropriate pressure (100psi fog) + (25psi AL) + (EL)

Charge the waterway and set to the appropriate pressure (80psi SS) + (25psi AL) + (EL)

Set the discharge relief valve to correct operating pressure of 20psi above highest operating PDP (if equipped)

#### Demobilization Section

Waterway valve closed, waterway drain open

Pump disengaged (if equipped) or communication with supply pumper to discontinue supply

Aerial device bedded in cradle appropriately (flush aerial lever to seat the aerial device)

Breakdown stabilizers appropriately in reverse order

*Verbalize correct emergency lowering procedure*

#### Miscellaneous Section

Verbalize correct placement of PINNABLE waterway (if equipped)

Comments:

*Variations can be added so that the scenario will meet the in-house testing requirements for skills 2, 7A, 7B, 7C, & 8. Consider adding the driving skills 3, 4, 5, & 6 on the front end of the scenario. Performance of skills 1A & 1B can be done at another station while waiting a turn at the scenario.*

