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DISTRIBUTION

AERIAL APPARATUS
DRIVER/OPERATOR

ATS ONLINE

Delivery Formats:

- Interactive Online Courses
- Online Streaming video
- DVD

Newly Updated!

This 5-part training program, Aerial Apparatus: Driver/Operator series has been completely revised with all new visuals and updated information that reflects current standards and modern aerial apparatus features. Content presents the knowledge prerequisites of the current NFPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications. Course development also utilized IFSTA's recent edition of *Pumping and Aerial Apparatus Driver/Operator Handbook*, published in 2015.



Professional firefighters demonstrate the skills and techniques used to deploy and operate aerial apparatus at various emergency incidents. Demonstrations include stabilization, positioning and tactics used on scene. Also presented are the inspection and maintenance requirements for an aerial apparatus as well as safe driving techniques.

IFSTA's *Pumping and Aerial Apparatus Driver/Operator Handbook, 3rd Edition* makes an excellent teaching companion to this new series.



1. AERIAL APPARATUS INSPECTION & MAINTENANCE *Video Run Time 26:25*

Presents a systematic aerial apparatus inspection procedure that can be followed by both career and volunteer driver/operators. Shows how to perform routine maintenance tasks on the apparatus. Demonstrates procedures for inspection and preventive maintenance of the aerial device.

Training Objectives:

- To present the importance of keeping thorough, up-to-date maintenance & inspection records for aerial apparatus
- To demonstrate a typical operational readiness inspection of the apparatus
- To demonstrate a routine engine compartment & vehicle cab inspection
- To demonstrate procedures for a visual inspection of the aerial device
- To demonstrate an operational check of the aerial device.

2. AERIAL APPARATUS DRIVING TECHNIQUES *Video Run Time 26:44*

Presents an overview of Driver/Operator responsibilities including safe driving techniques and considerations for aerial apparatus operations. Demonstrates skills and driving considerations for tractor-drawn apparatus (TDA) operations and tillering.

Training Objectives:

- To present an overview of Driver/Operator responsibilities
- To demonstrate safe driving techniques for aerial Driver/Operators
- To present braking & evasive maneuvers
- To demonstrate tractor-drawn aerial apparatus driving & tillering skills

3. STABILIZING AERIAL APPARATUS *Video Run Time 22:18*

Presents the general function of the hydraulic system in aerial stabilization, including engaging the PTO system. Demonstrates how to set stabilizers on even and uneven terrain, and how to achieve maximum stability for a tractor-drawn aerial apparatus.

Training Objectives:

- To describe the general function of hydraulic systems, including engaging the PTO
- To present how to set the stabilizers on even terrain
- To present how to set the stabilizers on uneven terrain
- To show how to achieve maximum stability for tractor-drawn aerial apparatus

4. POSITIONING AERIAL APPARATUS *Video Run Time 19:14*

Presents standard operating procedures for placing aerial devices at an emergency scene, including four tactical uses. Demonstrates spotting, including angle and placement considerations for various objectives.

Training Objectives:

- To discuss standard operating procedures for the placement of aerial devices
- To present tactical uses of aerial devices
- To demonstrate spotting considerations for aerial apparatus placement
- To demonstrate angle & location placement considerations for aerial apparatus

5. OPERATING TELESCOPING & ARTICULATING AERIAL EQUIPMENT *Video Run Time 24:31*

Reviews pre-deployment safety considerations. Presents aerial operations and demonstrates how to raise and lower telescoping ladders & platforms as well as articulating devices. Presents operational safety considerations for operating aerial equipment.

Training Objectives:

- To review pre-deployment safety tips
- To present aerial apparatus controls
- To demonstrate raising & lowering procedures for telescoping aerial apparatus
- To demonstrate operations for telescoping aerial ladders & platforms
- To demonstrate operations for articulating aerial apparatus
- To present operational safety considerations

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Innovative Training Systems for Emergency Responders

NFPA Standards Matrix

AERIAL APPARATUS DRIVER/OPERATOR

NFPA 1002: *Standard for Fire Apparatus Driver/Operator Professional Qualifications, 2014*

VOL#	Aerial Apparatus Title	NFPA 1002
001	**Aerial Apparatus Inspection & Maintenance**	4.2.1; 4.2.2; 4.3.7; 6.1.1; 6.2.3 Also: NFPA 1911: *Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus* (2012). 4.5; 4.5.3; 4.5.4; 4.5.4.1; 4.5.4.2; 4.7.1;
002	**Aerial Apparatus Driving Techniques**	4.2.1; 4.2.2; 4.3.1; 4.3.6; 4.3.7; 6.2.1; 7.2.1; 7.2.2
003	**Stabilizing Aerial Apparatus**	6.2.2; 7.2.3
004	**Positioning Aerial Apparatus**	6.2.2; 6.2.3; 6.2.4; 7.2.3
005	**Operating, Telescoping & Articulating Aerial Equipment**	6.2.1; 6.2.3; 6.2.4; 7.2.3

The NFPA sections cited are only a guide
Additional NFPA sections may apply
See compatible textbooks for an NFPA Correlation Guide