

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 1 of 10



Patrick T Grace, Fire Chief

PURPOSE:

To establish a standardized guideline related to training and qualifications required by Escambia County Fire Rescue for personnel to become apparatus driver/operators.

OBJECTIVE:

To provide for safe and proper operations of fire department vehicles and apparatus while in motion and on-scene or being utilized in a non-emergency situation.

SCOPE:

All personnel driving or operating ECFR vehicles and/or apparatus

REQUIREMENTS:

- Valid drivers license
- A driver trainee must have an acceptable drivers history report reviewed prior to beginning a drivers training program and approved by the Battalion Chief or District Chief
- Minimum of 21 years of age
- Successful completion of EVOC
- Prior approval by a Battalion Chief or District Chief
- Driver Trainees must familiarize themselves with ECFR 3300 series SOG's, Florida Administrative Code 69A-62.021 and NFPA 1500 chapter 6.2 prior to beginning a drivers training program
- Candidate must have 1 year prior fire experience

*** NOTE:**

Evaluators / trainers will be approved by the Battalion Chief or District Chief

PROCEDURE

1. A candidate must meet the requirements to be eligible to begin the drivers training program, all documentation must be on file prior to the candidate starting training
2. Certain conditions in the drivers history report i.e. excessive points, suspensions, high risk, etc. may exclude the candidate from drivers training
3. Drivers training logs and checklists are included in the SOG
4. A drivers training record shall be kept for each vehicle or apparatus that the candidate is attempting to qualify on. This information should be logged into firehouse training.
5. Drivers training requirements may be extended or reduced dependant on previous documented driving experience and the driver's ability to safely and effectively operate the apparatus.

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 2 of 10



Patrick T Grace, Fire Chief

Utility or Staff Vehicle

Driving and Familiarization

- 30 minutes on vehicle maintenance
- 30 minutes on instruments / controls
- Placing unit in / out of four wheel drive (where applicable)
- 1 hour of daytime driving
- 1 hour of nighttime driving
- Radio / emergency warning devices / other equipment specific to vehicle
- Proper backing procedures
- Towing procedures

Maintenance

- Fluid checking points
- Drivers log location (where applicable)
- Fueling procedure
- Repair notification and procedures

Instruments

- Controls for normal operation (wipers, headlights, interior lights, etc.)
- Trailer tow brake control (where applicable)

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 3 of 10



Patrick T Grace, Fire Chief

Engine

Required Hours

- 1 hour of maintenance instruction
- 1 hour of instrument instruction
- 30 minutes of PTO generator operations
- 4 hours of pump operations (in addition to 24 hour pump operators class)
- 8 hours of roadway driving

Maintenance

- Pre-operational check list
- Location of equipment
- Maintenance logs
- Repair notifications and procedures
- Placing apparatus out-of-service
- Fluid checking points (oil, transmission, antifreeze/coolant, primer oil, etc.)

Instruments

- Controls for normal operation (wipers, headlights, cab lights, etc)
- Controls for emergency warning devices and scene lighting
- Pump panel gauges, valves, knobs, lighting, etc.)
- Cab tilting and locking procedures (securing equipment in cab)

Generator

- PTO generator operation (where applicable)
- Compartment mounted generator operation
- Fuse/breaker panel
- Switch locations/functions

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 4 of 10



Patrick T Grace, Fire Chief

Pump Operations

Pump operation training should include an instruction, review and practical demonstration of the following skills:

- Engaging pump gear and utilizing pump panel throttle control, pump operations utilizing tank water, hydrant operations, boosting pressure at hydrant/four-way valve, drafting operations, utilizing/operating side intake valves, flowing water through hose, nozzles, and master stream devices, deck gun adjustment and operation, and relief valve adjustment and operation
- 2-30 minute hydrant sessions
- 2-30 minute relay pumping sessions
- 1 hour drafting session
- 2-30 minute sessions on flowing water through hose, nozzles, master stream, using the relief valve
- Foam operations

Road-way Training

Includes main road-ways, limited access highways (where applicable), residential streets, backing, turning and braking. Any other road-ways or areas that may be specific to the first due area such as dirt roads in the North-end of the county.

- 4 hours of day time driving to include but not limited to:
 - Pulling out and backing into truck bay
 - Backing of apparatus
 - Main response routes, side streets and area familiarization
- 4 hours of night time driving to include but not limited to:
 - Pulling out and backing into truck bay
 - Backing apparatus
 - Main response routes, side streets, and area familiarization

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 5 of 10



Patrick T Grace, Fire Chief

Ladder

Required Hours

- 2 hours of maintenance instruction
- 1 hour of instrument instruction
- 30 minutes of PTO generator operations
- 2 hours of pump familiarization
- 8 hours of aerial operations
- 8 hours of roadway driving

Maintenance

- Pre-operational check list
- Location of equipment
- Maintenance logs
- Repair notifications and procedures
- Placing apparatus out-of-service
- Fluid checking points (oil, transmission, antifreeze/coolant, primer oil, etc.)

Instruments

- Controls for normal operation (wipers, headlights, cab lights, etc)
- Controls for emergency warning devices and scene lighting
- Pump panel gauges, valves, knobs, lighting, etc.)
- Cab tilting and locking procedures (securing equipment in cab)
- Aerial controls

Generator

- PTO generator operation (where applicable)
- Compartment mounted generator operation
- Fuse/breaker panel



Patrick T Grace, Fire Chief

- Switch locations/functions
- Aerial, cab and body mounted lights

Aerial Operations

Aerial operations training should include an instruction, review and practical demonstration of the following skills:

- 2 hours of apparatus familiarization and operation
- 5 hours of placement, set-up and operations (2.5 hours night training)
- 1 hour of ladder pipe operations (30 minutes night training)
- Aerial device tip load
- Aerial tip anchor point (where applicable)
- Familiarization with aerial override controls
- Spotting / apparatus placement
 - Collapse zone
 - Jack clearance
 - Overhead hazards
 - Rescue
 - Access to roof
 - Ladder pipe
- Engaging aerial PTO
- Setting the jack plates and outriggers
- Engaging the aerial power
- Aerial controls
 - Raising and maneuvering the aerial (raise/lower, extend/retract, rotate)
 - Operating at normal and high idle
- Pin-able waterway
 - Set-up for rescue versus master stream
 - Changing waterway position
- Waterway operations
 - Waterway intake and drain location/operation
 - Operating the remote nozzle
- Integrated speaker/communication system at tip and pedestal/control at base
- Emergency operations of ladder hydraulics (familiarization only)
- Placing the apparatus back into a ready state after aerial operations

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 7 of 10



Patrick T Grace, Fire Chief

Road-way Training

Includes main road-ways, limited access highways (where applicable), residential streets, backing, turning and braking. Any other road-ways or areas that may be specific to the first due area such as dirt roads in the North-end of the county.

- 4 hours of day time driving to include but not limited to:
 - Pulling out and backing into truck bay
 - Backing of apparatus
 - Main response routes, side streets and area familiarization

- 4 hours of night time driving to include but not limited to:
 - Pulling out and backing into truck bay
 - Backing apparatus
 - Main response routes, side streets, and area familiarization

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 8 of 10



Patrick T Grace, Fire Chief

Rescue / Air / Haz-Mat

Required Hours

- 1 hour of maintenance instruction
- 30 minutes of instrument instruction
- 1 hour of generator, A-frame, or any other specialized equipment
- 1 hour of cascade operations (where applicable)
- 4 hours of day time driving
- 4 hours of night time driving
- Radio / emergency warning devices / other equipment specific to vehicle
- Proper backing procedures
- Towing procedures (where applicable, Haz-Mat 14)

Maintenance

- Fluid checking points
- Drivers log location (where applicable)
- Fueling procedure
- Repair notification and procedures

Instruments

- Controls for normal operation (wipers, headlights, interior lights, etc.)
- Trailer tow brake control (where applicable)
- Reverse warning indicator
- Instruments specific to vehicle or apparatus

Road-way Training

- 30 minutes in parking lot
- 8 hours on road-ways to include but not limited to limited access highways, residential streets, commercial streets, dirt roads (all where applicable)
- Properly and safely back unit into truck bay

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 9 of 10



Patrick T Grace, Fire Chief

Tanker

Required Hours

- 1 hour of maintenance instruction
- 30 minutes of instrument instruction
- 2 hours of pump familiarization
- 8 hours of tanker operations
- 8 hours of roadway driving

Maintenance

- Pre-operational check list
- Location of equipment
- Maintenance logs
- Repair notifications and procedures
- Placing apparatus out-of-service
- Fluid checking points (oil, transmission, antifreeze/coolant, primer oil, etc.)

Instruments

- Controls for normal operation (wipers, headlights, cab lights, etc)
- Controls for emergency warning devices and scene lighting
- Pump panel gauges, valves, knobs, lighting, etc.)
- Cab tilting and locking procedures (securing equipment in cab)

Generator

- PTO generator operation (where applicable)
- Compartment mounted generator operation
- Fuse/breaker panel
- Switch locations/functions

ESCAMBIA COUNTY FIRE-RESCUE

Rules, Policies, and Guidelines

Patrick T Grace, Fire Chief

1215.010

Drivers Training

Implemented: 10/18/13

Revised:

Page 10 of 10



Pump Operations

Pump operation training should include an instruction, review and practical demonstration of the following skills:

- Engaging pump gear and utilizing pump panel throttle control, pump operations utilizing tank water, hydrant operations, drafting operations, utilizing/operating side intake valves, flowing water through hose, nozzles, and master stream devices, deck gun adjustment and operation, and relief valve adjustment and operation
- 2-30 minute hydrant sessions
- 2-30 minute relay pumping sessions
- 1 hour drafting session
- 2-30 minute sessions on flowing water through hose, nozzles, master stream, using the relief valve
- Foam operations

DRIVER TRAINEE EVALUATION FORM

Name: _____ Date: _____

Instructor: _____

Type of training conducted:	Driver	Pump
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Description:	YES	NO
Completes a walk around of the apparatus and is able to identify equipment carried		
Adjusts mirrors and seating as needed prior to placing apparatus in motion		
Starts vehicle utilizing proper method		
Accelerates safely and smoothly		
Utilizes necessary turn signals		
Turns vehicle without excessive steering and keeps two hands on the steering wheel		
Keeps necessary 40ft (4 car lengths) following distance		
Brakes smoothly and far enough in advance to prevent jostling		
Stays within marked lanes and checks mirrors periodically		
Backs safely utilizing a spotter		
Follows department SOG's concerning driving		
Identifies in-cab instruments/controls (jake, re-generation, load managers, etc)		
Identifies proper procedure/process for repair requests		
Explains proper re-fueling of apparatus		

Properly engages pump and ensures green light is activated		
Exits vehicle and places wheel chocks		
Establishes water utilizing tank to pump and charges a single hoseline to correct pressure		
Establishes an incoming water supply from another apparatus or a hydrant		
Demonstrates the ability to set-up for drafting operations		
Establishes draft without loosing water to attack line		
Transfers from tank to draft and re-fills tank without affecting handlines		
Identifies 1 3/4" hoseline attack pressure and flow rates according to nozzle		
Identifies 2 1/2" hoseline attack pressure and flow rates according to nozzle		
Explains relay pumping and LDH flow rates		
Identifies monitor pressure and flow rates according to nozzle		

REMARKS:

Trainee: _____

Instructor: _____