

Town Of Leland Fire/Rescue



Fire ground Operations Manual

2022 Edition

All,

The purpose of the fire ground operations manual is to serve as a tool for you to succeed on the fire ground. While the guidance provided in this manual should work on most fires, there will come a time to call an audible. This manual should answer many questions about your own individual roles on the fire ground and your role as a company. We identified the need to address what PPE is warranted for each type of call, designated arrival assignments, individual riding assignments, upgrading emergencies, and mayday procedures. As we evolve, we will make changes to adapt to the needs of our community.

With every emergency, there are some simple but important expectations that we ask of all members:

- Be dressed before the apparatus leaves the bay.
- Wear seat belts while the vehicle is in motion.
- Identify as a two-digit unit number on the TAC channel (E-51, E-52, E-53, T-53).
- Perform a proper risk assessment on all calls.
- First arriving unit establishes command on all fire-related incidents.
- If you need additional manpower, call for it as early as possible.
- Big fire – BIG WATER!
- Do the right thing.

Please keep in mind that while we desire for engines to do engine work and trucks to do truck work, it is imperative that you are prepared for any assignment on the fire ground!

PPE

The following PPE will be donned prior to the truck leaving the bay.

Structure Fire	Full PPE w/ SCBA (Waist strap buckled)
Fire Alarm	Full PPE w/ SCBA (Waist strap buckled)
Vehicle Fire	Full PPE (1 st arriving engineer exempt)
Dumpster Fire	Full PPE w/ SCBA (Waist strap buckled)
Brush Fire	Pants, Boots, Helmet
MVC	Full PPE, vest can be worn once deemed appropriate
EMS/Good Intent	Uniform or bunker pants, no gym shorts
Tech Rescue	Helmet, gloves, jumpsuit (long pants and shirt)
Special incident/ Nature Park/ Boat	Duty wear, PFD if within 15 feet of water
Service Call	Duty Wear
Gas Leak/Odor	Full PPE w/ SCBA (Waist strap buckled)
Elevator Rescue	Duty wear, helmet, gloves

Fireground Operations

1st Due Engine	Size-up / 360 Establish IC
	Initiate Fire Attack
	Consider Standpipe Operations
	Secure water supply (Within 100')

2nd Due Engine	Water supply
	Assist with putting 1 st line in place
	Pull 2 nd line for back-up or exposure

3rd Due Engine	Stage at secondary water supply or closest intersection
	Forward manpower and assist w/ fire attack

Truck Company	Forcible Entry
	Search
	Ventilation
	Utilities/Ladders

Additional Alarms

If additional manpower is needed, the Incident Commander should call staffed companies. Consider Wilmington and New Hanover Fire Departments.

Mayday Procedures

In the event of a mayday, all units will remain on the SAME radio channel. All non-priority traffic shall be held. Once a Mayday is transmitted, additional resources (Minimum 3 Engines and Rescue/Ladder) shall be called.

When transmitting a mayday, the following should be addressed: Who you are, Where you are, and What is going on. Consider LUNAR as a resource, but not a policy.

Station 51
Response Plan

Incident Type	Specific Incident	Response Plan	Response Mode
Structure Fire	Known Residential	E51, E52, E53, T53, BC5, NHC E12, ST19, ST33	Emergency
Structure Fire	Known Commercial	E51, E52, E53, T53, BC5, NHC E12, ST19, ST33	Emergency
Structure Fire	Unknown Type/Other	E51, E52, E53, T53, BC5, NHC E12, ST19, ST33	Emergency
Fire Alarm Activation	Known Residential	E51 T53	Emergency
Fire Alarm Activation	Known Commercial	E51 T53	Emergency
Fire Alarm Activation	Unknown Occupancy	E51 T53	Emergency
Vehicle Fire	Any	E51	Emergency
Special/Outside Fire	Dumpster, Brush, Outside Equipment	E51	Emergency
Motor Vehicle Collision	Unknown Injury	E51	Emergency
Motor Vehicle Collision	Property Damage Only (Fuel Leak, Traffic Control)	E51	Non-Emergency
Motor Vehicle Collision	Report Injury	E51	Emergency
Motor Vehicle Collision	Reported Pin-In / Entrapment, Rollover	E51 T53	Emergency
EMS Assignment First Responder	Echo/Delta Level	E51	Emergency
Good Intent	Any	E51	Non-Emergency
Technical Rescue	Rope/Confined Space/Trench/Collapse	E51, E53 T53, BC5	Emergency
Special Incident / Boat Related Incidents	Brunswick Nature Park Water Related	E51, ST52 BC5	Emergency
Service Call	Smoke in the Area/Odor of Smoke/Public Service Animal Rescue	E51	Non-Emergency
Gas Leak / Smell or Odor	Inside	E51 T53	Emergency
Gas Leak	Outside	E51 T53	Emergency
Elevator Issue	Any	E51 T53	Emergency

Station 52
Response Plan

Incident Type	Specific Incident	Response Plan	Response Mode
Structure Fire	Known Residential	E51, E52, E53, T53, BC5, NHC E12, ST6, ST19	Emergency
Structure Fire	Known Commercial	E51, E52, E53, T53, BC5, NHC E12, ST6, ST19	Emergency
Structure Fire	Unknown Type/Other	E51, E52, E53, T53, BC5, NHC E12, ST6, ST19	Emergency
Fire Alarm Activation	Known Residential	E52 T53	Emergency
Fire Alarm Activation	Known Commercial	E52 T53	Emergency
Fire Alarm Activation	Unknown Occupancy	E52 T53	Emergency
Vehicle Fire	Any	E52	Emergency
Special/Outside Fire	Dumpster, Brush, Outside Equipment	E52	Emergency
Motor Vehicle Collision	Unknown Injury	E52	Emergency
Motor Vehicle Collision	Property Damage Only (Fuel Leak, Traffic Control)	E52	Non-Emergency
Motor Vehicle Collision	Report Injury	E52	Emergency
Motor Vehicle Collision	Reported Pin-In / Entrapment, Rollover	E52 T53	Emergency
EMS Assignment First Responder	Echo/Delta Level	E52	Emergency
Good Intent	Any	E52	Non-Emergency
Technical Rescue	Rope/Confined Space/Trench/Collapse	E52, E53 T53, BC5	Emergency
Special Incident / Boat Related Incidents	Brunswick Nature Park Water Related	ST52 BC5	Emergency
Service Call	Smoke in Area/Odor of Smoke/Public Service Animal Rescue	E52	Non-Emergency
Gas Leak / Smell or Odor	Inside	E52 T53	Emergency
Gas Leak	Outside	E52 T53	Emergency
Elevator Issue	Any	E52 T53	Emergency

Station 53

Response Plan

<u>Incident Type</u>	<u>Specific Incident</u>	<u>Response Plan</u>	<u>Response Mode</u>
Structure Fire	Known Residential	E51, E52, E53, T53, BC5, NHC E12, ST6, ST33	Emergency
Structure Fire	Known Commercial	E51, E52, E53, T53, BC5, NHC E12, ST6, ST33	Emergency
Structure Fire	Unknown Type/Other	E51, E52, E53, T53, BC5, NHC E12, ST6, ST33	Emergency
Fire Alarm Activation	Known Residential	E53 T53	Emergency
Fire Alarm Activation	Known Commercial	E53 T53	Emergency
Fire Alarm Activation	Unknown Occupancy	E53 T53	Emergency
Vehicle Fire	Any	E53	Emergency
Special/Outside Fire	Dumpster, Brush, Outside Equipment	E53	Emergency
Motor Vehicle Collision	Unknown Injury	E53	Emergency
Motor Vehicle Collision	Property Damage Only (Fuel Leak, Traffic Control)	E53	Non-Emergency
Motor Vehicle Collision	Report Injury	E53	Emergency
Motor Vehicle Collision	Reported Pin-In / Entrapment, Rollover	E53 T53	Emergency
EMS Assignment First Responder	Echo/Delta Level	E53	Emergency
Good Intent	Any	E53	Non-Emergency
Technical Rescue	Rope/Confined Space/Trench/Collapse	E53, T53 BC5	Emergency
Special Incident / Boat Related Incidents	Brunswick Nature Park Water Related	E53, ST52 BC5	Emergency
Service Call	Smoke in Area/Odor of Smoke/Public Service Animal Rescue	E53	Non-Emergency
Gas Leak / Smell or Odor	Inside	E53 T53	Emergency
Gas Leak	Outside	E53 T53	Emergency
Elevator Issue	Any	E53 T53	Emergency

Riding Assignments

4 Person Engine Company

Officer- Hook, TIC

Engineer – Pump, Throw Ladders

Firefighter 1 – Slack person, Irons, Stabilization (extrication)

Firefighter 2 – Nozzle, Hydrant, Hose line (extrication)

3 Person Engine Company

Officer – TIC, Hook, Slack Person/Backup

Engineer – Pump, Ladders, Stabilization (extrication)

Firefighter- Nozzle, Irons, Hydrant, Hoseline (Extrication)

4 Person Truck Company

Officer – TIC, Halligan, Hook

Engineer – Aerial, OV Team Leader, Ground Ladders, Cribbing/ Stabilization (extrication)

Firefighter 1 – OV, Ground Ladders, Assist with Stabilization, Cutters

Firefighter 2 – Axe, Can for search, Spreaders

3 Person Truck Company

Officer - TIC, Halligan, Hook

Engineer - Aerial, OV Team, Ground Ladders, Cribbing/Stabilization

Firefighter – Irons and Can for search

Seating Chart

Engineer	Captain
Firefighter I	Firefighter II

Incident Size – Up

The following components should be addressed when conducting an initial size-up:

On-Scene Report

1. Unit designation/on the scene.
2. Building/area description.
 - a. Occupancy
 - b. Height (assumed 1 story unless reported otherwise)
3. Obvious problems/conditions.
 - a. Nothing showing (indicates checking)
 - b. Smoke showing (amount and location)
 - c. Fire showing (amount and location)
 - d. Working fire
4. Action taken.
 - a. Establishing command
 - b. Laying a line
 - c. Attacking with...etc.
5. Declaration of Strategy.
 - a. Offensive or defensive
6. Command confirmation with the name
 - a. Accountability location