

Seabrook Fire Department

Engine/Rescue Presentation



Objectives

- Inform public on reasons for new truck
- Provide visual examples of the difference between the current truck and proposed truck
- Cover safety issues
- Cover town costs
 - Purchase
 - Why does it cost so much?
 - How will the town pay for it?
 - Insurance (ISO score)
 - Does the town receive an insurance increase due to age of the fire dept fleet?
 - Taxes
 - Will my taxes go up?



NFPA Regulations

- **NFPA 1901** - Standard for Automotive Fire Apparatus
- **NFPA 1911** - Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Emergency Vehicles
- **NFPA 1710** - Organization and deployment of Fire Suppression Operations

Current Rescue Truck

2002 E-one Rescue Engine



Current Capabilities and Issues

- Front run Engines
 - 2000 E-one Engine (20 years old, 24000 miles)
 - 2005 E-one Engine (15 years old, 24000 miles)
 - 2002 E-one Rescue Engine (18 years old, 61000 miles)
- Automatic Mutual Aid needed on large building fires.
 - Amesbury Fire
 - Hampton Fire
 - Salisbury Fire
- Automatic Mutual Aid given on ALL fires in Hampton.

Current Capabilities and Issues

- Reliability issues.
 - Inadequate rescue capability.
 - Regular breakdowns and repairs.
 - Increasing maintenance costs.
 - High mileage for fire apparatus
- Trucks regularly out of service.
 - All engines are pushing the NFPA 1911 allowable lifespan.
Soon all 3 engines will be obsolete.
- Non-functioning critical components.

Reasons for the Purchase of a new Rescue Engine

Safety Factors

- Safety is positively the number one reason to purchase a new Engine.
- Increased rescue capabilities for all citizens by being able to handle multiple scenarios.
- Reliability and functionality for the next 20 years.

Reasons for the Purchase of a new Rescue Engine

- This truck will be the front run truck, reducing wear and tear on the older trucks. This will extend the life of all of them.
- All current Engines will reach service limits around the same time.
- New technology and pumping capabilities make it safer for Firefighters.

Why are there 3 engines?

Each engine has its own purpose and specialty. The trucks are designed however, so that if an Engine breaks down, one of the others can fill its role.

The problem is when you have more than one truck out of service. The town then has to rely on only 1 operable Engine, and hope that it does not break.

Engine 1

The first due engine is the primary truck. It is the first due attack truck to all calls, and is the most used.



Photo by John Galla www.firenews.org

Engine 2

The second due engine is the water supply and equipment/manpower truck. It is also a back up pump if the primary breaks down.



Photo by John Galla www.firenews.org

Rescue 1 / Engine 3

The rescue pumper is a jack of all trades.

This truck has water rescue equipment, advanced EMS equipment, vehicle extrication and rescue equipment, forestry and wildland tools, forcible entry tools, and also structural firefighting equipment.

This truck also has a pump, and can act as a primary attack truck if needed.

2020 Rescue Engine (Example)



Purchase and Cost

- The Town of Seabrook will enter into a 5 year “Lease to Own” agreement with the manufacturer.
 - This will spread the cost to the taxpayers over 5 years to alleviate large increases.
- Purchasing now will be beneficial as truck prices increase up to 10% per year.
 - The current Engine being replaced continues to require repairs to be operable, the longer we wait, the more it costs.

Purchase and Cost continued...

- Insurance Services Office (ISO) rating is going to go down due to the age and capability of the current fleet.
- This will raise homeowner insurance rates 5% to 15% per step depending on the carrier.

Purchase and Cost continued...

- The new engine will actually raise the ISO rating back to the original rating or higher, lowering insurance rates. This has the possibility of offsetting any tax increase.
 - Average NH homeowner insurance is \$680. This is a savings of \$34 to \$102 per year on the premium.

CONCLUSION

- The time has come to purchase a new Rescue Engine. As the Town of Seabrook continues to grow and we see building renovation and new construction escalating, the continued need for an updated and reliable fleet is even more evident.
- This truck will allow our firefighters to keep pace with safety, technology and improved rescue capabilities.



**Our number one goal is to protect the Citizens
of Seabrook and to ensure the safety of our
firefighters.**

Thank you