Kill Devil Hills’ New Sutphen SPH-100 Aerial Platform
Truck 14 – Specs and Details You Might Find Interesting

- There’s a 100’ aerial platform that can deliver 2,000 gallons per minute from the platform.
- The aerial platform can be set up and in the air in 40 seconds or less.
- This aerial platform is rated for 50 mph wind load.
- Truck 14 is 46’ long and its height is 11’ 6” inches.
- It’s powered by a 500 HP Cummins engine with an Allison transmission.
- Truck 14 is 10 to 20 tons lighter than other aerial platforms; lighter weight means better acceleration, better breaking with shorter stopping distance, and less wear and tear on your brakes and brake components which reduces maintenance costs.
- The shorter wheelbase and shorter overall length allow this aerial platform to maneuver easily through tight streets, cul-de-sacs, and apartment or business complexes.
- The Mid-Mount design and lower overall weight naturally contributes to a lower center of gravity. An apparatus with a lower center of gravity is a safer, more stable, and better handling piece of equipment.
- This truck holds over 2,000 feet of fire hose, 300 gallons of water, carries multiple ground ladders and various types of firefighting tools that Firefighters would need to do their jobs.
- The aerial ladder and platform is so well built that it can perform on the job for 20 to 25 years and then be remounted on another truck and perform for another 20 years, this will be a considerable cost savings for the Town in the future.
- All Sutphen Aerial Apparatus include a twenty (20) year structural warranty.