



City of Seattle
Mayor Michael McGinn

Engine 81 Fact Sheet

Engine 81 is a pumper and contains a 500-gallon water tank, which allows firefighters to pump water directly from the vehicle (vs. having to hook up to a fire hydrant). Engine 81 is a reserve engine and was in service at Fire Station 18 while its first-line unit was undergoing routine preventative maintenance. Reserve engines take on the name of the station to which they are assigned when in service. This is why media reports/fire officials have referred to Engine 81 as "Engine 18." The Seattle Fire Department has 11 reserve engines, four reserve ladder trucks and seven reserve medic units. The reserve units are used when first-line units go in for preventive maintenance and repairs.

Vehicle Features:

- 500 gallon water tank
- Hose complement:
- 600 feet of 4-inch hose
- 900 feet of 2½-inch hose
- (2) 100-foot 1¾-inch hose – preconnect to the crosslays
- 200 feet of 1¾-inch shoulder load (high-rise bundle)
- Deck gun above pump panel rated at 1,000 Gallons Per Minute (GPM) at 150 Pounds per Square Inch (PSI)
- Ladder complement:
- One 14-foot roof ladder
- One 24-foot extension ladder
- One 10-foot baby ladder
- Foam Pro system with 10-gallon foam tank
- The standard complement of National Fire Protect Association (NFPA) compliant equipment (lights, axes, breathing apparatus, rescue equipment, etc.)
- Cabs seats six people

Vehicle Specifications:

- Vehicle number: 965407
- Pumper number: E-81
- Placed in service: Sept. 25, 1996
- Apparatus Manufacturer: Emergency One, Ocala, Florida
- Apparatus Model: Protector Chassis with top mount pump controls
- Engine: Cummins
- Engine Model: 6CTA 8.3
- Engine Horsepower: 300
- Transmission: Allison World Transmission
- Transmission Model: MD3060PR
- Pump: Hale
- Pump Model: QSMG 150-19
- Pump Rating: 1,500 Gallons Per Minute (GPM) at 150 Pounds per Square Inch (PSI)
- Pump configuration: Midship Split Shaft Power Take Off (PTO)

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