



APPARATUS SPECIFICATION OVERVIEW

PURPOSE

The engineer should be familiar with these basic apparatus capabilities.

ENGINE 61

<u>Manufacturer:</u>	Pierce DASH
<u>Year Built:</u>	2001
<u>Engine:</u>	450 hp Detroit Diesel Series 60
<u>Transmission:</u>	Allison
<u>Fuel Capacity:</u>	60 gallons
<u>Seating Capacity:</u>	6 persons
<u>Weight:</u>	51,800 lbs
<u>Generator:</u>	AMPS hydraulic 10 kW
<u>Lighting Equipment:</u>	Will-Burt Light Tower (4 x 1500W); 2 tripod Fire Research lights (750 W)
<u>Cord Reels:</u>	2 x 200 feet
<u>Pump & Capacity:</u>	Hale QMAX, 1500gpm
<u>Pump Controls:</u>	Detroit Diesel Fire Commander RPM Preset: 1000 RPM Pressure Preset: 150 PSI
<u>Pressure Relief:</u>	Pump control (governor); fixed relief on LDH intakes; fixed relief on intake side of pump
<u>Water:</u>	500 gallons
<u>Foam:</u>	Foam Pro System: 2 x 30 gallon tanks (A & B capable)
<u>Master Stream Device:</u>	Deck gun (1000 gpm) w/ corded remote control option
<u>Aerial:</u>	N/A
<u>Ladders:</u>	24 ft. extension, 14 ft roof, 10 ft. attic

ENGINE 62

<u>Manufacturer:</u>	KME
<u>Year Built:</u>	1994
<u>Engine:</u>	500 hp Detroit Diesel
<u>Transmission:</u>	Allison
<u>Fuel Capacity:</u>	50 gallons
<u>Seating Capacity:</u>	6 persons
<u>Weight:</u>	46,000 lbs
<u>Generator:</u>	Onan deisel 10 kW ?
<u>Lighting Equipment:</u>	2 x 750W tripods
<u>Cord Reels:</u>	2 x 200 feet
<u>Pump & Capacity:</u>	Hale QSMG 175, 1750 gpm (actually rated at 1500 gpm)
<u>Pump Controls:</u>	Direct throttle control
<u>Pressure Relief:</u>	Manually adjusted control (dial) – water dump/bypass
<u>Water:</u>	750 gallons
<u>Foam:</u>	30 gallon (A)
<u>Master Stream Device:</u>	Deck gun (1000 gpm), removable
<u>Aerial:</u>	N/A
<u>Ladders:</u>	24 ft. extension, 16 ft roof

ENGINE 63

<u>Manufacturer:</u>	Pierce Contender
<u>Year Built:</u>	2004
<u>Engine:</u>	300 hp Cummins
<u>Transmission:</u>	Allison
<u>Fuel Capacity:</u>	60 gallons
<u>Seating Capacity:</u>	6 persons
<u>Weight:</u>	40,000 lbs
<u>Generator:</u>	Honda (in compartment)
<u>Lighting Equipment:</u>	1500 W pole light
<u>Cord Reels:</u>	N/A
<u>Pump & Capacity:</u>	Waterous, 1500 gpm
<u>Pump Controls:</u>	Detroit Diesel Fire Commander RPM Preset: 1000 RPM Pressure Preset: 100 PSI
<u>Pressure Relief:</u>	Pump control (governor)
<u>Water:</u>	1000 gallons
<u>Foam:</u>	Husky 10 Foam & CAFS system: 2 x 30 gallons (A & B capable)
<u>Master Stream Device:</u>	N/A
<u>Aerial:</u>	N/A
<u>Ladders:</u>	24 ft. extension, 14 ft roof, 10 ft. attic

TRUCK 61

<u>Manufacturer:</u>	Sutphen
<u>Year Built:</u>	1985
<u>Engine:</u>	445 hp, Detroit Diesel 8V-92TA
<u>Transmission:</u>	Allison
<u>Fuel Capacity:</u>	50 gallons
<u>Seating Capacity:</u>	5 persons
<u>Weight:</u>	40,000 lbs
<u>Generator:</u>	Honda (in compartment)
<u>Lighting Equipment:</u>	12 volt spots
<u>Cord Reels:</u>	N/A
<u>Pump & Capacity:</u>	Hale, 1500 gpm
<u>Pump Controls:</u>	Direct throttle control
<u>Pressure Relief:</u>	Manually adjusted control (dial) – governor
<u>Water:</u>	500 gallons
<u>Foam:</u>	N/A
<u>Master Stream Device:</u>	Nozzle on aerial
<u>Aerial:</u>	75 ft
<u>Ladders:</u>	2, 14 ft roof; 16 ft; 30 ft extension (3-fly); 35 ft extension (2-fly); 8 ft., 10 ft., 12 ft. attic

TRUCK 62

<u>Manufacturer:</u>	Pierce DASH
<u>Year Built:</u>	2002
<u>Engine:</u>	500 hp Detroit Diesel Series 60
<u>Transmission:</u>	Allison
<u>Fuel Capacity:</u>	65 gallons?
<u>Seating Capacity:</u>	6 persons
<u>Weight:</u>	68,800 lbs
<u>Generator:</u>	AMPS hydraulic 10 kW ?
<u>Lighting Equipment:</u>	2, 1500 W pole lights; 2, 750 W fixed; 2, 1500 W on aerial; 12v spots
<u>Cord Reels:</u>	2 x 200 ft
<u>Pump & Capacity:</u>	Hale QMAX, 1500 gpm
<u>Pump Controls:</u>	Detroit Diesel Fire Commander RPM Preset: 1000 RPM Pressure Preset: 150 PSI
<u>Pressure Relief:</u>	Pump control (governor); fixed relief on LDH intakes; fixed relief on intake side of pump
<u>Water:</u>	300 gallons
<u>Foam:</u>	N/A
<u>Master Stream Device:</u>	Elkhart nozzle on aerial (1000 gpm)
<u>Aerial:</u>	105 ft, 500 lb tip load
<u>Ladders:</u>	2, 16 ft roof; 2 attic; 2, 24 ft (2-fly); 35 ft (2-fly)

TENDER 61

Manufacturer: Becker Fire
Year Built: 1993 (1984 Peterbuilt chassis)
Engine: Caterpillar
Transmission: 5-speed
Fuel Capacity:
Seating Capacity: 2 persons
Weight: 60,000 lbs
Generator: Honda (in compartment)
Lighting Equipment:
Cord Reels: N/A
Pump & Capacity: Hale, 500 gpm
Pump Controls: Direct throttle control
Pressure Relief:
Water: 2500 gallons
Foam: 30 gallon
Master Stream Device: N/A
Aerial: N/A
Ladders: 24 ft. extension, 14 ft roof

BRUSH TRUCK 61

Manufacturer: Chevy 1.2 ton 4x4
Year Built: 1972
Engine: Chevy 350
Transmission: 4 speed manual
Fuel Capacity: 25 gallons
Seating Capacity: 2 persons
Weight: 6400 lbs
Generator: N/A
Lighting Equipment: N/A
Cord Reels: N/A
Pump & Capacity: Mark III, 35 gpm
Pump Controls: Direct throttle control
Pressure Relief: N/A
Water: 150 gallons
Foam: N/A
Master Stream Device: N/A
Aerial: N/A
Ladders: N/A

BRUSH TRUCK 62

<u>Manufacturer:</u>	Chevy 1 ton 4x4
<u>Year Built:</u>	1986
<u>Engine:</u>	Chevy 454
<u>Transmission:</u>	4 speed manual
<u>Fuel Capacity:</u>	2 x 20 gallons
<u>Seating Capacity:</u>	2 persons
<u>Weight:</u>	8600 lbs
<u>Generator:</u>	N/A
<u>Lighting Equipment:</u>	N/A
<u>Cord Reels:</u>	N/A
<u>Pump & Capacity:</u>	Mark III, 35 gpm
<u>Pump Controls:</u>	Direct throttle control
<u>Pressure Relief:</u>	N/A
<u>Water:</u>	200 gallons
<u>Foam:</u>	N/A
<u>Master Stream Device:</u>	N/A
<u>Aerial:</u>	N/A
<u>Ladders:</u>	N/A