

Fire Department Fleet Standardization Update

June 22, 2009



Council Resolution

November 21, 2001

- That Markham Fire and Emergency Services be authorized to proceed with the standardization of the fire apparatus fleet;
- And that Council authorize the Fire Chief, the Manager of Purchasing, and a representative from the Finance department to negotiate with Safetek Emergency Vehicles, as the Canadian sales distributor for Smeal Fire Apparatus Co. (Inc), Nebraska, USA, to be the single source supplier of fire vehicles and apparatus for a period of five years;



Fleet Prior to 2002

- ❑ 1 – 100' Platform
- ❑ 1 – 100' Aerial
- ❑ 1 – 82' Telesquirt
- ❑ 1 - 50' Telesquirt
- ❑ 1 – Heavy Rescue
- ❑ 6 - Pumpers



Fleet Prior to 2002



100' Aerial



100' Platform



Fleet Prior to 2002



82' Tele-Squirt



50' Tele-Squirt



Fleet Prior to 2002



Heavy Rescue



Fleet Prior to 2002



Pumper



Pumper



Fleet Prior to 2002



Pumper



Pumper



Fleet Prior to 2002



Command Vehicle



Today's Fleet



Standardized Pumpers (7)



Pumper Specifications

- ❑ 2004+ Spartan Gladiator LFD
- ❑ Detroit Series 60, 430 Horsepower
- ❑ Height 10'3", Length 32'8", Width 8'5"
- ❑ Weight 44,000 lbs.
- ❑ 8000 L/min Single Stage Hale Pump
- ❑ 600 Imp. Gal Water Tank Capacity
- ❑ (2) 20 Imp. Gal Foam Tanks
- ❑ 5000 L/min Automatic Akron Nozzle



Pumper Features

- ❑ Hydraulic Generator, 7.9 kW.
- ❑ Command Knight Light 2
- ❑ Air Ride Seating
- ❑ Automatic Remote Deckmaster Deluge
- ❑ Automatic Hydraulic Cab Tilt



Standardized Aerials (2)



Aerial Specifications

- ❑ 2002 Spartan Gladiator LFD
- ❑ Detroit Series 60, 500 Horsepower
- ❑ Height 11'11", Length 42'1", Width 8'5"
- ❑ Weight 68,600 lbs.
- ❑ 105' Smeal Ladder
- ❑ 8000 L/min Single Stage Hale Pump
- ❑ 300 Imp. Gal Water Tank Capacity
- ❑ (2) 20 Imp. Gal Foam Tanks
- ❑ 5000 L/min Automatic Akron Nozzle



Aerial Features

- ❑ Hydraulic Generator, 15 kW.
- ❑ Command Knight Light 2
- ❑ Holmatro Auto Extrication Equipment (Cutters/Spreaders/Rams)
- ❑ Ergonomic Hose Load System
- ❑ Air Ride Seating



Pump Panels



Standardized Command Vehicle (2)



Fleet Highlights

- ❑ All Front Run Apparatus 2003 or Newer
- ❑ Average Age of Fleet 4.4 years
- ❑ Provides Automatic Response
- ❑ Ergonomic Hose Loaders
- ❑ Improved Safety



Highlights

- ❑ All Apparatus Supply Foam
- ❑ Improved Turning Radius
- ❑ Reduced Parts Inventory
- ❑ Ability for Pro-Active Maintenance
- ❑ Ladder lowering Devices



Questions

