

Alternative Fuel School Bus options

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May 2003



Fleet Data

- ~ 450,000 SBs in Operation
- 5 million miles per year
- 650 million gallons of fuel per year
- vast majority are powered by diesel engines
- 2,675 AF SBs in about 130 different school districts
- manufacturers of school buses are limited in number and are highly competitive



Industry Family

MAR 2003/WAL

DAIMLERCHRYSLER

- Thomas Built Buses
- Orion Bus Industries
- Freightliner Corporation
- Mercedes Benz
- Detroit Diesel Corporation
- Setra
- Sterling
- Western Star
- American LaFrance

HENLYS
Group plc

VOLVO

- Blue Bird Corporation
- Prevost



- Amtran
- International

OEM School Bus Types

Type A



GVW up to 12,000 lbs.
GM, Ford powertrains

Type B



GVW up to 14,500 lbs.
GM, Ford powertrains

Propane and Natural Gas Options

OEM School Bus Types

GVW up to 31,000 lbs.



Type C

**Blue Bird
Thomas Built/
Freightliner**

**- Engine options:
GM powertrain
Cummins/Westport
Deere Power systems**

New ! Natural Gas and Propane options coming ...

OEM School Bus Types

GVW up to 36,200 lbs.

Blue Bird
Thomas Built/
Freightliner

- **Engine options:**
Cummins/Westport
Deere Power systems



Type D

current Natural Gas Options

School Bus Market Characteristics

- Ford and GM are the most popular choices in Type A/B
- About 60 percent of Type C buses have International engines or chasses
- GM will be leaving the Type C chassis market in 2002
- Type D buses are supplied by International, Thomas Built, or Blue Bird

