



# NEWS

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## ADVANCED TECHNOLOGY TRANSIT BUS (ATTB) PROJECT FACT SHEET

- Completed conceptual design in 1993. Design input was provided by a review board of transit providers from 20 U.S. Cities and the Federal Transit Administration.
- Evaluated technologies including structural materials, propulsion, suspension and computerized vehicle control.
- Reduced weight to nearly 9,000 pounds less than the conventional Compressed Natural Gas (CNG) transit bus.
- Uses wide doors to ease passenger flow, thus reducing "dwell time."
- Seats 43 passengers, with room for 29 standees.
- Meets California Air Resources Board (CARB) and South Coast Air Quality Management District (SCAQMD) clean air requirements by reducing emissions up to 80 percent using a hybrid electric propulsion system, with potential for upgrading to zero-emissions technologies.
- Meets Americans with Disabilities Act (ADA) standards. Permits easy ramp access for wheelchair-bound passengers through use of a low floor.

More...

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- Subcontractors that supplied the ATTB's major subsystems and components include the following:

American Seating Company, Grand Rapids, MI (seats).

Amtech Company, Yelm, WA (interior/exterior trim).

Detroit Diesel Corporation, Detroit, MI (CNG engine).

Excel Industries, Inc., Southfield, MI (windows).

Guardian Industries, Inc., Upper Sandusky, OH (windshield).

Kaman Electromagnetics Corporation, Hudson, MA (generator,  
wheel motors).

Lincoln Composites, Lincoln, NB

Mantex Corporation, Oxford, MI (operator's station).

Ray Products, Inc., Ontario, CA (cowlings).

Santa Barbara Dual Spectrum, Santa Barbara, CA (fire  
suppression system).

TAT Technologies Ltd., Gedera, Israel (heating, ventilating  
and air conditioning system).

Transmatic, Inc. Waterford, MI (interior lighting).

Vapor Mark IV Transportation Products Group, Niles, IL (doors).

ZF Industries, Vernon Hills, IL (suspension system).

More...

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- ATTB Review Board Cities include:

Atlanta - Metropolitan Atlanta Regional Transit Authority

Chicago - Chicago Transit Authority

Dallas - Dallas Area Regional Transit

Dayton, OH - Miami Valley RTS

Denver - Regional Transportation District

Detroit - Detroit Department of Transportation

Garden City, NY (Long Island) - MSBA

Houston - Houston Metro

Los Angeles - Metropolitan Transportation Authority

Milwaukee - Milwaukee County Transit

Newark - New Jersey Transit Authority

New York City - NYCTA

New York/New Jersey - Port Authority of New York &  
New Jersey

Oakland - Alameda County Transit

Orange County Transportation Authority

Philadelphia - Southeastern Pennsylvania Transit Authority

Phoenix - Phoenix Transit

San Jose - Santa Clara County Transit

Seattle - Metro Seattle

Washington, D.C. - Washington Area MTA

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