



DEPARTMENT OF TRANSPORTATION

NEWS

URBAN MASS TRANSPORTATION ADMINISTRATION

WASHINGTON, D. C. 20590

FOR THURSDAY RELEASE
January 7, 1971

DOT -- 0171
Phone: (202) 426-4321

Secretary of Transportation John A. Volpe today announced a supplemental award of \$237,963 to the Dallas, Texas, Public Transit Board to continue the development of an external combustion engine propulsion system for mass transit busses.

"The engine proposed to be developed by the Dallas project is expected to produce substantial reductions of noise, vibration and emission of pollutants in comparison to diesel bus engines in use currently," Secretary Volpe said.

"A successful project should lead to substantial improvements in bus design and increase public acceptance of bus mass transportation," the Secretary said.

The grant was made by the Department of Transportation's Urban Mass Transportation Administration which is headed by Carlos C. Villarreal.

The Vought Aeronautics Division of LTV Aerospace Corporation in Dallas will be the systems manager for furnishing, installing and testing of the propulsion system.

The engine will be furnished by the Sunstrand Aviation Division of Sunstrand Corporation of Rockford, Illinois. It will be a closed circuit turbine system using toluol as the working fluid.

An award of \$309,789 was made in February 1969 to the Dallas Public Transit Board for developing a bus external combustion propulsion system using freon as the working fluid. This approach was abandoned on the recommendation of LTV.

-more-

"None of the original Federal grant has been expended and all Federal funds will be available for support of the project as now proposed," Villarreal said.

Dallas Transit will install the propulsion system in a 25-passenger bus and conduct operation and evaluation of the system.

#####

William Bishop