

## Introduction

New public transportation technology is required to relieve congestion in urban areas, to supplement present transportation modes and to meet changing needs.

Ford is in the transportation business and is seeking new ways to improve personal mobility, including the development of new public transportation systems.

## Description of Ford A.C.T. System

Ford has engineered a new public transportation technology—the **Ford Automatically Controlled Transportation** system. In its simplest usage, it operates like a “horizontal elevator”.

## Method for Accomplishment

The A.C.T. system draws from the experience and facilities of Ford Motor Company, and includes a broad range of technologies and expertise already available. For example:

- Proven automotive engineering capability
- Sophisticated testing techniques
- Electronic technology from Philco-Ford
- The capability to construct major industrial facilities
- A vehicle design center responsible for passenger safety, comfort, convenience, and vehicle appearance.

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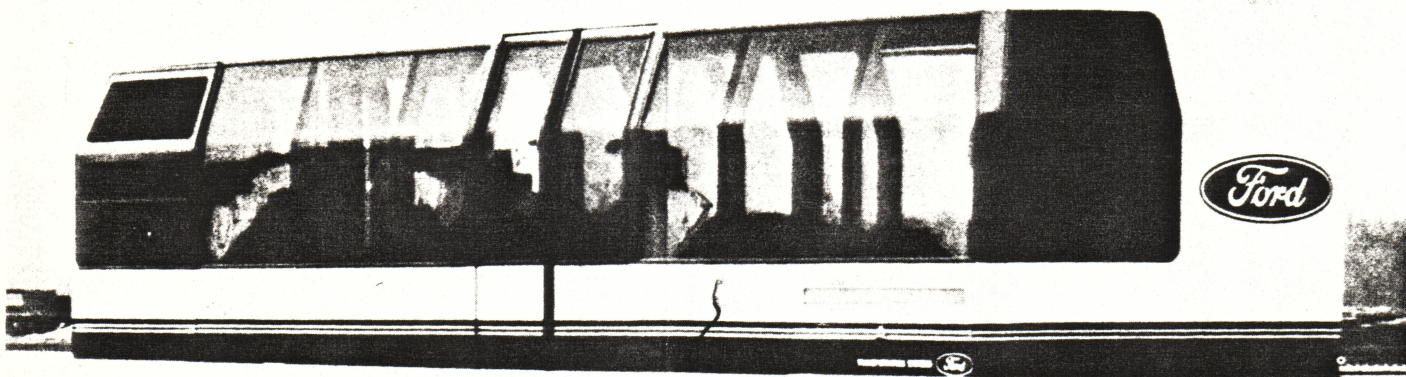
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It consists of:

- A fixed guideway
- Driverless, electrically propelled vehicles
- A computer that controls the vehicles.

The objectives established for this system include:

- A high level of service
- Passenger comfort and minimum waiting times
- Use of small vehicles that can pass through buildings
- Minimum disruption of the environment
- Lower investment and operating costs than most present alternatives.

