Past scheduled events and facilities the Aero Bus has traveled to in Ohio include

- Cleveland Air Show
- North Olmsted Homecoming Days
- Berea Grindstone Festival
- Dayton Air Show
- Brunswick Old Fashioned Days
- North Royalton Camp Cheerful
- Medina Christian Academy Vacation Bible School
- Mesopotamia Rangers Science Summer Camp
- Wadsworth Skypark Summer Celebration
- Canton-Akron MAPS Air Show
- Vermilion Woolly Bear Festival
- Hinckley Buzzard Day

Past scheduled events and facilities the Aero Bus has traveled to outside of Ohio include

- Syracuse, New York Air Show
- Decatur, Illinois Celebration
- Grissom, Indiana Air Show
- Halifax and Sydney-Kinsman International Air Shows, Nova Scotia, Canada
- Rockets for Schools, Sheboygan Wisconsin

Visit our web site:

http://aerobus.grc.nasa.gov

NASA GLENN RESEARCH CENTER
AT LEWIS FIELD

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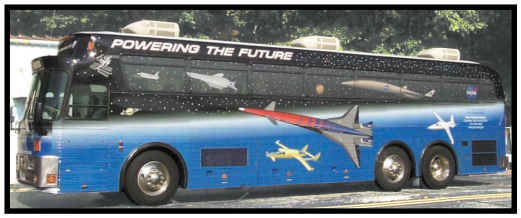
Jan 02

AEROSPACE ENVIRONMENTAL TRAVELING EXHIBIT

Powering the Future



MISSION STATEMENT

Increase overall awareness of Glenn's research, investments, and achievements for a better future and a better life.

AeroSpace Environmental Traveling Exhibit

The Aeronautics Environmental Traveling Exhibit is a mobile educational vehicle for "spreading the word" in the area of environmental protection aspects of our aeronautics programs and other areas of research being done at the Glenn Research Center at Lewis Field in Cleveland, Ohio.

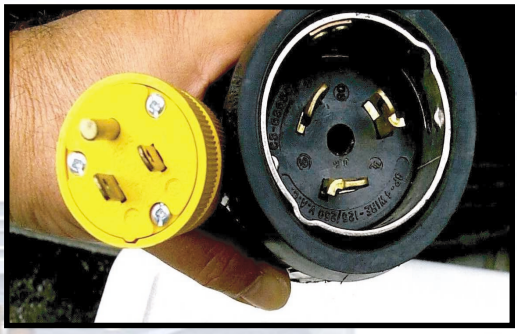
The "Aero Bus,"as it is otherwise known, is contained within a 40-ft-long bus. Videos shown inside tell the story about the relevance of aeronautical work and other research at Glenn. The exhibit is geared toward the adult visitors; however, many children also have had great experiences with the exhibit.

The idea of an exhibit bus evolved from a desire to have a highly mobile exhibit that could be set up in 5 minutes or less, and create a lasting and memorable experience for the audience. Since its debut in August 1998, it has traveled to technical events, fairs, air shows, and local events within and outside Ohio.

The Aero Bus is a 40-ft long by 12-ft 3-in. high by 9-ft wide converted 1977 Eagle bus. Its external wrap design includes aircraft models developed under NASA's Aeronautics and Space Transportation Technology Office's Three Pillars for Success. It is powered by a V–8 Detroit diesel engine with an Allison automatic transmission. It features a 42-in. plasma screen video theatre display with Hi-Fi stereo sound. In addition to technical videos, there are also 10- to 20-min videos about living in space that are geared toward the younger audience.

The exhibit bus seats 17 passengers in comfortable luxurious rotating and reclining flex-steel-designed captain chairs. The mobile exhibit has three roof air conditioner/heater units for visitor comfort.

Power Requirements: The bus has two 100-ft cords with the plug pin layout shown in the picture below. One is a 110-V, 20-amp plug and the other is a 250-V, 50-amp single-phase plug. The outlets need to match the plugs shown below. If no power sources are available at the site, the bus can be powered by two onboard generators.



This bus is dedicated to the men and women who work at the NASA Glenn Research Center.