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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Lewis Research Center
21000 Brookpark Rd.
Cleveland, Ohio 44135

FOR RELEASE:

UPON RECEIPT

Phone (area code 216)
433-4000, ext. 415

Release 73-42

Hugh W. Harris
(res: 932-3966)

Technology in the Service of Man

CLEVELAND, Ohio -- "Technology in the Service of Man," a day long review of the activities and progress at the NASA, Lewis Research Center here, will be held September 19, 20 and 21. Some 1500 invited leaders from business, industry, labor, the professions and government are expected to attend from all parts of the country.

In commenting on the program, Lewis Director Bruce T. Lundin says, "It is an exciting time -- a broadening of the application of our technologies to many purposes. Since its origin over three decades ago, the Lewis Research Center has been dedicated to the principle of technical excellence in the service of others. For instance, a major thrust in our aeronautical research today is on making aircraft quieter, safer, cleaner,

- more -

more economical and more convenient to the traveler. Our capabilities in the many complex disciplines of electric power generation and energy conversion for space have much in common with our energy problems here on Earth.

"Technology in the Service of Man" is intended to give national leaders a broad review of Lewis' current activities and present a few examples of the impact of aerospace accomplishments on all citizens. "In a sense," Lundin says, "it is a report on our stewardship of the resources of the Lewis Center."

The program will include talks and demonstrations on the work and progress being made in areas such as quieter jet engines, cleaner combustors, the effects of jet aircraft on the environment, transportation of the future, the benefits the man on the street is enjoying because of advances in rocket technology, the production of clean energy, services provided by satellites, advances in lubrication of mechanisms ranging from very hot engines to human hip joints, new materials, and communications.

The Lewis Research Center came into being in 1941 as the Aircraft Engine Research Laboratory of the National Advisory Committee for Aeronautics (NACA). Its task was to advance the technology of the nation's aircraft engines. From this effort, in partnership with other research laboratories and American industry came many benefits. The air arm of the military forces was strengthened, a new level of mobility was provided

to Americans and their goods and American aircraft came to dominate the commercial air fleets of the free world.

In October of 1958, just 15 years ago, Lewis became part of the NASA with a broadened responsibility in the fields of both propulsion and electric power generation for aeronautical and space application. Here its technologies have helped explore the planets, place man on the Moon, measure the stars and view the resources and environment of the Earth from the new vantage point of space.

Lewis occupies 350 acres adjacent to Cleveland Hopkins International Airport and 8000 acres at the Plum Brook Station near Sandusky, about 50 miles west of Cleveland. The physical plant comprises a number of unique major facilities such as altitude chambers, wind tunnels, huge vacuum tanks, and a 500 foot deep chamber for zero-gravity experiments. The total capital investment is about $270 million; the staff numbers about 3300 including 1100 scientists and engineers.

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February 27, 1973

1010

Mr. John Newbauer
Editor-in-Chief
Aeronautics and Astronautics
1290 Avenue of the Americas
New York, NY 10019

Dear Mr. Newbauer:

The Lewis Research Center is planning to hold an inspection/conference with demonstrations on the subject, "Technology in the Service of Man" on each of five days, September 26 through September 30 inclusive. On September 26, 27, and 28 approximately 500 guests from out of the City are expected each day; on September 29 and 30 guests will be from the Greater Cleveland area. Attendance is by invitation.

Mr. Hugh Harris, Public Information Officer, Tel. 433-4000, Ext. 415, will be pleased to help with further information.

Sincerely,

Walter T. Olson
Director of Technology Utilization
and Public Affairs

February 27, 1973

1010

Mr. Robert B. Hotz
Editor-in-Chief
Aviation Week
McGraw Hill Bldg.
1221 Avenue of the Americas
New York, NY 10020

Dear Mr. Hotz:

The Lewis Research Center is planning to hold an inspection/conference with demonstrations on the subject, "Technology in the Service of Man" on each of five days, September 26 through September 30 inclusive. On September 26, 27 and 28, approximately 500 guests from out of the City are expected each day; on September 29 and 30, guests will be from the Greater Cleveland area. Attendance is by invitation.

Mr. Hugh Harris, Public Information Officer, Tel. 433-4000, Ext. 415, will be pleased to help with further information.

Sincerely,

Walter T. Olson
Director of Technology Utilization
and Public Affairs

February 22, 1973

1010

Mr. Edward C. Brennan
Chief
Cleveland Convention and Visitors Bureau
511 Terminal Tower
Cleveland, OH 44113

Dear Mr. Brennan:

The Lewis Research Center is planning to hold an inspection/conference with demonstrations on the subject, "Technology in the Service of Man" on each of five days, September 26 through September 30 inclusive. On September 26, 27, and 28 approximately 500 guests from out of the city are expected each day; on September 29 and 30 guests will be from the Greater Cleveland area. Attendance is by invitation.

We thought you would want to know the foregoing for announcement and coordination with other events in Greater Cleveland.

Sincerely,

Walter T. Olson
Director of Technology Utilization
and Public Affairs