New Lab To Expand Research Services

As the expansion program progresses, the next major facility on the construction agenda is the Propulsion Sciences Laboratory. According to Mr. Eugene Wasielewski, Project Engineer, the first ground will be broken within a few months and the groundwork should be well underway by midsummer.

At the present time, it is planned that this huge installation, housing an airhandling system, cooling system, and altitude chambers, will be located in Wright Park, directly in front of the Eight-by Six-Foot Supersonic Wind Tunnel. The equipment of these buildings will be similar in nature and function to that of the Engine Research Building, and will be designed to make available combustion air, altitude exhaust, and exhaust-gas cooling services.

Two machinery bays of compressors and exhausters will be utilized to conduct full-scale engine research projects similar to the type of work now being performed in the altitude tanks located in SW-23 and SW-24 of the west wing extension of ERB.

The need for this increase in the size of research facilities was established after a comprehensive analysis of the research work load.

Issued in the interest of the personnel of the Lewis Flight Propulsion Laboratory, NACA

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LAB TO HOLD THIRD ANNUAL INSPECTION

SEPT. 20,21,& 22 DATES ANNOUNCED

September 20, 21, and 22 have been announced as the dates of the Third Annual Inspection of the Lewis Laboratory.

Some 900 visitors are expected to attend. Among them will be leading representatives of the aircraft industry and educational institutions who will inspect the facilities on September 20; officers of the military and naval services will attend on September 21; and local industrial, business and educational directors will be the guests of the Laboratory on

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PICNIC GROUNDS UNDERGO CLEAN-UP

On Thursday and Friday evenings of last week the Laboratory picnic grounds experienced a clean-up program at the hands of approximately 25 volunteer workers from the Service Divisions, including Fabrication, Buildings and Grounds and Mechanical Services.

Under the general direction of the four supervisory panel heads, Jerry Cashner, Milton Lipes, Charlie Sullivan and Edward Hubert, the volunteers de-

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NACA HONORS 29 LAB EMPLOYEES WITH AWARD OF SERVICE EMBLEMS

On Wednesday afternoon, June 29, 29 employees of this Laboratory were awarded the NACA's Meritorious Service Emblem in the auditorium of the Administration Building.

Dr. Edward R. Sharp, Director, presented the emblems preceded by a brief commendation for each recipient read by Mr. Robert Sessions, Executive Officer. Mr. John S. Brown, Assistant Personnel Officer, called each person to the stage.

Mr. John F. Victory, Executive Secretary, NACA, and the first employee of the Committee, having served since its founding in 1915, presented the introductory remarks in which he stated that the success of the NACA is accountable not to the facilities, but to the devotion and loyalty of its staff members. He also pointed out that the NACA, as an independent Federal agency charged with responsibility of performing the basic scientific research to keep American aviation supreme, has grown from a single employee in 1915 to more than 6,000 scientists and technicians.

Mr. Victory presented the 25 year emblem to Dr. Sharp, the Laboratory's Director and longest-service employee.

The gold-filled, emblemmatic pins have the basic wing design of the NACA insig-

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NEW OFFICE BLDG. TO HOUSE LIBRARY

In conjunction with the construction of the Propulsion Sciences Laboratory in Wright Park, an office building is to be erected diagonally across Walcott Road from the Fuels and Lubricants Building.

This office building will consist of a basement and two stories. In addition to engineering offices, the first floor of the building will house the Library which will be moved from its present location in the Administration Building. The larger quarters will make available additional stack space for material which is now stored and new reference books which are added from time to time.

Computing and tabulating machines will be installed in the basement area.

It is expected that construction will begin within two or three months.

Recipients of the NACA's Meritorious Service Emblems are, (seated, l. to r.) Messrs. Lee, Marsh, Mc Connaha, Gerrish, Pinkel, Barber, Ellerbrock, Gellales, Gilbert, Young and Rollin.

Standing are Messrs. Reuter, Silverstein, Tozier, Kemper, Collins, Schey, Selden, Sharp, Mr. Victory, Executive Secretary, NACA; Voss, Ritter, Dewey, Biermann, Tessmann, Moore, Waldron, Foster, Braig and Ayer.

AWT, ERB, PSL PRIMED FOR LARGER ENGINES

For those of you who are wondering what the face lifting job at the Altitude Wind Tunnel is all about, a brief explanation is timely.

This tunnel was originally designed for conducting research on complete nacelle installations of reciprocating engines driving propellers. It was also suitable for subsonic testing of turbojet engines. Rapid increases in jet engine size and thrust were making this facility obsolete.

Under the current modernization program, tie lines (those large overhead pipes) connecting the air supply and exhaust evacuation capacities of both the Engine Research Building and the Propulsion Systems

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AWT GETS PRIMING

Laboratory together with the additional exhausters, exhaust gas coolers, air heater and controllable pitch drive fan being installed at the AWT will permit the testing of much larger turbojet, turboprop and ram-jet engines at higher flight speeds and over a far greater range of engine power.

When the modernization is completed this summer, the AWT will again take its place near the top of the list of our unique research facilities.

Wing Tips 2/1/1952