8,776 Alumni
In Armed Forces

Group Includes Many High-Ranking Officers

According to the latest figures available, a total of 8,776 alumni of the Institute, or 23.6 percent of all living former students, have served in the armed forces of the United States and allied nations during World War II. Of this group, 148 have made the supreme sacrifice.

A very high percentage of Technology’s alumni in the services are in positions of great responsibility; our service group is headed by 32 generals and 35 admirals. Some of the better known flag officers are General George C. Kenney, ’11, Pacific Air Command; Lieutenant General James H. Doolittle, ’24, Eighth Air Force Commander; Major General Leslie R. Grove, ’17, Director of the Atom Bomb Project; Vice Admiral Emory S. Land, ’06, Head of the Merchant Marine; and Rear Admiral Edward L. Cochran, ’22, Chief of the Bureau of Ships of the United States Navy.

Two alumni, General Doolittle and Lieutenant Colonel Jay Zeamer, Jr., ’40, have received their country’s highest award for valor—the Congressional Medal of Honor. General Doolittle received the Medal of Honor after leading the famed first raid on Tokyo, while Colonel Zeamer received the Medal after an epic struggle against the Japanese in a B-17 over Bougainville.

The public may operate this equipment at the display.

An individual applicant is used in placing their guns on target, aiming the whole plane. The device is placed in a cockpit, by use of his ‘stick’ and control he shoots beams on diving picture planes which cast on a screen by a movie camera.

This is the sensational new weapon which fires a 75 mm. shell but can be carried by two foot soldiers. It can be set up and put into operation very quickly.

Jet Propulsion

Jet propulsion is the new miracle which propels airplanes at high speeds. It was of great value in the development of newer and faster fighting planes in World War II.

Back of Main Building

Van de Graaff Generator

This two and a half million volt generator was invaluable in nuclear research. It also developed sufficient power for the X-raying of armor plate and guns to discover any flaws existing in the metals.

Automotive Laboratory Display

Shown here are Rolls-Royce and Allison Engines, an 1800-horsepower radial aircraft engine, an adjustable pitch propeller, a B-29 turbo-supercharger, and cutaways of engines to show the operation of the internal combustion engine.

Wind Tunnel

In the Wright Brothers Wind Tunnel, one of the largest in the country, there is a huge power fan for creating winds to test models of proposed aircraft.

Main Building

Atomic Bomb Movies

On the second floor of Building 10, movies will be shown about the destructive atom bomb. In this section there will also be atomic bomb photographs.

Navy Exhibition

This includes accurate scale models of many of the Navy’s most famous fighting ships, gun models, and a thrilling photographic story called “Power in the Pacific” (see story).

First Floor Open

The first floor of all the main building will be open for a routine inspection of Technology’s educational facilities. Guides, chosen from the undergraduate student body of the Institute, will be available to make this gigantic exhibit more interesting, worth-while and enjoyable for those who bought bonds to make some of the achievements shown possible.