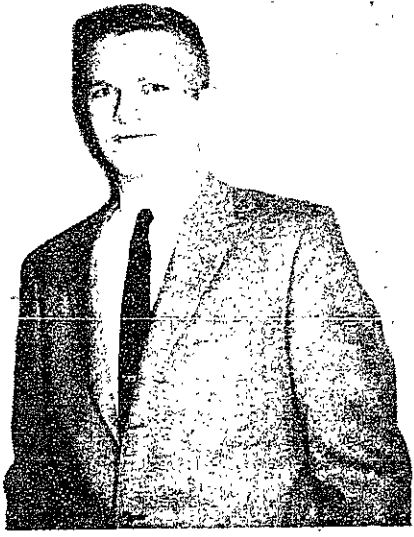


Alar Toomre, Course XVI Senior, To Receive Marshall Scholarship



Alar Toomre, one of 12 graduates picked for this year's award.

Alar Toomre '57 has been awarded a Marshall Scholarship, which entitles him to two years study at a British university.

Mr. Toomre has elected to do research in Physical Aerodynamics at the University of Manchester, and will take up his studies there this fall.

The Marshall scholarships were established in 1954 as a gesture of appreciation for Marshall Aid. They provide for two years of post graduate study at British universities for twelve American students, selected annually on the basis of scholarship and character. The grant covers tuition, transport to and from the United Kingdom, and a sufficient living allowance.

Regional committees make preliminary selections and forward them to Washington where the British Ambassador, assisted by an advisory committee, makes the final selections, which are approved by the Commission in London.

Mr. Toomre is a senior in course XVI. He lives in Hempstead, New York.

Five Tech Students Will Study Abroad On Fulbright Grants

Five more MIT students have been selected for graduate study abroad on Fulbright scholarships this month—eight in all have been named this year.

The awards are to Chester D. Bell, G, VI-A, of Kirksville, Mo., for digital computers at the University of Sydney, Australia, Charles A. Homsey '53, G X, of West Roxbury, Mass., for Chemical Engineering at the University of Sheffield, England, Peter A. Sampton '57, of Scarsdale, N. Y. for Architecture in Paris, France, Ovadia R. Simha G IV-B, of Norman, Okla., for city planning in Delft, Holland, and Earl R. Flansburgh, G IV-A, of Ithaca, N. Y., for architecture (prefabrication and construction), at the Building Research Station in Watford, England.

The Fulbright Scholarships are for graduate study abroad in the academic year 1957-58. As provided by the Fulbright Act, all students selected by the Board of Foreign Students, members of which are appointed by the President of the United States. The purpose of these and other scholarships given by the International Education Exchange Program is to promote mutual understanding between the people of the United States and the people of other countries.

Restriction To 4/5; Limit Goes To Thirty

Quadrangle Club voted Sunday to raise the legal representation from any one living group from three-fourths to four-fifths, and to provide for an additional five members who would be elected in the Sophomore year to take care of "extremely deserving" sophs not already in the Club.

The four - fifths representation, which would apply only to the group of 25 elected during the spring term, came as a compromise between leaving the Constitution as it now stands (three-fourths) and eliminating all restrictions. The general opinion was that all living groups must be represented to make the group influential throughout the whole class.

The five extra positions, raising maximum membership to 30, would be filled only if exceptional cases presented themselves after the first elections. They need not, and probably will not all be filled.

"ONE OF THE YEAR'S BEST"
—Crowther, N. Y. Times

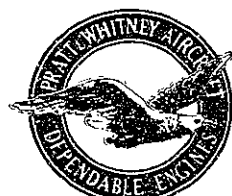
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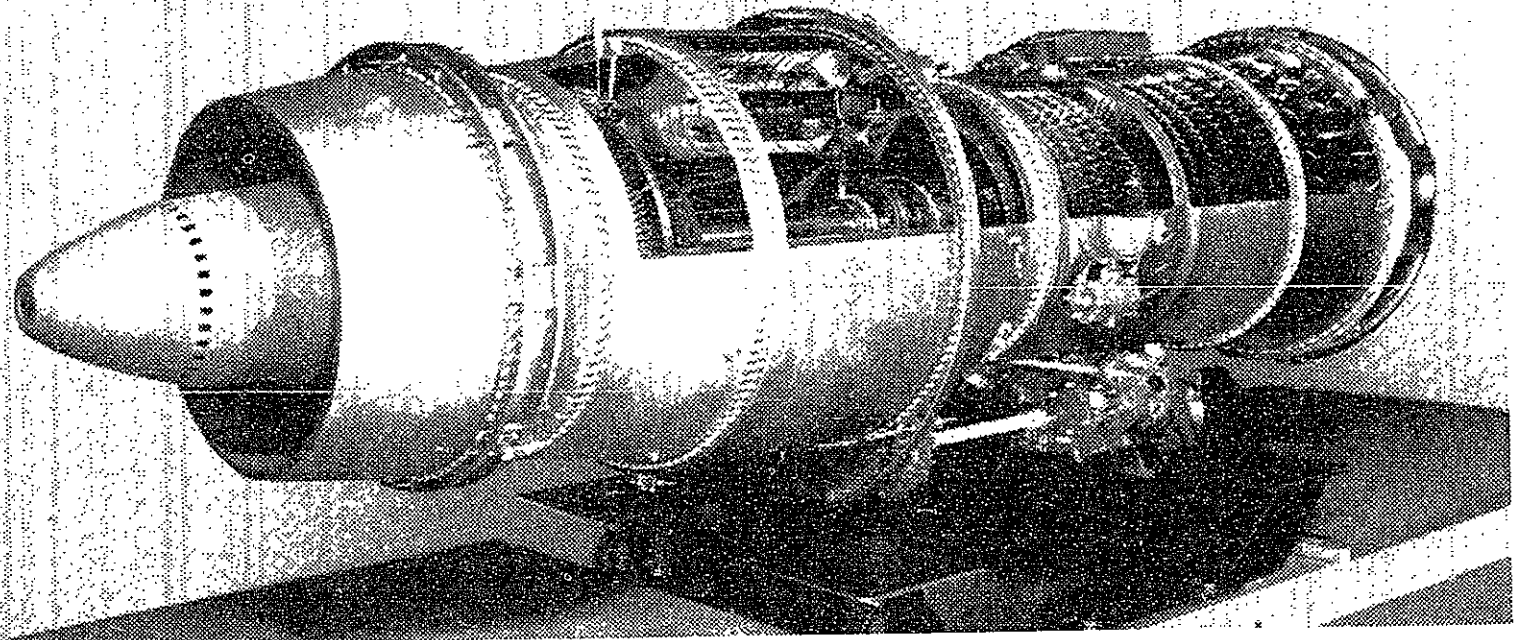
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Cutaway model of P & W A J-57 engine. This twin-spool, axial-flow gas turbine powers the country's newest fighters and bombers and is slated for Douglas DC-8 and Boeing 707 jet airliners. Engine was the first to be rated at more than 10,000 pounds thrust.

A LOOK at the record

From its founding in 1925, Pratt & Whitney Aircraft has been essentially an engineering company. Its primary objective has been the design and development of new aircraft engines of superior performance and dependability. The guiding policy has always been, simply, that technical excellence must be the paramount objective, attained through constant effort to improve upon the best.

As early as 1928 Pratt & Whitney Aircraft's Wasp engines powered Navy seaplanes which brought back world records in altitude, range and speed from competitions in Switzerland, Germany and France. The following year, Wasp-powered Army Air Corps airplanes were flying combat formations at 30,000 feet.

All through the 1930s the power, range and fuel economy of the Pratt & Whitney Aircraft Wasp and Hornet engines were developed, and the engines seasoned

with experience. Wiley Post, the Lindberghs, Martin and Osa Johnson, Amelia Earhart, Admiral Byrd and Roscoe Turner were among the host of famous pilots who made aviation history with Wasp power.

During World War II, 50 percent of the aircraft powerplants for the American air arms were engineered by Pratt & Whitney Aircraft. Three of the five key fighter airplanes, a host of medium and heavy bombers, and 98 percent of all the military transports used Pratt & Whitney Aircraft engines.

The postwar development of the J-57 gained the company a position of engineering leadership in the jet field. It powered the first jet aircraft to fly faster than sound in level flight, and is now used in six supersonic fighters, three bombers and the first two American commercial jet transports.

Broadly diversified engineering careers at Pratt & Whitney Aircraft offer truly fine opportunity for young men equipped to deal with challenging assignments. You will find many answers to important questions about careers at P & W A in our informative booklet, *Jet Engineering*. For a copy, write to Mr. F. W. Powers, Engineering Department.