

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

**Title:** The Flight Engineer

**Issue Date:** 1943-02

**Publisher:** Ohio State University, College of Engineering

**Citation:** Ohio State Engineer, vol. 26, no. 3 (February, 1943), 21.

**URI:** <http://hdl.handle.net/1811/35910>

## THE FLIGHT ENGINEER

A good field in the armed forces for engineering students to view with thought is the position of flight engineer, usually a technical sergeant, according to Dr. Everett W. Thatcher of Schenectady, New York.

The duties and capacities of the flight engineer are many. He must know all about the mechanics of the ship for which he is responsible. If a member of the ground crew he is responsible for maintenance and in charge of the maintenance crew. In flight the engineer must understand and be capable of repairing damages to planes and controls.

Dr. Thatcher lists the following qualifications for a flight engineer: unusual intelligence, natural ability for mechanics and mathematics, good marksmanship, good physical condition and tact.

The training of the new recruit begins with an aptitude test measuring mechanical ability. The first step is a wide and detailed course in aerial mechanical engineering.

After learning the complete mechanics and the construction of the plane, the mechanic can take advance courses.

Training finished, work is begun as apprentice mechanic.

---