

## Champaign Airport will Discontinue CAA Training

The CAA War Training service program at the Champaign airport will be discontinued after May 8, or as soon after that as the 20 navy V-5 cadets training here can be graduated, it was learned yesterday. Insufficient airport facilities is blamed for the move.

Civil Aeronautics authority notified Champaign airport manager Donald M. Swallen that they would continue the War Training service programs only in schools with airports large enough to accommodate 100 or more trainees. In this way an officer would be detailed to work with the cadets.

Two hundred and fifty colleges and universities are now operating similar programs to that carried on at the University.

Five groups consisting of 90 army and navy cadets have been trained at the Champaign airport since it has been under War Training service authorization, July, 1942. None have suffered any injury.

Pre-combat and non-combat army and navy training under CAA will be extended greatly in the future. Because the training program has been established on a wartime basis army and navy cadets on active duty must be trained at centers in accordance with the requirement of military administration.

Illinois centers which now hold CAA contracts are:

For the controlled indoctrination flight course—Augustana college, Rock Island; James Millikin university, Decatur; Knox college, Galesburg; and Southern Illinois State Normal college, Carbondale.

For the navy elementary training—Northwestern university, Evanston; University of Chicago, Chicago; and Illinois State Normal college, Normal.

For navy secondary school training—Salem.

For navy AVP training—Lewis School of Aeronautics, Lockport.

*Illinois - April 27, 1943*

## Book by Professor Adopted by Army

H. J. Reich, professor of electrical engineering, has had his second book, one of which he is co-author, "Ultra-High-Frequency Techniques," approved for service men's use. A highly technical book, it has become a wartime "best seller," selling 15,000 copies in six months. This is the only comprehensible book discussing the fundamentals of radar, the phenomenal short-wave radio device to detect airplanes and submarines at great distances.

The book, adopted by both army and navy, is being used in more than 100 technical schools to train research men, engineers, and technicians who are applying this device and its principals to many war uses.

The joint authors of the book are professors of electrical engineering in American universities. They are Mr. Reich, J. G. Brainerd, University of Pennsylvania; Glenn Koehler, University of Wisconsin, and L. F. Woodruff, Massachusetts Institute of Technology.

*Illinois - April 30, 1943*

## Campus to Lose CAA Program

### Willard Explains Navy Department's Action

By HENRY SWAIN '43

President A. C. Willard declared yesterday that if the University now had an airport like the one that is under consideration by the state legislature, the campus would not stand to lose its CAA flight training unit around the first of May at the completion of the present course.

The navy department recently announced, the president explained at his weekly press conference, that CAA units will be maintained only at schools that can handle 100 trainees at one time. (There are 20 navy men taking the flight training here now.)

"I am not blaming the CAA or the navy department for taking this training away," he said, "but it is too bad to lose it here." The proposed airport would be approximately the size of that at Texas A. and Mr. university where approximately 600 CAA cadets are now in training, he stated.

"We will certainly try to get the \$500,000 capital item as well as the \$617,252 operating budget item, which Gov. Green recommended be cut from the biennial budget," he told reporters. The former item covers the airport buildings.

Mr. Willard pointed out that although no one could speak for the University until the board of trustees acts on the governor's proposed budget tomorrow, he was sure that the University would attempt to the capital and operating items back in the budgeting.

Speaking of the legislative visit to the campus Friday, the executive explained that "we are going to reduce the speaking time of the University administrators" so that legislators will have more time to see the University buildings, equipment, and most important of all, the students and faculty.

*Illinois - April 28, 1943*

## Engineers Discuss Training Proposal for Women Aids

Plans for a possible new women's training course designed to furnish "Engineering Aids" to replace men who have gone into the service, were discussed yesterday by M. L. Enger, dean of the college of engineering, and A. A. O. Booth, Hartford, Connecticut, representative of the training department of the Pratt-Whitney company. Pratt-Whitney is engaged at present in building airplane engines for the army.

A three semester program, including training in physics, mathematics, chemistry, and engineering subjects, was proposed to begin in June simultaneously with the summer semester.

Twenty to thirty women trainees would be financed by "fellowships" given by the Pratt-Whitney company, Board, room, and other expenses would be paid, as well as an additional sum of money, Dean Enger added.

"Details are not yet complete, but there are pretty good prospects for the success of such a course if enough women back it—they want to work for the company," he finished.

*Illinois - April 4*

## University Trains Fifty Women for Radio

### Technicians Prepared for Army Positions at Wright Field

Fifty young women are being trained as radio technicians in a special war-time course at the University. They are being prepared for civil service positions with the United States army air corps at Wright Field, Ohio.

The 24-week course is being given in the University's electrical engineering laboratories by members of the college of engineering faculty. It is a part of the engineering, science, and management war training program being administered by the division of University extension.

C. A. Keener, associate professor of electrical engineering, is in charge of the instruction. The women attend classes and laboratory sessions from 8 a. m. to 5 p. m. every weekday including Saturday. This is the second such group to be trained at Illinois, but the first to be composed entirely of women.

While in training, the women are paid by the federal government at the rate of \$120 a month plus overtime for exceeding the 40-hour week. There is no charge for the training, but each must provide her own quarters, meals, and clothing. They do not wear uniforms. On graduation, they will start work at \$138 per month plus overtime.

The group will finish its course here in the middle of August. Another training group is expected to start here then. Women for the course are recruited through the federal civil service. They must be between 18 and 35 years old, and have graduated from high school with courses in mathematics and physics.

*Illinois - April 1, 1943*

## Aircraft Company to Train Women

### Twenty Scholarships Available to Co-eds

Twenty scholarships for women will be awarded by Pratt and Whitney Aircraft, division of the United Aircraft corporation, East Hartford, Conn. These scholarships will begin June 13 at the University and cover three semesters of training to prepare the women for positions with the aircraft company.

Upon successful completion of the course, the aircraft company will employ the women at a base pay of \$140 a month for a 40-hour week. Employment is expected to be 50 hours a week with overtime at time and a half, which would make the monthly pay over \$190.

#### Scholarship Covers Fees

All fees, including tuition, laboratory, library, Union, hospital association, and diploma fees, will be covered by the scholarship, and an allowance will be made for room and board, books and supplies, and laundry. Each woman holding a scholarship will also receive \$100 a semester.

## GM Representative to Seek Women for Positions

A representative of the General Motors corporation will be on the campus Wednesday to interview senior and graduate women interested in employment with the corporation, the dean of women's office announced yesterday.

Positions are available for women who have majored in chemistry, engineering, physics, mathematics, metallurgy, business administration, statistics, and accounting and those who have had radio training.

A few openings in crafts are available for those mechanics majors who use applications. Women of chemistry would include both — also are desired by the corporation.

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*Illinois - April 11, 1943*

## WAR WORK FOR WOMEN

Civil service positions as airway traffic controller trainees are available for senior women. The course was scheduled to start this month, but will not begin until a later date. Those women who will not graduate until the end of May can qualify for subsequent training.

Women will be paid \$150 a month plus overtime while training to be traffic controllers. Further information and application blanks may be obtained in the dean of women's office.

*Illinois - April 11, 1943*

Applications will be taken from women who are college graduates or who are within one or two semesters of graduation and can earn a degree by completion of the course. These applications will be received in 106 Engineering hall.

#### Mr. Booth to Visit Campus

Mr. A. A. O. Booth of the training department of Pratt and Whitney will be at the University April 19 to interview applicants and make final selections.

The course will include mathematics, engineering, drawing, mechanical, laboratory, physics, and material laboratory work, chemistry, industrial engineering, and metallurgy. If some of these courses have already been taken, the training may be completed in less than three semesters.

*Illinois - April 11, 1943*