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# State Teachers College Bulletin

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Vol. Thirteen

No. One

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## Pictures of Progress

At

# BLOOMSBURG



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The State Teachers College Bulletin is issued six times a year, in August, December, January, February, March, and April, by the Trustees of the State Teachers College at Bloomsburg

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FRONT CAMPUS — WALLER HALL



# **F**oreword

This pamphlet has for its purpose the portrayal of pictures of progress—pictures in peacetime, wartime, and post wartime.

These are pictures of a college turning part of its personnel and plant from teacher training to war training of aviators, Naval flight instructors, Naval officer candidates (V-12), nurses, and skilled industrial workers.

In approaching post wartime, this college cannot return to its peacetime activities unchanged, but through its wartime experiences has adjusted its personnel and plant to meet the new demands of tomorrow while carrying on today.

You are invited to compare these purposes as depicted in these pictures by

*Harvey A. Andruss*

Harvey A. Andruss, President

PEACE TIME

# A *ctivities*

Physical Education requires planning.

In 1938 ground was broken for a new gymnasium.

With the outbreak of the war, the Centennial Gymnasium, marking a century of education at Bloomsburg, was available for prospective teachers and members of the armed forces.

This is a part of the picture of progress.

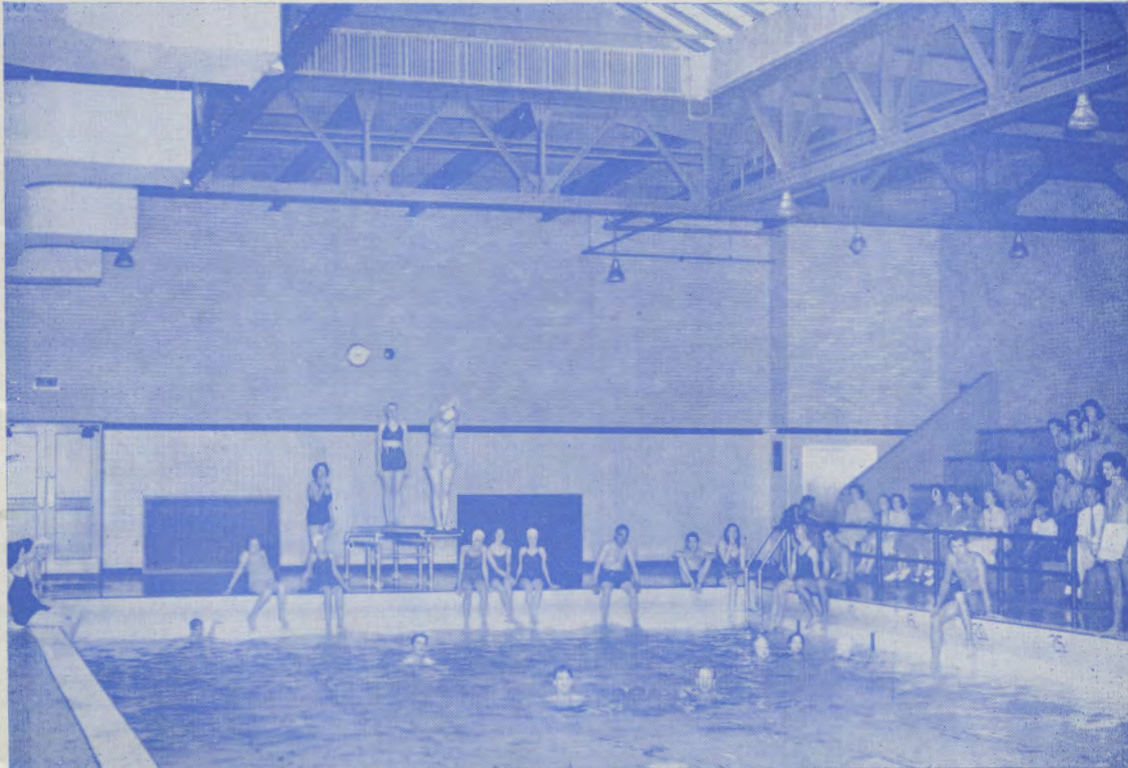






Costing over a half million dollars, the Centennial Gymnasium contains one large gymnasium, two auxiliary gymnasia, a swimming pool, two classrooms, and five offices adjoining tennis courts and playing fields.

CENTENNIAL GYMNASIUM — SWIMMING POOL





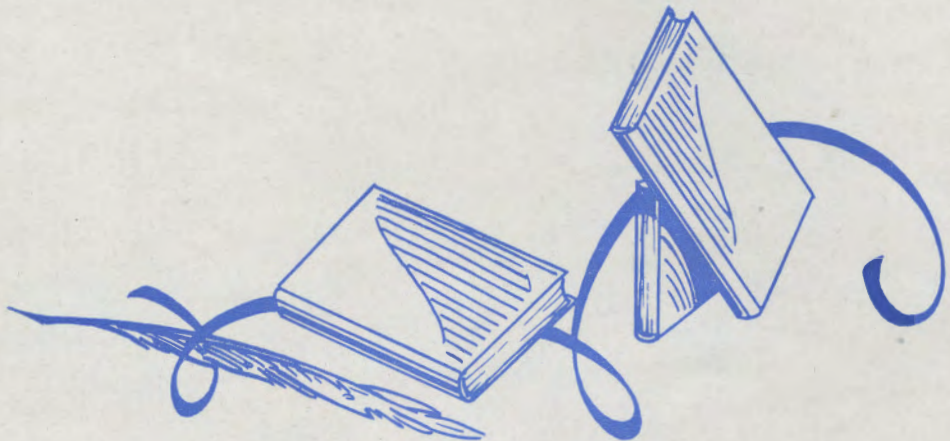


PROVIDING EXPERIENCE FOR REAL LEARNING AROUND THE  
SCIENCE TABLE IN FIRST GRADE

A stimulating environment including a sympathetic, understanding teacher as a guide and friend is necessary if a child is to develop fully his individual capacities and traits and make his learning complete. Such an environment will make it possible for the child to encounter problems of living harmoniously and profitably with his associates and to develop habits of efficient thinking and doing.

Education of the citizens of tomorrow depends upon the teachers of today.

Teachers from grade one through the high school, are trained under the most modern conditions at the Bloomsburg State Teachers College.



# SCIENCE TODAY

Present day education must promote scientific knowledge to prepare youth for post war possibilities of growth.

Engineering, Science, and Management War Training Courses reached over 2,000 industrial workers through evening classes held in Science Hall.

Physics and Mathematics were taught as a part of the program for Naval Aviators and Officers.

Biological Sciences for prospective teachers and nurses complete the picture.

Science will play an increasingly important part in tomorrow's schools.

## BIOLOGICAL SCIENCE, TWELFTH GRADE





# WAR TIME

# A *ctivities*

During a four year period the Bloomsburg State Teachers College has participated in eight war programs. In so doing, its war activities have been developed along lines of possible post war expansion.

The programs involving contracts with the Army, Navy, Department of Commerce, Office of Education, and the Bloomsburg Hospital have contributed to the war effort by training:

1. One hundred students to fly under the Civil Pilot Training Program.
2. Fifty high school teachers to become ground school instructors.
3. Thirty Army Service Pilots to fly under War Training Service of the Civil Aeronautics Administration.
4. Four hundred Navy Cadets to fly under the V-5 Program.
5. Five hundred Navy Flight Instructors to teach ground school subjects and flying to Cadets.

NAVAL  
AVIATION  
CADETS





# Navy

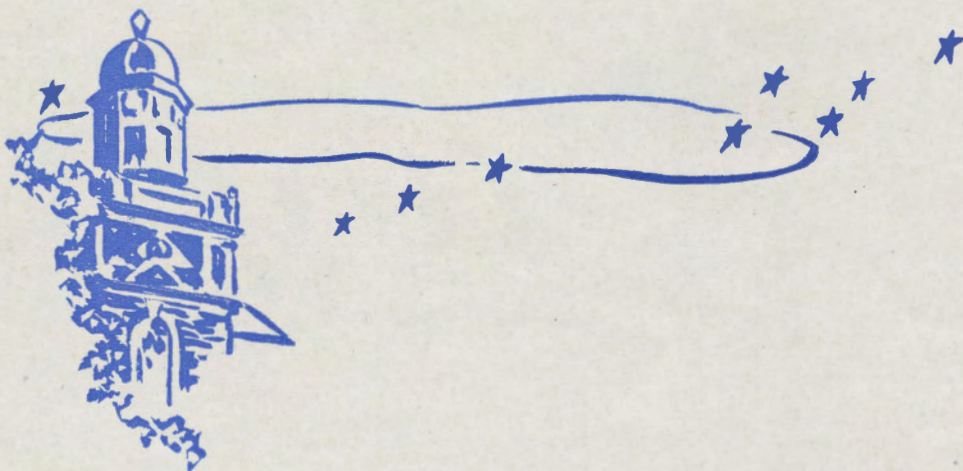
6. Five hundred Navy V-12 students in a program which is still in progress.
7. Two thousand industrial workers through evening courses, and
8. Twenty nurses each year, in biological and social sciences for the Bloomsburg Hospital.

After a trial period of several months, the Navy Department offered to contract for the exclusive use of the Bloomsburg Airport, pioneered through the efforts of Harry L. Magee, if the College would make all its plant and personnel available for the aviation program.

Shortly thereafter one of the six Naval Flight Instructor Programs was located at Bloomsburg. Others were inaugurated at University of Georgia, Purdue University, Texas Christian University, Northwestern University, and the University of Arizona.



NAVAL  
AVIATION  
CADETS



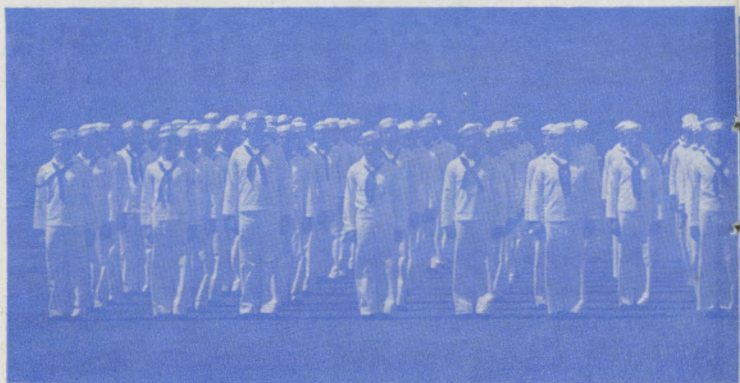
The Navy Department, in planning a College Training Program for prospective officers, gave careful attention to the selection of co-operating colleges and universities.

Out of approximately 1,700 institutions of higher learning in the United States, 500 colleges and universities were recommended for inspection from which a much smaller number was to be selected and approved.

Bloomsburg was one of 140 institutions approved by the Navy for the V-12 (Officer Candidate) Program, with a quota of 175 men. Eleven institutions were selected in Pennsylvania, of which Bloomsburg was the only Teachers College.

Students from other Pennsylvania teachers colleges operating the V-1 and V-7 Programs were transferred to Bloomsburg for the remainder of their work.

NAVY  
V-12  
TRAINEES

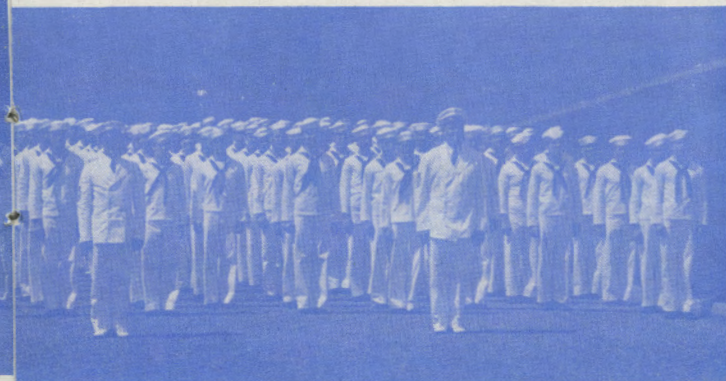




# Navy

The V-12 Program is unique in that it is a **College Program**. According to Admiral Randall Jacobs, Chief of the Bureau of Naval Personnel, "Its primary purpose is to give prospective naval officers the benefits of college education in those areas most needed by the Navy. We desire, in so far as possible, to preserve the normal pattern of college life. We hope that the college will give regular academic credit for all or most of the Navy courses, and we desire that college faculties enforce all necessary regulations to keep the academic standards high."

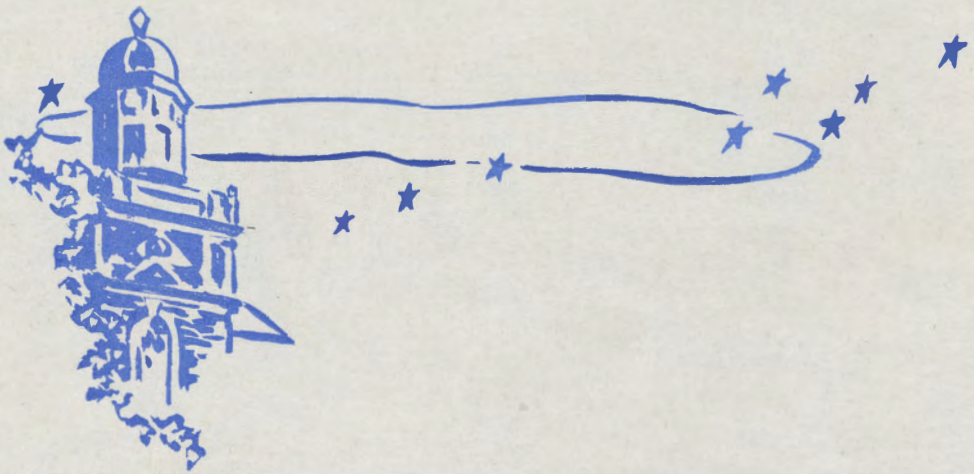
This Program operates on the basis of three terms of sixteen weeks each, totaling forty-eight weeks a year. Trainees are Apprentice Seamen on active duty who have been carefully selected from the upper 10% of the high school graduates on the basis of intelligence and physical examinations, as well as a series of interviews to determine personality traits.



NAVY

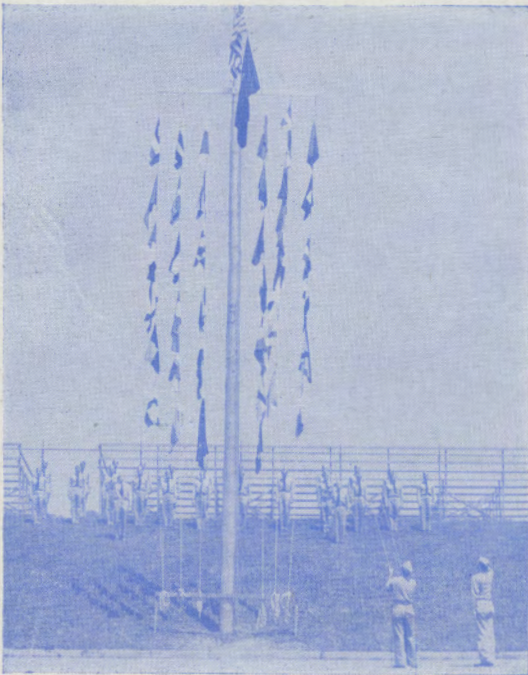
V-12

TRAINEES



The Navy College Training Program has brought young men from all over the United States to the Bloomsburg Campus.

Faculty members have adjusted themselves to the new requirements of war programs. Facilities are a matter of stone and steel but faculty willingness to make the transition is characteristic of Bloomsburg. Facilities merely make it possible for the faculty to serve new needs. When a musical director and language instructor becomes a mathematics teach-



RAISING  
THE  
STANDARD



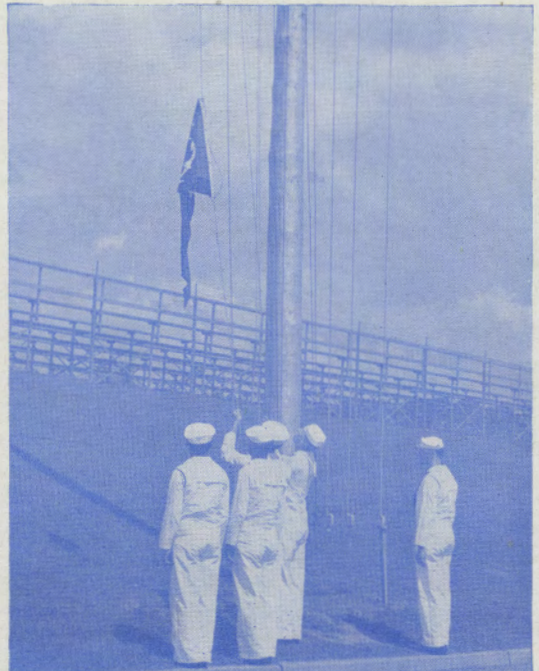


# Navy

er, a dean of men becomes an aviator, a coach learns to teach navigation, a physical education director becomes a drill master and a geography instructor becomes a weather man, we have a campus revolution, while not so obvious as the building changes, it nevertheless is truly revolutionary.

Over half of the first quota of 175 Navy V-12 trainees were former students at other teachers colleges. Some of this group were able to complete graduation requirements during their stay at Bloomsburg.

LOWERING  
THE  
STANDARD







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# AVIATION PROGRAMS

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## Over a Thousand Pilots Trained Here

The Bloomsburg State Teachers College, in conjunction with the Bloomsburg Airport, in the past three years have trained over a thousand Army and Navy pilots and airline personnel, including Army combat and service pilots, Navy instructors, and Navy combat pilots. The facilities of the college, which include a fine building known as Navy Hall for ground school instruction and visual aids accumulated in three years pilot training, and a new gymnasium, which had been used for the Army and Navy flight instruction, are now being opened for the summer's work. The college faculty members certified by the Civil Aeronautics Administration and the flight instructors at the airport, who have been training military personnel, have now been released to supervise all the work done by the Bloomsburg Aviation Laboratory School. Pennsylvania high school teachers of pre-flight aeronautics will also participate in this class-room instruction. Opportunity for engine and aircraft instruction in the college will be amplified at the airport in a practical situation.

## NAVY AVIATORS







### Opportunities for Advanced Students

Advanced students will be interested in link and flight instrument instruction, horse power ratings in Waco's 330's, cross country training, including loop orientation, calculator instruction, and night flight by qualified CAA flight instructors in our primary and advanced CAA approved flight school.

All phases of primary and advanced training can be secured. Advanced students will find ample opportunity at Bloomsburg for any type of additional training they desire.

### Bloomsburg, One of Five Schools Selected for Training

This type of aviation opportunity will not be available in its entirety anywhere else in the eastern portion of the United States to civilian students, ages 14 and above. This institution, in conjunction with the Bloomsburg airport, was one of the five schools selected by the United States Navy through the Civil Aeronautics Administration War Training Service for Naval flight instruction work. The entire facilities of the airport and the college are now available for the civilian instruction.





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### A First Step in the Development of Aeronautics

In the fall of 1940 the State Teachers College of Bloomsburg, Pennsylvania, was asked along with approximately 600 other institutions of higher learning to participate in the program sponsored by Civilian Pilot Training under the Civil Aeronautics Administration. This flight and ground school training for college men was on an extra curricular basis and was to form a reservoir of pilots in case an emergency developed in the United States. This emergency became a crisis December 7th, 1941, and fortunately ready to meet this situation was a group of trained pilots, including 100 trained at Bloomsburg. The civilian part



CIVILIAN  
PILOTS







of this training ended at this point and the work continued on a full-time military basis as another 900 men were trained at Bloomsburg for the Army and Navy as military pilots.

### **Pre-flight Aeronautics for Teachers**

In the summer of 1942 the Civil Aeronautics Administration sponsored a pre-flight aeronautics course for teachers. A quota of 20 was assigned to Bloomsburg and this institution was the first in the country to offer the course as a exclusively for teachers-in-service. Other schools intermingled the teachers with their Civilian Pilot Training trainees and gave them the same course. From this individual treatment of the course for teachers-in-service was born the idea that a field or area concentration in aeronautics for teachers should be developed.



NAVY PILOTS STUDY AIRCRAFT STRUCTURE



# POST WARTIME

# A *ctivities*

## PURPOSE

The State Teachers College at Bloomsburg, Pennsylvania, is owned and operated by the Commonwealth of Pennsylvania, for the purpose of preparing teachers for the Public Schools of Pennsylvania. This bulletin presents in brief form necessary information concerning enrollment. A catalog giving complete information may be secured upon request. You are cordially invited to visit the College and discuss any matters of detail with President Harvey A. Andruss.

## RECREATION PERIOD, BENJAMIN FRANKLIN SCHOOL





# on to Victory ★

## CURRICULUMS OFFERED

Four-year curriculums leading to the degree of Bachelor of Science in Education are offered in the following fields:

1. **Business**—This curriculum prepares for teaching the following subjects in the Junior and Senior High Schools: Bookkeeping and Accounting, Business English, Commercial and Economic Geography, Commercial Law, Commercial Mathematics, Economics, Junior Business Training, Office Practice, Salesmanship, Shorthand, and Typewriting.
2. **Elementary**—Four curriculums prepare for teaching in the elementary schools, with specialization in Kindergarten-Primary, Intermediate, and Rural fields, and Special Education for Speech Correctionists and teachers of the Mentally Retarded.
3. **Secondary**—This curriculum prepares for teaching the following subjects: Aeronautics, English, Foreign Languages, Geography, Mathematics, Science, Social Studies, and Speech in the Junior and Senior High Schools.





### STUDENT TEACHING IN TYPEWRITING

### ADMISSION REQUIREMENTS

The regulations for admission to the State Teachers Colleges of Pennsylvania require the applicant to appear at the college on days announced during the Summer Session, in addition to the regular registration day at the opening of the fall semester. Following is a statement of the general principles controlling the new admission requirements: (1) General Scholarship, (2) Integrity and appropriate personality, (3) Health, physical vigor, emotional stability, (4) Normal intelligence and satisfactory command of English as evidenced by ratings in standards tests.







## BLOOMSBURG PLACES OVER 90% OF ITS GRADUATES

The demand for teachers must be met, and now is your opportunity to prepare in three calendar years (four if you prefer) to enter one of the Nation's most honored professions. Bloomsburg graduates have always been successful in securing employment. A careful survey of graduates from 1931 to 1940 shows that over 92% of those holding Bloomsburg degrees are gainfully employed. Of these, over 77% are engaged in teaching, under good salary conditions which are steadily becoming better throughout the country.

Bloomsburg invites you to consider this employment record, visit the College Campus, and evaluate all that is symbolized in its past and present.

### SPECIAL CLASS FOR MENTALLY RETARDED







## Aeronautics for Teachers

The military plane, with all its speed and power, in addition to being a weapon of war is the forerunner of a peacetime plane which will be many times larger than the largest plane now in existence.

Tomorrow the control of the channels of air commerce will mean the control of the world.

Within the past five years Aviation has been constantly changing the world in which we live. Distances are no longer reckoned in miles but in hours and minutes. While Air Forces are determining the course of the present war they are weaving the fabric of future peace.

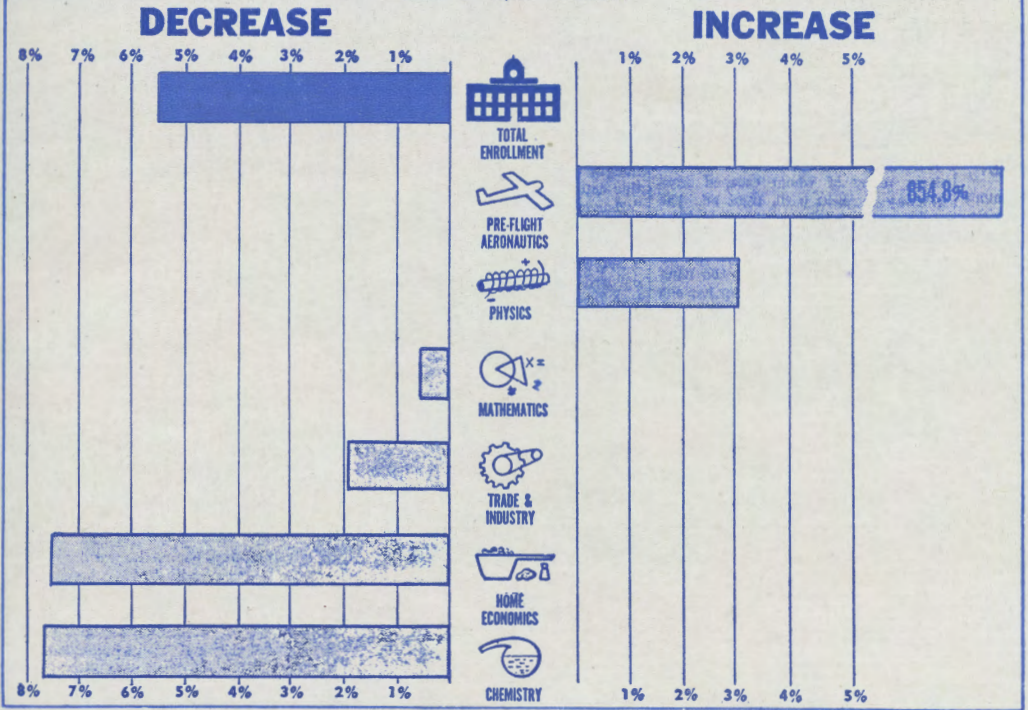
WALLER HALL AND FRONT CAMPUS





# CHANGE IN HIGH SCHOOL ENROLLMENT SINCE 1942 SCHOOL YEAR

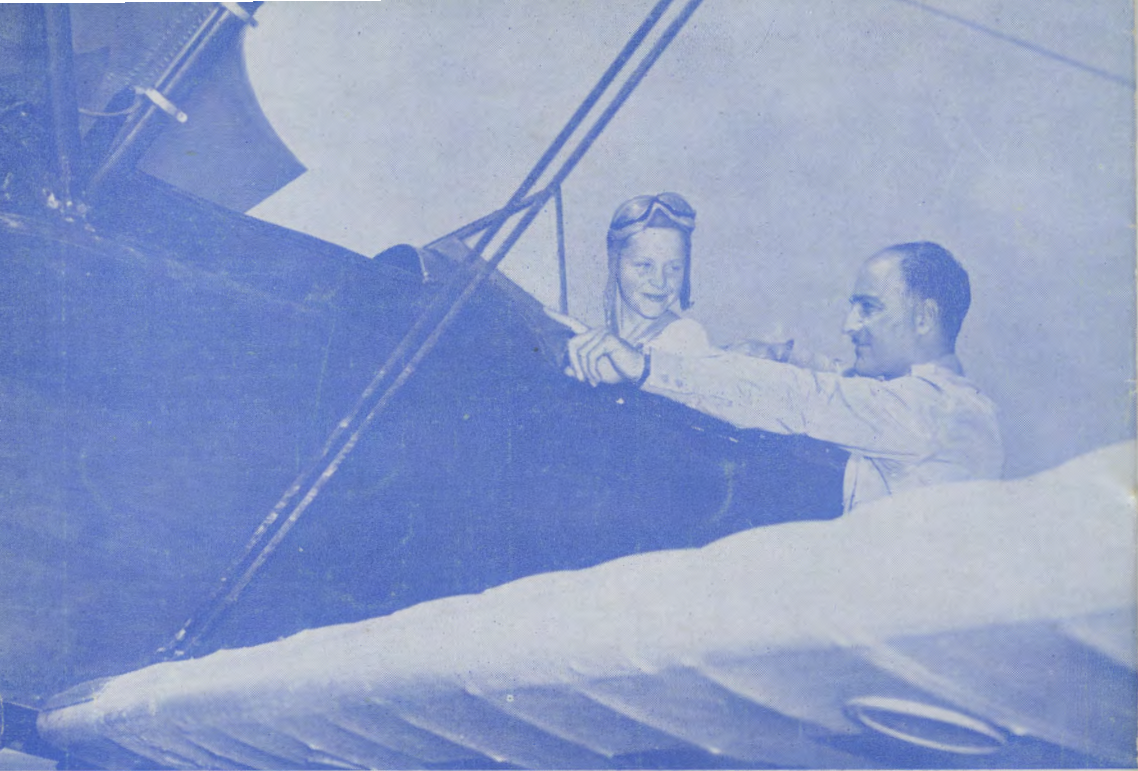
(CITIES OF 10,000 POPULATION)



## High School Instruction in Aviation

All of these phases of aviation will create a world which, if not understood by the future youth of America, would be a bewildering place in which to live. It is our belief, therefore, that the future citizens of this nation should, in their high school curriculum, receive some work in the field of aeronautics, not that they will all become pilots, although a great many more people will fly in the future than in the past, but because to live completely in the Air Age, it must be understood. This aeronautics instruction in high schools will be most helpful to many persons who, although not directly in aviation, will eventually be employed in related fields. For instance there will be the construction and maintenance of aircraft, radio with its many phases of operation, Meteorology, etc. The field is almost limitless in its specific aspects, and the youth of tomorrow must be prepared to meet the growing demands.





## .... And a Child shall fly them

The picture above appeared in the New York Herald Tribune on August 6, 1944, and the October, 1944, issue of "Aviation" magazine. It shows Billy Sewell, 14-year-young "infant" of high school group, who participated in Bloomsburg State Teachers College aviation laboratory program by traveling from Maine to satisfy his obsession to fly. And he came through course with highest rating in flight phase. Shown just before takeoff in "Fleet" young Sewell is briefed by Andrew Boyajian, Aircraft Services Consolidated's chief flight instructor. Sewell's dad is in Merchant Marine. Boy's aim is to be aircraft design engineer.

