



LOWRY FIELD HANDBOOK



The Army Air Forces Technical Training Command

DENVER, COLORADO

Name

SERIAL NUMBER

PLATOON

COMPANY

BATTALION

REGIMENT

COMPANY COMMANDER

BATTALION COMMANDER

REGIMENTAL COMMANDER

COMMANDING GENERAL

Welcome

IN WELCOMING YOU to Lowry Field the most important advice I can give you is "be a real soldier; work hard and study hard!" That is our credo and we expect you to observe it. As a station of the Army Air Forces Technical Training Command, our mission is to turn out the world's finest bombardment aircraft armorers, bombsight maintenance mechanics, C-1 pilot technicians, power operated turret mechanics, central fire control technicians, cannon technicians, photography laboratory technicians, aerial photo topographers, photographic officer pilots, cooks, bakers, and meat cutters.

We have the necessary physical equipment and competent instructors. Your job, individually, is to strive toward the goal of being the best in your respective field. It means hard work and serious study. But when you enter a combat zone or theatre of operations, you will find yourself an important part in the final victory we must attain.

ALBERT L. SNEED
Brigadier General, AUS
Commanding

Post Headquarters Building





Major General Walter R. Weaver
 Commanding General
 Army Air Forces Technical
 Training Command



Major General John F. Curry
 Commanding General
 4th District, Army Air Forces
 Technical Training Command

Brigadier General Albert L. Sneed
 Commanding General
 Lowry Field, Colorado



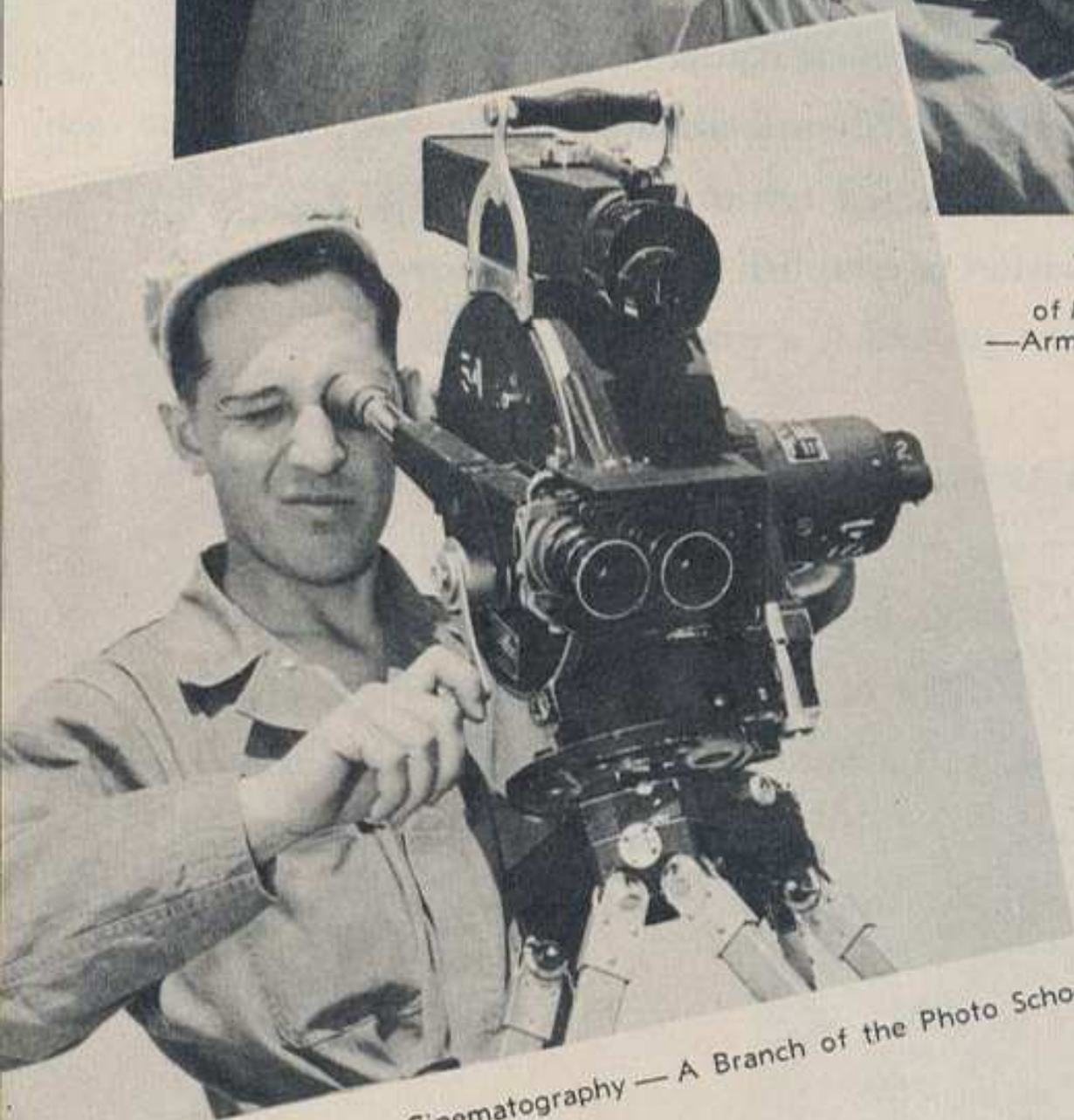
H*istory*

LOWRY FIELD is old, as Air Forces fields are rated, having been established in 1937. The original site, acquired by the city and county of Denver and donated to the government, included 17 buildings of the Agnes Phipps Memorial Sanitarium, with 960 acres of land for an auxiliary landing field, and 64,000 acres for a bombing range, about 20 miles east of the field proper. The favorable year-round climate and the ready availability of the varied terrain were influential factors in the decision to establish the field at Denver and the results have proved it a wise choice.

Although Lowry Field is large, it has not sacrificed quality for the sake of quantity: every man who graduates from one of the technical schools is well trained and highly skilled in his particular duty—be it photography, aircraft armament, or cooking. The courses of study are carefully outlined so that the students learn the subject thoroughly and yet waste no time.



Assembly and
Disassembly
of Machine Guns
—Armament School



Cinematography — A Branch of the Photo School

Student Days

Life as a student in one of the schools is not likely to remind one of his old college days. The day consists of hours in the classes, field work, calisthenics and military training. Students have one day off each week, but these days are staggered among the various classes to prevent week-end congestion in downtown Denver, as well as to assure maximum use of all equipment and classrooms.

While the class schedule may seem arduous, it has not proved too heavy. Since actual equipment is used for demonstration purposes the students learn rapidly. It takes only eight weeks, for instance, to train maintenance men for the power-operated gun turrets.

Primarily Lowry Field trains two types of Air Forces technicians — photographers and aircraft armorers. However, armament has several branches and two of them are sufficiently important to justify separate schools: bombsight maintenance and power-operated gun turrets. Lowry also has schools of photography, cinematography, and an important one which trains cooks, bakers, and butchers for Air Forces mess units.

Photography

The photography school, probably Lowry's best known branch, trains men as laboratory technicians and prepares them for training as aerial photographers. The first phase consists of basic laboratory work — developing and processing film — and theory. After that period the students study camera repair or advanced laboratory work, depending on the type of ability

they have demonstrated. The advanced "lab" includes learning to develop film under adverse climatic conditions such as may be encountered in combat zones.

The new photography courses, which is attended by both officers and enlisted men, is an advanced school involving learning to compile maps and charts from aerial photographs — a highly important function in the war of the air.

Maintenance of the widely publicized bombsights is taught in another Lowry School, where the soldier-students learn the job of keeping these extremely complicated and effective instruments in top condition for their deadly function of guiding American bombs to their proper destination.

Conditioning

Every technician must first be a soldier. This opinion, backed up by that of other high-ranking officers in the fighting zones, resulted this year in a greater emphasis upon physical conditioning throughout the Technical Training Command.

The men who are to "keep 'em flying" at America's air bases over the globe must not only know their planes, but they must be in condition physically to withstand the rigors of unfamiliar climates and crude living conditions — and what is more important, they must be able to defend themselves in the event of an attack upon their base.

Physical Training

To this end, the time devoted each day to physical exercise was increased from one hour to two, and the program of exercises was reorganized to build up all the muscles of the soldier's body. Lowry's famous obstacle course even includes "the good



Physical Training Keeps the Boys in Condition

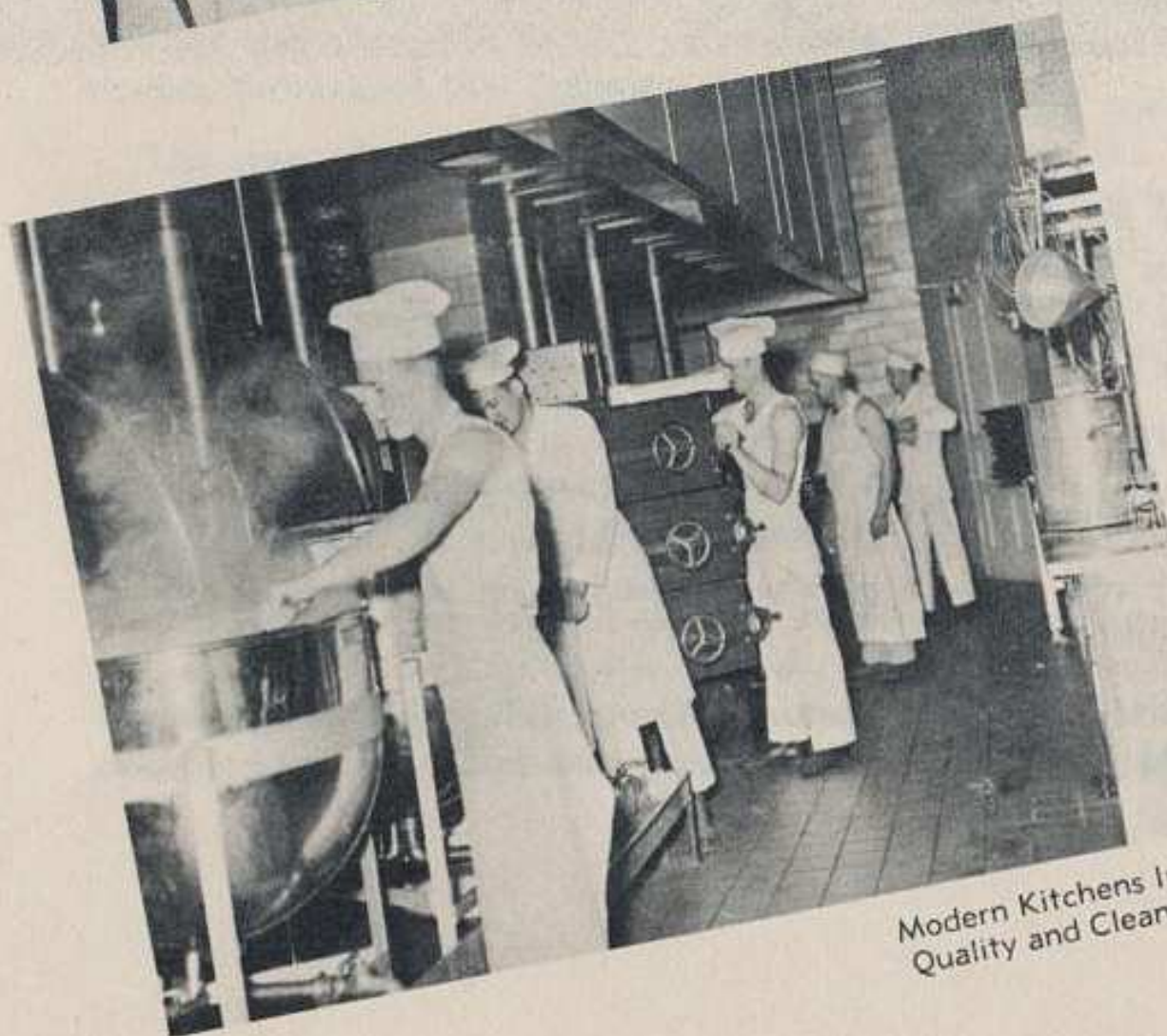
ship S.S. Lowry Field", a wooden replica of a ship's side, down which the students climb on a 30-foot rope as part of their daily workout — so that should the day come when they have to "abandon ship" they will know how to do it.

The importance of proper use of the gas mask is also stressed in simulated gas attacks. Genuine tear gas is used, so if the soldier's mask is not fastened correctly, he gets a painfully real example of what might happen to him in a similar condition overseas.

Every man who graduates from a technical school at Lowry Field is not only a skilled technician, but a hardened soldier.



Bakers Prepare Tasty Pastries



Modern Kitchens Insure
Quality and Cleanliness

Cooks and Bakers

The Cooks and Bakers school is not concerned directly with airplanes, but to the Army nothing is more important than good food; and the white-clad boys whose classes are in the kitchen are respected as highly as any other soldier at Lowry Field. After one month as students, these men graduate either as First Cooks or Second Cooks, depending on their grades, and most of them are assigned immediately to duty at one of the far-flung fields of the Air Forces.

Power Turrets

The turrets in America's giant bombers — those dome or ball-shaped plexiglass-covered protuberances which contain twin machine guns that keep enemy fighter planes at a safe distance while the bomber proceeds on its mission. Located at the top, bottom, and tail of a plane, the turrets, with the nose and waist guns provide the bombers with deadly offensive armament protection against attack from every possible angle.

Training men to maintain these turrets is the job of another important Lowry Field technical school. These soldiers not only learn to repair any kind of damage to the turret or its delicate computing sight, but will be prepared to take the place of the gunner in the turret in the event of an emergency.



Aircraft Armament

The biggest of Lowry's technical schools is Aircraft Armament, where the students learn through study and practical experience how to maintain and operate all parts of a plane's armament.

Their first work in this course is intensive work on machine guns and cannon — learning to dismantle, repair, and operate all types of these guns in general use. Next comes electricity, as it pertains to explosives and ammunition; then work on the bomb racks, which must operate with the greatest precision if a bombing raid is to succeed.

Field exercises involve practice in pistol and skeet shooting and maintenance of the calibre .30 carbine and the Colt .45 automatic pistol. Then follows study of the four most common types of power operated gun turrets and the standard computing sight which is a part of the turret.

P*hysical Features of the Field*

Easily the most outstanding buildings at Lowry Field are the two large hangars, where planes of the Army Air Forces are housed, repaired, and serviced. Designated as hangars No. 1 and No. 2, the huge structures contain many offices, store rooms and other facilities, in addition to space for a large number of ships.

One of the largest and most beautiful Army barracks in the nation is the four-storied yellow brick building near the hangar area which houses more than 2,000 men and contains a mess hall, the post library, and numerous recreation rooms and offices in addition to sleeping bays. Virtually all the soldiers permanently assigned to the field live here.

The twin modernistic buildings facing each other north of the hangars are the armament school building and the school headquarters and photo school building. The surrounding smaller hangar type class buildings contain turrets, guns, and other equipment studied in the technical schools.

The big flagpole marks the post headquarters, in which is located the office of the Commanding General and other important administrative offices.

The two huge areas of wooden buildings composing the rest of the field — irreverently called "Splinter City" by the soldier inhabitants — consists largely of regulation Army barracks, but include also the station hospital, dental clinic, the service clubs, post exchanges, and various squadron and group headquarters buildings. Here, also, is located the huge 6,000-man mess hall.

Most of Lowry's space, naturally, consists of runways and landing and take-off strips, which can accommodate the largest airplanes in the world. The entire operations area is grassed, thus cutting to a minimum the dust hazard. The roar of motors may be heard at almost any hour, as its modern facilities make Lowry a widely-used center for night flying in this region.



A Modern Complete Post Library

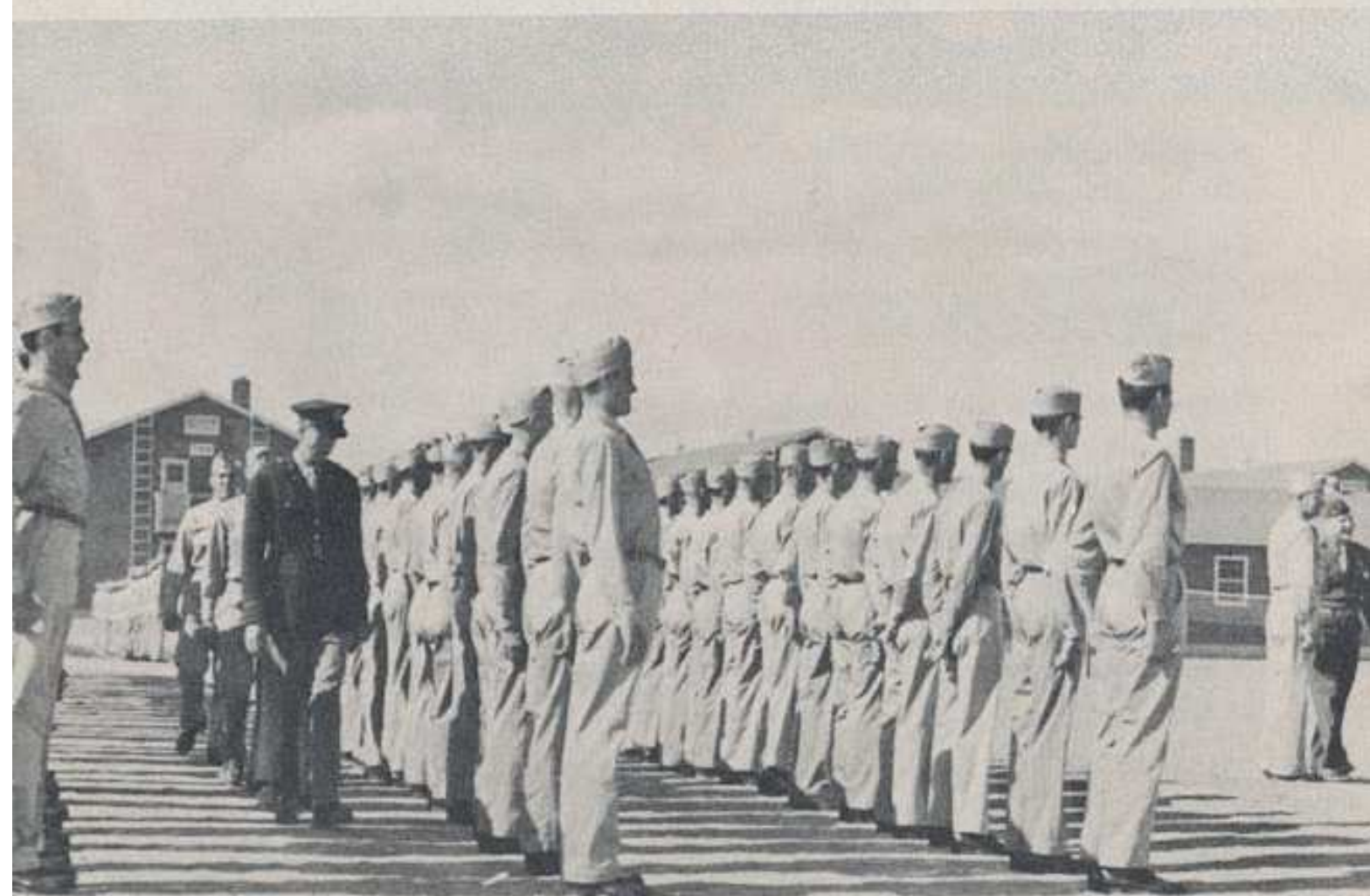
Recreation

Recreation has not been neglected by the Technical Training Command. Not only does the city of Denver provide a wide variety of entertainment facilities for the soldiers, but on Lowry Field itself may be found a surprising number of places where the men may relax off duty. Each squadron has its "day room", some larger units having as many as four. Here are comfortable chairs, card tables and games, radios, and a supply of popular magazines.

Visitors

Relatives and friends of military personnel who may come to Lowry Field are required to stop at the Identification Bureau, 6th Avenue Gate. Here the soldier — relative or friend is contacted who comes to the Pass Bureau to identify them. If the visitors have proper identification, viz. marriage licenses, social security card, etc., they are admitted to the Service Club, where they must remain in company of the soldier. After the visit is completed the soldier accompanies his visitors back to the Gate where the pass is turned in.

A Squadron Inspection



Miscellaneous

Information regarding laundry and dry cleaning, mail service and deliveries, and sick call may be obtained at the soldier's orderly room. Other data concerning long distance phone calls, free entertainments, invitations, may be had by contacting one of the Service Club hostesses.

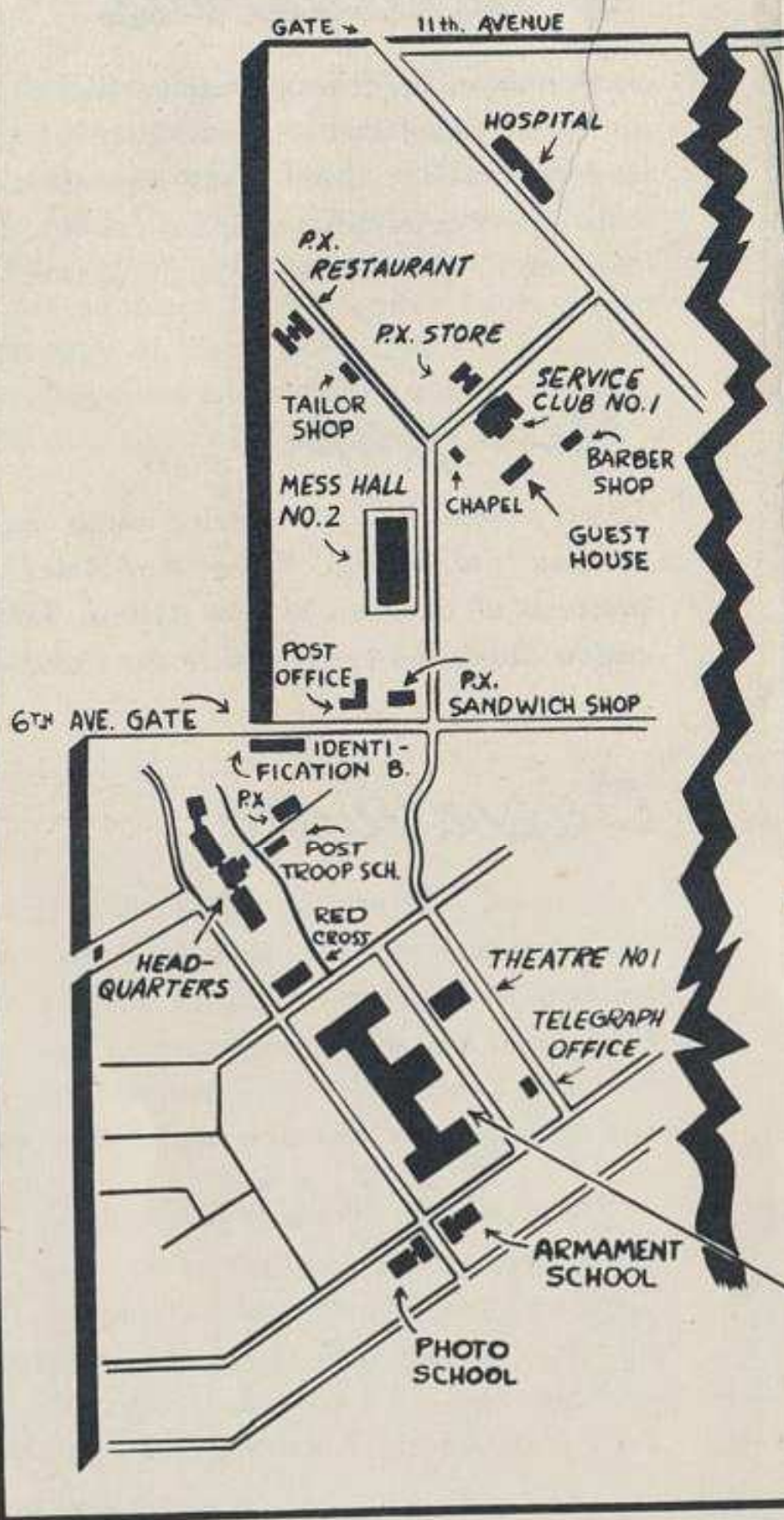
Newspaper

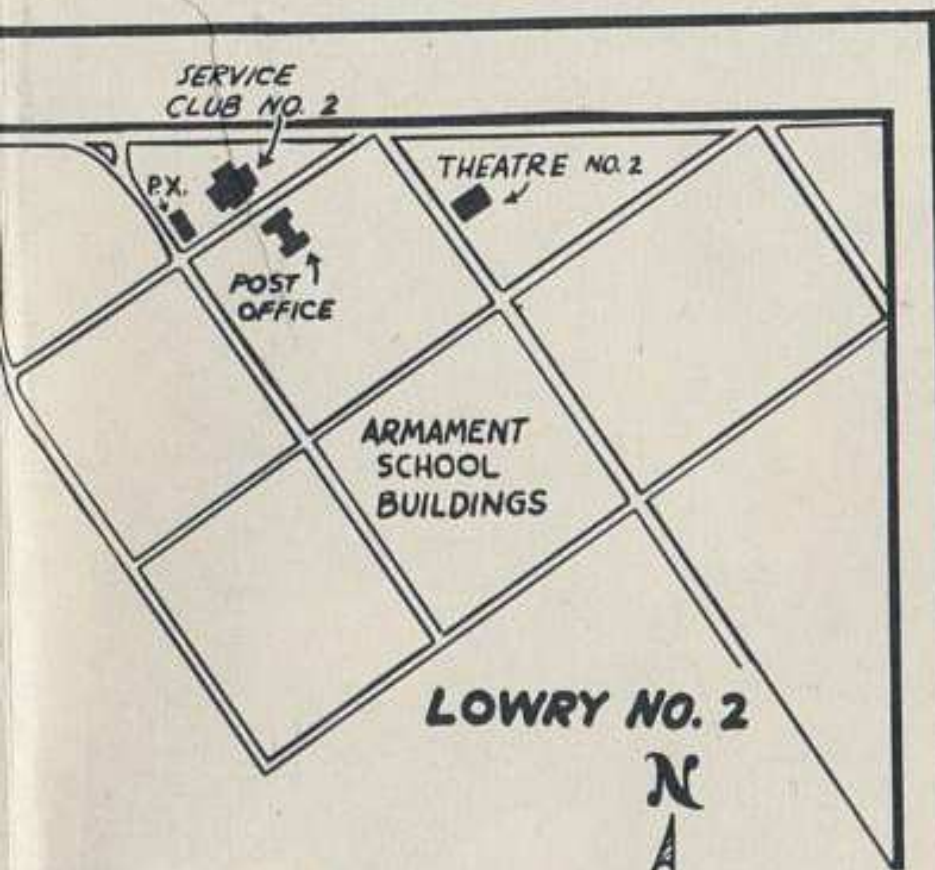
Lowry Field has no official camp newspaper but a weekly civilian publication, "The Rev-Meter", is published in the interests of the men of this station. Editorial matter for publication should be submitted to the Public Relations Officer.

Opportunity

Ambitious, efficient, qualified soldiers have every opportunity for advancement. Any man who has completed his full basic training and has been in the Service for a period of ninety (90) days, has the opportunity to apply for Officer Candidate School. A board of experienced officers sits at Lowry Field and is constantly endeavoring to find qualified men for O.C.S.

Likewise, the Aviation Cadet Board is on the lookout for men interested in Air Crew Training. This training is open to those between the ages of seventeen (17) and twenty-six (26) who can successfully pass the physical examination and a screening test. A quota is chosen each week to go on to the Technical Officers Aviation Cadet Training School.





LOWRY FIELD

DENVER, COLO.



BRICK BARRACKS -
POST LIBRARY 4TH. FLOOR,
BARBER AND TAILOR
SHOPS IN BASEMENT -
MESS HALL ON FIRST
FLOOR -

S





Post Exchange

Post exchange facilities are available at both Lowry Field No. 1 and No. 2 from 8:30 a. m. to 6 p. m. daily, except Sunday. On Sunday the Main PX at Lowry No. 1 and the PX at No. 2 are open from 9 a. m. to 1 p. m.

Thumbing Rides Forbidden

"All Army personnel are forbidden to solicit free automobile rides by thumbing or other means of signalling to the occupants of passing motor vehicles." Service men may accept a ride if it is offered voluntarily.

Worship

Complete facilities for all types of worship are available. Six post chapels are used for worship, and copies of all religious services are posted on all squadron bulletin boards.

Insurance and Bonds

The purchase of War Bonds and War Stamps, as well as \$10,000 Government Insurance, is urged by the War Department. Squadron orderly rooms can assist you in making the payroll deductions for either or both.



"Gray Ladies" — Volunteers All
Read to Convalescent Soldiers



Vehicles

Automobiles of army personnel must be parked outside the field unless they have a Lowry Field auto tag, procured from the office of the Provost Marshal.

Red Cross

The services of the American Red Cross are available to Lowry Field personnel 24 hours a day, every day in the week. Proud of its slogan, "We Never Close", the Red Cross has a competent staff who are willing to assist with your problems. Main headquarters are in building No. 259 and a branch office is located in building No. 859 at Lowry No. 2.

Post Office

Main post office on Lowry No. 1 (building 475) is on 6th Avenue, just beyond the 6th Avenue Gate, adjacent to Mess No. 2.

In corresponding with your families and friends, be sure to give them the correct designation of your school squadron. THIS WILL FACILITATE THE RECEIPT OF YOUR MAIL.



One of the Modern Post Theaters

War Department Theaters

Lowry No. 1 — Building 353. Daily Schedule

Week Days.....1030 - 1400 - 1800 - 2000

Sundays1300 - 1800 - 2000

Lowry No. 2 — Building 900. Daily Schedule

Week Days1200 - 1700 - 1900

Sundays1400 - 1700 - 1900

Station Hospital

Main Station Hospital, Lowry No. 1 (building 563) is in the vicinity of Service Club No. 1 and near the 11th Avenue Gate.

Service Clubs

Building No. 483 on Lowry Field No. 1 — Houses the Service Club facilities for enlisted men. It includes Cafeteria, Library, Guest House, and long distance telephone booths with trained operators in charge

Building No. 865 on Lowry Field No. 2 — Houses the Service Club facilities for enlisted men, including Cafeteria, Library and long distance telephone booths with trained operators in charge.

Army Emergency Relief

Offices of the Army Emergency Relief are located in the Post Headquarters Building No. 256, Room 491.

Location and Transportation

Lowry Field may be reached by boarding an eastbound No. 14 street car on 15th Street or Colfax Avenue, proceeding to the

end of the line, then transferring to a Lowry Field Bus. Taxi service is also available from the downtown area.

Hotel accommodations should be made from ten days to two weeks in advance. In addition the field maintains a guest house for the wives, mothers and relatives of soldiers. Twenty-seven (27) commodious rooms are available at 75 cents the night, but reservations must be made at least one week in advance.



The
Lowry Field
Guest House

Service Men's Centers in Downtown Denver

1. Service Men's Center.....1417 California St.
2. U.S.O. Club.....16th and Lincoln St.
3. U.S.O. Club.....16th and Grant (K. of C. - Catholic)
4. U.S.O. Office.....1417 California St.
5. U.S.O. Club.....1772 Grant St.
6. Service Men's Wives, Army Nurses and Civilian Employees
U.S.O. Club.....1545 Tremont Place
7. NEGRO: U.S.O. Club.....2800 Glenarm
Center2563 Glenarm
8. YMCA.....25 E. 16th Ave.

(Your uniform is your membership card.)

Dental Clinic

A modern, complete, and up-to-date Dental Clinic, located in Building 546, is open from 8 a. m. to 10 p. m. daily except Sunday when duty hours are from 9 a. m. to 12 noon. In addi-



Dental Clinic

tion an emergency doctor is available 24 hours a day to take care of whatever exigencies may arise.

Enlisted men may go directly to the Dental Clinic to arrange for an appointment without the necessity of having to report on "sick call".



Marching to Mess



Interior of Mess No. 2

No unit of the Army Air Forces Technical Training Command exceeds Lowry Field in the extent to which women have replaced soldiers — freeing those soldiers to fight.

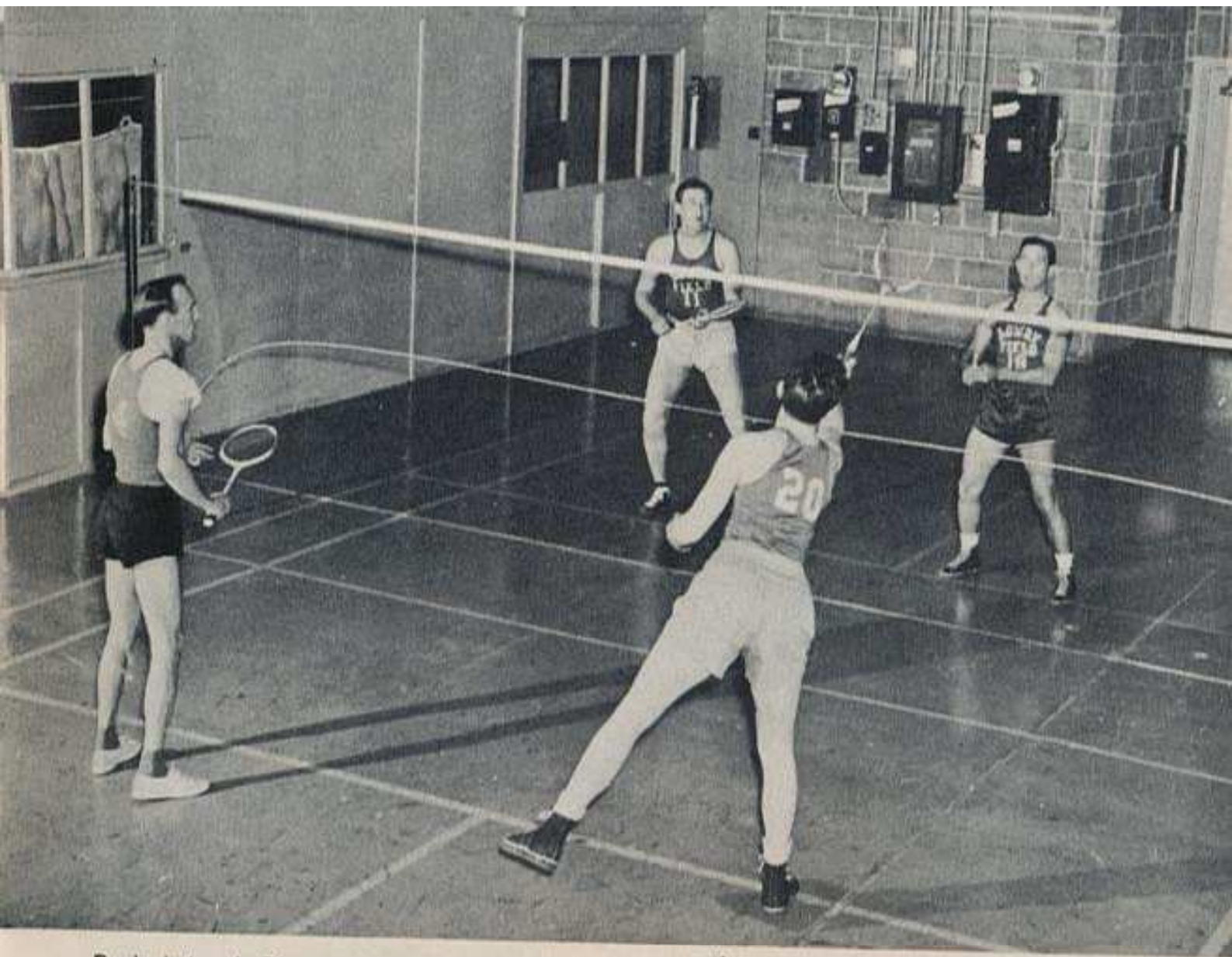
The WAACs at Lowry Field are in the photography school, taking the same difficult course as the male soldiers. Sent here as an experiment, they have made such a good record that they will be replaced with another class of feminine soldiers when they graduate this month.

In the hangars, women work beside men in the skilled task of servicing and repairing ships; and a large majority of the drivers of Army trucks and other vehicles on the field are women.

Quite a few instructors in the technical school classes are women, who completed the courses they are teaching with high grades; and some Lowry Field offices contain as many as eight or ten women to each soldier-clerk.

Gymnasium

Lowry's post gymnasium is available to officers and enlisted personnel from 8:30 a. m. to 9 p. m. daily throughout the week



Badminton is Played at the Post Gymnasium

and on Sundays from 12 noon to 6 p. m. Facilities are there for hand-ball, basket-ball, volley-ball, squash, and boxing; in addition to such equipment as mats, parallel pars, and horizontal bars. The post gymnasium is in building 365.



Post Troop School — Exams Can Be Rough

Horseshoes — For Extra
Mural Sports and Recreation

Modern Brick Barracks



