WAR DEPARTMENT
Office of the Chief of the Air Corps
Washington

Mr. Jack A. Clark, Jr., 224 Union Ave., Delanco, N.J.

Dear Sir:

In reply to your letter of recent date, you are advised that enlistments for the Army Air Corps are made by the Army Recruiting Service for all stations where vacancies exist. Suitably qualified men, citizens of the United States or those who have applied for citizenship, between the ages of eighteen and thirty-five years are eligible, but applicants under twenty-one years of age are required to have the written consent of their parents or guardian. Original enlistments are made for one and three year periods. Men with mechanical training or experience are especially desired. If you wish to serve as an enlisted man in the Air Corps, it is suggested that you communicate with the nearest Army Recruiting Office.

Normally a few enlistments are possible for training in the various trades connected with aviation at the Air Corps Technical School, Chanute Field, Rantoul, Illinois. At present, however, no direct enlistments for this School are being made. It is possible, though, to train a limited number of enlisted men, selected and sent to the School from various Air Corps stations in the continental United States. Upon completion of instruction, normally requiring about six months, enlisted graduates are usually returned to their proper stations for duty with the organization to which assigned. Candidates should have at least a High School education or the equivalent thereof, in order to assimilate this technical training. Air transports are utilized to the fullest possible extent in ferrying the limited number of enlisted students to and from the Technical School.

Army pilot training is given only at the Air Corps Training Center at San Antonio, Texas, to candidates who qualify and receive appointments as flying cadets. Applicants for this appointment must be unmarried male citizens of the United States (first papers not sufficient) between the ages of twenty and twenty-six years, inclusive, and must possess two or more years of college work or be able to pass a written examination in lieu thereof. At present the majority of the qualified men receiving appointment are college graduates. If eligible, additional data may be secured upon request to this office.

P.S. Effective Meb. 1, 1935, original enlistments, except for overseas service, were discontinued by the War Department.

Very truly yours,

ARNOLD N. KROGSTAD, Lieut. Colonel, Air Corps, Chief, Personnel Division.

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# FLYING CADETS

OF THE

# ARMY AIR CORPS

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Aviation as a Career



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON: 1932

FLYING CADETS

OF THE

ARMY AIR CORPS

Aviation as a Career

PREPARED UNDER DIRECTION OF THE ADJUTANT GENERAL OF THE ARMY WASHINGTON, D. C.



UNITED STATES
GOVERNMENT PRINTING OFFICE

# AVIATION AS A CAREER

Aviation presents a fascinating career to the young man of good education, sound health, and keen spirits. The tremendous development in aircraft since the World War has done much to place aviation on a safe and efficient basis. The great advance in the art of flying is strikingly shown by the successful trans-Atlantic, trans-Pacific, Pan American, and world flights.

The air mail represents another demonstration of the practical utility of aviation. Begun by the United States Post Office Department as an experiment it achieved a remarkable success and in the summer of 1927 was turned over to private contractors. Besides the existing air mail lines, new lines are continually being established and this branch of aviation alone requires the services of a considerable number of pilots, engineers and technical personnel.

The Regular Army Air Corps offers a splendid career for those whose inclination is toward military aviation. The expansion of the Air Corps provided for by law requires a large number of new officers. Ordinarily, graduate flying cadets who possess the necessary qualifications have an excellent chance of commission in the Regular Army Air Corps when vacancies are available. At the present time, however, only graduates of the United States Military Academy at West Point are being commissioned in the Regular Army, and it is not known when vacancies for other candidates will become available.

In addition to the operative services such as the air mail, the Regular Army Air Corps, and aerial

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transportation lines, the manufacturing and engineering phase of aviation will continue to demand the best available men. The building of airplanes and accessories requires the services of a number of competent designers, test pilots, and the like, as there is a special demand for men who, in addition to their engineering qualification, are also competent pilots.

# FLYING INSTRUCTION

To meet the demands for military pilots, the Air Corps maintains flying schools known as the Air Corps Training Center, where training in piloting heavierthan-air craft is given at Government expense. The course of instruction normally requires ene years

For the first eight months, instruction is given at the Primary Flying School located at Randolph Field, near San Antonio, Tex. Courses normally start on October 15, March 1, and July 1 of each year. The primary flying training consists of approximately 152 hours in the air, during which time the student receives instruction in all maneuvers necessary to pilot military airplanes. Besides the time in the air, students are instructed in airplane engines, navigation, machine guns, and other academic subjects necessary for a military pilot

For the remaining four months of the course, which is given at the Advanced Flying School, Kelly Field, Tex., special training is given in pursuit, bombardment, attack, and observation aviation. The advanced flying training consists of approximately 113 hours in the air and academic subjects necessary for a military pilot. The second year is should additional training with a tactical

Individuals who are accepted for flying training in the Air Corps are appointed "flying cadets." This grade in the Air Corps was created by the act of Congress approved July 11, 1919. Flying cadets have special uniforms differing from those worn by officers and by enlisted men and are quartered in separate barracks provided for that purpose. The social and military privileges of a potential officer are extended to flying cadets. The flying cadets of the Air Corps constitute a body of young men who are noted for their splendid character and excellent discipline.

Candidates for appointment as flying cadets must be unmarried male citizens of the United States who, at time of application, have reached the age of 20 and who have not reached their twenty-eighth birthday. No qualified candidate will be selected from the eligible list for appointment as a flying cadet who has reached his twenty-ninth birthday. An applicant must present a certified document from the office of the registrar of a recognized college or university showing that he has completed satisfactorily one-half or more of the necessary credits leading to a degree which normally requires four years' work, or must pass an examination which is the equivalent thereof. Applicants must be of excellent character and present evidence of that fact. They must be of sound physique and in excellent health.

Applicants who have been rated airplane pilots in the Army or who have received a similar rating in the Navy, Marine Corps, or Coast Guard, or who have completed satisfactorily the flying course in the Army, Navy, Marine Corps, or Coast Guard will not be appointed flying cadets. Applicants who have been eliminated from further flying training in the Army, Navy, Marine Corps, or Coast Guard, due to deficiencies in flying, will not be appointed flying cadets.

Normally, a large waiting list of qualified candidates is available and it has been found necessary to prescribe the following priority in the selection of candidates:

- (1) Enlisted men of the Air Corps of the Regular Army who at time of appointment have served at least six months.
- (2) Other enlisted men of the Regular Army who at time of appointment have served at least six months.
- (3) Officers and enlisted men of the National Guard who at time of appointment have been assigned to Air Corps units for at least six months.
- (4) College graduates who are graduates of Air Corps Reserve Officers' Training Corps units.
- (5) College graduates who are graduates of Reserve Officers' Training Corps units of other arms or services.
- (6) Graduates of recognized colleges and universities.
- (7) Other officers and enlisted men of the National Guard who at time of appointment have at least six months' service.
- (8) Students in Air Corps Reserve Officers'
  Training Corps units who have completed
  their junior year.
- (9) Reserve officers and members of Enlisted Reserve Corps who at time of appointment have served at least six months.
- (10) Students in good standing of recognized universities who have completed their sophomore year.
  - (11) Others.

# FORM OF APPLICATION

Upon applying to The Adjutant General, Washington, D. C., the applicant will receive the following

#### REVISED PRIORITY LIST

### [Insert for p. 4]

- (a) 1. Graduates of the United States Military
  Academy, the United States Naval Academy, and the United States Coast Guard
  Academy who apply for appointment as
  flying cadets within one year from date of
  graduation, who fail to receive commissions because of lack of vacancies and are
  recommended for appointment as flying
  cadets by the respective superintendents
  of those academies.
  - Enlisted men of the Air Corps of the Regular Army who at time of appointment have served at least eleven months.
- (b) Other enlisted men of the Regular Army who at time of appointment have served at least eleven months.
- (c) Officers and enlisted men of the National Guard who at time of appointment have been assigned to Air Corps units for at least eleven months and who are favorably recommended by their commanding officers.
- (d) College graduates who are graduates of Air Corps Reserve Officers' Training Corps units.
- (e) College graduates who are graduates of Reserve Officers' Training Corps units of other arms or services.

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- (f) Graduates of recognized colleges and universities.
- (g) Other officers and enlisted men of the National Guard who at time of appointment have had at least eleven months' service.
- (h) Students in Air Corps Reserve Officers' Training Corps Units who have completed their junior year.
- (i) Reserve officers and members of Enlisted
  Reserve Corps who at time of appointment
  have served at least eleven months.
  - (j) Students in good standing of recognized universities who have completed their sophomore year.
- (k) a Others. To abal to sampost anote

NOTE.—The change from six to eleven months as shown in (a) 2, (b), (c), (g), and (t) is effective September 1, 1933, but does not apply to any enlisted man of the Regular Army nor to any officer or enlisted man of the National Guard or Reserve Corps who is a member thereof on August 31, 1933.

documents, which are necessary in submitting his application: Application for appointment and affidavit to accompany it. The application should be filled out carefully, and supporting documents attached to authenticate the applicant's education. Upon receipt of the papers in the War Department, the applicant will be notified as to the date and place of examination.

#### APPLICATION FOR APPOINTMENT

The following is necessary in submitting an application for appointment:

- (1) Fill out application blank in triplicate.
- (2) Execute affidavit in triplicate.
- (3) Provide three letters of recommendation, signed by persons of recognized standing in their community.
- (4) If the necessary college credits are claimed, provide a certificate from the college registrar giving the applicant's record while at college.
- (5) Applicants from the Regular Army, National Guard, or Reserve Officers' Training Corps will forward their applications through military channels to The Adjutant General, Washington, D. C.
- (6) Civilian applicants will mail their applications directly to The Adjutant General, Washington, D. C.

## PAY AND ALLOWANCES

The base pay of a flying cadet is \$75 per month. His ration allowance is \$1 per day, which is sufficient to maintain a first-class cadet mess.

Uniforms and equipment are furnished without cost to flying cadets, a clothing allowance being credited to each flying cadet upon reporting to duty. Trans-

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portation is furnished to flying cadets from the place of enlistment to the flying schools, and from the flying schools to the place of enlistment, at Government expense.

### THE AIR CORPS FLYING SCHOOLS

The Air Corps Training Center is composed of flying schools which, without doubt, offer the best course in flying instruction available anywhere in the world. These schools are located in a territory where the climate has been found favorable for year-around flying, thus reducing the amount of time lost by bad weather. The courses of instruction are very thorough and fully cover all the fundamental knowledge needed by military pilots.

As the physical condition of fliers is of primary importance, special attention is paid to the health of flying cadets. Not only is physical exercise a part of the curriculum but facilities are provided for flying cadets to engage in swimming, tennis, and other forms of recreation, and they are encouraged to make the fullest use of these means of keeping in good physical condition.

#### EXAMINATION

When an application is approved by the War Department, the applicant is notified to appear before the examining board nearest to his address. These examining boards must, of necessity, be located at stations where there is a flight surgeon and the special medical equipment required for the physical examination. These examining boards are located at practically all Regular Army Air Corps stations.

The written examinations are held usually on the second Tuesday in April, August, and December, and

other examinations are given at such times as practicable. The examination consists of the following:

#### FIRST, THE PHYSICAL

This examination is to select physically normal applicants and eliminate those with defects or disease which would become aggravated by flying training or which would increase the hazard of such training. All applicants must take the examination.

The physical standard for flying training is higher than that for enlistment in the Regular Army, and the examination itself is somewhat different in that particular attention is given to those factors and functions of greatest importance in flying. In general, physical defects which disqualify for enlistment in the Regular Army also disqualify for flying training. In addition, candidates for appointment as flying cadet must have the following physical, nervous, and mental requirements: Perfect uniocular and binocular vision; unimpaired ocular muscle balance; an unimpaired optical organism, anatomically and mechanically; good respiratory ventilation and vital capacity; good hearing; a stable and balanced equilibrium; a stalwart cardio-vascular system (nervous and organic); a robust, supple, well-formed, well-adjusted and coordinated physique (minimum height, 64 inches); an integrated and stable nervous system in combination with that temperamental constitution which makes for aptitude for flying.

#### SECOND, THE EDUCATIONAL

The educational examination may be omitted if the applicant presents documentary evidence of his graduation from or satisfactory completion of two years' work at a recognized college or university. If such evidence can not be furnished to the examining board, the educational examination will be given. All applicants are required to pay all expenses incident to their appearance before the examining board (for examination), and no claim for reimbursement of expenses incurred prior to enlistment can be considered.

The following is the general scope of the educational examination given those not exempt therefrom:

United States history.

English grammar and composition.

General history.

Geography.

Arithmetic.

Algebra, higher.

Geometry, plane and solid.

Trigonometry, plane and spherical.

Elementary physics.

United States history.—The examination will require a knowledge of prominent persons and events connected with the origin, growth, and government of the United States from the discovery of the American Continent to the present time. The examination will not be concerned with mere annals and dates, but will require an intelligent insight into causes and effects. The scope will be that covered by Muzzey's An American History, or any other recognized textbook of equivalent standard.

English grammar and composition.—The examination will require a good knowledge of reading, spelling, grammar, and composition and ability to express clearly ideas on subjects of common knowledge. The scope will be that covered by Meiklejohn's The English Language (American edition) or any other recognized textbook of equivalent standard.

General history.—The examination will require a knowledge of the important facts in general ancient history, the history of ancient Greece and Rome, the history of medieval Europe, and modern history. The scope will be that covered by Swinton's Outline of the World's History or any other recognized textbook of equivalent standard.

Geography.—The examination will require a general knowledge of the subject with special reference to the United States. The examination will require knowledge of the principal land and water features, of population, and of manufacture; general location of commercial routes, navigable rivers, principal centers of population and manufacture; general location of races, political boundaries, and the natural products of various areas.

Arithmetic.—The examination will require a knowledge of arithmetic as covered by Robinson's New Higher Arithmetic or by any other recognized textbook of equivalent standard.

Algebra.—The examination will require a knowledge of algebra as covered by Wentworth's College Algebra or by any other recognized textbook of equivalent standard.

Geometry.—The examination will require a knowledge of geometry as covered by Wentworth's Plane and Solid Geometry or by any other recognized textbook of equivalent standard.

Trigonometry.—The examination will require a knowledge of trigonometry as covered by Wentworth's New Plane and Spherical Trigonometry or by any other recognized textbook of equivalent standard.

Elementary physics.—The scope of this examination will be that of a high school or preparatory school examination in this subject and will cover only so much of the subject as usually is considered necessary as a general foundation or preparation for beginning one of the scientific courses at recognized colleges or technical schools. The scope of the sub-

ject is that covered by Milliken and Gale's Practical Physics or by any other recognized textbook of equivalent standard.

# COMPLETION OF FLYING TRAINING

Upon successful completion of training, a flying cadet is discharged from the service, is rated an airplane pilot, and given a commission as a second lieutenant, Air Corps Reserve.

Within the limit of appropriations, graduates are then offered active duty with the Air Corps as second lieutenants in the Air Corps Reserve. This duty is generally of about one year's duration. All candidates, however, are required to sign an agreement to serve 3 years, Las a flying cadet and 2 as a second lieutenant, Air Corps Reserve, on active duty, or as a commissioned officer in the Air Corps of the Regular Army, unless sooner relieved by competent authority. While on active duty as Reserve officers, they have the privileges, pay, and allowances of a second lieutenant. Regular Army, which include 50 per cent additional pay while on duty requiring flights. This additional service is invaluable to men who contemplate taking the competitive examination held from time to time to fill such vancancies as may exist in the grade of second lieutenant, Air Corps (Regular Army). All graduates are eligible for this examination and are accorded certain exemptions and priority therein.

As Reserve officers on extended active duty have a temporary Army status only, their marriage while on such duty is not considered advisable. As marriage brings additional expense and responsibility which may adversely affect a Reserve officer's efficiency and flying ability, it will be considered sufficient cause for his relief from extended active duty.

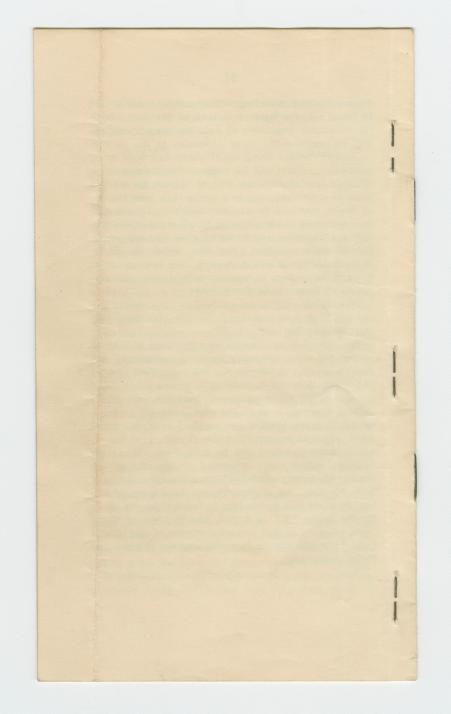
If active duty as a Reserve officer is not practicable, graduate flying cadets are free to return to their

normal civilian pursuits, retaining their commissions in the Air Corps Reserve so long as qualified. With the inevitable expansion of aviation, many positions will be available for these graduates in the various classes of civilian flying noted above and with other companies. They will be assigned to Reserve units in their localities. They will be eligible for assignment to active duty for two weeks each year if they so desire, provided funds are available. During this time they will be permitted to fly all types of aircraft that are available and in which they are competent. During the remainder of the year, within the limits of available funds and equipment, they are permitted to fly at no expense to themselves in Government airplanes at Government flying fields.

This training offers an outstanding opportunity for the young men of America to become identified with this fast-growing activity.

The attention of prospective applicants is invited to the following pertinent facts: Appointments are made according to the priority list, regardless of date of examination and candidates in groups below "F" can not be given any assurance of appointment. Candidates who have been on the eligible list for a period longer than six months are required to undergo another physical examination for flying duty before appointment to school can be authorized. When an applicant whose name is carried on the eligible list reaches his twenty-next birthday, his name is dropped from the list. An applicant's own knowledge of his qualifications will enable him to judge if he can qualify for group "F," or better, and in view of these facts whether or not, with knowledge of the above facts, he would wish to incur the expense of reporting for examination.

If active duty as a Rese of officer is det possible of contract fiving cadets are free to return as 2000.



# WAR DEPARTMENT

OFFICE OF THE CHIEF OF AIR CORPS
WASHINGTON, D. C.

OFFICIAL BUSINESS



PENALTY FOR FRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300

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