

## U. S. 5 YEARS LATE IN ARMY AIR PROGRESS

Corps Lacks Personnel and Equipment, Survey Discloses.

(Continued From Page One)

this system, either because of lack of funds or failure by those in command to realize the importance of such training.

### Navy Force Rated as Best

10. The United States naval air force, while also under strength as to equipment and personnel, is generally rated as the best in the world, and operates with a minimum of friction and internal dissension.

The military air services of the nation represent a large investment. The government spent, directly and indirectly, more than \$1,400,000,000 for military aviation in the period from July 1, 1919, to June 30, 1933. Viewed alone, the figure seems large, but actually it represents only a small proportion of the total bill for military defense.

Tables are published in an adjoining column showing how the army spent \$122,233,850.47 during this period for construction of new heavier-than-air equipment, while the navy was spending \$113,196,867.45 for the same purpose. The army expenditure was larger because the 1926 national defense plan authorized the air corps to have 1,800 planes in 1931 compared to the naval bureau of aeronautics' 1,000 planes. The navy attained this mark but the army still is short of it.

### Air Corps Has 1,199 Planes

The air corps on March 15 had 1,199 airplanes within the territorial limits of the United States. In addition, there were 211 planes in foreign possessions and 139 assigned to the national guard. These guard planes generally are old and nearly obsolete.

The 1,199 planes of the regular army ranged from primary trainers to high-speed, multi-engine bombers. A study of them shows that there were only 445 fighting planes—pursuits, attacks and bombers.

But not all of these planes actually were with tactical units, that is with groups prepared to go immediately to the defense of the nation. Scores were assigned to schools for advanced training of students. Others were used in administrative work and many more were experimental models, either undergoing test or already tested and found not suited for production.

### 60 Per Cent of Planes Available

Thus probably not more than 60 per cent or about 265 of the army's total of fighting planes were available for emergency defense.

Further study shows that most of the fighting planes are relatively slow and inefficient compared to the ships now being built.

### Foulois Drops Hint

But occasionally the military men drop a hint about their new planes. For instance, Major General Benjamin D. Foulois, chief of the air corps, recently told a house committee that the Martin bombers "proposed for purchase with public works administration funds will have a top speed of 207 miles an hour at 4,000 feet." Some of these planes, on a prior order, have been delivered and are now in use.

General Foulois also mentioned two-seater pursuits at 256 miles an hour at 15,000 feet altitude and attack planes at 207 miles an hour.

### Fast Pursuits Available

Major C. W. Howard told another subcommittee that pursuit planes are available today with speeds in excess of 260 miles an hour at about 10,000 feet.

These figures on official records—

### TABLE SHOWS SPEED OF AIR CORPS CRAFT

The following tables provide a break-down of the high speed characteristics of the Air Corps' three types of fighting planes as of March 15:

PURSUIT	
Single models, mainly experimental or under test	13
High speed of less than 170 m. p. h.	24
High speed from 170 to 190 m. p. h.	130
High speed over 190 m. p. h.	64
Total	291
BOMBARDMENT	
Single models	6
High speed of less than 120 m. p. h.	21
High speed from 120 to 140 m. p. h.	63
High speed more than 140 m. p. h.	11
Total	101
ATTACK	
Single models	4
High speed less than 150 m. p. h.	38
High speed more than 150 m. p. h.	51
Total	93
SUMMARY	
Pursuits over 190 m. p. h.	84
Bombardment over 180 m. p. h.	11
Attacks over 150 m. p. h.	51
Total	146

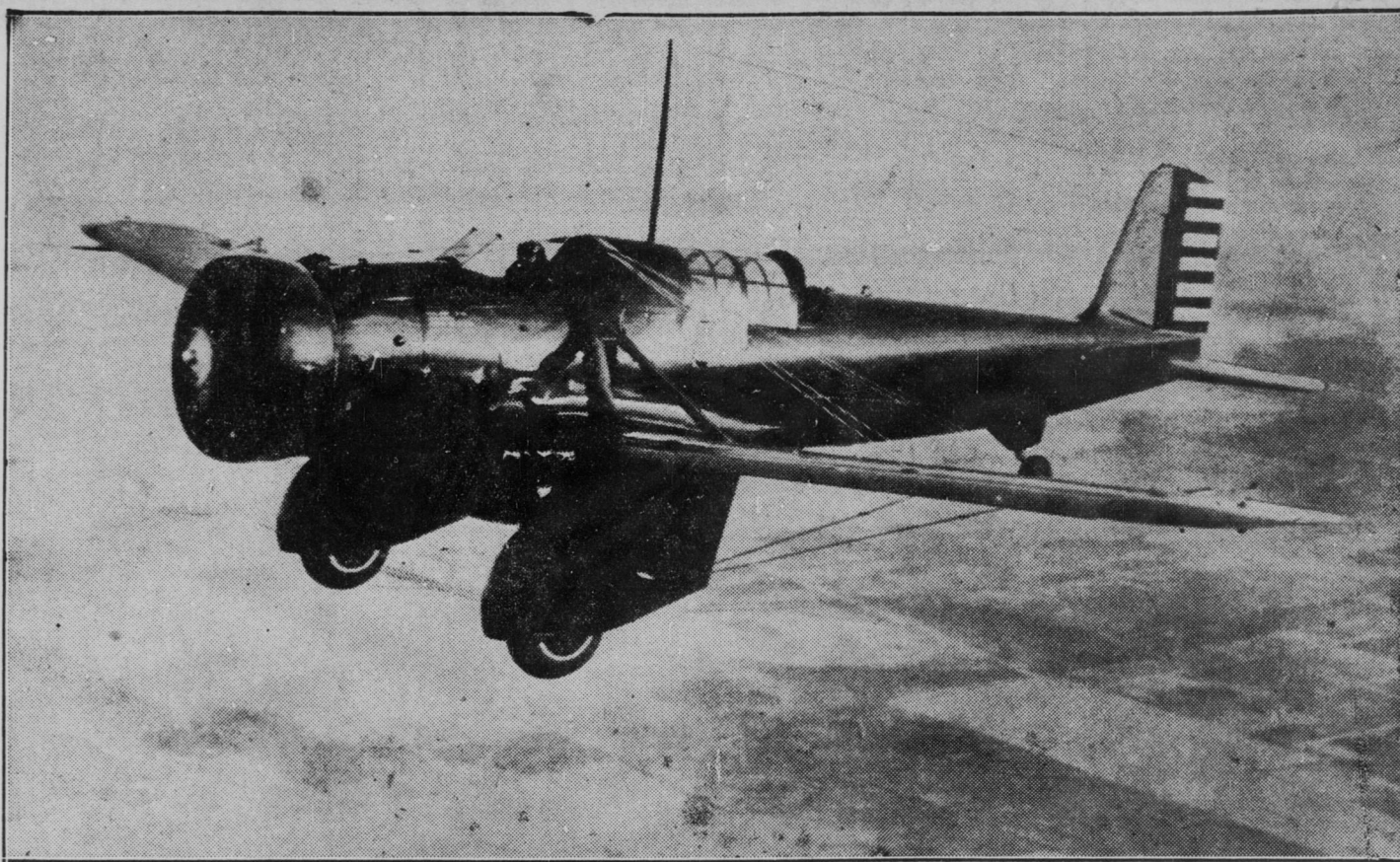
## Fight Tooth Decay with this New Source of Vitamin "D"

### "ORBIT"

#### VITAMIN "D" GUM

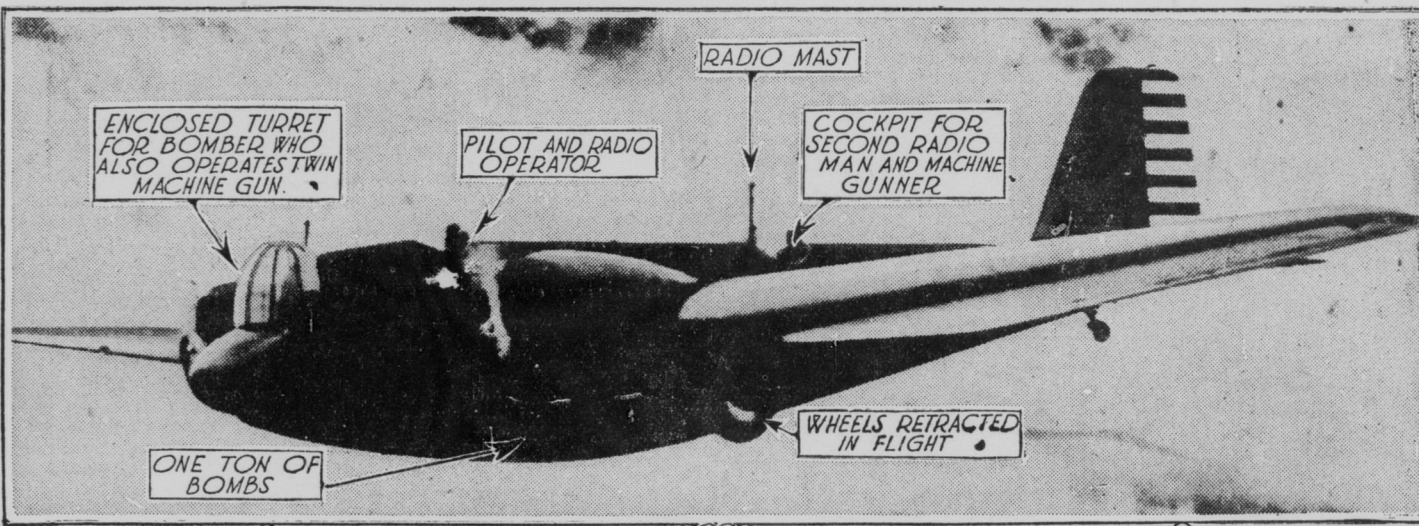
Few Foods contain Vitamin "D" which Everybody Needs for Sound Teeth, Good Appetite and Calm Nerves. ORBIT GUM is Rich in Vitamin "D". Ask for it by name.

## ONE OF ARMY'S 51 ATTACK PLANES FASTER THAN 180 MILES AN HOUR



This Curtiss A-12 is one of the fifty-one air corps planes with a speed in excess of 180 miles an hour. The other forty-two go much slower. This plane often is called "the flying fortress" because it has five machine guns and a bomb tucked under its fuselage. It is built entirely of metal, including the covering of the wings and fuselage, and is powered by a 700-horsepower Wright Cyclone engine. The army recently ordered forty-six of these planes.

## 48 OF THESE PLANES ORDERED, MAKING ARMY'S TOTAL IN CLASS ONLY 59



This Martin Bomber is known as the best bombardment plane in the world. The air corps now is obtaining delivery of forty-eight of them. Powered by two 700-horsepower Wright Cyclone engines, it has a top speed in excess of 200 miles an hour.

## Cost of U. S. Air Forces

The following tables, compiled from official governmental records, show the direct and indirect cost of the army air corps and the navy bureau of aeronautics by fiscal years. The first column in each table lists the total cost and the second column the amount expended each year for construction of new equipment. The 1926 national defense plan was based on 1,800 planes for the army and 1,000 for the navy:

ARMY		NAVY	
Total.	New Equipment.	Total.	New Equipment.
1920.....\$60,339,224.09	\$3,487,363.70	1920.....\$48,373,884.90	\$4,616,257.59
1921.....62,147,200.20	7,442,190.39	1921.....39,816,812.90	4,330,822.40
1922.....47,946,218.37	5,328,376.73	1922.....36,548,963.05	5,380,345.00
1923.....36,344,298.33	3,007,833.87	1923.....35,347,962.74	6,157,393.69
1924.....40,665,524.55	2,007,849.95	1924.....37,827,381.21	5,852,976.76
1925.....40,097,138.30	4,625,494.28	1925.....42,033,865.97	4,923,335.59
1926.....45,860,770.89	6,980,027.52	1926.....42,380,897.63	5,270,363.54
1927.....43,268,164.02	7,751,069.15	1927.....42,282,225.42	9,004,907.95
1928.....53,512,756.86	10,134,076.75	1928.....44,143,300.47	8,488,332.29
1929.....59,264,846.46	13,480,220.35	1929.....50,246,735.88	16,385,472.19
1930.....70,668,834.27	16,254,647.97	1930.....50,157,253.13	14,244,394.65
1931.....75,514,133.44	17,520,865.26	1931.....57,410,976.32	12,160,032.01
1932.....76,808,700.83	15,429,704.50	1932.....51,521,979.11	8,728,461.79
1933.....95,136,236.55	7,704,774.53	1933.....52,716,113.70	7,195,963.00
Total.....\$776,297,066.67	\$122,233,850.47	Total.....\$656,789,553.83	\$113,196,867.45

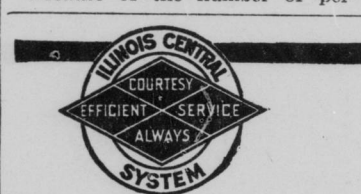
Note—The navy total includes almost \$8,000,000 for rigid airships and about \$90,000,000 for the aircraft carriers Ranger, Saratoga and Lexington, together with their equipment and gears, and payments for ordnance, engineering, construction, repair, naval reserve, maintenance, medical department and more than \$15,000,000 for public works by the bureau of yards and docks.

The total cost of the air corps includes more than \$135,000,000 issues from war reserve, and expenditures by signal corps, medical department, ordnance department, quartermaster corps, chemical warfare, engineers, organized reserves, militia bureau and contingent expenses of the war department.

## 2 SERGEANTS DETAILED TO STRAY DOG ROUNDUP

Officers Will Aid Humane Society in Drive.

Dog catching began in earnest this week with the detailing of two police sergeants to the duty of aiding the Indianapolis Humane Society in rounding up stray dogs.



## Consider the Railroads —for Service

Railroads must be considered as investors, as employers, as purchasers and as taxpayers, but their chief claim to the consideration of the public is on account of the service they perform.

The settlement and development of this part of the country, the rise of its cities, the expansion of agriculture, the growth of industry and the flow of trade have all followed the improvements that have been wrought in railway transportation.

Railroads are also of continuing importance. Their rails are the arteries of commerce. Their service sustains the life of business. They meet the needs of massed population for massed transportation.

We in this country need railroads—railroads that are alert to their important responsibilities as carriers of the nation's business.

Constructive criticism and suggestions are invited.

L. A. DOWNS  
President  
Illinois Central System

PATRONAGE  
HELPS THE  
RAILROADS  
SERVE YOU

## JOHN SAULTER RITES ARE SET FOR TOMORROW

Body to Lie in State at Scottish Cathedral Before Service.

Funeral services for John Theron Sauter, 2008 North Alabama street, will be held in the Scottish Rite Cathedral at 2:30 tomorrow.

The body will lie in state from 12:30 to 2:30, with a guard of honor from the DeMolay commandery, Knights Templar.

Burial will be in Crown Hill with services at the grave in charge of Oriental Lodge 500, F. & A. M. Mr. Sauter died Friday night on a train en route to Indianapolis from Syracuse, N. Y., where he had served as an arbitrator in a newspaper labor controversy. He was engaged in the investment securities business, with offices in the Hume-Mansur building.

### Leonard Baumann Rites

Body of Leonard C. Baumann, 39, Flint, Mich., former Indianapolis resident, who was drowned in Lake Van Etan, Mich., last November, was recovered yesterday and will be brought here for funeral services.

Mr. Baumann is survived by his mother, Mrs. Ada Krueger, and two sisters, Mrs. Ruth Wiegels and Mrs. Irene Arnold, all of Indianapolis.

### Mrs. Hattie Orr Services Set

Funeral services were to be held at 2 today for Mrs. Hattie Orr, 75, 1133 North Drexel avenue, who died Thursday at Deaconess hospital.

Surviving her are three sons, Herbert, Charles and Noble Orr, and two daughters, Mrs. Jessie Parrish, Tampa, Fla., and Mrs. Goldie Abbott, Indianapolis.

### Oliver Wood Fatally Hurt

Oliver Kenneth Wood, 22, of 5407 Burgess avenue, will be buried in Memorial Park cemetery tomorrow, following funeral services at Shirley Brothers central chapel at 10.

Mr. Wood was injured fatally Saturday when he was caught between two freight cars. He was an employee of Kinman & Co. With another employee, Dallas Page, 21, of 344 West Third street, Mr. Wood was looking for empty push carts.

The two men attempted to pass between two coal cars on a switching track. Before Mr. Wood could get through, the cars were shunted by a switch engine.

Surviving him are the widow, Mrs. Marjorie Wood, a year-old son, Kenneth; his parents, Mr. and Mrs. Elton Wood, and two sisters, Mrs. Edith Aldag and Mrs. Georgia M. Fairley, Roberts, Ill.

### Nelson Landers, 15, Dies

Blood poisoning caused the death yesterday of Nelson Landers, 15, of 1540 Villa avenue, in city hospital. He was the son of Lieutenant Orlie N. Landers, Engine House 3.

Poisoning resulted from a fever blister on the boy's lip. He had been a patient at the hospital only a few days. Two operations failed.

## STARS IN PLAY



Fred Vogel

The Luther league of Gethsemane Lutheran church will present "Here Comes Charlie," a three-act comedy by Jay Tobias, at 8 Wednesday in the Brookside United Brethren church, Eleventh and Olney streets.

Fred Vogel and Gladys Stevens will have principal roles with Fred Reiter, Virginia Allen, Naomi Dietz, Betty Palmer, Donald McCloskey, Mary Alice Burch and Gaylor Allen in supporting roles. Mr. Allen also directed the production.

to save his life. Funeral arrangements have not been completed.

### Former Resident Dies

Funeral services for Mrs. Margaret Watts, 57, Chicago, former resident of Indianapolis, will be held in the Flanner & Buchanan funeral home at 2 tomorrow. Burial will be in Crown Hill.

Survivors are the mother, Mrs. Sarah I. Ross, Aberdeen, S. D.; a son, Ross Watts, Chicago; two daughters, Miss Mabel Watts, Chicago, at whose home Mrs. Watts died, and Mrs. Grace Stroben, Detroit; a sister, Mrs. Muriel Matthews, Aberdeen, and a brother, Guy Ross, Indianapolis.

### William Piel Rites Set

Services for William W. Piel, 58, of 5294 North Meridian street, were to be held at 2:30 this afternoon in the English Lutheran Church of Our Redeemer, of which he was a member. Mr. Piel died Saturday in the Methodist hospital.

## IOWA BALLOTS TODAY; INTEREST IS SLIGHT

Democrats Unopposed in Primary; G. O. P. Seeks Comeback.

DES MOINES, Ia., June 4.—Iowa voters, apparently unexcited by eight weeks of oratorical fireworks over state taxation problems, went to the polls today to select party candidates for state offices.

Democratic incumbents, solidly entrenched in the state house, generally were not opposed for renomination, but Republican forces indicated in the vigor of their internecine war that the 1932 landslide which ended forty-eight years of domination has aroused the G. O. P. to new life.

Leaders of both parties expected a light vote, held down by oppressive heat and an uninteresting campaign.

## MOOR AGAIN IS CONVICTED OF SLAYING WIFE

High School Teacher Guilty of Murder; Sentenced to Life.

MARSHALL, Ill., June 4.—Hubert Moor, Robinson high school teacher, today was found guilty for the second time on a charge of slaying his wife, the daughter of an Indianapolis minister, and was sentenced to life imprisonment by a circuit court jury.

The jury, deliberating since Saturday afternoon, returned the verdict shortly after 9 a. m. today. A mistrial narrowly was averted when Henry Greenwell, a juror, became violently ill. After the verdict was announced, Mr. Greenwell was rushed to a physician's office in a serious condition.

Moor, who was granted a new trial by the state supreme court while he awaited execution, took the verdict calmly. He had pleaded insanity. The state showed that three days before Moor's wife was killed, the Robinson teacher had passed an examination with high honors at the University of Illinois.

The school teacher's confession, made after a week of questioning when his wife was killed, was introduced into the court record. At that time Moor said he killed his wife "because she left dirty dishes in the sink."

## VETERAN BUTLER BAND MEMBERS GET TUITION

Seven Semester Members Have Chance for Free Term.

Members of the Butler university band who have played in the organization for seven consecutive semesters will henceforth be granted free tuition during their eighth and last semester in the university, according to recent action of the Butler board of trustees.

J. B. Vandaworker, director, in announcing the new plan, said certain requirements must be met by candidates for the free tuition in addition to more membership in the organization for seven semesters.

An academic average of B— or better, no overcuts, performance to the satisfaction of the director, and appearance in full uniform at all public performances are the requirements which must be satisfied, according to Mr. Vandaworker.

## 4 ARE POISONED BY HOME-CANNED BERRIES

Three Women and Child Are Victims; Condition of One Critical.

A jar of home-canned blackberries caused three women and a child to be sent to city hospital Saturday suffering from ptomaine poison.

The victims are Mrs. Minnie Spellman, 57; her daughter, Mrs. Ruth Everett, 34; Laura Jane Everett, 6; and Mrs. Joyce Comstock, 35. They all live at 1432 Everett street. Mrs. Comstock was reported to be in a critical condition today.



There's a real bathing thrill in this new square Bath...

BATHING is a real thrill in the "Standard" Neo-Angle Bath. Whether you sit or stand or just dip your feet, there are new conveniences and comforts in this bath to make your bathing a new pleasure.

Its full-size tub, set diagonally, is delightfully spacious, larger than most tubs, large enough to relax in comfortably. Its corner seats are ideal for foot bath and shower, and for getting into and out of the bath safely. Its appearance is so distinctive and attractive that it adds charm to any bathroom.

You can have this new, different "Standard" Neo-Angle Bath in white or any of ten attractive colors to harmonize with interior decorations. You must see it to appreciate its many exclusive features and its unusual advantages. Drop in today at the nearest showroom listed below.

\*Price includes bath in white regular enamel, complete with No. 6 chromed all-metal bath and shower fitting. Plus local delivery and installation by your registered master plumber. Time Payments Available!

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PITTSBURGH, PA.  
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