

# Plan Two Flights Into Stratosphere

## Army and Geographic Society Will Co-Operate.

Washington.—Two stratosphere ascents to the highest point to which it is practicable for a balloon to lift a man, will be made in the United States during the coming summer in the hope of clearing up problems of the upper air that are still puzzling to science. It was announced by the National Geographic society and the United States army air corps, sponsors of the project. The balloon, with a capacity of 3,000,000 cubic feet, will be the largest ever constructed. It is estimated that it will rise to a height of more than 15 miles above sea level.

The first ascent will be made in June by Capt. Albert W. Stevens, noted aerial observer and photographer of the army air corps, who conceived the project, and Maj. William Kepner, balloon expert of the army air corps. If this flight is successful, the same balloonists will make a second ascent in September, in order to check observations under similar conditions.

### Scientists as Advisors.

To advise in regard to the scientific plans and equipment, and to direct studies of the data collected, Dr. Gilbert Grosvenor, president of the National Geographic society, has formed a committee of outstanding American scientists.

The huge balloon to be used in the ascents will have a gas capacity five times that of the bag in which Commander Settle established his 114-mile record last November; and nearly three and a half times that of the Soviet balloon which in September rose more than 12 miles above the earth.

The exact point at which the balloon will take to the air has not been selected, but it will probably be in the northern great plains region. Such a choice, it is pointed out, will give ample room for drift to the northeast, east, or southeast and a landing in open country, so that the bag can be salvaged.

The completed plans for the flights are due to the efforts of Captain Stevens, who has gathered data during the past 11 months directed toward the use in stratosphere flights of the largest balloon which it is practicable to construct, and an ascent to the highest point to which it is believed possible for man to rise in a gas bag, with hope of a safe landing. The mere attainment of altitude, however, is not a primary object of the ascents. It is desired to reach the greatest attainable height above the earth in order that conditions there can be observed.

Captain Stevens has penetrated the lower levels of the stratosphere by airplane on numerous occasions and

also has served as observer on a number of army balloon ascensions. During his high altitude flying he has collected much scientific data. In a flight over Dayton, Ohio, in October, 1928, he reached an altitude of 39,150 feet and obtained the only complete record of thermometer readings ever made in America, showing on the same day the "temperature gradient" in the region from the earth to the stratosphere. Other such records of temperatures, from the earth to an altitude of approximately 80,000 feet, is one of the objectives of the 1934 ascents. Such data will be extremely valuable in weather studies.

### Trap Stratosphere Air.

Another project of importance will be the trapping of samples of stratosphere air at several levels. These specimens will be analyzed and studied later in physical and chemical laboratories.

The preliminary "agenda" for scientific data to be collected during the ascents, contains 14 other items varying from high-level photography and the ascertainment of the electrical condition of the air at various levels, to cosmic ray studies and efforts to determine ozone concentration. The mysterious ozone layer of the upper air which some scientists assert is all that saves life on the earth from destruction by ultra-short light rays, is thought to lie far above the highest point that can be reached by a manned balloon. It is hoped, however, that evidences of an increasing ozone content of the air can be detected 15 miles up.

In order to house the many instruments and automatic recording devices that will be taken aloft, the balloon will have attached to it a spherical gondola of light metal 9 feet in diameter. This diameter is 2 feet greater than that of the gondolas used by Professor Piccard and Commander

## Germany Planning War, France Is Told

### Paris Newspaper Points Out Preparations.

Paris.—"Germany today possesses the most powerful war-equipment machine on the earth."

This statement, printed in the semi-official Temps, did not surprise Frenchmen.

The Temps also declared that Germany could launch over twice as many trained and armed men as France in battle.

Temps served to confirm the belief that, behind a screen of commercial enterprise, the reich has been assembling the fastest airplanes, sturmiest artillery and deadliest gas.

"Like it or not," one of the leading aviation columns here said, "the Germans in 1933, just as in 1932 and in 1918, are ahead in the science of aerodynamics. They have borrowed the best features of all nations."

But figures are more convincing than editorial opinion. Temps offers three "incontrovertible proofs" that prove, it declares, "intentional production of materials for an offensive war has been speeded up in the past few months." These are:

One—The significant rise in stocks on the Berlin exchange of concerns equipped to produce war materials.

Two—The increase in imports of raw materials subject to use for manufacturing war materials as betrayed by German foreign trade statistics.

Three—Sudden expansion of personnel in plants equipped to produce war materials.

Germany actually possesses twenty aircraft factories against eight in Great Britain. It is pointed out, which affirms that within six months the industry could produce more airplanes

### DEVELOPS NEW RAY



Prof. E. O. Lawrence who, with Dr. M. Stanley Livingston, has developed a new ray more penetrating than either X-rays or radium. This ray is made of neutrons, the most disruptive substances known to science. The ray is a flow of 10,000,000 neutrons a second, coming from a lead window. Although just a baby in the ray class, and potentially the most dangerous ever produced, it has great possibilities both for experiments and for building up the heavier chemical elements out of the lighter.

Settle, and will provide a cubic capacity more than twice as great.

The instruments, many of them designed and modified by Captain Stevens as a result of trials during high altitude flights, will be largely automatic, leaving observer and pilot free to take care of the many activities in the gondola that will require personal attention. A number of tiny cameras, using motion-picture film, will automatically and tirelessly "read" arias and clock faces simultaneously at frequent intervals.

## BRISBANE

### THIS WEEK

Europe Knows Our Dollar  
Marrying Haphazard  
One Bakker, \$200,000  
\$15 a Word, and Cheap

We don't yet know in this country that our dollar is only worth 59 cents, but Europe knows it. The gold franc, worth about 3.80 cents when the dollar was a gold dollar, is worth today 6.27 cents in paper dollars. Something frightened our speculative gentlemen in Wall Street and stocks dropped rather violently. They will go back again.

The cheaper dollar means a better price for the stocks, real estate and everything else with real value. While the dollar changes its value by fiat, the other things do not change their value.

This is a good time to collect right real estate and securities, if you know how to select the right ones.

J. H. Blumensohn of Columbia university, sent to Brazil by the Rockefeller foundation, found interesting Indians called the Kalung tribe. These Indians solve one of civilization's problems by marrying both the daughter and the mother; no mother-in-law difficulty there.

In former times the Indians practiced extensively polygamy and group marriage, several men and several women being married to each other at the same time.

There is no marriage ceremony, and when the Kalungangs kill each other in family feuds, divorce quarrels or for other numerous reasons, there is no punishment provided. Also there is no moral code.

The good will be glad to hear that the tribe is dying out; not expected to last long.

Edward G. Bremer, young bank president of St. Paul, thirty-seven years old, is released by kidnappers. His father paid a ransom of \$200,000 in \$5 and \$10 bills, which weighed fifty pounds and filled two suit-boxes. United States detectives are looking for "ten or twelve kidnapers."

Repeal of prohibition has discouraged bootleggers, but will probably promote kidnaping.

Charles Dickens wrote a life of Christ in 14,000 words for his children. They would not sell or allow it to be published. Now the last is dead and the brief manuscript sells for \$15 a word, \$210,000, not including the original itself in Dickens' handwriting. That manuscript itself will sell for a big price some day. Dickens could not have imagined all this when he was a young, struggling writer in London.

"Stone walls do not a prison make," you all know that, "nor iron bars a cage," under certain conditions.

That youth, beauty and even diamonds do not make happiness you learn from a young woman, a "Follies girl," found dead, sitting in a hotel, registered under a false name.

She had nine diamond rings on her fingers, \$280 in loose change in her handbag. Her lips were burned with poison, and those burned lips will never tell.

Mr. Schwab, of the steel company, used to say when he saw a little dog chasing an express train that he wondered what the dog would do with the train if he caught it. You wonder what Uncle Sam plans to do with all the gold in the world when it is he gets it. He can't hold it in his lap.

The United States is gathering information about silver—who has it, who is hoarding it, why it was bought, why it is hoarded?

You remember what happened when you hoarded gold, if you did. You had to give it to the government at the old price, and then watched it go up \$15 an ounce. Perhaps you will see something like that in silver. One hundred million ounces of it are said to be held in this country for speculative purposes.

The British post office shows a surplus, net profit of \$55,000,000 for the year. That will interest Postmaster General Farley, who is working to show a profit on his job.

The interesting thing is that the British post office owns and runs the British telegraph system, government-owned, and will send a telegraph message anywhere in Great Britain for 12 cents. That was the price, at least, when this writer was last in England.

If at any time you have violated the prohibition law, stop worrying. The Supreme court decided that prohibition being dead, nobody can be tried for violating a law that does not exist. The successful bootlegger may rest peacefully on his laurels and profits.

At McGraw, N. Y., four dogs led by a police dog amused themselves with a little girl. Joyce Hammond, six years old, bit her repeatedly, mangled one of her arms. She is in the hospital. Justice of the Peace A. P. McGraw ordered the dogs held for a while, to make sure that they were not afflicted with rabies, and then shot.

Civilized beings will scarcely believe it, but from different parts of the country have come earnest appeals: "Spare the poor dogs. How can you be so cruel?" etc.

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## BLOODY RIOTS END DALADIER'S REGIME

### Doumergue Undertakes the Task of Ruling France.

Paris, France.—Apparently just in time to prevent an armed uprising that would amount to civil war, Premier Edouard Daladier and his cabinet resigned, and President Lebrun called on the veteran former President, Gaston Doumergue, to form a new government. This action followed two days of violent rioting in which mobs of war veterans, royalists, communists and other trouble makers fought desperately with the police and with troops hurriedly brought to the city. Bloody battles took place in and about the Place de la Concorde and the Chamber of Deputies and when quiet was restored the boulevards in the heart of the city presented a scene of wreckage and desolation.

Estimates of the casualties vary widely. The monarchist paper Action Francaise said the dead numbered 50. Probably more than a thousand were wounded. Some were shot, others cut down with sabers and many were trampled by the horses of the soldiers. Machine guns mounted on the steps of the Palais Bourbon, where the deputies meet, and at other strategic points swept the streets with bullets.

The most serious disturbance of the second evening occurred when a communist mob 50,000 strong invaded the heart of Paris shortly after dark. It spread terrorism up to a late hour. Windows were smashed, shops looted, and newsstands and benches set afire. Police charged the Reds with clubs and occasionally answered the fire of insurgents with pistols.

Doumergue's emergence from his retirement was at the urgent behest of Lebrun and many other leaders. The seventy-year-old statesman consented to take charge of affairs provided both houses of parliament would pledge him their unqualified support and President Lebrun would give him a decree dissolving the chamber and ordering new elections, to be used if he saw fit. These terms were met, and Doumergue proceeded to form a new cabinet of ten leading figures of parliament. There were strong indications that his regime might develop into virtual dictatorship. The socialists, the war veterans and the fascists were still restless and threatening, and the royalists were talking of a coup d'etat to restore the monarchy and place on the throne the duke de Guise, fifty-nine-year-old pretender who resides in exile in Brussels.

There were numerous opinions as to the actual cause of the outbreaks here and in other cities. Some said the rioters were furious at the government over the \$40,000,000 Stavisky pawnshop scandal, others that the people were generally restive under financial and economic pressure.

Not since the bloody revolution of 1870 has Paris seen such disorders as raged for two days. Machine guns rattled from the steps of the Chamber of Deputies. Mounted guards, with drawn sabers, slashed right and left. Guns and swords were Daladier's answer to "an armed attempt against the safety of the state." Thousands of Parisians, fighting and shouting, made up the mob.

### WASHINGTON BRIEFS

The senate ratified without debate an extradition treaty with Turkey.

Taxes collected by the government last year amounted to \$2,090,947,279, an increase of more than \$670,000,000 over 1932.

Representative Connolly (Rep., Pa.), introduced a bill to authorize acceptance of \$10,000,000 worth of radium in payment on Belgium's war obligations to the United States.

Representative Beck (Rep., Pa.), was declared by a house elections committee to be entitled to the seat from the Second Pennsylvania district over John J. Shannahan, his Democratic opponent in the 1932 elections.

Temporary insurance is now protecting 36.1 per cent of all the deposits in all the banks of the country, according to E. G. Bennett, director of Federal Deposit Insurance corporation.

Leonard Dupree White, University of Chicago professor of political science, has been selected as the Republican member of the civil service commission to succeed Thomas Campbell, resigned.

Nazi Propaganda Seized  
New York.—Several thousand pamphlets, described as Nazi propaganda, were seized aboard the freighter Este, which docked here.

### Outburst Threatens in Philippine Province

Manila, P. I.—A warning that blood may flow in Pampanga province, north of Manila, in a fight over the machinery for the general election June 5 has been brought to Secretary of the Interior Teofilo Sison by a delegation.

Bad Fire in Kansas City  
Kansas City, Kan.—Two buildings of the Carward Manufacturing company's plant here were destroyed by fire with an estimated loss of \$200,000.

### CRAWLING SUBMARINE

Sea-bed exploration should be simplified by the use of a new type of submarine, recently tested in New York. This small craft can crawl about the ocean bed, and has a hatch through which a diver can leave or enter it.

Ferry's Seeds are sold only in free-dated packages. When you buy Ferry's Seeds you are sure of the finest quality available. Adv.

### Tiny Radio Set

Dino de Corbentolo, a youth living at Treviso, Italy, has a certificate assuring him that his radio set, with which he can get half-a-dozen stations, is the smallest in the world. It will fit comfortably into a nutshell—and the nut is not a coconut!

## Why the Sudden Change to Liquid Laxatives?

Doctors have always recognized the value of the laxative whose dose can be measured, and whose action can be thus regulated to suit individual need.

The public, too, is fast returning to the use of liquid laxatives. People have learned that a properly prepared liquid laxative brings a perfect movement without any discomfort at the time, or after.

The dose of a liquid laxative can be varied to suit the needs of the individual. The action can thus be regulated. It forms no habit; you need not take a "double dose" a day or two later. Nor will a mild liquid laxative irritate the kidneys.

The wrong cathartic may often do more harm than good.

Dr. Caldwell's Syrup Pepsin is a prescription, and is perfectly safe. Its laxative action is based on senna—a natural laxative. The bowels will not become dependent on this form of help. Dr. Caldwell's Syrup Pepsin is at all druggists. Member N. R. A.

## Mercolized Wax



### Keeps Skin Young

Absorb blemishes and discolorations using Mercolized Wax daily as directed. Invisible particles of aged skin are freed and all particles of aged skin, tan, freckles and defects such as blackheads, sun, freckles and large pores disappear. Skin is then beautifully clear, velvety and so soft—face looks years younger. Mercolized Wax brings out your hidden beauty. At all leading druggists.

### Powdered Solaxite

Reduces wrinkles and other age-signs. Simply dissolve one ounce Solaxite in half-pint witch hazel and use daily as face lotion.

## A Three Days' Cough Is Your Danger Signal

Don't let them get a strangle hold. Fight germs quickly. Creomulsion combines 7 major helps in one. Powerful but harmless. Pleasant to take. No narcotics. Your own druggist is authorized to refund your money on the spot if your cough or cold is not relieved by Creomulsion. (adv.)

### GIRL TO WOMAN

Mrs. Hester Casson of 2429 Wolf St., Brunswick, Ga., said: "When I was a young girl growing up I became run-down but Dr. Pierce's Favorite Prescription soon had me feeling fine and I developed naturally. After I married I again relied upon it to keep up my strength during pregnancy. I became nervous, irritable and weary, would feel so weak. Three bottles of the Prescription was all I had to take." New size, tablets 50 cts., liquid \$1.00.

## Tired.. Nervous

### Wife Wins Back Peps!

HER raw nerves were soothed. She banished that "dead tired" feeling. Won new youthfulness. Restful nights, active days—all because she rid her system of bowel-clogging wastes that were sapping her vitality. DR. BIRBET'S (Nature's Remedy)—the mild, safe, all-vegetable laxative—worked the transformation. Try it for constipation, biliousness, headaches, dizzy spells, colds. See how refreshed you feel. At all druggists. 25 cents.

### "TUMS" Quick relief for acid indigestion, heartburn. Only 10c.

SEED FREE FOR TRIAL. To introduce we mail you 100 seeds, Giant Zinnias, 21 germinators, forcing, if damp. Is enclosed for postage. New Seed Book Free. MILES SEED HOUSE, Box A, ROSE HILL, N.Y.

## ITCHING

Wherever it occurs and whatever the cause, relieve it at once with

## Resinol

## U. S. Whaling Ships Fade From Oceans

Washington.—A once flourishing and picturesque institution appears doomed to follow the covered wagon into oblivion.

The American whaling fleet, which in the hey-day of its activity in 1853 comprised 200,000 gross tons, has dwindled until today only 14 vessels of 9,307 tons remain. And so is closing an important and vivid chapter in the history of the United States merchant marine.

Records in the Commerce department's bureau of navigation and steamboat inspection also show that since the time the first American whalers headed their well-provisioned vessels away from the New England coast late in the Eighteenth century for their search of "swimming treasure," headquarters for the fleet have moved completely across the continent.

## President Intervened for Him



When Steve Wasillakos, the vendor of peanuts and popcorn at a corner of the White House grounds for the last 20 years, was ordered to remove his stand by the District of Columbia commissioners, he thought he was about to become a member of the army of forgotten men. But President Roosevelt, reading of his case in the newspapers, intervened and Steve was permitted to remain.

## Sultan's Stolen Wealth, Gone Years, Is Found

Istanbul.—Ten tablecloths embroidered with real pearls, a basin of silver and gold, and a jeweled necklace disappeared many years ago from Abdul Hamid's treasures.

An informer recently denounced one Nouri Bey as having the precious objects. Police found them and removed the treasures to the old museum.

Now Nouri Bey is suing the museum for restitution on the grounds that he had possessed the jewels and gold for more than 20 years.

## 92-Yr.-Old Woman Known as "Mother of Mayors"

Bloomington, Ind.—Mrs. Elizabeth Heinze Nester, who recently celebrated her ninetieth birthday, is known as the "mother of mayors." Her oldest son, John F. Heinze, was elected mayor of Bloomington in 1905. Her second son, Fred Heinze, was named mayor of Tell City in 1909, and in 1929, her third son, Floyd H. Nester, was elected mayor of Bloomington.