

# Professor Piccard Plans New Flight Into Stratosphere From Soldier Field at A Century of Progress Exposition

Chicago, April 10.—Last summer Professor Auguste Piccard captured the world's imagination by soaring 53,856 feet above the earth into the stratosphere—in a hermetically sealed aluminum sphere. He reached the greatest height ever attained by any living being and brought back a startling description of the strange world that lies beyond our atmosphere.

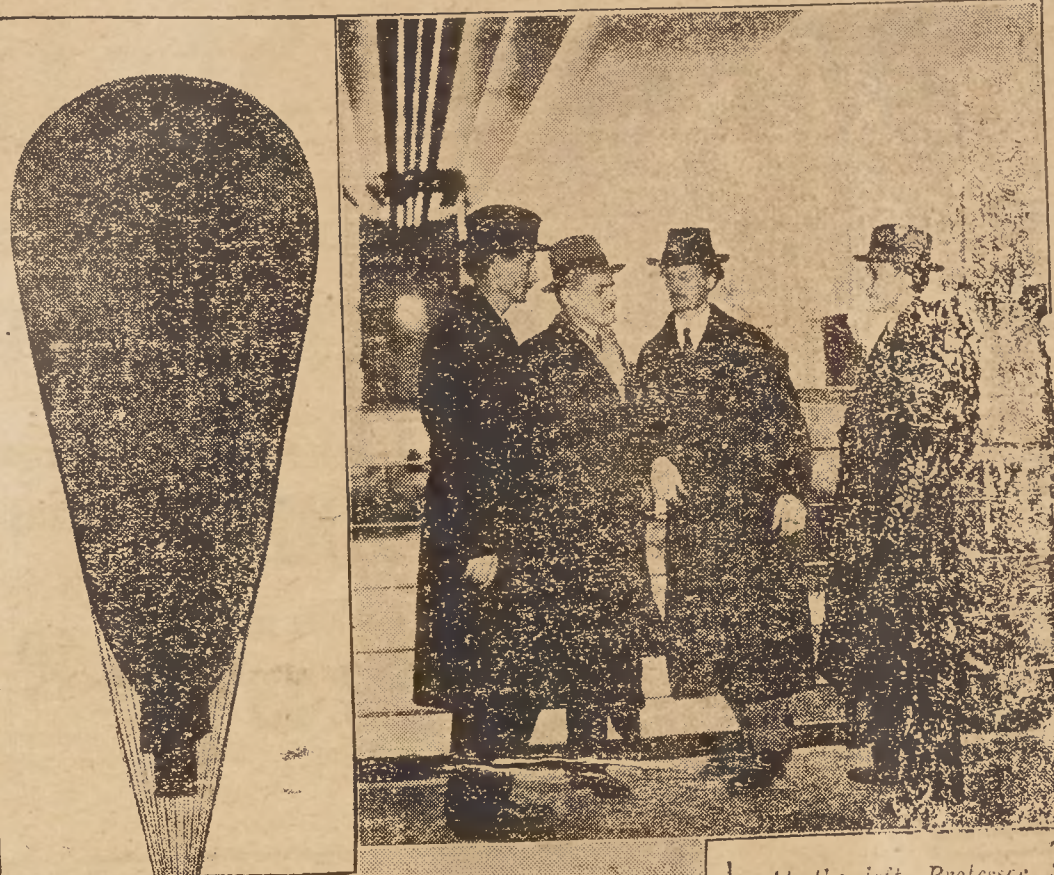
Because the ascent was made from the Dübendorf aerodrome near Zurich, Switzerland, only a few thousand people witnessed this historic event.

This summer, however, when the daring Swiss scientist-adventurer makes his next expedition into the stratosphere, he will probably start from Soldier Field on the grounds of A Century of Progress—Chicago's 1933 World's Fair—in the presence of hundreds of thousands of spectators.

## Discusses His Plans

Plans to make the World's Fair, which opens on June 1, the starting point for his next scientific excursion were disclosed by Professor Piccard when he visited A Century of Progress recently with his brother, Jean, as guest of Prof. Henry Crew, chief of the Exposition's pure science division. Conferences are now being held with American rubber and metal manufacturers.

The grounds of A Century of Progress



At the left, Professor Piccard's balloon is shown just as it will appear when it rises from Soldier Field at A Century of Progress. The balloon was actually photographed as it left the Dübendorf Aerodrome near Zurich last summer. Above, Professor Piccard (the third figure from the left) is discussing the proposed flight with his brother Jean (left), Prof. Arthur Compton and Prof. Henry Crew (right). They are standing in the balcony overlooking the great hall of the Hall of Science, where Prof. Piccard's stratosphere gondola is to be exhibited this summer.



...are a peculiar fitting place for Professor Piccard to start because the Exposition itself is a huge demonstration of man's progress during the last century in scientific achievement—progress that Professor Piccard's new flight is admirably designed to dramatize.

source of energy after his present fuel resources are exhausted. It is the observation of these mysterious rays that is the object of Professor Piccard's flights into the stratosphere.

The tremendous, startling possibilities involved in a successful solution of sources of energy that can be transformed into heat and power may be grasped mentally, by Professor Piccard's illustration: "Calculations show that energy liberated from the modification of atoms contained in six drops of water would suffice to light up a city for several hours."

In making tentative plans for the flight, Professor Piccard replied to queries of those curious to know just what the upper region, 10 miles or so above Chicago, looks like.

"The sky is beautiful, ten miles up—a bluish purple—almost black—but not quite dark enough to see the stars."

The practical side of Professor Piccard's expeditions into the stratosphere has already been demonstrated, he points out. Stratospheres

are already being constructed in various countries on a large scale developed in the aluminum sphere used on his last voyage. A flight between New York and Paris will undoubtedly be made in four or six eight hours by use of this new plane, he predicts.

The aluminum gondola in which Professor Piccard soared above the earth at Zurich, August 15, 1931, and he seen by visitors to the Exposition in the Hall of Science. It is a globe about six feet in diameter, hermetically sealed, equipped with observation windows, parachutes and breathing apparatus.

## DAUGHTERS IN WASHINGTON

Those lovely ladies from all over the country who compose the Daughters of the American Revolution have been holding interesting session in Washington.

The Daughters have recorded their customary views instructing the national Administration and Congress to boost for a big Army and a big Navy, which seems to have become their standardized method of emphasizing the perfection of their patriotism.

In recent years the policies of the United States Government with reference to the Army and Navy has been subjects of worldwide negotiations and have favored peace and disarmament. The processes of the negotiations which are attracting Prime Ministers and the best statesmen of the World to Washington seem to be somewhat over the heads of the Daughters who insist upon resolving in terms of the American Revolution of 1776 instead of the light of 1933. But outside of their amateur dabbling in politics the Daughters always do a fine job at their yearly meetings.

## UNCLE SAM'S MONEY

If Horace, the Ancient, knew what he was talking about when he wrote that "gold will be slave or master" the World is due to find out whether the United States is to continue to be slave to gold while France and our own hoarders are enjoying the yellow metal, or whether we are masters of our financial destinies.

Most people were quick to confess that they "didn't understand" what all this "inflation" talk is about. And likely few have yet comprehended the intricate subject of money, since the wisest of statesmen have been caught guessing wrong most of the time for the past three years.

Way back in 1896 the partisans of gold won over the hesitating Republican party with the help of William McKinley, presidential nominee, who told the platform makers to declare in favor of a single standard

of money. Bryan on the Democratic ticket went down to his first defeat with his famous battlecry: "You shall not press down upon the brow of labor this crown of thorns, you shall not crucify mankind upon a cross of gold." He was for the white metal, silver. But he bet on the wrong colors.

Evidently gold has been a habit more than a necessity during most of these long years, and it is not surprising that so many public men have been converted to the arguments of the silver producing States.

Let us hope that the present Administration and its advisors really do "understand" the intricacies of the situation and that Uncle Sam's money will continue to be worth full face-values.

## NEW FARM BULLETIN TELLS ABOUT COTTON

More cotton is consumed by the textile mills of North Carolina than is produced in the State though the gradual improvement in staple length is resulting in an increased usage of home-produced cotton.

These are two of the facts deduced by Dr. Joseph G. Knapp, associate agricultural economist at State College, in a study, he has been making of the home market for North Carolina cotton. Additional facts of interest both to growers and those who deal in the fleecy staple may be secured from reading the recent Experiment Station bulletin 284 in which Dr. Knapp reports the results of his study.

The chief competitor of the North Carolina grower in the trade with his local textile mill is the grower located in either of the three states of Mississippi, South Carolina and Georgia. Farmers in these states are making special efforts to produce the kind and quality of staple desired by the North Carolina textile mills.

"The cotton mills have suggested that North Carolina farmers can better meet the needs of the mills by increasing staple length, by developing a greater uniformity of staple and grade, and, by improving the grade through better hand-

ling," says Dr. Knapp. He compliments the cotton association, the extension service and others for the efforts made in the last few years to improve the grade and staple of Tarheel cotton and says this work is having a most beneficial effect. One of the great things to do now is for communities to unite in the production of one variety after testing those which might be adapted to that community. One-variety communities can be found much more frequently than heretofore but a further expansion of this effort is highly desirable, Dr. Knapp says.

## DATES ARE SELECTED FOR FARM CONVENTION

The 31st annual gathering of the North Carolina State Farmers' Convention will be held at State College during Farm and Home Week, July 24 to 29, inclusive, according to an announcement from Charles A. Sheffield, secretary.

The meeting this year will likely be the most notable gathering in the 30 years of the organization. Through the efforts of President E. C. Brooks, the American Institute of Cooperation will hold its short course and public meeting at the college this summer. The open meeting will be held at the same time as the farmers' convention. Dean I. O. Schaub has said that annual conference of home and farm demonstration agents will be held at the same time and Director T. E. Browne has stated that the vocational teachers of the State will meet during the week for this annual short course.

There is also a possibility that a school for Grange Lecturers will be held at the College during the week. The Institute of Cooperation will attract leading educators from all parts of the Southeast and in addition, the officers of the Institute plan to bring to the College a group of outstanding speakers.

At present time, it appears that the Convention this summer will be the greatest of its kind ever held at the College, Mr. Sheffield says. The State Federation of Home Demonstration Clubs will attract a

large number of leading North Carolina farm women to the annual meeting always held during Farm and Home week and there will be an additional number to attend the annual short course scheduled by the home demonstration department. L. H. McKay of Henderson county is president of the Convention this year and Mrs. Dewey Bennett of Forsyth County is president of the State Federation.

## Investigation Of Dirigible Crashes

Senator King, Of Utah, Chairman Of Committee Named To Inspect The U. S. S. Macon, Primrose Investigation Of Akron Disaster.

Akron, O., May 6.—A sweeping investigation not only into the U. S. S. Akron disaster but also into the military and commercial value of dirigibles in general was promised today by Senator W. H. King of Utah, chairman of a joint resolutions committee, which arrived here today to inspect the U. S. S. Macon. Not only will the committee investigate the disaster that took a total of 73 lives off the coast of New Jersey a few weeks ago but will also go over the causes of the disaster to the Shenandoah wrecked in 1925, Senator King declared.

Brutal Russian Police Methods, How Confessions Are Obtained by Torture Explained in The American Weekly, the Magazine Distributed with Next Sunday's BALTIMORE AMERICAN. Buy it from your favorite newsdealer or newsboy.

## BUS TRAGEDY STUDIED

Rowan county citizens, relatives and neighbors of the children who were killed in the school truck collision about ten days ago, appeared before the house and senate appropriations committee Tuesday afternoon urging the legislature to throw safeguards about truck transportation in their county.

## Death Claims Aged Citizen of Johnston

Wm. A. Lee Dies Suddenly At His Home In Pleasant Grove Township At Age of 76 Years; Funeral Saturday Afternoon.

William A. Lee, a prominent farmer of Pleasant Grove township, died suddenly at his home Friday afternoon. At the noon hour Friday he appeared in good health and ate his dinner as usual. Members of the family returned to their work after dinner, and later when they went back to the house they found Mr. Lee dead. He was 76 years, three months, and 26 days old.

The funeral was held at the home Saturday afternoon at four o'clock, conducted by his pastor, Elder Rhodes, assisted by Elder L. H. Stephenson and Elder T. F. Adams. The pallbearers were sons and grandsons of the deceased: G. Willie, Ervin, Clarence and Denton Lee, and Valmond and Warren King. Granddaughters of the deceased acted as flower bearers. The floral offering was unusually large and beautiful. The large crowd attending the funeral was evidence of the high esteem in which the deceased was held. Interment took place in the family cemetery near the home.

The deceased is survived by three sons and six daughters as follows: G. Willie and Clarence Lee, Mrs. Bessie King, Mrs. Claude Stephenson, Mrs. Ruth Williams, Mrs. Mamie Langdon, and Mrs. Myrtle Ogburn, all of Pleasant Grove township; Ervin Lee, of Raleigh, and Mrs. Elgie Collier, of Micro.

## Hephzibah News

Mr. and Mrs. Lloyd Starling, Mr. and Mrs. Adam Woodard spent Sunday with Mr. and Mrs. Hylliard Phillips near Smithfield.

Mrs. Minnie Braswell attended the convention at Erwin Friday and Saturday.

Mr. and Mrs. Fate Braswell spent the week end with Mr. and Mrs. Henry Bradley in the Daughtry section.

Miss Thelma Pittman and Pauline Woodard, D. A. Pittman, W. G. Woodard spent Sunday with Ophelia Capps in the Creech section.

Mr. and Mrs. Willie Sumerlin and family spent Sunday with Mr. and Mrs. Sid Creech and family.

Miss Louise Brown of Princeton and Miss Gladys Braswell spent the week end with Miss Ella Braswell.

Mr. and Mrs. William Woodard and little daughter, Mary Beth, of the Woodard settlement, spent Sunday with Mr. and Mrs. Larkin Creech.

Mr. and Mrs. Dan Thomas and little son, J. D., of near Rains Cross Roads, spent a while Sunday with Mr. and Mrs. John Hollomon.

Miss Ida Braswell spent the week end with Miss Cora Lee Worley, of Princeton.

Miss Thelma Allen spent the weekend with Miss Bessie Woodard.

Miss Doret Sumerlin spent Sunday with Miss Ruth Creech.

## ADVERTISING OPINIONS

When is an advertisement advertising? According to the Better Business bureau of Tulsa, Okla., it is when the matter is printed in a newspaper.

In order to ascertain the opinions of a number of people as to the reception given modern forms of publicity the bureau sent out letters in the Tulsa territory, receiving more than 1,000 answers. In reply to the question: "What form of advertising influences you most in making your purchases," 817 persons called newspapers the best medium. They constituted 80 1-2 per cent of those answering. One and one-half per cent found billboards the most appealing and 10 1-2 per cent favored radio. Only one per cent regarded circulars as influential and no one approved of circulars or cards placed in automobiles. Seven hundred and seventy-eight persons answering the questionnaire said they read only 12 1-2 per cent of the circulars received.

There is no reason for thinking that the Tulsa residents are more interested in newspapers than citizens of any other part of the country or that their reaction to advertising in various forms differ materially from those of other intelligent people. Business men with an advertising budget to apportion might do well to consider the figures uncovered by the bureau.—York (Neb) New Teller.

A large increase in the amount of ground dolomitic limestone used in fertilizer this season is reported. Limestone is used as filler and as a supplement to the usual plant food materials.

## Buck Brothers Plead Not Guilty Kidnaping

Provincetown, Mass., May 8.—Kenneth and Cyril Buck, Harwichport brothers, pleaded not guilty today in the kidnaping of 10-year-old "Peggy" McMath and were held in \$100,000 bail each for a hearing May 22.

The district court on the first floor of the old town hall was crowded with Cape Codders as the brothers, arrested Saturday after the child had been safely returned to her parents and the \$60,000 ransom had been recovered in Kenneth's home, appeared before Judge Robert A. Welsh, 32, Massachusetts' youngest jurist.

Kenneth, 28-year-old unemployed chauffeur, created a furore shortly before his appearance in court by telling reporters there was "another party" involved in the kidnaping but that he was withholding his identity because he was afraid of what might happen to his wife.

The young confessed kidnaper later retraced his statement and detectives reiterated their belief no one else was involved.

While awaiting arraignment Kenneth was asked: "Is it true that there is some one else in on this case?"

"Yes, there is," he replied, and began to sob.

"I am between them and my wife," he said, "and I don't know what to do. I know I didn't do it and she knows I didn't do it. I am between them and my wife and I can't say anything."

Asked if the "someone else" had left him to take the blame he replied:

"Yes, they ran away and left me."

He answered "No," when asked if the person or persons he referred to lived in Harwichport.

Prior to that Kenneth had complained of feeling sick.

"I feel sick," he said. "I had had no sleep, I want a lawyer and I don't want to say anything until I do get a lawyer."

At first Kenneth said two other men were involved but later changed it to one.

"They dumped the kid on my hands," he sobbed.

Charge of kidnaping and extortion while his brother, 13 years his senior, was charged with extortion alone.

A special session of the grand jury will convene next week and indictments are returned on the basis of what police claim are confessions by both men the usual preliminary hearing will be eliminated.

The high bail was set by Judge Welsh after District Attorney William C. Crossley had told the court that "if the commonwealth's contentions are true, kidnaping is worse than murder in many cases."

Judge Welsh, in setting the bail, said kidnaping was "one of the most heinous crimes there is because of the worry and mental strain inflicted on those to whom the victim is dear."

Kenneth asked for a week's continuance so he might obtain a lawyer. An adjournment of two weeks finally was agreed upon.

"I have no lawyer and I don't understand anything about law myself," he said. "I don't know what to do."

Cyril, a garage man, said he saw "no reason why any information I have should be concealed now," and added:

"I don't see why what I have to say can't be said now. I gladly offer to give any evidence I have right now."

The district attorney, after explaining to the prisoners their legal rights, said he was ready to proceed. Kenneth objected.

"I've had no way to get word to anyone that I wanted a lawyer," he said. He sat down and began to cry.

Cyril, declaring he wanted to "get it over with," asked the court for permission to have a lawyer.

"I don't feel that I really need a lawyer, but I am not familiar with legal procedure," he said.

Police charge Kenneth took "Peggy" from the Harwich grammar school by a ruse on May 2, carried her to a Cranberry shack and then to a vacant house; that Cyril posed as the "contract man" for the kidnapers in the deal which caused Neil C. McMath, the girl's father, to give up \$60,000 for her return.

The child was returned last Friday, the Buck brothers were arrested and the money recovered.

Contrast between the brothers today was evident. Kenneth was nervous and trembled as his red hair glistened in the sunlight, while Cyril much taller and with black hair streaked with gray, sat stolidly.

Tobacco growers who tried the straw covering for their tobacco beds this season are reporting excellent results.