

### AIR RADIO APPEAL

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The flight was made under the auspices of the American legion as part of its campaign on behalf of the proposed Soldiers' Mountain Home. The route taken began at Hazel Hurst field at Minneola, Long Island, 18 miles from New York, and covered all Brooklyn, middle Manhattan and part of New Jersey.

Lieutenant Maynard spoke about the aims of the American Legion mountain home. The home is to be built to provide members who are suffering from ailments requiring pure mountain air, a retreat during convalescence.

Miss Vreeland rendered a vocal program which included the "Star Spangled Banner," "Holy, Holy," and also the well known prayer from "La Tosca." Her accomplishment as a singer was doubly remarkable, because she was able to hold the correct pitch throughout the selections in spite of the din of the 200 horsepower motor that was carrying the party through the air. Finally, Miss Thais Magrane spoke on behalf of the Women's auxiliary of the American Legion.

Before and after the announced program, conversations were carried on with various stations and amateurs, all of whom reported clear signals. A Brooklyn amateur said that he could see the plane sailing through the air while speaking to the occupants.

#### Details of the Equipment

The transmitting set consisted of a C. G. vacuum tube transmitter of 300 Mfd's capacity. It was built for aerial Radio transmission for the United States Navy. Type C. G. 1141 dynamotor with a Type H. G. relay, Dubellier condenser of .0004 Mdf capacity was used. A Westinghouse receiving set was part of the equipment. The wave length was 500 meters and 300 feet drop antenna was used. The total weight of the apparatus was 147 pounds. It was fastened to two pine boards screwed to the floor of the roomy cabin. The reel was attached under the seats.

The tests were in charge of E. W. Dannels, the Radio engineer of Brooklyn, connected with the General electric company. Mr. Dannels was one of the leading Radio operators of the U. S. Naval aviation. He is remembered by many as the man, who some years ago, was wrecked in a Blimp as it burst off Sandyhook, while the occupants were watching the sailing races. His daring in sending messages until the machine struck the water received world wide comment.

#### The New Loud Speaker

The interesting part of the tests was made possible through the courtesy of the army authorities of Mitchel Field, Long Island. By hooking a receiving set to the regular telephone system they enabled the officials and guests of the Fokker company, assembled in the hangar, to follow the whole program. The test proved, too, that an ordinary gasoline funnel held against a telephone receiver with a handkerchief wrapped around the connection made a very acceptable loud speaking horn.

#### Ceremony Performed Above the Clouds

On a later trip at about 5,000 feet above Times Square a nuptial kiss was broadcast from the cockpit of a speeding airplane to the ears of thousands of Radio fans.

The "flying parson," Lieut. Belvin W. Maynard, performed the ceremony. Each detail of the ceremony, except the blush, was transmitted by Radio. The honeymoon was immediately started and the trip was made by air to Albany, Schenectady, Syracuse and Niagara Falls.

### THOUSANDS FLOCK TO DETROIT SHOW

Radio Freaks One of the Features of the Big Show

DETROIT.—One of the first shows for the Radiophone closed last week in Detroit. The show was opened by Mayor James Couzens. The show was sponsored by the American Exhibitors' Association, Inc. Not only were there thousands of Detroit and Michigan fans there but many came from outside of the borders of the state. The show was a complete success.

Exhibitors were numerous and every new device in Radiophone and Radio telegraph were shown.

Amateurs who already have delved into the realms of ether waves and novices who are ready and eager to become members of America's fast expanding Radio family found much at the Radio show to interest them. For those intending to install receiving sets were given the opportunity of viewing collectively instruments at all prices.

One of the unique features of the show was the showing of Radio freaks and novel Radio apparatus, products of the amateur. Another feature was the answering of questions by Radio engineers. Amateurs were given help, beginners advice, thus aiding them in avoiding common errors made by those to whom Radio communication remains a mystery.

Two miniature houses, completely equipped with sending and receiving apparatus, displaying the latest and most efficient methods of erecting antenna was shown.

Those who had exhibits at the show

## Extensive Plans Are Being Made For National Radio Exposition

Prominent Government Organizations and Corporation Interests Are Planning to Participate and Offer Exhibits in Immense Affair at Chicago June 26 to July 1

Plans are being perfected for the participation of the army, navy, the Government, Boy and Girl Scouts, technical schools, the Radio Corporation of America and the Westinghouse Electric & Manufacturing Co., in the National Radio exposition to be held in the Leiter building Chicago, June 26th to July 1st, according to an announcement by Milo E. Westbrooke, general manager of the exposition.

Alfred Thomas, Jr., district manager of the Radio Corporation of America, a member of the show's advisory committee, is arranging for a contest of amateurs at the national exposition. This contest will settle who is the fastest amateur Radio operator. Mr. Thomas is working out the details of the contest with Mr. Westbrooke.

#### Radio Inspector to Be There

L. R. Schmitt, United States Radio inspector for the ninth district, another member of the committee, will have an exhibit from his department at the exposition. G. H. Jaspert, who has charge of the Westinghouse broadcasting station in Chicago, announced that Westinghouse would install the official receiving station at the exposition from which the visitors at the show would get the complete service of the broadcasting station, KYW.

The Radio fan will have an opportunity to see at this exposition just what the army and navy are doing in wireless. In all the technical schools of Chicago the students are experimenting on radio devices and it is from one of these that some day may

emanate an invention that will startle the electrical world. All these technical schools will display at the exposition specimens of their Radio handicraft. The Boy Scouts and the Girl Scouts also will have an exhibit at the show.

The exposition advisory committee consists of W. S. Hedges, Radio editor, Chicago Daily News; J. C. Hall, City Hall Station, WBU, Chicago; G. H. Jaspert, Westinghouse Electric & Mfg. Co., Station KYW, Chicago; F. D. Pearne, department of electricity, Lane Technical High school, Chicago; L. R. Schmidt, Radio inspector, 9th district, Chicago; Chas. A. Sloan, Radio editor, The Chicago Tribune; E. C. Rayner of the Radio Digest Illustrated, Chicago; Alfred Thomas, Jr., district manager Radio Corporation of America; Prof. R. E. Hughes, Evanston High school. The chairman of the committee is J. Elliott Jenkins of Chicago.

### BODY IS AERIAL

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For a time the captain and his friends were content to listen to the program of the evening. Then the owner of the set was seized by a fever of experimentation. It was while he was demonstrating some of the things of which his set was capable that he stumbled onto something of which he himself would have thought was quite impossible.

The ground wire of the set had been disconnected to demonstrate that the set would receive as usual. Then the captain, his hands slightly moist with perspiration, unhooked a three-foot insulated copper wire leading to his outside aerial and by accident held the bare wire or exposed end of the wire between his fingers. To his surprise music, faint but audible continued to reach his ears through the head phones.

Hastily he removed the insulation from half of the three-foot copper wire and then tuned in his set to its most delicate adjustment. He divided up the available listening apparatus and gripping the wire firmly in his hand, told the guests to listen. They were amazed. Before their eyes was the set functioning without a ground connection, with the body of their host as an aerial.

Captain Muse clamped a pair of head phones on his phonograph so that the horn would act as an amplifier. Then he held the bare copper wire in his hand and the room was filled as if with distant music. He transferred the copper strand to his mouth and the harmony instantly was intensified by the more perfect conduction.

He asked another officer to take hold of the wire with him and learned that the music came in stronger by virtue of the dual aerial. A third, fourth and fifth man attached himself to the wire and its non-insulated surface and the music became so strong that the doors of the phonograph had to be closed. When all the men let go of the wire so that it dangled in mid-air the sound stopped entirely.

### HYPNOTIST CHARMS WOMAN BY RADIO

Successful Test Completed on Atlanta Stage From Station in Newspaper Office

ATLANTA, GA.—A hypnotist from a broadcasting station in a local newspaper office brought under his control and put to sleep Miss Beatrice Kyle on the stage of the Lyric Theater. Committees of disinterested persons both at the broadcasting station and the theater declared the test completely successful. The following evening the hypnotist awakened his subject by Radio.

Before casting the hypnotic spell over his subject, Vishnu the hypnotist, told his audience of the effect that his suggestions might have on some persons present. On his advice, several, who afterward said that they felt themselves growing sleepy while the experiment was in progress, left the theater to avoid being also hypnotized.

Miss Kyle within a few seconds fell asleep, and slowly was raised from her chair limp. Vishnu's voice then commanded her to become rigid. Instantly her muscles flexed and attendants lifted her by her ankles, thus showing her body to be stiff.

#### Stage of River Radiophoned

DAVENPORT, IOWA.—Realizing the interest that people in this vicinity have in present river conditions, the Palmer school started Radio broadcasting of river data today. The information broadcasted is obtained from the local station on the weather bureau.

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## Looking Ahead

Broadcasting Stations of note will be illustrated and described in our next issue. These pages will contain articles from well informed writers from different parts of the country.

Radiophone Broadcasting Stations are corrected each week and brought up to date. This feature will be of interest to every owner of a receiving set.

Instructions for the Beginner, by Harry J. Marx. Valuable information for the amateur and novice. There is also a clip sheet, which gives diagrams and hook-ups useful for every owner of a set.

How to Make. A whole page will be devoted to kinks and how to make apparatus at home. An exchange of ideas on stunts worked out by the amateur.

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