

AIR MAIL PROBLEM IS GROUND DELAYS

Slow Delivery Is Cause of Most of Complaints.

Washington.—The majority of complaints concerning slow delivery of air mail concern delays which occur on the ground, it is admitted by officials of the Post-Office department.

The problem of increasing ground speeds is difficult, according to Earl Wadsworth, superintendent of air mail service. The most that the department can do, says Mr. Wadsworth, is to utilize to the fullest extent the existing means of transportation.

Months of experimenting have been required to determine what is the best method of bringing New York's air mail from the eastern terminal at the Newark airport into the general post office at Eighth avenue and Twenty-third street.

In most cities the municipal government aids delivery by giving trucks which are delivering the air mail the right of way and allowing them to disregard the speed limits.

Police Speed Deliveries.

A special experiment was tried in Chicago in an effort to speed the delivery of mail arriving on the trans-continent mail planes.

This service must be suspended in the winter as the amphibians cannot operate because of the ice in the lake.

Tests have been authorized of air mail catching devices but the feasibility of placing them on the top of post office buildings is not yet determined.

It is possible that regulations might be changed to allow the mail planes to use such devices, but even then it is problematical whether the performance of the planes would be down in the canyons formed by tall office buildings.

The possibility of the use of pneumatic tubes for the transport of air mail from the airports to the post offices also is under consideration.

The expense of installing tubes over such long distances is one of the limiting factors in such a plan, according to Mr. Wadsworth.

AIR TOUR WINNER



J. H. Livingston of Aurora, Ill., piloting a Waco biplane, was winner of first place in the 5,000-mile national reliability air tour which ended at Detroit.

Muskogee to Replace The "Hat-Box" Airport

Muskogee, Okla.—Hat-box field, whose register includes signatures of nearly every aviator of prominence, is to be replaced by a new airport at Muskogee.

A municipal field is to replace the "Hat-Box," whose present steel hangar was erected by the army, following demands for a handy refueling point between Texas fields and northern cities.

Little commotion was caused in aerial circles when Joe Witt, an army aviator, leased a plot of ground here and built a one-plane wooden hangar shortly after the war.

When Witt's ramshackle equipment was destroyed by fire the army was asked to rehabilitate it. That was done, and a lieutenant was placed in command.

One day a squad of nearly 50 army ships stopped, en route to maneuvers in the North. Cramped in the small field and struck by black and white vertical stripes on the hangar, the army flyers remarked, "Why, it's just a hat-box!" Thus the field was christened.

Women Desert Tours for Airplane Trips

Brussels.—Flying, especially among American women visiting Europe, is on the increase, according to a railroad and steamboat agent of this city.

"It is getting quite annoying," he said. "We start out with a 'group' of twenty or thirty women. As we proceed it dwindles. We wonder where it has gone to. Little by little we discover that individuals, one after another, forsake the good, well-tried methods of traveling for flying. The fashion is catching on and is very awkward for us, as it upsets all our calculations and organization for taking people by sea and land."

DROPPING GUNS AND CREWS IN CHUTES

Army's Demonstration in Texas Is Successful.

Washington.—According to a report received by the chief of the air corps, the technique of landing machine guns and their crews from airplanes is being constantly improved. During a recent demonstration at the Air Corps Primary Flying school at Brooks Field, San Antonio, Texas, two machine guns were dropped in parachutes and put into action by two crews of three men each, who descended from an airplane to the ground via the parachute route.

Assembly of the machine guns and preparing them for firing was only a matter of a few minutes. This demonstration featured a machine gun parachute bag, recently developed by Sergeant Erwin H. Nichols, head of the parachute department at Brooks field.

The parachute supporting the bag opens automatically upon being thrown from the airplane and floats to earth. The bag containing the gun, ammunition and a gallon of water for use in cooling, opens quickly by means of a rip cord similar to that on the parachute.

The parachute jumps were made by Sergeant Dewey Horton, Corporals Travis Cramer and Robert E. New and Privates R. W. Stevens, Eddie Benzey and Lorraine Tolle. Sergeant Horton had a thrilling escape when his parachute landed on the roof of the big dirigible hangar at Brooks field.

The roof of this structure has a 30-degree slope and is well over 100 feet from the ground. Despite his precarious position, Sergeant Horton was able to spill the air from his parachute and climb to an entrance on the peak of the building, none the worse for his experience.

Cooling of Engine Problem of Builders

Detroit.—"Air-cooled versus water-cooled" remains the outstanding controversy among aircraft engine builders. Recent performances and experiments have done little to resolve a definite answer to the question. Rather, they have merely intensified the discussion.

It seems inevitable that eventually aircraft designers must be standardized around either the engine which is cooled by water or by air. All of the spectacular ocean flights and, in fact, all aviation feats which contributed to the awakening of public interest in aviation, which began in 1927, were made with air-cooled motors.

The argument was advanced that this performance justified specialization in the radial air-cooled type of motor to the exclusion of other designs. It was asserted that it was wasted effort to carry water into the air to reduce engine heat when the air flowing around the plane in flight would serve that purpose.

But when aircraft builders began seeking greater speeds, the radial type with its enormous frontal resistance, lost some favor, and designers began discussing the possibilities of water-cooled types. A method of chemical cooling brought forward and tried by the United States army, has met with favorable results in preliminary tests.

California Publishers Seek Crash Details

San Francisco.—What is believed to be the first instance in the United States of a newspaper publishers' association adopting a resolution to protect the aviation industry resulted during a meeting of the California Newspaper Publishers' association.

Justus P. Cramer, president of the association, announced the adoption of the following resolution: "Whereas California is the most air-minded state in the Union, and, whereas California bids well to retain its leadership in an infant industry, and,

"Whereas commercial aviation will become soon an important factor in the advertising world, and,

"Whereas most airplane accidents result in unlicensed obsolete planes, or when the pilot is inexperienced, "Be it therefore resolved, that we, the state executive committee and governing boards of the California Newspaper Publishers' association, urge the press in carrying airplane accident stories to carry the complete facts, if at all obtainable; that is, the name and type of plane, whether licensed by Department of Commerce and whether the pilot and plane were licensed to carry passengers for hire."

MOVE FOR HUMAN BETTERMENT

By DR. JAMES G. K. M'CLURE, Retired Presbyterian Minister.

THE greatest merger in history—the merger of science, business and religion—can be foreseen. Increasing knowledge and good will are to banish the prejudices now dividing religion and science and business, and the two are now entering an era of harmonious achievements for human betterment.

There is no question that the true spirit of Christianity is entering into business through such men as Thomas A. Edison and Henry Ford, John D. Rockefeller, Jr., and Cyrus H. McCormick, and into international relations through such men as President Hoover and Premier MacDonald.

Likewise science has its brilliant minds with a spiritual understanding, such as Prof. A. A. Michelson, Prof. Arthur N. Compton and Mme. Curie, all winners of the Nobel prize. They see no conflict between the study of the operation of the laws of the universe and faith in God as the creator of all.

We don't emphasize in this day and age the brand of religion so much as we used to do, and it is a good thing. It is the spirit that counts. While there may be fewer people in the church now than there used to be, the jazz age is passing because it is superficial and unreal and people are becoming more serious minded, a condition which will eventuate in an intensified zeal and faith, marked by tolerance and social service activity.

HOME OWNERSHIP ON WANE

By DR. PHILIP D. JORDEN, Long Island University.

Scientifically arranged multiple dwellings of steel framework and glass walls will be the typical abode of the people of the next generation in the cities of the United States. Home ownership is not only on the decline, but is likely to disappear in the great cities. Even very wealthy persons are deserting the cities for the great open spaces of the country, or taking apartments or quarters in multiple dwellings.

The multiple dwelling of the next generation will be a marvel of scientific perfection. Temperatures will be regulated by ventilation, and the present-day steam radiator will be as out of date as the old-fashioned kitchen fireplace.

We may expect houses to have walls of non-shatterable glass, frosted and colored to admit health giving rays of the sun, and to exclude the harmful rays. Such dwellings will occupy entire blocks, or perhaps several blocks, and be operated as a unit.

The private kitchen, or kitchenette, as it has come to be called, will have disappeared like the dodo bird, and meals will be scientifically prepared in a central kitchen and probably served in central dining rooms.

NEED FOR JUVENILE COURTS

By CHARLES L. CHUTE, National Probation Association.

An extension of the probation service which would place juvenile courts and skilled probation officers in every city and county in the United States would act as a preventive of crime. Child delinquents in towns where there is no juvenile court are tried in the criminal courts and sent to jail, if convicted, giving them an attitude toward society which may lead them to a criminal life.

Many a professional criminal is developed through a series of minor offenses. If he had been dealt with properly in the earlier stages, his later crimes against society probably would not have occurred, and crime statistics in our country would not be what they are at present.

Although there are only two states in the Union without juvenile court laws, hundreds of cities and the majority of rural communities have no juvenile court or probation service. This is unpardonable because we know today how to prevent a great deal of juvenile delinquency; how to lessen much of the misery of neglected children in broken homes; how to change backward, sullen youngsters into good and useful citizens, and yet we are applying this knowledge to only a small fraction of the cases.

RELIGIOUS TRUTHS AND SCIENCE

By REV. DR. HENRY DARLINGTON, New York (Episcopal).

The dictates of science should not cause one to become skeptical of great religious truths. There was a time when I was interested in squaring the teachings of religion with modern scientific thought. However, I discovered that what is good science today is bad science tomorrow. Therefore I have found that I have invariably had all my work to do over again. For instance, those religious leaders who have adapted themselves to the Darwinian teaching of evolution have had only to discover that we have practically outgrown Darwin's conception.

We need to preach a definite teaching based upon the great truths that Jesus emphasized. We should be more pragmatic. We should not be afraid to believe things that we have found to work, but which may be impossible of scientific proof, or which, when tested by science, may be entirely explained away. We must not sell our bright of belief for a pot of porridge.

SCHOOL TRUANCY LESSENE

By HENRY J. GIDEON, Philadelphia Educational Bureau.

The old-time sport of playing hooky, which was made famous by Tom Sawyer and Huckleberry Finn, is on the decline. Truancy plays a small part in school absences now. The reason is not so much that boys and girls are better than they used to be, but rather that schools are more attractive.

A three-year survey in Philadelphia has shown that 87 per cent of all nonattendance of pupils was due to illness. The survey also showed that boys attended school more regularly than girls, but that unexcused absences were greater for boys than for girls.

Whatever truancy there is in schools today is largely due to the incapability of parents. Illegal employment also keeps a few children out of school. Some teachers also aid in causing truants, for if the teacher is cross, unattractive and lacking in understanding, the child has an incentive to stay away from school.

"Everyone Raves About My Rolls, Cakes and Breads," Says Mrs. Galloway



Mrs. Jabe Galloway, Beaman, Iowa

"They Could Make Just As Good, If They Used Gold Medal 'Kitchen-tested' Flour"

"At the Iowa State Fair last year I won twenty prizes. A first on Cloverleaf Rolls, third on Nut Bread as well as several seconds and several thirds on different cakes—all made with Gold Medal 'Kitchen-tested' Flour. Everyone raves about my rolls, cakes and breads, but I tell them they could make just as good if they used GOLD MEDAL 'Kitchen-tested' Flour. I can surely recommend it as an all-purpose flour."

A Boon to Women All Over the Country

THOUSANDS of women all over the country now know how to bake prize cakes, pies, breads and biscuits every time. They use a new-type flour for all baking purposes—GOLD MEDAL "Kitchen-tested" Flour—that simplifies baking remarkably and banishes the cause of most baking failures.

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So now all GOLD MEDAL Flour is "Kitchen-tested" before it comes to you. As each batch comes through the mill it is tested by actual baking—bread, cakes, biscuits, pas-

tried—in an oven just like yours. Only flour which acts the same every time is allowed to go out to you. Thus you know in advance exactly what your results will be.

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Please accept, free of charge, simplified recipes for 12 of Betty Crocker's most delicious bakery creations. Recipes for the daintiest cakes, the finest cookies, the most popular pastries known. Each one is "simplified" until it is remarkably easy, too.

All 12 of these simplified "Kitchen-tested" recipes are inside every sack of GOLD MEDAL "Kitchen-tested" Flour. You can get a full set today—simply ask your grocer for GOLD MEDAL "Kitchen-tested" Flour. WASHBURN CROSBY COMPANY.



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GOLD MEDAL FLOUR "Kitchen-tested"

Always sold in trade-marked sack—never in bulk

There are some men who build a \$100,000 house in the country and move into it to get out of society.

There's a Cramp Remedy for cramp, coughs, and colds. No opium. No nausea. Druggists. Keils Co., Newburgh, N. Y. Mfrs.—ADV.

Castles in the air cost a vast deal to keep up.—Balwer Lytton.

Advertisement for Dr. Boice's Prescription Tablets, featuring a portrait of a man and text describing the medicine's benefits for various ailments.

Advertisement for Garfield Tea, describing it as a grandmother's remedy for stomach and intestinal issues.

Advertisement for Dr. J.D. Kellogg's Asthma Remedy, claiming to be a no-spending, restful cure for asthma.

Advertisement for Roman Eye Balsam, a remedy for eye ailments.

Peculiarity in Home of Thomas Jefferson

Monticello, historic home of Thomas Jefferson, has many oddities which excite the popular interest, says an article in Pathfinder Magazine. For example, it is a home without beds. The master slept (and died) on a cot of his own contrivance located in an opening between his study and what should have been his bedroom. He was able to jump out of it into either room. The cot was so arranged that it was raised to the ceiling during the daytime to leave a passageway between the two rooms.

There are unfounded tales that Jefferson was afraid of his life and took this means to insure safety. One basis for this, probably, is the secret room directly above his bed which has porthole-like openings in the walls, formerly covered by pictures, through which supposed bodyguards could fire down on intruders if need be.

Student's Thrilling Ride

G. M. Smith of Lakewood, Ohio, took his first lesson as a student pilot in a runway plane. Accidentally the throttle was left open when Smith's instructor cranked the engine. The plane roared down the field with a very much frightened student aboard. "I pressed the right rudder to avoid a house," Smith said, "and crashed into a tree. I scrambled out as quick as I could." He was unhurt and soon was ready to continue the lesson.

Now, just how could we "contribute to the happiness of others?" Perhaps, merely by keeping still.

Too many people take advice that doesn't belong to them.

Advertisement for Anserol Rub, a remedy for various ailments like sore throat, colds, and coughs.

Advertisement for Anserol Rub, emphasizing its effectiveness for various ailments and its safety.

Suits Everybody

"The careful man carries accident insurance." "Makes a good risk, too."

Constipation generally indicates disordered stomach, liver and bowels. Wright's Indian Vegetable Pills restore regularity without griping. 25c a box. 372 Pearl St., N. Y. Adv.

No drug cures for cancer are sold in the interstate drug trade today, according to government officials enforcing the food and drugs act.

Advertisement for Kieffman Lock Snare Co., featuring various traps and snares.

Advertisement for No-Odor Cigar Ash Receiver, a gift for Xmas and birthdays.

Advertisement for Sunshin E, a health giving product for winter.

Advertisement for Parker's Hair Balsam, for restoring color and beauty to hair.

Advertisement for Floreston Shampoo, for use in connection with Parker's Hair Balsam.

Advertisement for Money and Independence, a financial opportunity.

Advertisement for Bayer Aspirin, highlighting its effectiveness for various pains.

Advertisement for Binoculars, emphasizing their quality and ease of use.

Advertisement for Toria, a medicinal product for various ailments.

Advertisement for a product related to eye health or vision.