

TOMORROW'S SKY PIONEERS

Fascination of the Air Now Gripping the Modern Youth, Whose Experiments With Airplane Models Give Promise of Continued American Leadership in Aeronautics.

Who will be the Lindbergh of tomorrow? What daring adventurer of the future will be first to encircle the globe in a non-stop flight? Who will build the giant, transatlantic air liners, and the tiny planes from which commuters may land on the roofs of their office buildings?

Great figures these will be, and no longer fantastic are dreams of their coming achievements. The world has now learned it can scoff at nothing. It has seen too many of its wild imaginings become commonplaces of the next generation.

Our giants in the aviation of the future probably can be found among the American boys who have turned recently for their diversion to a new fascination of the air; who unbeknown to large numbers of more "practical minded" adults—probably more sluggish and worldly adults—have been building models of airplanes that reflect in amazing fashion the ingenuity and dexterity of youth in America.

For these airplane models are not inert bits of sticks. They fly! Some of them fly a mile and a half. Others, armed with sharp pins, pounce up and pop "sausage balloons," or circle gracefully to the ceiling of some large hall or coliseum—seldom striking the top—and descend with the same graceful sweep.

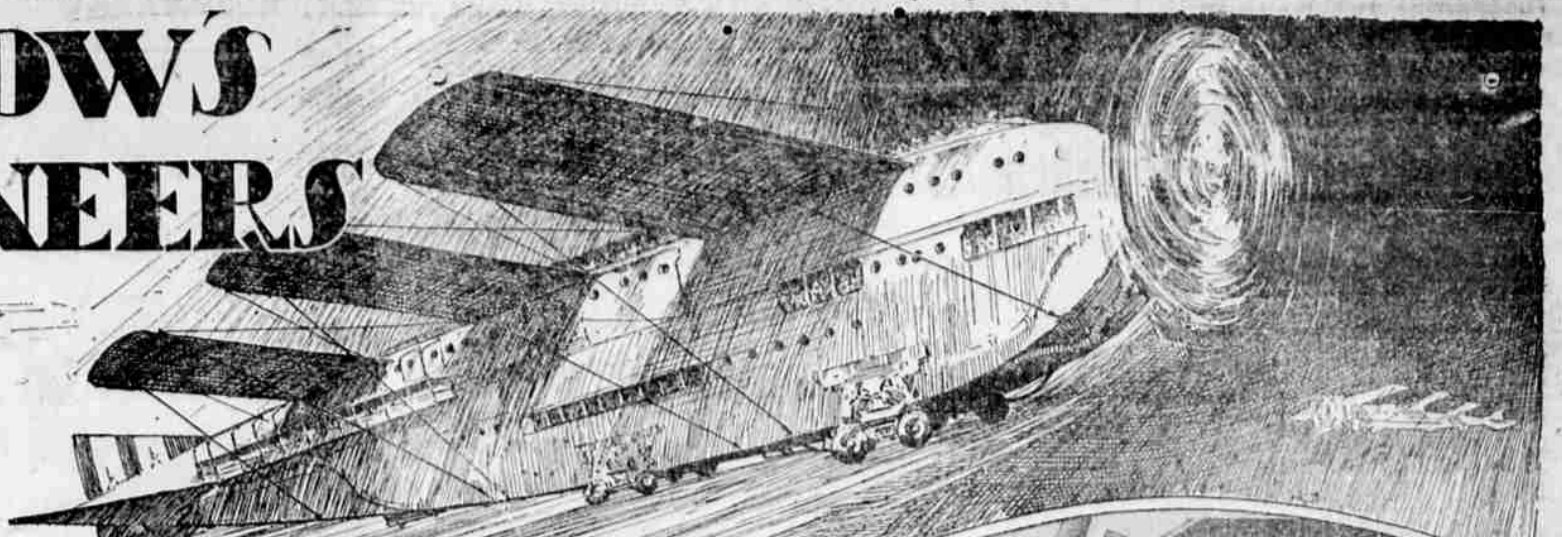
Famous Planes in Miniature

Still others are exact duplications of man-carrying ships. They don't fly, but they reproduce, in miniature, even minute engine parts and control members of the large ship. Most of these non-flying models, growing into finished form in the basement factories of the country, are models of Colonel Lindbergh's famous "Spirit of St. Louis," the great Ford Tri-motor all-metal, 14-passenger ship, and the speedy pursuit ship—the Curtiss Army Hawk.

The business of building model airplanes started when the country turned seriously to the development of commercial aviation and to the task of making citizens "air-minded." It has obtained tremendous impetus within the last two or three months, and now has hundreds of thousands of boys, and thousands of girls, have become actively interested. They work as individuals, or as members of an Airplane Model Club, affiliated with the Airplane Model League of



Lieut. Commander Richard E. Byrd, Honorary President of the Airplane Model League of America, who says building models is the first step in learning the principle of aeronautics.



Officers of the First Pursuit Squadron at Selfridge Field, Detroit, examining the outdoor plane of Jack Loughner, of Detroit, present national outdoor flying champion with airplane models.

America, an organization created by The American Boy magazine.

This organization will give the youth of the country a chance next June to determine the national championship at the official airplane model contest, approved by the National Aeronautic Association, in Detroit. The builders will compete for the sustained flight of their indoor and outdoor models, and the perfection of the non-flying—or scale—models.

Trophy for Each Class

The contest will consist of the Mulvihill outdoor and Stout indoor competitions, and the competition for the best scale model of a man-carrying ship. Each contest is divided into a Class A, open to everybody, and a Class B, open to boys of 15 years and younger, although these boys, of course, may enter for Class A. In each class

of each contest there will be a trophy, eight money prizes ranging from \$200 to \$10, four gold medals, four silver medals, twenty-five bronze medals, and an honor certificate to every boy that enters.

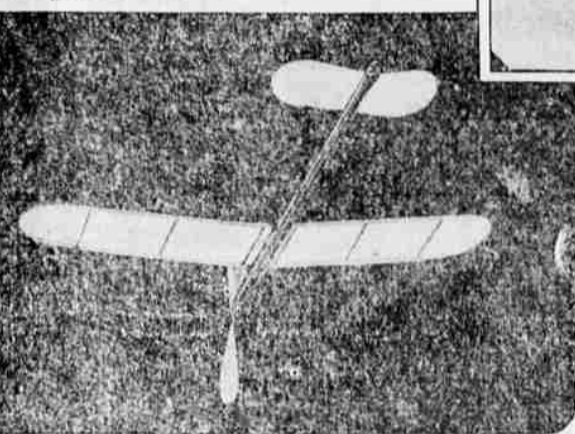
In addition, the two boys who win the Mulvihill and Stout contests will be taken on a trip to Europe to exhibit or contest against boys in London, Paris and Geneva.

Airplane models obtain their power from twisted rubber. As the elastic band unrolls it turns the small propeller, sending the model

far into the air. The plane rises from its own landing gear or is launched from the hand and after the rubber can give it no additional forward movement, it glides to earth smoothly. For boys who by experience have learned the mastering of the craft it makes a smooth landing on its own wheels or bamboo skid without damaging its thin wings of tissue and wood.

Circles About Posts

Thus have the outdoor airplane models flown for a mile and a half, to the amazement of many who have witnessed the performance.



One of the "flying sticks" which the youthful builders of airplane models know as the "pusher," because the propeller is behind the wing pushing the plane forward. It flies with the small end to the front and has made a sustained flight record of 150 seconds.

The graceful indoor models are controlled in their flight by bending the rudder and slightly warping the wings, and boys dexterous in their operation send them in circles about posts and chandeliers without striking, or even touching for a time at a definite elevation, perhaps a few inches below the ceiling. That which is not as difficult as it seems is indicated by the fact that The Airplane Model League of America has been receiving at its headquarters in the American Building in Detroit on an average of about 3,000 letters daily from boys making and flying model airplanes. The League answers

all airplane model questions without charge. While airplane models may be made from an old shingle and some brown paper, it was evident at the outset that winners in the national competition would use selected materials, which were difficult to obtain. The wood must be light if the plane is to be given any flight. Arrangements were made to supply those who enter into the competition with materials on a cost basis, and a small factory for the preparation of model airplane parts was set up in Detroit. The demand thus far has been ten times what was anticipated.

Wood Lighter Than Cork

The chief element in the models is balsa wood, which grows in South America, chiefly in Ecuador, and has half the weight of cork. The balsa is a fast growing tree, reaching eleven feet, from the seed, in the first year. Japanese Imperial Lignum, which is almost as thin as cobwebs, although maintaining a stout resistance, even to a strong wind, is used to cover the wings

and tail surfaces. The ribs and part of the framework are of hair-thin bamboo and the propeller is carved by the boy from balsa. Making this propeller is one of the principal factors in the success or failure of the plane. A good propeller is shaved so thin that light shines through it. The motor is a double or multiple-strand of rubber, running from the front of the plane to the rear, which may be twisted—in the case of larger models—as many as 1,200 turns. The other requirements for an airplane model that will fly are fine piano wire, glue, banana oil and tin washers. Griffith Ogden Ellis, editor of The American Boy magazine, conceived the idea of bringing airplane models to the attention of the boys of the country so that the official contest would stimulate real effort, teach boys better craftsmanship and be representative of the country as a whole. Many leaders in aviation see great value from the manner in which the movement has been received.

HOUDINI'S SPIRIT FAILS TO SHOW UP FOR HUGE REWARD

NEW YORK, April 25.—(AP)—An attempt by a self-styled medium to materialize the spirit of Harry Houdini before a critical audience was classed as a complete failure today.

The attempt, which was made at the offices of Science and Invention, a publication which has offered a prize of \$5,000 for any phenomenon that cannot be duplicated or explained by natural, scientific means, Mrs. Houdini, the widow of the magician, who attended the seance, also has offered \$10,000 to anyone who will bring her a ten-word message her husband wrote during life and which he told her he would repeat after death if possible.

The medium, Nino Pecoraro, a portrait painter from the Bronx, was stripped, then dressed in a white shirt and trousers, strapped to a chair, tied hand and foot with ropes and the mittens he wore were sewed to his shirt sleeves. All were placed behind a black curtain and lights were turned out. After a short while a voice purporting to be that of his "spirit control" came from behind the curtain saying that Houdini would "come through." The voice said she would count three in Italian and then the cameras which had been prepared to photograph anything that might appear were to "shoot." But no materialization took place, although several times what was purported to be the voice of Houdini was heard.

At the conclusion of the seance, Joseph Dunninger, chairman of the Science and Invention's committee, said he could duplicate by natural scientific means within far less time all that Pecoraro had accomplished in two hours.

SENATE REVISES TAX SLASH BILL

WASHINGTON, April 25.—(AP)—The senate finance committee today completed its work of revising the house tax reduction bill and Chairman Smoot announced he would ask the senate to begin consideration of the \$22,500,000 measure on next Thursday.

A formal report was withheld

by the committee until it had an opportunity on Monday to look over a print of the revised measure. Many administrative changes were made in the house bill in addition to cutting down the total proposed reduction from \$229,000,000 to meet the limitations set by the treasury.

While the Swing-Johnson Boulder canyon dam bill is before the senate and there is no likelihood of a vote on it before next Thursday, Senator Smoot said he expected to obtain consent to have the tax bill taken up that day and if necessary to have the Boulder dam measure temporarily laid aside.

With the lines pretty definitely drawn for the tax fight, senate leaders expect it will be possible to dispose of the bill within a week or ten days.

EASTERN BOXERS WIN A. A. U. TITLES

BOSTON, Mass., April 25.—(AP)—The eastern boxers carried off most of the honors in the A. A. U. national amateur championship tournament which ended here this morning after three days of boxing. Seven of the eight national titles were won by boys from Massachusetts, New York and Pennsylvania and the other championship went to California.

Two New Yorkers, Tommy Lown and George Hoffman, won national titles for the second consecutive year. Lown successfully defended his welterweight crown and Hoffman, who had outgrown his 175-pound title, replaced it with the heavyweight championship.

BOXING LAUDED BY NOTED PREACHER

NEW YORK, Apr. 25.—(AP)—The Rev. Dr. S. Parkes Cadman, pastor of the Central Congregational church, Brooklyn, and president of the federal council of churches of Christ in America, extolled athletics last night after climbing through the ropes of a boxing bout.

The match was held at the clubhouse of the Brooklyn-Manhattan Trust company. After the bout Dr. Cadman told the spectators he wouldn't mind putting on the gloves himself for 15 minutes or so.

Sports, he said, developed body and mind and taught self-reliance, and ascribed to his early football days the fact that he continues well and active at the age of 63.

CHICAGO FINANCES NEAR DEPLETION, ECONOMY URGED

CHICAGO, April 25.—(AP)—The City of Chicago today had an unappropriated balance of only \$13,300 in its corporate fund, the official report of the City Comptroller, Charles C. Fitzmorris, showed.

Financial experts described the situation as the most acute since 1917, when it was necessary to vote bonds to sustain the corporate fund. The aldermen apprised of the city's financial straits, voted to recall all unexpended appropriations to defer those pending and to direct department heads to use "cavalry economy."

Against the balance of \$13,000 now on hand, the city has emergency needs and incurred obligations calling for expenditures of \$1,045,421. This means that if most of the city were to pay up all its obligations, it would be \$1,032,121 in debt and would have nothing to spend until the beginning of the next fiscal year.

SANDINO HOST TO YANKEE ENGINEER

WASHINGTON, April 25.—(AP)—State department advisers today said G. B. Marshall, American manager of La Luz mines in Nicaragua, is still held prisoner by Sandino's forces. Consul Samuel J. Fletcher at Bluefields telegraphed:

"The only employee of La Luz Mining company in danger is G. E. Marshall. Rumors indicate he is still in the hands of Sandino but is being well cared for at Bonanza mine, where, according to rumors, Sandino is entrenched."

INDIANA BANKERS GIVEN SENTENCES

FORT WAYNE, Ind., April 25.—(AP)—Clyde A. Wark, former re-

publican chairman and former vice president of the First National bank of LaGrange, Ind., today was sentenced to four years in Leavenworth federal prison for violating the national banking laws.

Valentine D. Weaver, former president of the bank, who pleaded guilty to the same charge, was sentenced to two and a half years at Leavenworth.

No fines were assessed against either defendant.

Testimony during the trial, which started last Monday, was that \$81,000 in forged paper was placed in the bank which later failed. Wark's attorneys had no statement to make, but the former republican state chairman was said to have indicated to friends last night that no appeal would be taken.

HUNGARIAN RED CHIEFTAN NABBED

VIENNA, April 25.—(AP)—Bela Kun, Hungarian communist, has been arrested here.

Bela Kun was head of the short-lived communist government which he organized following the world war. He was forced to flee to Vienna in August, 1919.

Bela Kun said that he came to Vienna to execute secret orders given him in Moscow which he could not divulge. He opened a so-called commercial office in the seventh district where he received many Hungarian emigrants. Police said that Kun entered Austria with a false German passport but admitted his identity when confronted by a guard of the insane asylum where he was interned in Vienna in 1920.

The authorities expressed belief that Kun had no subversive intentions toward Austria but was preparing the cause of a Hungarian revolution for the purpose of establishing a dictatorship in Hungary. This, they said, was indicated in a vast quantity of Hungarian propaganda material found in his possession.

BASSETT RESIGNS JUDICIAL PLACE ON LEAGUE COURT

GENEVA, April 25.—(AP)—John Bassett Moore, American judge on the permanent court of international justice since 1921, announced his resignation today.

The resignation opened up the entire question of America's relation to the court and whether the United States would finally join it. Some circles believed that the election of an American as a successor were Charles Evans Hughes, Chief Justice Taft, Elihu Root, John V. Davis and George W. Wickersham.

The election will be made by the next council of the League of Nations and the assembly, both voting separately.

American nominations under the constitution of the court must be made by the American group of the old Hague court of arbitration which includes Mr. Moore, Mr. Root, Judge Gray and Oscar Straus.

Mr. Moore in forwarding his letter of resignation to Sir Eric Drummond, secretary general of the League of Nations, explained that he was withdrawing to devote his entire time to the completion of a mammoth treatise on international law. This will comprise 75 volumes.

BIGBEE RELEASED, WEAK AT PLATE

PORTLAND, April 25.—(AP)—Carson "Skeeter" Bigbee, outfielder of the Portland club of the Pacific Coast league, was given unconditional release today. He has batted less than .500 since the start of the season.

Bigbee was picked up by Thomas L. Turner, president of the Portland club, after Seattle released him last summer. Between July 1 and the end of the season, he averaged .294 at bat.

Orlin Berry, 19-year-old Saw-

PUBLISHER LAUDS AMERICAN BOY

NEW YORK, Apr. 25.—(AP)—For vision, industry, enterprise and public spirit, in the words of Adolph S. Ochs, the American boy has no superior, if he has a peer. The publisher of the Houston Chronicle, Harry Chandler, publisher of the Los Angeles Times and Colonel Robert Ewing, publisher of the New Orleans States, Mr. Ochs noted that much was said about the emigrant who rose to fortune, but attention was not called so often to the boy indigenous to the soil, whose ancestry harked back to the pioneering days and who rose to renown. He termed his guests three remarkable men of the latter type.

FAMILY ARMISTICE MURDER CLIMAXED

DONORA, Pa., April 25.—(AP)—Three persons were dead and a fourth was reported in a critical condition today as a result of a husband's attempt to patch up marital differences with his wife, Andrew Lacin, 55, was shot to death yesterday by his son-in-law, John Fencsall, 25, by the latter's home at Monongahela. Fencsall wounded his mother-in-law and Fencsall died later.

Mrs. Fencsall's condition was described as serious.

The shooting followed an argument growing out of Fencsall's efforts to have his wife return to him.

PARACHUTE FAILS, GENERAL KILLED

ROME, April 25.—(AP)—Lieutenant-General Alessandro Giudoni, former Italian air attaché at Washington, was killed today when a parachute with which he jumped

INVALID HELD AS WIFE MURDERER

MIAMI, Fla., April 25.—(AP)—Having slain the wife who cared for him 14 years, a wheel-chair invalid was in jail here today on a charge of murder.

Hort Campbell, 57, the prisoner, declared he shot the woman last night because he had just learned he could not divorce her. He surrendered to police he had called and was carried to jail in the invalid's chair without which he cannot move. He slept well, professing no interest in consequences of the affair.

GIANTS OWNER IS PAINTED BLACK

NEW YORK, April 25.—(AP)—Charles A. Stoneham, president of the New York Giants, was held liable by the appellate division of the supreme court today in two test suits brought by former customers of his brokerage business whose accounts had been transferred to brokerage houses which later went into bankruptcy.

"A bold and deliberate conspiracy, fraudulently to convert on a large scale," was the way the court opinion characterized the transactions.

Oregon News in Brief

SALEM, Ore., April 25.—(AP)—Loreella Burnside, 17, considerably in the limelight several months ago, is again an escapee from the state institution for the feeble minded having been reported missing Wednesday night along with Tom Larson, 18, another inmate. Burnside's first escape took her to Bridal Veil where he was given shelter by relatives and

placed in the care of G. U. Snapp, of Salem, who chanced to be there. Snapp claimed the boy was not feeble-minded and insisted on an investigation of the institution. He took his complaint before the state health authorities, who were of the opinion the boy should be in custody of the institution.

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