PILOT TESTS STRICT IN FRANCE

PARIS, May 28. (AP)—A new set of marks must be toed in France by candidates for private pilot licenses.

Licenses divided into two classes, for land planes and seaplanes, entitle holders to carry out only strictly private pleasure flights.

Candidates must pass a physical examination, be at least seventeen years old, and have spent fifteen hours in the air with at least twenty landings alone in less than a month.

A pilot must shut off the power at least 1,968 feet in the air and land within 492 feet of a fixed point without damage to his plane.

His skill is tested by turns around buoys or posts and a series of five figure-of-eight turns between the markers. During the tests he neither can touch land nor water nor be higher than 656 feet.

One of the tests for a seaplane candidate is to approach a seaplane with a rowboat.

IT PAYS TO ADVERTISE IN THE AGE

LEGAL NOTICES

NOTICE TO CONTRACTORS

Bids Wanted For Highway Improvement

Sealed proposals will be received by the undersigned at 2:30 p m., July 1, 1931, for furnishing, applying and mixing asphaltic fuel oil with the roadway surface in Clark County, between the West Slope of Mormon Mesa and the Lower Virgin River Bridge, a length of 19.68 miles.

Plans and specifications will be ready for examination about June 15, 1931, at the office of the undersigned: the County Clerk's Office at Las Vegas; the Highway Department Division Offices at Reno and Las Vegas; and at the District Office of the Bureau of Public Roads 461 Market Street, San Francisco. Plans, form of proposal, contract and specifications may be secured through the office of the undersigned on and after June 15, 1931. No charge will be made for plans and specifications. Bids must be on the proposal form of the Highway Department and must be accompanied by a certified check in the amount of five per cent (5%) of bid.

Right is reserved to reject any or all bids.

S. C. DURKEE,
State Highway Engineer,
Carson City, Nevada.
m15 to m29 inc.

NOTICE TO CONTRACTORS

Bids Wanted For Highway Improvement

Sealed proposals will be received by the undersigned at 2 p. m., June 3, 1931, for the construction of a portion of the State Highway System in Clark County, between Fifth and Fremont streets and the Southeast City Limits in Las Vegas, a length of 1.32 miles. The work will consist of grading, construction of structures and placing of surfacing material.

Plans and specifications may be examined at the office of the undersigned: the County Clerk's Office at Las Vegas; the Highway Department Division Offices at Reno and Las Vegas; and at the District Office of the Bureau of Public Roads, 461 Market Street, San Francisco. Plans, form of proposal, contract and specifications may be secured through the office of the undersigned. A deposit of fifteen dollars ($15.00) is required for each copy of the plans with specifications, ten dollars ($10.00) of which will be refunded upon return of the plans in good condition within thirty (30) days after the opening of bids. Bids must be on the proposal form of the Highway Department and must be accompanied by a certified check in the amount of five per cent (5%) of bid.

Right is reserved to reject any or all bids.

S. C. DURKEE,
State Highway Engineer,
Carson City, Nevada.
m19 to ju2 cd

SUMMONS
No. 2744

In the Eighth Judicial District Court of the State of Nevada, in and for the County of Clark

J. D. UTLEY, Plaintiff,
vs.
LOUISE MOISANT UTLEY, Defendant.

The State of Nevada Sends Greetings to Said Defendant:

You are hereby summoned to appear within ten days after the service upon you of this Summons if served in said County, or within twenty days if served out of said County but within said Judicial District, and in all other cases within forty days (exclusive of the day of service), and defend the above-entitled action.

This action is brought to dissolve the bonds of matrimony heretofore and now existing between the plaintiff and the defendant herein, on the ground of willful desertion of plaintiff by defendant for a period of one year, as fully appears in plaintiff's complaint on file in said action, to which reference is hereby made.

Dated this 2nd day of May, A. D. 1931.

(Seal)

WM. L. SCOTT, Clerk of the Eighth Judicial District Court of the State of Nevada in and for Clark County, Nevada.
By Dorothy Keeler, Deputy.
H. S. Laney, Attorney for Plaintiff,
117 Carson St., Las Vegas, Nevada.
m8-15-22-29 ju5-12

ROCKET MAKER SEES FAST FLIGHTS

By WADE WERNER

BERLIN, May 27. (AP) — Around the world in ninety minutes is the modest goal Germany's rocket enthusiasts have set for themselves as a sort of preliminary to journeys to the moon and planets.

As yet no passenger-carrying rocket, even for earthly distances, has been demonstrated here, but Reinhold Tiling, inventor of the sailplane rocket recently shown at Osnabrueck, is so confident of its safety and practicality that he plans to build one big enough to carry himself aloft before the end of the year.

Tiling's rocket goes up like a bullet, then spreads wings to descend like a sailplane.

AIM AT STRATOSPHERE TRIAL

Most of the rocket designers agree that no rocket will show what it really can do until it is given enough power to climb into the stratosphere, that outer layer of the atmosphere where air resistance practically doesn't exist. There speeds around 3,000 miles an hour are theoretically attainable.

The rarity of the atmosphere at altitude of 50,000 to 200,000 feet would handicap or disable the ordinary airplane, powered as it is by an engine which must suck in oxygen, and driven by a propeller which must "take hold" of the air to be effective.

For the rocket-plans these would be no handicaps, as the rocket principle of propulsion by recoil functions even in a vacuum—better, in fact, because of the absence of air resistance.

ACROSS OCEAN IN HOUR

Once operating in the stratosphere, rocket-planes could cross the Atlantic in a little more than an hour.

To take full advantage of the possibilities of recoil-power, however, contend the rocket enthusiasts of the Verein fuer Raumschiffahrt (Society for Space-Ship Travel) an altitude of six hundred miles should be utilized.

At such an altitude the pull of gravity would be balanced by centrifugal force, and a rocket running out of fuel at that height would, if left to itself, circle the earth indefinitely.

COMMUTERS FLOOD PARIS

PARIS, May 27. (AP)—Three hundred thousand persons living in suburbs come in to Paris each day at the St. Lazare station, 150,000 of whom travel less than four miles. Between 6:15 p. m. and 7:15 p. m. the trains rush home more than eight hundred commuters a minute.

OLDFIELD TO WAVE FLAG

INDIANAPOLIS, May 27. (AP) — Barney Oldfield, the first nationally known figure in automobile racing, will be the starter in the 500-mile contest at the Indianapolis motor speedway May 30.

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ELLA CINDERS—What's It All About?

By Bill Conselman and Charlie Plumb

NEW 'YARDSTICK' MEASURING X-RAY 'DOSE' MAY INCREASE EFFECT IN CANCER CASES

By F. B. COLTON
(Associated Press Science Writer)

WASHINGTON, May 27. (AP) — Cancer patients may receive more benefit from X-ray treatments in the future because a government scientist has found a way to standardize X-ray "doses" as accurately as doses of medicine.

Lauriston H. Taylor, physicist and X-ray expert of the United States bureau of standards, has developed what is believed to be the first portable "X-ray yardstick," a standard unit for measuring intensity of all X-rays. It is known technically as a portable standard ionization chamber.

Few physicians at present give the maximum dose prescribed in X-ray treatments, Taylor points out, because they can not measure the dose accurately and fear burning the patient with an unintentional overdose.

An older type of ionization chamber was too unwieldy to be carried about to compare the strength of different X-ray machines.

Such a chamber consists of two electrically-charged metal plates about five inches apart.

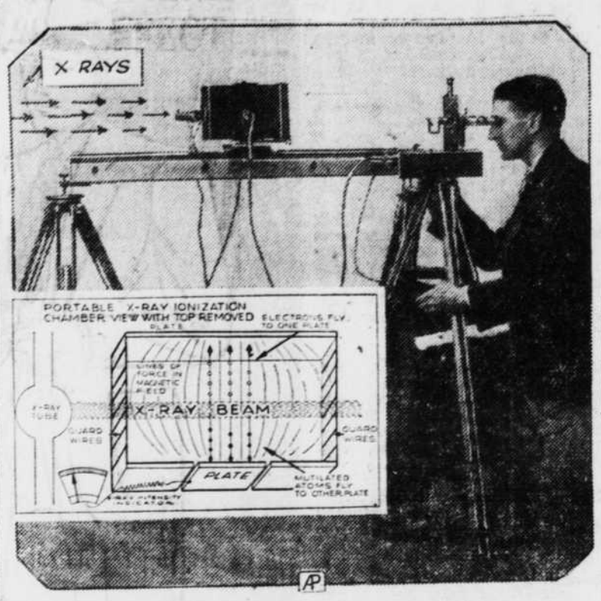
The X-ray beam is passed through the electric field and splits electrons off from the atoms of air in its path.

The electrons fly to one plate, the mutilated atoms to the other, both following straight along the lines of force.

The amount of mutilated atoms striking the plate is registered on an indicator, revealing the strength of the X-ray.

The lines of force, however, tend to "bulge" outward, curving the straight route that the electrons and mutilated atoms should travel. To correct this tendency the old-style ionization chamber had very long plates, making it unwieldy.

Taylor found another way to keep the lines of force from curving, by putting a row of charged guard wires across each end of the chamber.



Lauriston H. Taylor of the bureau of standards believes that his new X-ray yardstick may permit more scientific use of the rays in cancer cases. Diagram illustrates the principle of Taylor's new type "ionization chamber."

BRIDE WHISPERED "NO"

CLEVELAND, May 27. (U.P.)—Henry A. Rupert won a divorce from his wife, Hattie, because, he said, she repudiated her marriage vows at the very moment the ceremony was performed. "The justice of the peace asked her if she would promise to love, honor and obey me," Rupert related. "She said, 'I will,' and then under her breath she muttered, 'not.'"

WILL TRY MESS BOY

MOBILE, Ala., May 27. (U.P.)—William Temmerman, 21, messboy aboard the Dutch steamer Delfshaven, will be returned to Holland to face murder charges, the outgrowth of a quarrel aboard ship in which Charles Vande Berge, the steward, was fatally wounded. The fight occurred thirty miles off the Florida coast.

SHRINERS INVITED TO CUBA

HAVANA, Cuba, May 27. (U.P.)—Plans are under way in Havana this week to observe American Independence day, July 4, with a second rousing gathering of Nobles from the various temples of the Southern Shrine. Mayor Tirso Mesa, head of the Cuban National Tourist commission, has sent invitations to the potentates of eight American temples asking them to repeat the visit they made here last year and at the same time advising them of Cuba's plans for this year's fete.

HERO MEDALS FOR DOGS

CHICAGO, May 27. (U.P.)—Dog heroes in seven midwestern states this year will be awarded bronze medals for outstanding feats of intelligent service, the National Anti-Vivisection society has announced. Indiana, Missouri, Wisconsin, Iowa, Michigan, Nebraska and Minnesota are the states in which the society announced it will award medals twice annually to the dogs selected by a jury of nationally famous dog lovers.

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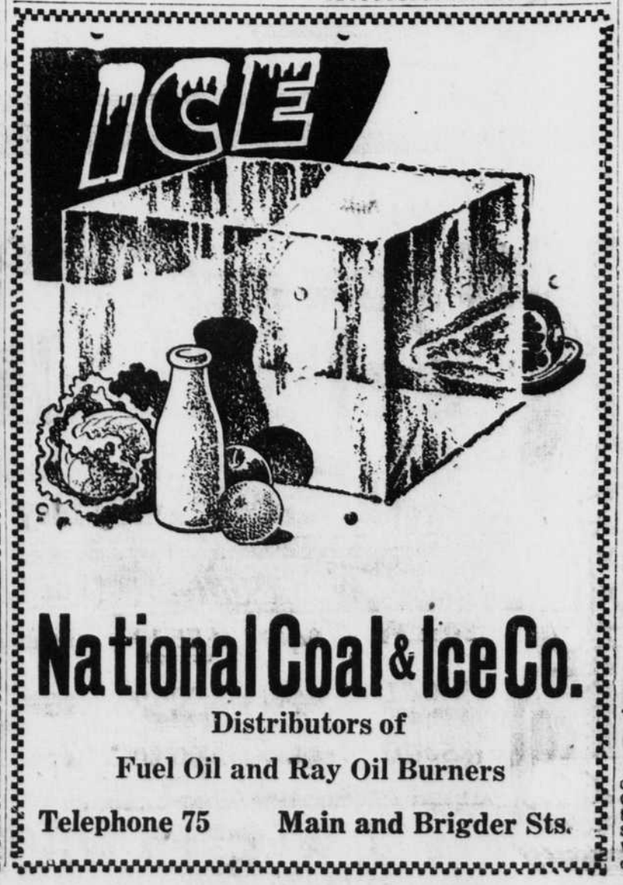

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CHICAGO GETS ANTELOPES

CHICAGO, May 27. (U.P.)—Five specimens of the bongo, one of the rarest and handsomest of all antelopes, have been received at the Field Museum of Natural History. They were sent from Africa by Captain Harold A. White, New York City, who is leading an expedition for the museum in Central Africa.

CADETS ON LONG CRUISE

BOSTON, May 27. (U.P.)—The Massachusetts Nautical schoolship Nantucket, with about 100 cadets aboard, has started on its annual foreign cruise which this year will cover 11,087 miles. It will proceed to Gibraltar and thence to Athens, Istanbul, Milos, Malta, Algiers and returning will call at Madeira.

ADD DILEMMAS

Suppose the boy born 4,000 feet in the air over Manitoba becomes a national figure; what's to be done about a bornze tablet on his birthplace?—Detroit News.

Fraternal Notices

Vegas Lodge No. 32, F. & A. M.
Stated Communications first Monday of each month at Masonic Hall at 7:30 p. m.
Special Communications, work requiring, as announced each month. Visiting brothers are welcome.
J. W. WILSON, W. M.
Claude Haff, Secretary.

I. O. O. F.
Gateway Encampment, No. 23, meets first and third Wednesdays of each month. Visiting Patriarchs cordially invited.
L. L. ARNETT, Chief Patriarch.
P. L. CHRISTENSEN, Scribe

B. P. O. E.
Las Vegas Lodge No. 1468
Meets every Thursday evening at 7:30. Club rooms open from 11:00 a. m. to 12 p. m. Visiting brothers cordially welcomed.
R. W. THOMAS, Exalted Ruler.
P. J. GALLAGHER, Secretary.

Artesia Lodge No. 43 I. O. O. F.
Meets every Monday night at 7:30 P. M., Eagles' Hall, Fremont St., between First and Second.
Visiting brothers cordially welcomed.
N. G., E. D. COLVILLE
Secretary, E. L. SMITH

Southgate Chapter No. 18,
Order of the Eastern Star. Meeting second and fourth Mondays of each month at 7:30 p. m. at Masonic Hall. All visiting members cordially welcome.
Helen L. Scott, W. M.
Minnie Davison, Sec.

CHRISTIAN SCIENCE SOCIETY
Christian Science society, branch of The Mother Church, The First Church of Christ, Scientist, in Boston, Mass., meets in Economy hall. Services, Sunday at 11 a. m., on Wednesday eve at 7:30 p. m., Sunday school at 9:30 a. m.

EXOTIC FLORA GROWN EASILY

ST. LOUIS, May 28. (AP)—Invention, mothered by necessity, may bring this city fame into a field hotherto virtually monopolized by England—orchid hybridization.

Spurred by an embargo on importatio nof the exotic flowers into the United States, Dr. George T. Moore, director of Shaw's garden, set to work growing orchids from the seed. Despite disadvantages in climatic conditions, such as lack of moisture and uniformity of temperatures, he has been so successful that three new greenhouses were necessary to house the expanding collection.

A growing process developed by one of the garden staff has produced 20,000 seedling hybrids of the ornate Cattleyas alone.

PIGEON RACING POPULAR

PORTLAND, Ore., May 27. (U.P.)—Pigeon racing here is a popular sport. Members of the Portland Racing Pigeon club held a race recently. Their entries were required to cover a 75-mile course between Portland and the Dalles along the Columbia river. Willamette Chief flew in record time of 1,742.66 yards a minute or just short of a mile a minute.

TEACHES 43 YEARS, RESIGNS

SHEBOYGAN, Wis., May 27. (U.P.)—When Edward Smith, 64, conducts his last class at the end of the present term at Trinity Lutheran school, he will have completed forty-three years of school teaching. He has submitted his resignation to directors of Trinity school where he has served for thirty-nine years.

A. W. Murphy, superintendent of a Sunday school in Shenandoah, Iowa, for years, has been elected to the office for life.

Classified

BUSINESS

SPECIAL—Paint $1.75 gal., roofing paper $1.35 roll, oil $1.00 gallon, zinc and lead 100 lbs. $14.90, turpentine 55c gallon. The Peoples Store, Fifth nad Clark, opposite school. Phone 493. 60tf

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