

SCIENTISTS DEVELOP AERO SAFETY DEVICE

Flying Seismograph to Detect Weaknesses in Engines.

(By Collins News Service.) CAMBRIDGE, Mass., April 15.—Development of a seismograph for airplanes to record engine vibrations, was announced this week at the Massachusetts Institute of Technology.

These seismic shocks of flying have been one of the baffling problems of aviation. Their waves could be felt through a plane, but their "epicenters" the point in the machine that made them, could not as a rule be located.

With increases in power and speed the flying shocks have risen to the point where they often cause rapid weakening and breakage of parts. Discovering the "epicenters" has proved essential in ending the danger.

The flying seismograph will pick up the shocks from one or several different parts of the engine, simultaneously, and record them all at the same receiving station, which can be set up at any convenient point in the ship.

A very small seismograph is bolted to the part of the engine, or plane, suspected as the source of danger. Within the housing is a magnet free to move with the vibration.

A coil of wire is placed in the intense magnetic field so that every move induces an electrical current which is picked up and transmitted to the central recording station.

There it moves a beam of light recording in visible waves, by fractions of seconds, and with heights proportional to the force of the vibration.

The seismograph already has enabled engineers to stop the vibration that has broken crankshafts and caused propellers to snap off in the air.

The new instruments were developed jointly by the institute and the Bureau of Aeronautics of the navy, and were described in a report by Prof. C. S. Draper and G. P. Bentley.

Colonel Oury Says New Band Uniforms Will Show Kansas

"We'll show Kansas yet," muttered Colonel Oury as he left the stadium where he had personally supervised the display of the new band uniforms at the final band practice of the week. The new scarlet and cream band garb with its accompanying crown of cocky plumage was decided upon at a band banquet about a month ago and the sample outfit was received by the military department last week.

Dissatisfaction with the Nebraska ka band was expressed here after the appearance of the Kansas band at a football game. The resulting agitation ended in a decision by the military department to abandon the old uniforms in the military grey. The new outfits are to be purchased out of the federal allotment for the R. O. T. C. band.

With cream striped scarlet trousers and cream coats dotted with gold buttons and bands of scarlet, the new uniforms are

termed the snappiest that can be had by the military department. The uniforms permit of several combinations by virtue of both red and white plumes for each suit and the possibility of wearing a black tie, white shirt front instead of the closed neck jacket style of the regular uniform.

Another feature of the band at its fall appearance at football games besides the new uniforms and the reduction of size from 160 pieces to 100, will be the new marching step which the organization has been mastering during spring drills. Drum Major Ledwith stated that the band will not only be a high stepping unit, but that several new maneuvers are being worked out.

DEAN UPSON SPEAKS AT SCHOOL ALUMNI MEET

Luncheon in Kansas City Held With Chemical Society.

Dean F. W. Upson of the graduate college was principal speaker at the Nebraska alumni luncheon held in conjunction with the meetings of the American Chemical Society at Kansas City the past week end. Dr. H. G. Deming was the dinner speaker at the luncheon of the division of chemical education.

Dr. B. C. Hendricks, also of the chemistry staff, was co-author of a paper entitled "Constructing and Validating Examinations" given at the sessions of the educational division of the society and was co-author of another paper read before the physical and inorganic meetings entitled "A Polarimetric Study of the Heat of Mutarotation of Sugars."

Prof. F. S. Bukey of the pharmacy staff was the author of a paper entitled "A Study of Enothetic Materials" read before the meeting of the medicinal chemistry division.

MISS RUTH LEVORTON WINS FELLOWSHIP

University Alumna Wins Yardly Award; Will Study for Ph. D.

Miss Ruth Levorton, Lincoln, former student of the university, who received her B. S. degree in home economics in 1928 and her Master of Science degree in 1932, was recently awarded the Yardly Foundation Fellowship, which is offered by the New Jersey Federation of Women's clubs.

According to word received, the fellowship covers the entire expenses of the recipient for one year and will enable Miss Levorton to secure her Ph. D. degree. Preceding the awarding of the fellowship, Miss Levorton attended Merrill-Palmer school in her senior year and was a member of the foods and nutrition staff of Arizona university for two years. For the past two years she has been studying with a fellowship at the University of Chicago.

Viennese Art Work Included in Display in Morrill Gallery

A colorful exhibition of art work by Viennese school children is now on display in gallery A of Morrill hall. About ninety mounts illustrating the work being done in girls' secondary schools in Austria in imaginative, creative, and ornamental drawing will be on exhibit daily until April 27.

SPEAKING OF SPORTS

Max Schmeling has taken the final leap, and was supposed to have left Germany for the United States last Wednesday. Many writers doubted whether he would ever show up in this country for his fight with Joe Louis in June. Schmeling is on the short end of pretty heavy odds that Louis will knock him out before the half way mark of the fight is reached. Of course Max and his few followers are sure that the German boy is just the one to stop Louis's rapid rise to fistic heights. Probably the only way Schmeling could win his coming fight would be on a foul, but Joe will be far too careful to allow anything like that to happen. Probably the fact that Max remembers very well the terrible beating Louis dealt out the last time the Bomber fought accounts for his strenuous training. The German boy has gone through the last few months. Both fighters are supposed to be in the pink of condition, although Joe has been taking it easy lately figuring that he has a little rest due him after his strenuous ring campaign.

Dana X. Bible, athletic director and head Husker football coach, has been solicited for two football coaching schools to take place this summer. Bible plans to accept both, one to be held at Spirit Lake, Ia., August 17-22, the other will take him to Denver the week of July 20-25.

There has been more than a little comment about Lawson Little's actions on the 72 green in the Augusta open a few weeks ago. It seems that Little and Horton Smith, who finally won the tournament, were touring the course together for the last round. This final round wasn't really important to Little as he was already too high in the list to stand a chance to win. Smith, however, was shooting to win and needed every break he could get. On the 72 green the match was at its height. Smith needed two putts to sink a 285 and take the tourney. Both Little's and Smith's balls were on the green with Smith away. According to the unwritten laws it was Smith's turn to shoot first. But before Smith could address the ball little stepped up and sank his putt for a score of 300. Smith then putted out for his 285 and the match. Little explained afterwards that he was afraid the crowd would swarm over the green and it would be impossible for him to take his putt after Smith had finished. Others claim that it was alright for Little to putt out ahead as he showed Smith how fast the green was, and might have relieved a bit of tension. It's every man to his own ideas, however, Little is "in the doghouse" among his golfing friends.

Those who thought they had the winner of this year's Kentucky derby already picked are getting worried about it now. There are two other horses that have shown within the last two weeks a sudden burst of speed and endurance that ought to carry them well to the front in the May 2 classic. The Fighter is one and Indian Broom is another. Both have run their distances in record breaking time, and unless the weight assigned each proves too much they will give the odds-on favorite, Grey Wolf, a run for his money. Grey Wolf and future bookies are quoting all three at very low odds for so far ahead of race time which is an indication in itself that the trio is expected to finish one, two, three.

Probably one of the most potent hard luck omens that can befall a big league ball club is to have a group of sports writers pick them early in the season to finish on top of the heap at the close of the year. That is what has befallen the Detroit Tigers this year. Nearly every sports writer in the country has picked the Cochrane coached squad to repeat their American league win of last year, and Mickey is plenty worried. Sports writers have a reputation for picking the wrong horse, team and ball clubs, and Cochrane is afraid that they will keep their average at the expense of his team.

PLAY MAY 1 DATE IN GRAND ISLAND

(Continued from Page 1). ward Markyton. Included in the double quartet, feature of the production, are Fred Graham, George Markley, John Heinke, Alfred Jensen, Robert Helbert, Charles Reilly, Winfield Elias and Thurston Phelps.

Scene Laid in South. Scene of the play is laid in the sunny south on the porch of the southern mansion which Larry has just inherited. The hero arrives on the scene fresh from college, bringing with him a group of friends who wish to make merry, and his fiancee, Louise. The bride-to-be wants to sell the inheritance as quickly as possible and move to New York to bask in the bright lights and activity of that metropolis. For this purpose she brings a prospective purchaser, her rich Aunt Matilda.

But Carolyn, the neighbor girl, has loved Larry since childhood and has no intention of letting him sell the old family home and leave her life. Her ways and dress, however, are still those of a child, so she visits a beauty parlor and other such feminine institutions to emerge as the finished product. Then she goes to work on Larry. Carolyn has a willing helper in Colonel Horatio Q. Wintergreen, the old family friend, who incidentally develops a romance with Aunt Matilda. On Louise's side is the fact that no money was left Larry to keep up the plantation. He weakens in his New York plans, however, when Carolyn directs her charms at him and looks for a way out.

GRANDEST SHOW WE'VE EVER HAD

Thousands of delighted patrons have told us that it's the greatest hit in 5 years! Gary COOPER Mr. Dress Goes to Town JEAN ARTHUR Shows at 1:00-3:07, 5:15-7:21-9:26. Muts. 25c. Evs. 25c and 40c.

CAMPUS CAPS and GOWNS by the Stylists

It's a season of weddings and picnics—this fine spring weather, and although the two are a bit far apart, they have the old clothes problem to hold them together. Gals who really get around look as trim and sweet on a breezy outing as they do at the marriage of one of the sisters, and since it's a spring of fresh styles and fresher colors, it might be well to replenish that dejected wardrobe. For the co-ed who picnics regularly every Sunday, we'd suggest those new non-crushable heavy linens, in dark colors and plaids, or the even newer cotton challis that holds its shape and launders like a dream. Low heeled brogues, of course, and a bit of a ribbon to keep your hair fairly smooth, and the o. a. o. son with it at the Park, send it to SOUKUP AND WESTOVER'S MODERN CLEANERS. You'll be surprised to find it looking better than the day you bought it.

When Muriel Hook, accompanied by several of the sisters went to meet Bob Leacock in Omaha, she was a bit surprised to see Marcia Jackson, changing trains for points west and deep in a conversation with Mr. Leacock. Could it be the indomitable Miss Hook is being overriden. Hummm.

For that new spring bonnet, felt or straw, try VERA'S HAT SHOP, 14th and "O". A bit old, but still news we trust, is the tale of two D. U.'s who went to Omaha during spring vacation, and had such a good time, that their escorts had to drive on the little sightseeing tour that followed. Interesting, and undoubtedly true, since it came from authentic sources.

When you've spent an entire winter knitting a spring suit, you'll want it perfectly blocked and finished. Evans specializes in that little service, and the rather shapless mass of wool or string will come back looking like the most expensive Miriam Gross or Bradley. Evans clean felt hats too, and those vera new suede gloves that look quite chic until a dust storm hits them. The minimum of charge and maximum of service. Try Evans for your next cleaning.

Alpha Chi Omega's bubbling Elizabeth Bushoe, appeared overflowing with a bit of gore, but when she tried to remember it—pouff! Little proddings brought out that it concerned someone who was trying to meet somebody. A truly amazing bit, and certainly worth printing.

Most of the prize scenes in the picture are those in the school room of the nursery where the maid exerts a magic influence because the children love her and she returns the affection. The spontaneity and unrestrained actions of the children is refreshing after the part playing roles in the American films. Highlights of infant appeal are those of the children trying to protect a rabbit which they think is going to be cooked for their dinner, of the death of the homely little fellow who couldn't smile, and of all the original kids getting dirty or hurt so that they may be tended by the kindly maid.

STATE FAIR FEATURES FIRST BEAUTY CONTEST

Miss Nebraska of 1936 to Win Trip to National Pageant.

Miss Nebraska of 1936 will be presented this season at the Nebraska state fair for the first time in history. The winner of the newly initiated statewide beauty pageant will compete in the national beauty pageant at Atlantic City, N. J. Miss Nebraska will be selected from among the winners of over 200 local pageants, according to Perry Reed, secretary of the state fair. The winner, he asserted, will have all her expenses paid to the Atlantic City contest where she will compete for the title of Miss America of 1936. A large cash award, a new automobile, a trip to Europe, and a movie contract are the prizes given to the winner of the national contest.

HUMOR, PATHOS IN FRENCH FILM

(Continued from Page 1). Other superlative avowals of excellence. Speaking of the children in the picture the Literary Digest says, "Hollywood's children become grinning puppets by comparison." Six Months Preparation. The principle adult part, that of a kindly-faced maid in the day nursery for the children of poverty plagued parents, is acted by Madeleine Renaud. Without taxing validity, commentators have remarked that Miss Renaud and her mature helmates have all but equaled in are what the children have by nature.

Wentworth Fling, instructor in the French department, disclosed that the actors in the picture spent six months in the nursery actually performing the somewhat messy ministrations that growing children necessitate. The children were chosen from among some 250 authentic gutter urchins who were placed in the nursery during the filming and "shot" by the cameras at ideal moments. Between 50 and 60 waifs of every shade of color, degree of dirt, and twist of temperament actually appeared in the production.

The somewhat thin-threaded plot, which binds the happy depictions of the children together into a story, centers around the maid, Rose, and the deeply affectionate little girl of a prostitute who spends her days at the school and her nights in the dives with her mother. After losing her mother to a sensuous scamp and her second love, Rose, to the doctor at the nursery this eccentric bit of jealous love and sensitive stubbornness tries to commit suicide by jumping into the Seine. She is rescued, however, and is won over to the doctor by his kindness to a trapped rabbit.

PROTECT RABBIT.

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RELIGIOUS WEEK MEETING PLANS NOW COMPLETE

(Continued from Page 1). day and Wednesday noons, April 27-29. According to present plans, Dr. Wieman will speak at the regular vesper services of the Y. W. which are to be held on Tuesday, April 28, and will appear before the Lincoln Ministerial Association and the Federated Church Women at some time during his visit.

Wieman Writes Book. In addition to being an outstanding speaker, Dr. Wieman is accomplished in the field of writing as is shown by the fact that he is a regular contributor to religious periodicals, and has written a number of books which are highly recommended in the study of philosophy of religion. Some of his books are: "Methods of Private Religious Living," "Issues of Life," and "Contemporary Religious Philosophy," of which he was co-author.

Outside of his regular duties as professor of religion in the University of Chicago, Dr. Wieman is much in demand as a speaker in state universities and at students summer conferences. A number of students and faculty members of the University of Nebraska heard Dr. Wieman at the Hazen Foundation conference at Estes Park, Colorado, last summer, according to Mr. R. H. Henry, Presbyterian student pastor, and it is partly because of the favorable reaction of these persons toward Dr. Wieman's messages that the university committee on religious speakers has invited him to come to Lincoln.

COMMITTEE IN CHARGE.

The committee in charge of the preparations for the Religious Emphasis Week includes: Miss Grace Spacht, chairman; Dr. C. H. Patterson, Dr. S. M. Corey, Miss Leucy Hill, Mr. R. B. Henry, Miss Mildred Greene, Mr. C. D. Hayes, Miss Theopile Wolfe, Mr. Howard Wright and Rev. G. T. Savery. Tickets for the banquet to be held at Plymouth Congregational church may be purchased from Miss Grace Spacht, Baptist student secretary, while reservations for the faculty luncheons are in charge of Dr. Corey.

PRIZES, AWARDS ANNOUNCED NOW FOR FALL TERM

(Continued from Page 1). member, has also established a perpetual \$100 a year award. Any deserving student may apply for the two \$100 Henry C. Bostwick scholarships, named in honor of the late Omaha banker and established by Mrs. C. R. Massey of Washington, D. C. \$100 Prize Offered. A prize of \$100 has been made available by Prof. R. P. Crawford of the public relations department for the junior nonfraternity man who is best triumphing over heavy odds in obtaining his education at the university. A high ranking freshman student, either man or woman, who needs financial assistance, will be awarded the Walter J. Nickel \$25 prize. This is also a yearly gift by Mr. Nickel, a member of the class of 1916, who now resides in Chicago.

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