

AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

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PRE-DEDICATION DANCE OCT. 18

A semi-formal pre-dedication dance, sponsored by the LMAL Morale Activities Association, will be held Friday, October 18 in the new Recreation Building in West Area. Music will be furnished by the L'allegri and dancing will be from 9 p.m. 'til 12 midnight. Tickets will be two dollars and may be purchased from district representatives to the LMAL Morale Activities Association. Tickets will not be sold at the door.

Social Chairman Axel Mattson stated that "the association has to be self-supporting and the purpose of the dance is to raise funds for operating expenses." He pointed out that the association could have sponsored a drive to collect the necessary funds but by giving a dance employees are given an opportunity to receive something for their contributions.

U. OF VA. EXTENSION PLANS FUTURE WORK

After reviewing the results of two weeks of University of Virginia Extension work, Faculty Chairman Alfred Gessow is already making plans for the spring term.

A survey of Extension activities reveals that approximately 300 students have registered for 19 courses, the greater part of the registration being in mathematics and aeronautical engineering. It is of interest to examine the enrollment in each class inasmuch as it reflects the need of Langley employees for particular types of study and indicates the paths in which future training should be directed.

The courses being taught, number of students, and instructors are as follows: Advanced calculus, 12, Kenneth Margolis; Aerodynamics of Compressible Flows, 50, Morton Cooper; Elementary Spanish, 14, Guy Ferguson; Supersonics, 41, Dr. Antonio Ferri; Fundamentals of Aero. En-

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DEDICATION OF RECREATION BUILDING POSTPONED UNTIL TUESDAY, OCT. 29

LITTLE THEATRE TRYOUTS SET FOR SUNDAY

Tryouts for the Hampton Little Theatre's forthcoming production of "Junior Miss" will be held Sunday, October 13, at 2 p.m. at the Syms-Eaton Community Center in Hampton.

The hilarious three-act comedy, which has had a successful two year run on Broadway, is the story of a girl of Junior Miss age, Judy Graves, and her chum, Fuffy Adams, who reside in the same apartment house in New York City. The two manage to get into all sorts of tragic situations involving parents and friends. The most outrageous incident occurs when the two decide that Judy's father and his attractive secretary are secretly in love. In an effort to break up a situation that doesn't even exist, the two manage to create a major calamity that almost ends in tragedy.

The performance will be presented at the Hampton High School auditorium on November 21 and 22 under the direction of Sally Rodriguez of Purchase Section. The membership drive is still underway and season tickets may be purchased from section representatives for \$1.50 each.

CREDIT UNION OFFICE HOURS

The LMAL Federal Credit Union Office in East Area, located on the first floor of the Service Building, will be open for business on Monday, Wednesday, and Thursday of each week from 11 a.m. to 4 p.m., telephone - 2397. On Tuesdays and Fridays from 11 a.m. to 1:30 p.m. the office will be open in the West Area Cafeteria, telephone - 4475, and on the same days from 1:30 to 4 p.m. in the Warehouse Building, telephone - 4557.

Due to conflicting engagements of Washington Office officials, the dedication date for the new Recreation Building in West Area has been postponed from Wednesday, October 16, to Tuesday, October 29. However, the dance will be held as scheduled on Friday night, October 18.

The second meeting of the General Assembly to the LMAL Morale Activities Association was held this morning in the Recreation Building. The regulations as forwarded to the Washington Office for approval were presented. Dr. H. J. E. Reid, Engineer-in-Charge, spoke on the purpose of the building and the duties and responsibilities of the association. Axel Mattson gave a talk on the dedication of the building; Chet Furlong on the recreation activities; and Bruce Amole on the building and facilities.

An Election Committee was appointed to prepare for the coming election of district representatives to the General Assembly. The election date has been set for November 7 and members of the committee are: Jack See, ALCL, chairman; Kitty Stewart, East Engineering; Norwood Evans, Employment; and Hank Fedziuk, Research Records.

CIVIL SERVICE EXAM TO BE GIVEN HERE

The Civil Service Regional Office has informed Laboratory officials that the examination for typists and stenographers will be given at this Laboratory for all employees interested in competing. The Executive Secretary of the Board of the U. S. Civil Service Examiners of this Laboratory is authorized to give the tests at a date which will be announced later. Any employees who desire to apply should file application card Form 5000-AB in the Employment Office not later than October 14. For further information, call the Employment Office, telephone 2272.

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Editor. Ruth Angel
 Art Editor. Harry DeVoto
 Staff Photographer. Bill Taub
 Reporters Langley Employees

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LET'S COOPERATE

Employees of the Langley Laboratory are about to see dedicated the new Recreation Building in the West Area--a structure which is expected to be the focal point of a bigger and better program of morale activities.

But before we move in, perhaps it would be wise to reflect a moment on the purpose of the new building, and the responsibility we must assume in enjoying its facilities.

First, we should realize that as a haven for all of us who are seeking a few moments of pleasure and relaxation after our daily work, it should command interest and respect. We anticipate that you will show your interest by making a full use of its facilities. Your respect may be illustrated by the care you take of the building, grounds, and equipment.

Another important consideration is that - because of its very nature - the project will of necessity have to be self-supporting. For example, the replacement of present equipment and the purchase of additional equipment for the project will be paid for out of funds obtained by the LMAL Morale Activities Association.

These funds are to be realized through various means, including the operation of a canteen in the building and the occasional sponsoring of dances, such as the pre-dedication dance scheduled to be held at the new building on Friday night, October 18. The purpose of the dance, then, is not only to provide an evening of fun to the employees, but for the LMAL Morale Activities Association to obtain initial operating funds for conducting its activities program.

The LMAL Morale Activities Association solicits your cooperation in making this dance, and similar affairs planned for the future, a success.

OLD WEST GATE OPENED TO RELIEVE TRAFFIC CONGESTION

The Provost Marshal of Langley Field announced this week that any action to relieve the traffic congestion upon entering and leaving Langley Field will be left up almost entirely to traffic itself. In an effort to help clear up the congestion, the old West Gate will be open daily from 7:30 to 8:30 a.m. and 4:15 to 5:30 p.m. All employees driving to Langley Field from the Newport News side of the Mythe District are asked to use the West Gate and those from Hampton, Phoebus, and Buckroe Beach the East Gate.

Passing on the military access highway is prohibited and violators will be punished accordingly.

of the LABORATORY

Dody Atkin, formerly of East Computers. but now of PRD has selected December 21 as the big day in her life. She will marry Captain Meredith L. Price, Commanding Officer of 104th Detachment of A.C.S. at Langley Field.

Leave Office was quite surprised. to learn that one of their cohorts, Coretta Rollins, took the fatal step on Saturday, September 20. The young man involved was Sterling Forrest of Poquoson.

Wedding bells rang. in Raleigh last Saturday for Howard Alford, IRD, and Care Hardy of Raleigh. The couple is honeymooning in New York City.

Another diamond is being. flashed around in the Personnel Division. This time it's Virginia Powell of Employment and she is engaged to Gene Burkett of the U. S. Navy. No definite wedding plans have been announced as yet.

Ann Luton has left. Flight Research to make plans for her future wedding to Tommy Bentzel, formerly of the Electrical Section.

Passing out cigars last week. in a manner typical of new fathers was Ray Hansen of IRD. He became the proud papa of a daughter on Wednesday, October 2.

Structures will lose another. eligible man next Saturday when Roger "Prof" Peters and Sarah Johnson, 19-Foot Pressure Tunnel, tie the final knot.

Another Laboratory romance. will be climaxed on Saturday, October 19 when Viola Edwards, Maintenance Office, and Leigh Lewis, West Engineering, take their final vows at the First Presbyterian Church in Hampton.

Two 8-Footers took their. marriage vows on Saturday, September 28. Allie McDonald said "I do" to John Argo, Jr., of Hampton and Marian Berndt tied the final knot with Horace Pabst of Wisconsin.

Dan Cupid has scored another. victory and the Laboratory's percentage of single maidens will drop another notch next Saturday when Marian "Ducky" Duckett, Instrument Construction, marries Kenneth Lucas of New York.

A new addition to the. Bob McKamm household arrived last Sunday. It's a boy and both father and son are doing nicely.

Passing out cigars in a big way. this week was Andrew Sea, Photo Lab. He became the father of a daughter on Friday, October 4.

Another new papa is. Joe Wetmore; he became the father of a daughter on Monday, October 7.

FOR SALE: Coffee table and double bed with springs and mattress. Dave Ochiltree, 208 Regent St. Apt. #2.

ED KILGORE WINS 1946 TENNIS TITLE



Ed Kilgore

In the finals played last Wednesday for the NACA Tennis Championship of 1946, Ed Kilgore, East Engineering, won the title with a 6-2, 6-2 win over Johnny Campbell, Free Flight Tunnel.

Kilgore's tennis career began back in 1939 when he won his first championship title in the Junior Championship Tournament at Chattanooga, Tennessee. That same year he held the Tennessee State Boys' Championship. In 1944 he was winner of the Elizabeth City County Tournament and he now holds the championships in Elizabeth City County, Portsmouth, and NACA.

THIRTY-FIVERS SPONSOR BRIDGE PARTY OCT. 29

The Thirty-Fivers of St. John's Church of Hampton are sponsoring a subscription Bridge Party to be given at St. John's Parish House at 8 p.m. on Tuesday, October 29. Tickets are fifty cents per person and may be purchased from Virginia Tucker, East Computers.

ANNOUNCE LECTURES AT HAMPTON INSTITUTION

Hampton Institute has announced the following Friday night lectures in Ogden Hall at 8:15: December 6, Frenz Polger, "Miracles of the Mind"; January 10, Walter White, "Democracy"; February 7, Edmund Giesbert, "Painting a Portrait"; February 23, Blix Maskey, "Women of Today"; and April 25, Guy B. Johnson, "Changing South." Admission charge for each lecture is 50 cents.

U. OF VIRGINIA

(Continued from page 1)

Engineering, 20, Alfred Adler; Differential Calculus, 27, Tom Andrews; College Algebra, 10, John Houbolt; Electronics for Mech. Engineers, 14, Orville Harris; Math. Methods in Engineering, 20, Frank Diedrick; Applications & Predictions of Aerodynamics of Stability & Control, 12, Hewitt Phillips; Functions of a Complex Variable, 10, Bernard Budiansky; Differential Equations, 16, Charles Watkins; Physics, 9, Dr. Herbert Ribner; Electronics, 12, Fred Howell; Appreciations and Predictions of Flying Qualities, 12, Harold Crane; Aircraft Instrumentation, 8, David Newby; Strength of Materials, 9, John Houbolt; and Partial Differential Equations, 9, Dr. Robert Coleman.

The large number of mathematical courses being given indicates the desire of engineers, computers, and technicians for a broader mathematical background and points out the need for a planned curriculum to satisfy this desire. For the next semester, Gessow intends to have a special curriculum in mathematics which will include courses ranging from College Algebra to higher specialized fields, such as Complex Variables, Vector Analysis, and Partial Differential Equations. The courses will be designed to avoid overlapping of subjects as far as possible and consideration will be given to setting up two courses of mathematical study, one designed for those whose work is mathematical in nature, and the other for engineers who wish to become familiar with the higher mathematical tools in engineering. In addition, further study will be given towards establishing pre-requisites for some of the higher-level engineering courses and towards establishing a curriculum in Physics.

The work will be directed towards a more complete and rounded program leading to recognition in the form of advanced degrees. Students, instructors, and all interested personnel are urged to cooperate in this work and to offer suggestions as to organization, new courses, and teaching methods.

In connection with the work involved in organizing the courses for the present semester, Gessow wishes to commend John Ormand, Jr., Training Section, for his capable assistance in contributing to the success of the work.

FROM AVIATION'S LOG BOOK

By Len Arnow

Powered Box Kites----

The responsibility for the box kite type construction of early airplanes is said to belong to Lawrence Hargrave, an Australian. During the 19th century Hargrave developed the box kite on a scientific basis using curved lifting surfaces. He used one set of lifting surfaces on his later box kites for an adjustable tail in a similar manner to the airplanes which followed shortly thereafter.

Loggings----

An indication of the early lack of public interest in aviation in this country is shown by the figures for certified pilots in January 1911. France had 353 pilots, England 57, Germany 46, Italy 32, Belgium 27, and the U.S. A. 26. . . . The Wright brothers' first flight on December 17, 1903, was accomplished in the teeth of a 25 mile per hour gale. This slowed the ground speed of the airplane to but 10 miles an hour.

NACA Notes----

When the NACA was first established by Congress in 1915, its research program was set forth as follows: to improve airspeed meters for prevention of stall, development of more efficient wing sections, development of more efficient and economical aircraft engines, development of propellers, and the investigation of the stability problem among others. . . . In 1916, the Navy Department issued to the aircraft industry and the NACA specifications for the type of plane the Navy desired at the time. It was to have a speed range of 50 to 95 miles per hour with a full load consisting of one man and 2½ hours fuel and oil. The wing span was to be 28 feet and a structural safety factor of 6 was to be used in the design.

Nothing New Under the Sun----

The original Wright airplane featured a combined rudder and aileron control, thus preceding a trend in modern light plane design by over 40 years.

FOR SALE: Several Lionel "O" gauge electric trains and accessories. Excellent condition. K. E. Githens, I.R.D.

FOR SALE: 1939-1946 buick 40-50 series engine in excellent condition. Chuck Nagy, W. Engineering.

COMING

The following calendar of coming events at the West Area Recreation Center is printed for the convenience of sections planning future get-togethers.

- Oct. 12 - Stability Tunnel
- Oct 13 - Spin Tunnel
- Oct. 27- Stability Div. Annual Picnic.
- Oct. 30 - 7 X 10
- Nov. 1 - Tank I&II in Collier home
- Nov. 1 - Fiscal Div.



FOR SALE: Brand new Remington 513T Matchmaster target rifle, .22 calibre, with Redfield micrometer peep sight, front globe sight and inserts, and regulation 1 1/4-inch sling. D. J. Germensky, Instrument Calibration.

FOR SALE: Single hollywood bed. Isabelle Martin, IAL, or call Hampton - 8185.

ROSSMAN, MARKS WIN BRIDGE TOURNAMENT

The LMAL Contract Bridge Club held its semi-monthly tournament last Tuesday night at the Syms-Eaton Community Center. Carl Rossman and C. M. Marks were top scorers with 30 1/2 match points and 63.5%. Allan McCordale-Bruce Amole and Norman Silsby-Jim Thompson tied for second with 26 1/2 match points and 66.2%.

Other players and their scores were: Jack LeMay-George Blow, 26 points, 54.1%; M. J. Olson-A. F. Goodman, 24 points, 50%; Manny Stein-Ed Kruszewski, 22 1/2, 46.8%; John Crigler-Gene Frank, 22, 45.8%; Lillie Belle Evans-Len Bartone and Frances Hoback-Mrs. Paul, 19, 39.5%.

FOR SALE: Paint spray gun in perfect condition. Large type. Price \$25. N. W. Reynolds, Mechanical Maintenance.

WANTED: To buy car, preferably wrecked '37 to '41 ford to rebuild into California "Hot Rod". Dwight McSmith, Dynamic Model Shop or Hampton - 6661.

What's My Name?



I first saw the light of day in East Hampton, Long Island, New York, on June 19, 1916. I went to school like everybody else and managed to hold a position on the high school football team. Upon graduation from high school, I journeyed South to play football for North Carolina State College, the team that upset Duke 13-6 a couple of weeks ago. I played freshman football until it was a question of playing ball or staying at school so I decided on the latter. I finally struggled through the four years and ended up with a degree in Aeronautical Engineering.

After holding incidental jobs, I came to the NACA on April 1941. I was sent to the 8-Foot High Speed Tunnel and have been there ever since. I served on the 1943 Green Cow Committee and I am now Social Chairman of the LMAL Morele Activities Association.

I am a bachelor and live on Chesapeake Blvd. with "Fatso" Fedziuk and "Notso Fatso" Batterson.

axel Mattson

WANTED: Ride to New York on October 17 or 18. Will share expenses. S. Seymour Friedman, PRD.

FOR SALE: Enameled steel refectory table and four chairs, chrome-plated steel tubing. Also combination humidior and pipe rack. Evan Schuette, Newport News - 2-3959.

WANTED: Passengers to Nutley, N. J. Oct 16. Continuing to Pittsburgh Oct. 17, and on to Fort Wayne, Oct. 18. Evan Schuette. Structures Research.

