

AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 35, Vol. 6

Langley Field, Va., September 5, 1947

Page 1

FALL DANCE SET FOR NEXT FRIDAY

Laboratory employees are reminded of the Morale Activities Association's semi-formal Fall Dance on Friday, September 12 in the Activities Building. Dancing will be from 9 p.m. 'til midnight and music will be furnished by Shelley Harmon and his eleven piece orchestra. This is the association's first dance since the Ship-Wreck Dance in June and Laboratory employees are invited to come out and start the fall season off with an evening of gaiety.

Tickets are \$1.50, stag or drag, and may be purchased at the door on the night of the affair.

APPRENTICE SCHOOL OPENS SEPTEMBER 8

S. Walter Hixson, Apprentice Administrator, announced this week that arrangements have been completed for the apprentice school to open Monday, September 8. He stated further that classes will be held on the second floor of the building occupied by Pilotless Aircraft Research and the West Sheet-metal Shop. Classrooms have been equipped for conducting classes in mechanical drawing, blueprint reading, mathematics, etc. The schedule for the fall semester, when completed, will consist of twelve classes.

The classes which will begin immediately and the instructor for each are as follows: Mechanical Drawing I & II, John Wilkey; Electricity, Roland K. Cole; Physics I, William E. Talvitie; Mechanical Drawing III, IV, and V; Charles Nagy; Machinery Handbook, Henry Weber; Practical Descriptive Geometry, James Graham; and Metallurgy, Ferdinand N. Schmidt.

As soon as the new apprentices have been admitted to the school classes will be organized in Mathematics, with James Jones as instructor, and Drawing, with Elmer Wolff as instructor.

For further information contact the Training Office, Service Building, telephone 2256.

ALISON NAMED TO COMMITTEE

It was announced this week that John R. Alison, new assistant secretary of commerce for aeronautics, has been appointed by President Truman to NACA.

Alison was an active combat pilot during the war, serving in 1942 and 1943 as a fighter group commander under General Chennault in China; in 1944 as deputy commander of the aerial invasion for Burma operations; and, during the last year of the war in the Pacific, as operations officer for the fifth air force under General Chennault in China. He resigned from the AAF in 1946 as a colonel, holding the Distinguished Service Cross, Distinguished Flying Cross, Silver Star, Purple Heart, Legion of Merit, Air Medal, and British Distinguished Service Order. Before the war Alison served as air attaché to the
(Continued on page 4)

EXTENSION OPENS FALL SEMESTER

Alfred Gessow, faculty chairman of the University of Virginia Extension, announced this week that the evening engineering courses for the fall semester under the sponsorship of the University of Virginia will begin on Monday, September 8 at 7 p.m. at the Hampton High School. Approximately 300 students have enrolled in sixteen courses, eight of which will begin on Monday and the remaining eight will open on September 11.

The following is a listing of the courses offered and the names of the instructors:

Courses to begin Monday night: College Algebra, Thomas B. Andrews, Bell Computing Section; Operational Calculus, Charles E. Watkins, Physical Research Division; Calculus (Advanced), Kenneth Margolis,
(Continued on page 4)



The Laboratory is well represented on the Board of Directors of the Hampton Little Theatre. Shown on the front row (from left) are: Crickett Burr, Mrs. John D. Williams, President Tom Hulcher, Pilotless Aircraft Research; and Mrs. George B. Colonna. Back row (from left) Tiny Hutton, formerly of "Air Scoop"; Mave Goldenbaum, Tank; Miles Farster; and Granville Derby, 8-Foot.

--Photo by Bill Taub

The Air Scoop, an official publication of the Langley Memorial Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Field, Virginia, is published weekly in the interest of its employees. Address contributions to the Editor, Service Building, telephone 2376.

Editor. Ruth Angel
 Art Editor. Frank McVay
 Staff Photographer. Bill Taub
 Reporters Langley Employees

The "Air Scoop" is printed by the Mechanical Reproduction Staff and distributed by the Office Service Section Staff.



By John Worth

Last week, reporting on the Brainbuster team's activities at the National Meet, Charlie Folk and Frank Parmenter revealed the Club's influence in shaping the 1948 AMA rules. Votes taken at the contest committees open meeting at Minneapolis following Folk's explanation of club proposals favored elimination of wing loading, landing gear, and cross-section requirements. As a compromise measure, a 100 ounce power loading was voted in, which in effect requires a "19" powered ship to weigh 19 ounces. Simplicity of the new rule is expected to insure widespread acceptance. Final voting will take place shortly by the usual poll of official contest committee members and should follow the expression shown at the Nationals.

During their stay, the team also ordered trophies to be awarded during the Hydro Meet. Prizes will be awarded to at least the first six winners in each event. Quality of awards will exceed those presented in Minneapolis. The total prize value now is about \$750 and many more contacts assure a considerable increase.

Committed to present technical papers at the conference, Frank Zaic and Bill Winter have joined the list of official speakers. This addition to the authorities previously announced fulfills the high standards set for the affair. Further developments should round out shortly.

Postponement of the Annual Philly Flying Circus until May 30 has been announced. More events have been added to this Free-Flight meet, including, rubber, towline, and glider classes.

FOR SALE: Standard upright piano. Jean Witherspoon, H - 8070.

WANTED: Ride from Southampton to W. Area on 7:30 shift. Ruth Addington, W. Engineering.

WANTED: Passengers from Copeland Park to W. Area on 7:30 shift. Linney, 4509.

WANTED: Passenger from Marshall Courts to E. Area on 7:30 shift. Marvin Saunders, Photo Lab.

LIFE at the LABORATORY

The Labor Day week-end.

proved to be quite a memorable occasion for a certain few Laboratory employees. One young maiden who won't forget the occasion too soon is Ann Robinson of Payroll. She came to work Tuesday with a new addition on her third finger left hand. She is engaged to Robert North of Charlottesville. No definite wedding plans have been announced as yet.

Dan Cupid scored.

another victory this past week and the prospective bride is Helen Carlberg of Technical Illustrators. She is engaged to Marvin Bryan of Hampton and wedding bells will ring in January.

Another of the.

Laboratory's long-lived romances has reached the engagement stage. The two love-birds are Pat Patterson and Grady Mitcham both of Pilotless Aircraft Research and wedding bells will ring sometime in the late fall.

Next Thursday.

is the big day for Charles Wood, Induction Aerodynamics Laboratory, when he will take himself a wife. The future "Mrs." is Virginia Gerber of Hampton and the wedding will take place at the Hampton Baptist Church.

Another Laboratory.

maiden recently gave up her life of single bliss to join the ranks of old married folks. The new bride is the former Mary Tut Whisnant of East Computers and she is married to John Hedgepeth of Langley Field.

Well, it looks.

as though the stork also took a vacation over the holiday week-end with no bundles from heaven being delivered to NACA families - at least none that we have heard of.

RETIREMENT LAW CHANGE EXPLAINED

Any former civil service employee of the Federal Government with less than ten years service, exclusive of military service, is permitted to withdraw his retirement money regardless of whether he was separated from the service voluntarily or involuntarily, according to the Jones Bill which was signed by the President on July 30. Present employees who may leave the Government in the future after having served less than ten years are likewise included.

Prior to the approval of this change in the Federal retirement system, refunds could be obtained only of deductions covering less than five years of Federal service and of deductions made from salaries paid prior to January 24, 1942. Those who had more than five years' service (military and civ-

ilian combined) had to leave their money in the Retirement Fund and await an annuity at retirement age.

Under the law signed July 30, the person with less than ten years' Federal civilian service can get a refund of his money--or leave the money in the Fund for the purpose of earning a later annuity. Money in the Fund covering less than five years' Federal service by ex-Government workers does not earn interest while held in trust in the Fund nor will that money result in an annuity.

Former employees whose earlier applications for refund have been denied because their government service totaled five or more years, must submit a new claim for payment if they had less than ten years' civilian service and desire a refund.

19-FOOT WINS CHAMPIONSHIP

In the final game of the play-offs 19-Foot Pressure Tunnel took a 4-1 win over Pilotless Aircraft Research to hold onto the Championship title for the fourth consecutive year. 19-Foot won the game in the fourth inning when they chalked up four runs on Bill Conner's single and Bloxom's homer with two men on base. The loser's only run of the day came in the sixth inning when Hinners connected for a homer. Both teams were credited with a double play with 19-Foot's coming in the first inning and PARU's in the fifth.

Winning pitcher Pat Cancro gave up seven hits, walked three, and struck out none while losing pitcher Sam Vollo gave up six hits, walked one, and struck out two.

GIRLS' TENNIS

As the Girls' Tennis Ladder was brought to a close this past weekend, Alice Aronson, Physical Research, still remained in the top position with Becky Boykin, Gas Dynamics, taking second place and Lucy Taylor, Impact Basin, coming in for third. Becky made a last effort to climb into the number one spot but was defeated by Alice 6-3, 6-3.

FINAL STANDINGS

No	Player	Phone
1	Alice Aronson	4454
2	Becky Boykin	2255
3	Lucy Taylor	4593
4	Gerry Couch	4527
5	Eleanor Andrews	4403
6	Shirley Huxter	4590
7	Dorothy Comstock	2229
8	Gerry Hilton	2245
9	Frances Butler	2236
10	Mae Meadows	4527
11	Betty Newbold	2236
12	Peggy Winfield	2281
13	Nancy Wall	4590
14	Mary Maline	2255

WANTED: Man or girl's second hand bicycle. Call Ruth Greene or Jim Matthews, Flight Research.

WANTED: Ride from Southhampton to E. Area on 7:30 shift. L. Gale, Spin Tunnel.

WANTED: Passengers to Nashville, Tenn. Leaving Sept. 18 and returning for work on Sept. 29. Billy Bates, Free Flight Tunnel.

FOR SALE: Registered cocker spaniel pups. S. H. Hill, West Electrical Shop.

1947 SOFTBALL CHAMPS



The members of the 19-Foot Pressure Tunnel softball team who held onto the championship title for the fourth consecutive year are: front row (from left) Bill Conner, Right field; Harry Davis, third base; Chet Furlong, second base; Bill Koven, short stop; James Fitzpatrick, scorekeeper and right field; and H. D. Cole, right field. Second row (from left) Reino Salmi, second base; Bob Neely, center field; Stan Spooner, left field, I. B. Bloxsom, first base; Pat Cancro, pitcher; and Owen Deters, catcher. Absent when the picture was taken was Percy Garrington, first base.

--Photo by John Brinkmann

STRASS WINS PHOTO CONTEST

At the last meeting of the Hampton Camera Club a photographic contest was held with babies being the subject. First place was won by Kurt Strass of Pilotless Aircraft Research; second place went to Everett Dunlap, I.C.L., and third to Sgt. Brooke.

The next meeting, which will be held on Wednesday, September 10, at 7:30 p.m. at the Syms-Eaton Community Center, will be a work night with live models. All members and non-members are invited to come out and bring their camera and necessary equipment.

WANTED: Ride from downtown Newport News to E. Area on 7:30 shift. June Henry, 2384.

FOR RENT: Room with twin beds. 250 Newport News Ave., telephone Hampton 5286.

WANTED: Ride from Buckroe to E. Area on 7:30 shift. A. J. Perry, Low Turbulence.

PLAN TO FORM DUCKPIN LEAGUE

Plans are now underway to form a NACA Duckpin Bowling League. The organization of the league will be guided by the Activities Association but the operation of the group will be left up to the officers who will be elected at the meeting on Wednesday, September 10 at 7:30 p.m. at the Activities Building. At this time rules and regulations will be discussed for the league.

The league will be open to all sections on the field and teams interested in entering are urged to have a representative present at the meeting. For further information call Chet Wcielo, 4522.

FOR SALE: 5 hp Evinrude outboard motor or will trade for larger motor. Jerry Hammock, Flight Research.

WANTED: Girl to share apartment located near Wythe. Hampton 3-3669.

WANTED: Passengers to Boston leaving Sept. 12 and returning Sept. 28. Ted Berman, Spin Tunnel.

LITTLE THEATRE SELECTS PLAY

The Hampton Little Theatre will open its 1947-48 season on October 23 and 24 at the Hampton High School auditorium when it presents "Three Men On A Horse" a farce in three-acts. The opening production will be directed by Tiny Hutton and produced by Dave Goldenbaum of the Hydrodynamics Division. Tryouts will be held on Sunday, September 14 at the Syms-Eaton Community Center.

H. Granville Derby, Chairman of the membership drive, announced that tickets went on sale this week and that laboratory employees may purchase them from the section representatives or through the "Air Scoop" Office, Service Building. Membership tickets are \$1.50 each and entitle the owner to see three major productions during the coming season.

ALISON

(Continued from page 1)

U.S.S.R. He was an advisor to the R.A.F. on the operation and maintenance of American aircraft.

He was born in Gainesville, Fla., in 1912, graduated from the University of Florida in 1936, after which he joined the Army Air forces and was commissioned in the regular Army in 1937.

He replaces William A. M. Burden as a member of the NACA, concurrent with his succession to Burden as assistant secretary of commerce for aeronautics.

NOTICE

Several employees have requested that the Training Office assist them in ordering the book "The Most-Used Aviation Terms" by Harold E. Baughman and John R. Gregg. The book contains 1,000 defined terms and is written in Gregg. This service is being extended to employees and persons desiring to order the book are asked to contact the Training Office, telephone 2256, by Friday, August 29.

FOR RENT: Double room with twin beds, 428 Newport News Ave., telephone Hampton 3-3540.

WANTED: To buy electric range and refrigerator. Frank Scott, Hampton 4922.

FOR RENT: Two small rooms for sleeping quarters. LaSalle Ave., Hampton 6246.

U. OF VIRGINIA

(Continued from page 1)

Stability Research Division; Aerodynamics of Supersonic Flows I, Clinton E. Brown, 9-Inch Supersonic Tunnel; Application of Aerodynamic Theory to Stability and Control, Harry E. Murray, Stability Tunnel; Appreciation and Prediction of Flying Qualities, Charles W. Mathews, Flight Research Division; and Aerodynamics of the Helicopter, Alfred Gessow, Flight Research Division.

Classes to begin on Thursday night: Aerodynamics of Supersonic Flows II, Dr. Antonio Ferri, Gas Dynamic Section; Electronics, Rex L. Brown, Pilotless Aircraft Research Instrumentation Section; Aerodynamics of Compressible Flows, Richard T. Whitcomb, 8-Foot High Speed Tunnel; Differential Equations, Charles E. Watkins, PRD; Kinetic Theory of Gases, Coleman Donaldson, Gas Dynamic Section; Fundamentals of Aeronautical Engineering, Alfred Gessow, Flight Research; Calculus (Review), Kenneth Margolis, Stability Research Division; Mathematical Methods in Engineering, Dr. Hsu Lo, Structures Research; and Theory of Vibration, John C. Houbolt, Structures Research.

Registration for the above courses will remain open until each course has had two class meetings. Any person who has not registered for a course may do so by contacting the Training Office, phone 2256.

Textbooks have been ordered and it is hoped that they will be on hand in the Training Office and available to students by the first meeting of class. Veterans are reminded that it is not necessary to purchase text books as they will be furnished by the University. These textbooks will be available in the Training Office.

LIONS CLUBS TO INSPECT LAB

On Wednesday, September 17, at 6:30 p.m. approximately 240 members of the Lions Clubs throughout this district will meet at the Activities Building for a dinner-meeting followed by a tour of several of the Laboratory research facilities.

Clubs which will be represented are the Newport News Club, Hampton, Williamsburg, Bowling Green, Chesapeake, West Point, and Tappahannock.

The group will be greeted by Colonel Robert W. C. Wimsatt, Commanding Officer of Langley Field, and Dr. H. J. E. Reid, Director of the Laboratory.

ANNOUNCE RULING ON ANNUAL LEAVE

The Comptroller General of the United States has ruled that during the calendar year 1947 all employees of the Federal Government for the full year should be permitted to charge all annual leave (not exceeding 26 days) taken during the calendar year 1947 against the 26 days' annual leave granted for that calendar year, irrespective of whether taken before or after an equivalent amount of leave had accrued to his individual account. The excess leave taken over the 26 days during the calendar year 1947, shall be charged against the accumulated leave, if any, an employee has to his credit as of December 31, 1946.

The maximum annual leave employees may have to their credit at the beginning of the calendar year 1948 (up to the 90-day limitation) is the total of their accumulated leave as of January 1, 1947, plus the portion of the leave which had accrued to them during the period January 1, 1947 through July 24, 1947, and which had not been used during this period. Employees, who, although having less than 60 days accumulated leave as of the close of the calendar year 1946, had a total of accumulated and unused accrued leave in excess of 60 days as of close of business July 24, 1947, if such leave remains unused during the balance of the calendar year 1947, are entitled to credit therefor at the beginning of the calendar year 1948.

In view of these decisions, employees desirous of maintaining an accumulation in the amount of annual leave, not in excess of 90 days, which they had to their credit on July 24, 1947, will be able to do so because their annual leave for this year may be taken in advance provided they have been employed for a full year.

FOR SALE: Portable RCA-Victor radio. Mrs. Nona Altimus, Cafeteria.

WANTED: Passengers to Washington and New York. Leaving September 12 and returning Sept. 28, Marvin Hoar, Tank #1.

WANTED: Ride from Tabb to East Area on 7:30 shift. Jean Tabb, 2338.

WANTED: Ride to Washington, D. C. after work Friday, September 12 or 19. E. T. Maher, Report Distribution and Storage.

FOR RENT: Apartment and three rooms of furniture for sale. Call Hampton 8833.