

# Air Scoop



## BINGO PARTY NEXT THURSDAY

Laboratory employees are reminded that the bi-weekly Bingo Games will get underway next Thursday at 8:30 p.m. in the Activities Building. The regular parties were disbanded during the hot summer months but will again be held every payday.

As was pointed out last week, the bingo nights are restricted to NACA employees and members of their family and guests. All non-Laboratory employees who attend must be accompanied by a Committee employee. It is suggested that NACA employees carry their Laboratory identification cards when attending a bingo night.

As has been the custom in the past, cards may be purchased at the door for one dollar and this card entitles the holder to play fifteen games in addition to the jack-pot game. The jack-pot game will be worked on the same

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## SOCIAL SEASON OPENS OCTOBER 8

Members of the fairer sex are reminded to get their formal attire out of storage and members of the male species are urged to get their dates lined up for the Activities Association's fall social whirl on Saturday, October 8 at the Activities Building.

Assisting the Activities Association in opening their fall social season will be the Townsmen who will furnish music for dancing from 9 p.m. 'til one in the morning.

As was pointed out last week, the admission price has been reduced by 33.3 percent. In previous years tickets have been \$1.50 but this year they will go on sale for one dollar, stag or drag.

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## LAB CHANGES HOURS OF DUTY

Laboratory employees who work on the regular 7:30 a.m. to 4 p.m. shift are reminded that beginning Sunday they will have an opportunity to sleep an extra half hour each day when the Laboratory reverts to its regular working hours of 8 a.m. to 4:30 p.m. The following are the Laboratory shift hours as they will change Sunday, September 25:

The 7:30 a.m. to 4 p.m. shift will revert to 8 a.m. to 4:30 p.m.; the 7 a.m. to 3:30 p.m. shift will change to 7:30 a.m. to 4 p.m.; there will be no change in the 3:30 p.m. to 12 midnight shift, and the 11:30 p.m. to 8 a.m. shift will change to 12 midnight to 8:30 a.m.

The East and West Cafeterias will open for breakfast at 6:45 a.m. and close at 8 a.m. There will be no change in assigned lunch periods.

Arrangements have been made with the C.R.T. Company for providing commercial transportation to and from work in accordance with the new hours of duty and a new schedule will be furnished as soon as possible.

## NEW PUBLIC LAW CITED FOR VETS

Notice has been received from NACA Headquarters that Public Law 233 (81st Congress) provides as follows:

"That employees in the executive branch of the Government who are veterans of the Spanish-American War, World War I, or World War II may be excused from duty, without loss of pay or deduction from their annual, for such time as may be necessary, but not in excess of four hours in any one day, to enable them to participate as active pallbearers or as members of firing squads or guards of honor in funeral ceremonies for members of the armed forces of the United States who lost their lives in World War II and whose remains are returned from abroad for final interment in the United States."

## SILVERSTEIN APPOINTED LEWIS RESEARCH CHIEF

Abe Silverstein, Chief of the Wind Tunnel and Flight Research Division at the Lewis Flight Propulsion Laboratory since 1945, has been named Chief of Research at the Lewis Laboratory, Dr. Edward R. Sharp, Laboratory Director, announced last week. Silverstein's appointment fills the vacancy created by the transfer of Addison M. Rothrock to NACA's Headquarters Staff in Washington as an Assistant Director of Aeronautical Research.

Now 41, Silverstein is a native of Terre Haute, Indiana. After attending the public schools there, he entered Rose Polytechnic Institute, from which he was graduated in 1929 with a B.S. degree in mechanical engineering. In 1934, he received his M.S. degree from the same institution. In 1929, he joined the NACA's research staff at the Langley Laboratory, where he became head of the Full Scale Tunnel in 1940.

As Chief of the Wind Tunnel and Flight Division at the Lewis Laboratory, Silverstein has had responsibility for directing research in the Altitude Wind Tunnel, the Icing Research Tunnel, the supersonic wind tunnels, and the flight research activities. He designed and supervised construction of the 8-by 6-Foot Supersonic Wind Tunnel, the world's largest faster-than-sound tunnel, which was placed in operation this year at Lewis Laboratory.

During the war, he was especially concerned with the study of cooling of reciprocating engines, operational and performance characteristics of newly developed reciprocating engines, propellers under high altitude and high power conditions, and operational and performance characteristics of jet-propelled aircraft and turbojet and ram-jet engines.

In December of last year, he was honored by being chosen to deliver the annual Wright Brothers Lecture before the Institute of the Aeronautical Sciences.

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

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Staff Photographer . . . . . Bill Taub

Reporters . . . . . Langley Employees

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## ENGINEERS CLUB TOURS LAB

Approximately 160 members of the Engineers Club of the Virginia Peninsula attended a dinner and inspection tour of the Langley Laboratory last Wednesday evening. After the dinner, the group inspected the facilities of the 4-Foot Supersonic Tunnel where schlieren photographs of high-speed supersonic research test models were shown and an explanation of the tunnel operation was given.

The second place visited was the Pilotless Aircraft Research Division where talks on guided missiles and methods of obtaining instrumented data and flight conditions were discussed.

The third visit was to the 7 X 10-Foot Wind Tunnels where the group was shown through the interior of the tunnel structure with explanation of the main-drive control system and airflow operation.

The last place visited was the Bust Tunnel where demonstrations of research techniques for gust applications were demonstrated by launching of research models.

Members of the Hampton Roads Engineering Club of Norfolk, John B. Coster, President, were also present. Floyd L. Thompson, Chief of Research, extended a word of welcome to the group.

## CIVIL SERVICE EXAMS OPENED

The NACA Board of U.S. Civil Service Examiners has announced that applications for the following positions will be accepted until the close of business on Monday, September 26: Model Maker, WB-6, 8, and 10; Power Cutter Operator, WB-4; Model Finisher, WB-10; Machinist, WB-10; Rigger Structural Steel Worker, WB-9; and Helper (Heating Plant Operator), WB-5.

NOTICE: Headquarters Ninth Air Force has presently available authorization for two mobilization assignees with a SSN of 2162 for assignment to the Directorate of Plans and Requirements. Any reserve officer who has been awarded this or an allied SSN and is sincerely interested in this reserve assignment is requested to contact Captain McFadden, Building T-110, telephone extension 21274 for an interview. This reserve assignment will require approximately two or three hours each week and will not interfere with one's civilian position.

## LIFE AT THE LABORATORY

Not much Life at. . . . .

Laboratory this week but Dan Cupid is promised a busy season during October and November with a number of Laboratory eligibles making plans to march down the aisle and take their final vows. Kenneth Quinn, West Machine Shop, will take the fatal step tomorrow when he takes his final vows with Jackie Saunders of Hampton.

Visiting the Laboratory. . . . .

Last week and greeting old friends was Jean McDonald, formerly of Gas Dynamics. Jean is a new bride but no one seems to remember her married name.

Wedding bells rang. . . . .

Last Saturday when another Laboratory twosome tied the final knot at the Bruton Parish in Williamsburg. The newly weds are Irma Twyman, Full Scale Tunnel, and Everett Stillman, East Engineering.

Celebrating the arrival. . . . .

of a new heiress is Peter Pavlik, Technical Illustrators. The new daughter, Christine, weighed in at nine pounds, two ounces, and she arrived on Sunday, September 18.

Don't forget the. . . . .

softball celebration tomorrow. The affair will get underway at 2 p.m. when the All Star team, who lost last Monday to Low Turbulence, tangles with West Machine Shop, winners of the 1949 Championship. The softball season will be climaxed with a dance tomorrow night at the Activities Building. The 564th Air Force Dance Band will furnish the music and the affair will run from 9 p.m. 'til one. Dress will be informal and all persons on the softball rosters and their guests are invited. Admission will be only one dollar per team. One of the highlights of the dance will be the presentation of trophies to the 1949 champs.

The Langley Music Club. . . . .

will meet Wednesday, September 28 at 7:30 p.m. in the Activities Building. Featured on the program will be Tchaikovsky's "Hamlet Overture", Mendelssohn's "Violin Concerto", Sibelius' "Swan of Tuonela", and Schubert's "Fifth Symphony". Persons interested in listening to good music are invited to attend.

The NACA Male Chorus. . . . .

started its fall rehearsals last Wednesday afternoon in the Activities Building and plans are being made for the group to present a number of programs before various clubs and organizations. The group rehearses every Wednesday immediately after work in the Activities Building and all persons who like to sing are invited to come out next week.

WANTED: Ride from Orchard Homes to E.A. on 8 shift. Walters, 2281.

WANTED: Room in Hampton near bus line. Clemens, 2336.

WANTED: Ride from Southampton to W.A. on 8 shift. Anderson, 4413.

WANTED: Passengers to N.Y. leaving Sept. 30. Berman, 2245.

FOR SALE: 36-foot twin screw cabin cruiser. N.M. 27117.

FOR RENT: Room with twin beds. Mrs. Brady, N.N. 26598.

FOR SALE: 1947 Studebaker Commander. Bailey, Const. Engineering.

FOR RENT: Room for man, Heinemann, 312 La Salle Ave., Hampton 4712.

FOR SALE: 5 x 7 view camera with triple convertible turner Reich lens, eight film holders, eight hangers. 5 x 7 Elwood enlarger - all for \$150. Brinkman, W. Photo.

# LOW TURBULENCE DOWNS ALL STARS

Last Monday afternoon, Low Turbulence, winners of the lower bracketed Softball League playoffs, defeated the NACA All Stars by a close 6-5 margin. The All Stars got off to an early lead with two runs in the first against Low Turbulence's 1. The All Stars chalked up one in the fourth and two in the fifth to take a 5-1 lead. The winners opened their last inning with Braslow taking a base after being hit by pitcher Bugg, Herzig struck out, Cleckley connected for a single as did Schaefer and Felix. Bobby Nuber got to first on a fielder's choice and Gottlieb and Paradiso got a single each to bring in the last of the five runs and win the game 6-5.

Winning pitcher Newman allowed nine hits, struck out two and walked four while losing pitchers Bugg and Lewis together gave up five hits, struck out nine, and walked six. Leading batter for the losers was Jim Muller who connected for a home run in the fourth.

## ANNOUNCE ADULT EDUCATION COURSES

Officials of the Adult Education Program at Hampton High School announced this week that registration for the adult education courses will be held Monday night from 7 to 8:30 at the Victoria entrance to Hampton High. Classes will meet on Monday and Wednesday nights at 7 o'clock.

Courses that are being offered include the following: Interior Decorating, Photography, Sewing, Tailoring, Woodworking, Shorthand, Typing Bookkeeping, Commercial Mathematics, Business English, French, German, Russian, Spanish, Parliamentary Procedure, Public Speaking, Algebra, Geometry, Trigonometry, Science Courses, Ground School Course, Home Builders Forum, Wild Life Appreciation and Town Hall Forum.

Starting date for the courses will depend on registration. For additional information call the Hampton High School or Training Office, 2256.

FOR SALE: 1949 model Heath 5" oscilloscope - \$25. Marts, W. Engineering.

FOR SALE: Two black puppies. Name your own price. Summers, RD.

FOR SALE: 1939 4 door Plymouth. Shoaf, Engineering Projects.

# CONTRACT BRIDGE COURSE PLANNED

A number of Laboratory employees have expressed an interest in attending a course in Bridge and plans are being made to conduct such a class on Wednesday nights in the Activities Building. The course will be taught by John Crigler, Physical Research, and Arthur Samet, Fiscal Division, and will consist of instructions in contract bridge and an introduction to duplicate bridge.

The classes, which will start around the middle of October and run for about eight weeks, will include theory of bidding, opening leads, playing techniques, slam approaches, bidding conventions, card combinations, and computing percentages. It is also planned to have a number of guest lecturers.

The classes will be open to Laboratory employees and members of their family and persons interested are asked to call or send a note to the Air Scoop Office, Service Building, telephone 2376.

## BOWLING NEWS

### IRD LEAGUE

As the bowling season gets underway, the Rebels are leading in the IRD League with a perfect record of six wins and no losses. Leading in the high individual average, high game and set categories are Frank Dreisback with a 123.2 average, 145 game, and 370 set and A. Davis with a 102.2 average, 113 game, and 306 set.

### STANDINGS

Team	W	L	Avg.
Rebels	6	0	1.000
Pinhookers	5	1	.830
Wrecks	4	2	.666
Nodmgoodnics	4	2	.666
Wheels	3	3	.500
Gremlins	3	3	.500
Bloodhounds	2	4	.333
Unholy Rollers	2	4	.333
Gutter Rats	1	5	.166
Aristocrats	0	6	.000

NOTICE TO APPRENTICE STUDENTS: Due to the change in working hours, classes will not start until 8 a.m.

FOR SALE: Florence oil circulator. Justus, 5936 Marshall Ave., Sussex-Hilton.

WANTED: Persons interested in low cost cooperative operation of 80-foot pleasure yacht. Rainey, 4494.

FOR SALE: 15-foot plywood outboard runabout complete with 7½ hp Scott Atwater motor, trailer and cover. Byers, Dynamic Model.



By John H. Hoffnagle

The Hampton Camera Club announces that its Second Annual Snapshot Contest is now open and entries will be accepted through Saturday, October 29. The contest, which is sponsored by the Epes Stationery Company of Hampton, offers approximately \$100 in merchandise. Epes is the Contest Headquarters where rule sheets may be obtained and entries filed. The contest is limited to residents of Elizabeth City County who are not engaged in professional photography and who are not members of any amateur photo group.

The judging panel consists of Dr. William Aery, W. E. Cheyne, Harry Clason, West Photo Lab, Charles Wheeler, and Andrew Sea, West Photo Lab and Technical Advisor to the Hampton Camera Club. The judging procedure used last fall worked so successfully that it was decided to eliminate the use of the entry card and number system for entries. All that will be necessary will be to write the name and address on the back of each entry. The sincerity and scrupulous fairness with which these men examined the hundred-odd entries last year is a model of careful procedure which guarantees fair and honest consideration of all pictures in future contests.

The purpose of the contest is to arouse popular interest in photography and to prepare for the establishment of an "Art and Photography Gallery of Elizabeth City County". Such consideration as general subject interest and composition and balance are therefore paramount in final selection of the winners. Size and sharpness of the picture do not count and the camera and processing used bear little relation to the judges' decisions. Subject matter is unlimited, retouching is not allowed, and minimum print size is 4 x 6. It is not necessary that the contestant process his own picture but the negative must be available and in good condition as the winning prints will be enlarged and mounted for exhibition after the contest is over.

FOR SALE: Thayer baby carriage - \$15. Chestham, Hampton 8809.

FOR SALE: 1938 Buick sedan. Weaver, Reproduction, or H-6442.

## BOAT OPERATION COURSE OFFERED

All persons interested in the proper operation of a boat or in Seamanship and Navigation Subjects may enroll in a free instruction class to be given by the Hampton Roads Power Squadron. The course will be held in the Newport News Shipbuilding and Dry Dock Company's Apprentice School Building one night a week and enrollment will be at 7:30 p.m. on Wednesday, September 28. The entrance to the Apprentice Building is at the 37th Street gate to the Shipyard on Washington Avenue.

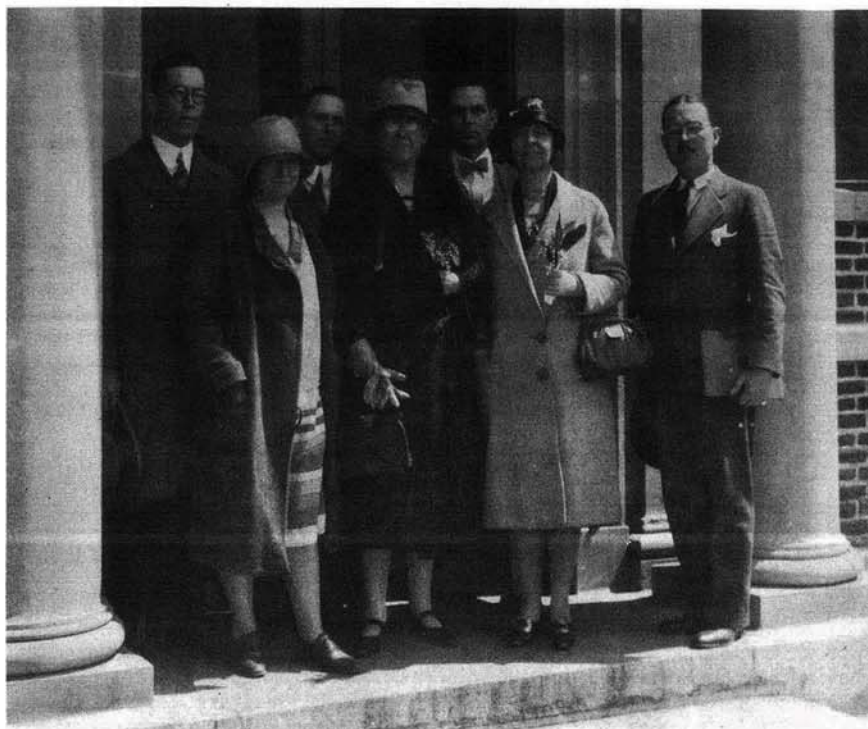
The subjects covered in this course, which lasts ten weeks, include (1) equipment required and lights used by all types of motor boats and steam vessels, (2) rules of the road at sea and their proper interpretation, (3) safety at sea, dealing with fire hazards, fog signals, and Coast Guard assistance, (4) the mariners' compass and its proper use, (5) aids to navigation such as light houses, buoys, and government publications, (6) the chart and its application to piloting, and (7) proper manners and customs aboard ship.

Lectures will be given and discussion groups will be lead by experienced boatmen of the lower peninsula. Successful completion of the Piloting Course is a prerequisite for membership in the Hampton Roads Power Squadron which is a unit of the large national yachting fraternity, the United States Power Squadron. As a member of this organization a person may take other courses in boating. These courses deal with Advanced piloting, or the proper piloting procedure for operating a boat in enclosed tidal waters; Seamanship, or the proper use of lines and the proper technique for handling a boat in adverse weather; Junior Navigator, dealing with the most complicated forms of the piloting problem as would be used in off shore operations; and finally the Navigator course which covers the actual navigation of a vessel at sea using all methods of celestial navigation as well as loran, sonar, and radar. There may also be courses in motor mechanics and meteorology if a desire for these courses is expressed.

For more information concerning the classes contact Dick Cole, Hampton 3-2118.

FOUND: Pair of glasses in front of IRD. Call 4440.

FOR SALE: De Roben piano - \$50. 108 Armistead Ave. after 5 p.m.



The above picture was taken in 1928 when Mrs. Walcott, wife of Dr. Charles D. Walcott who was Chairman of the NACA from 1919-1927, and Mrs. Robert Millikan visited the Laboratory. Shown above are (from left): Dr. H. J. E. Reid, Director of the Langley Laboratory; Miss Pearl I. Young, former head of the Editorial Office; John F. Victory, NACA Executive Secretary; Mrs. Walcott; Dr. Edward R. Sharp, Director of the Lewis Laboratory; Mrs. Robert Millikan, and Tom Carroll, former Laboratory test pilot.

## BINGO STARTS

(Continued from page 1)

basis as was used last year. The game will start off next Thursday with five numbers being called for a Proctor Automatic Toaster, Universal Coffeematic Percolator, and a Proctor Never-lift iron. If no one bingos, another prize will be added at the next party and six numbers will be called. The number of prizes and the numbers called will increase each time until some one bingos.

The grand prize will be a match set of genuine leather luggage for men or women. The regular prize list will include a musical alarm radio, pop-up toaster, waffle iron, electric clock, set of steak knives, clothes hamper, bathroom scales, and a number of other similar gifts.

FOR SALE: Hampton I Design sailboat. Ruggles, Editorial Office.

FOR SALE: Maytag washing machine. \$40. Reeder, Hampton 6444.

NOTICE: Will the person who borrowed the book on "Radiant Heating" by Adam please return to Booth, Maintenance Office.

## COMING EVENTS

Printed below is a calendar of events scheduled to take place in the Activities Building throughout the coming week.

- September 24 - 2 p.m All Stars vs. West Machine Softball Dance
- September 25 - IRD Party
- September 27 - Transonic Conference  
Ping Pong Club  
Bridge Club
- September 28 - Transonic Conference  
Male Chorus  
Music Club
- September 29 - Bingo Party
- September 30 - Gas Dynamics
- October 1 - Structures

FOR SALE: Monitor washing machine. \$15. Hampton 3-5496.

FOR SALE: Complete heating plant for 5 or 6 room house - \$350. Includes 6 thin tube radiators, 25 inches high, oil fired boiler with all controls, water heater and 2 30 gallon water tanks. Will sell separately. Miller, Hampton 8993.

WANTED: Ride for 2 to Philadelphia October 14. Coleman, 2392.