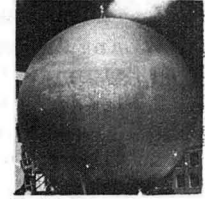
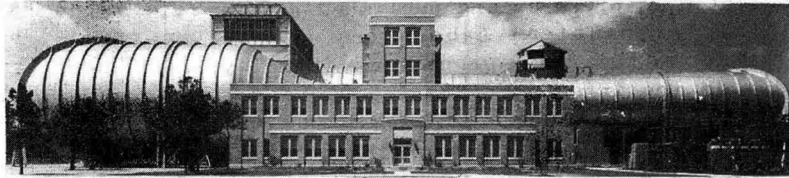
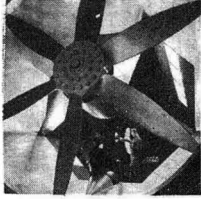


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 17, Vol. 3

Langley Field, Virginia, April 15-21, 1944

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EXPRESSES INTEREST IN ARMY-NAVY PLAN TO COORDINATE ALL TRAINING

General H. H. Arnold, commanding general of the U. S. Army Air Forces and a member of the National Advisory Committee for Aeronautics, expressed his interest in the Army-Navy NACA Personnel Plan in a recent letter to Dr. George W. Lewis, Director of Aeronautical Research.

Noting, "with considerable interest, that the President approved the plan...for the use of military personnel in the operation of research facilities of NACA", General Arnold said:

"I understand that the Subcommittee of the Army-Navy Personnel Board is vigorously working on the job specifications and essential personnel involved to see that the full complement of essential personnel remain on duty with the NACA.

"It is highly important that we keep the projects, associated with the war effort, moving as expeditiously as possible.

"As you know I am most interested in the work you are doing and although I cannot get to your meetings, I wish to assure you of my continued cooperation."

CITED FOR OUTSTANDING ACHIEVEMENT

From 'Aero Digest'

Dr. George W. Lewis, Director of Aeronautical Research, National Advisory Committee for Aeronautics, in recognition of his "outstanding achievement in advancing our knowledge of fundamental principles and practices of mechanical flight, and for leadership of practical research by government agencies in cooperation with industry", was awarded the honorary degree of Doctor of Engineering by the Illinois Institute of Technology at its recent 50th Anniversary meeting.



Dr. Lewis

NEW BUS SERVICE FOR DAY, NIGHT SHIFTS AVAILABLE

Two new bus services have been inaugurated at LMAL and the cooperation of employees is requested in order that the schedules will be maintained.

A bus leaves from the area between the Administration and Technical Service Buildings at 4:50 p.m., going to Hampton, down Victoria Avenue, thence down Kecoughtan Road to Algonquin road.

Another bus for night shift workers leaves from opposite the 19-foot Tunnel at 11:55 p.m. en route to Ann Wythe Hall, going through Hampton from Court Street to Queen to Back River Road to Newport News Avenue to Shell Road to Franklin Street to Ann Wythe to Kecoughtan Road to the Car Barn.

Charles A. Hulcher this week assumes his duties as Chief of the Training Division, a new division established in the Administrative Department to coordinate training activities and to plan additional training projects. His new office is located adjacent to the Dispensary in the Technical Service Building. The telephone number is 300.

Advisory Committee

A Laboratory Committee on Personnel Training will act in an advisory capacity to the Supervisor of Training. The membership includes Joseph N. Kotanchik, chairman; Ira H. Abbott, William A. Aery, John C. Messick, and Hartley A. Soule, and ex-officio members George B. Colonna, Elton W. Miller, and H. J. E. Reid.

List of Programs

Mr. Hulcher will coordinate such training programs as those for women laboratory aides; supervisory improvement programs; training of clerical and mechanical workers; Engineering, Science, and Management, War Training and University of Virginia engineering courses for professional workers; apprenticeship training; related study courses for sub-professional workers; and various other courses conducted through the local War Training Office.



The LMAL Bulletin is prepared and published at the Langley Memorial Aeronautical Laboratory of the National Advisory Committee for Aeronautics, Langley Field, Virginia, in the interest of LMAL employees. Contributions of news and art should be sent to the Editor, in the Administration Building. Telephone: 376.

Editor H. Lee Dickinson
 Associate Editor Ruth Angel
 Reporters LMAL Employees

Sailor Sends His Regards

V. H. Livesay, Radioman 2/c in Uncle Sam's Navy, wrote us last week that "mail call aboard ship is the time when sailors' anxious and expectant eyes are turned to that sack of reports from the home front in hope of finding some heart-warming missiles coming their way.

"Today (April 1) my hopes were well satisfied when I dug into the heap to haul out the LMAL Bulletin...After covering the gazette from stem to stern a couple of times I was beaming with pride and exultantly passed it on to my mates, iterating to them, 'there is where I used to work...."

Livesay, who began work at LMAL in 1940 and was employed in the Instrument Calibration Laboratory before resigning on Feb. 27, 1942, said that receiving the Bulletin "was the next best thing to being back there with you. Many familiar names were present and it certainly is good to hear of their accounts and the magnificent job they are doing...."

HOLD REHEARSALS FOR HAMPTON PLAY

Dave Goldenbaum, Tank, director of the Hampton Little Theater play, "Guest in the House", announced that the three-act psychological melodrama will be presented May 11 and 12 at the Hampton High School auditorium. It will be the final production this season of the local group.

The players, included among whom are several Langley Laboratory employees, are: Mrs. Eleanor Talkin as Ann Proctor; Beverly Ann Farster as Lee Proctor, her daughter; Mrs. B. G. Bennett as the maid; Eugene Clement as the Rev. Dr. Shaw; Mrs. John D. Williams as Aunt Martha Proctor; Ann Wenzel as Miriam Blake; Robert Selden as Dan Proctor; John B. Parkinson as Douglas Proctor; Harold Levitt as the butler; Margaret Patterson as Evelyn Heath; Jacquelyn Cock as a reporter, and Crickett Burr as a photographer.

Rehearsals are being conducted four nights weekly at Armstrong School. Douglas King, stage manager, is designing an elaborate set for the performances.

George B. Colonna, the play's producer, quotes the New York Times as describing "Guest in the House" as an "engrossing play about a suburban couple who give house- room to a female guest and live to wring their hands in anguish. Shrewdly written, dextrously acted, it is likely to give you the horrors before the authors and actors dispose of the menace. If they had shown any sign of letting the little monster escape from the scene of her crimes, the first-night audience (on Broadway) would have rushed up on the stage and torn her limb from limb...The play crackles with terror and takes high rank as a heebie-jeebie show".

SELECTIVE SERVICE SEEKS COOPERATION

All Laboratory employees who are included in the Joint Army-Navy Personnel Plan have received applications for voluntary and immediate induction, as well as forms for transfer of induction.

Laboratory officials emphasized that these workers, when they receive notice of order for preinduction physical exams or order for induction, should immediately notify the Selective Service Office (Technical Service Building), phone 368.

These workers who wish to come under the Plan should check, without delay, on the certification of request for return to LMAL which will have to be presented at the Richmond Induction Station or the Fort Meade Induction Station before any man can be assigned to the Air Corps Enlisted Reserve. This should be done through the Selective Service Office here.

USO NEWS

This week's program at the Hampton Industrial USO will begin with bridge night on Monday, April 17, from 8 to 11. The April 18 calendar will feature a chess exhibition. Sal Rubinow will play six to eight competitors without seeing the boards. Dancing class will be held at 4:30 p.m. on Wednesday, April 19. On Thursday, April 20, the movie, "The Falcon in Danger", starring George Sanders will be shown at 8:30 p.m.

LOST: At Stability Tunnel approximately on April 1, one Brown and Sharp combination square with angle protractor; 12-inch scale; Inv. No. 17146; notify Steve Mason, Stability Tunnel.

Experience: Something we get too late to keep us from doing what we shouldn't have done.

—Shoot 'Em Down

NEW PHONE NUMBERS: Personnel Recruiting, 308; Bond Office, 215.



LMAL WINS SHARE OF WRIGHT MEDALS

Two employees of the Langley Laboratory and one former LMAL staff member have been recipients of the Wright Brothers Medal, awarded by the Society of Automotive Engineers as insignia of honor for papers of merit on aerodynamic and related subjects.

Eastman N. Jacobs, long-time employee of the Langley Laboratory and now an NACA consulting engineer, won the medal in 1933 for a paper on "The Aerodynamics of Wing Sections for Airplanes".

Richard V. Rhode, head of the Aircraft Loads Division here, received the honor in 1937 for a paper on "Gust Loads on Airplanes".

Edward P. Warner, first Chief Physicist to serve at LMAL and at present a member of the Committee, took the 1932 award for a paper on "Rational Specifications of Airplane Load Factors".



Other winners: 1928--Lieut. Comdr. Clinton Hunter Havill, U. S. N. 1929--Ralph Hazlett Upson. 1930--Theodore Paul Wright, present Committee member. 1931--Stephen J. Zand. 1934--Rex B. Beisel, A. L. MacClain and F. M. Thomas. 1935--William Littlewood, present Committee member. 1936--R. J. Minshall, J. K. Ball and F. P. Laudan. 1938--No award. 1939--Kenneth Allen Brown. 1940--Clarence L. Johnson. 1941--S. J. Loring. 1942--Charles Romain Strang.

Costas Pappas, engineer for the Republic Aviation corporation, a frequent business visitor to LMAL, will receive the 1943 award at the annual dinner of the SAE April 16 in New York.

The Medal is awarded to the author of the best paper on aerodynamics or structural theory or research, or airplane design or construction, which shall have been presented at a meeting of the SAE or any of its sections during the calendar year.

If in the opinion of the judges there has been presented during a calendar year no paper dealing with these subjects worthy of the award, the medal for that year may be awarded to the author of the best paper on any other aeronautic subject.

Papers are judged primarily for their value as new contributions to existing knowledge of the aeronautic art.

DANCE HIGHLIGHTS APRIL SOCIAL SEASON

Next Friday night, April 21, will highlight April's social season when Green Cow members and their guests put on their dancing slippers and take their old "one, two, slide" down to the Hampton Armory.

The dance will begin at 9 to the music of Blair Blanton and the Southerners. The orchestra features the pianostylings of the leader and the songs of Shirley Linkus.

Season tickets are still on sale.

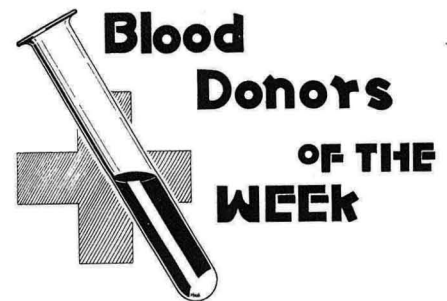
DISCUSS AMA REGULATIONS

Russell Nichols, Secretary of the Academy of Model Aeronautics, visited the Laboratory recently to confer with Charles A. Hulcher and Dick Everett, members of the AMA rules committee, and Frank Parmenter, president of the Brain Busters, local model airplane association.

The current 1944 rules were discussed and Nichols clarified several of the more important ones. A summary of the conference will be presented at a meeting of the Brain Busters April 16 at 8 p.m. at the Hampton Industrial USO. Suggested rules changes, as presented in the April 1-7 issue of the LMAL Bulletin, will be further discussed and then voted on.

Paul Marchal, Secretary of the Brain Busters, pointed out that good flying weather is just beginning and many of the fellows have the "flying bug" again. He added, however, that they are hesitant about building until a definite set of rules is adopted.

Two rules meetings have been held this year with virtually no attendance, Marchal said, emphasizing that unless "you model builders wish to abide by rules formulated by five or six members, you had better make it a point to be on hand for this meeting".

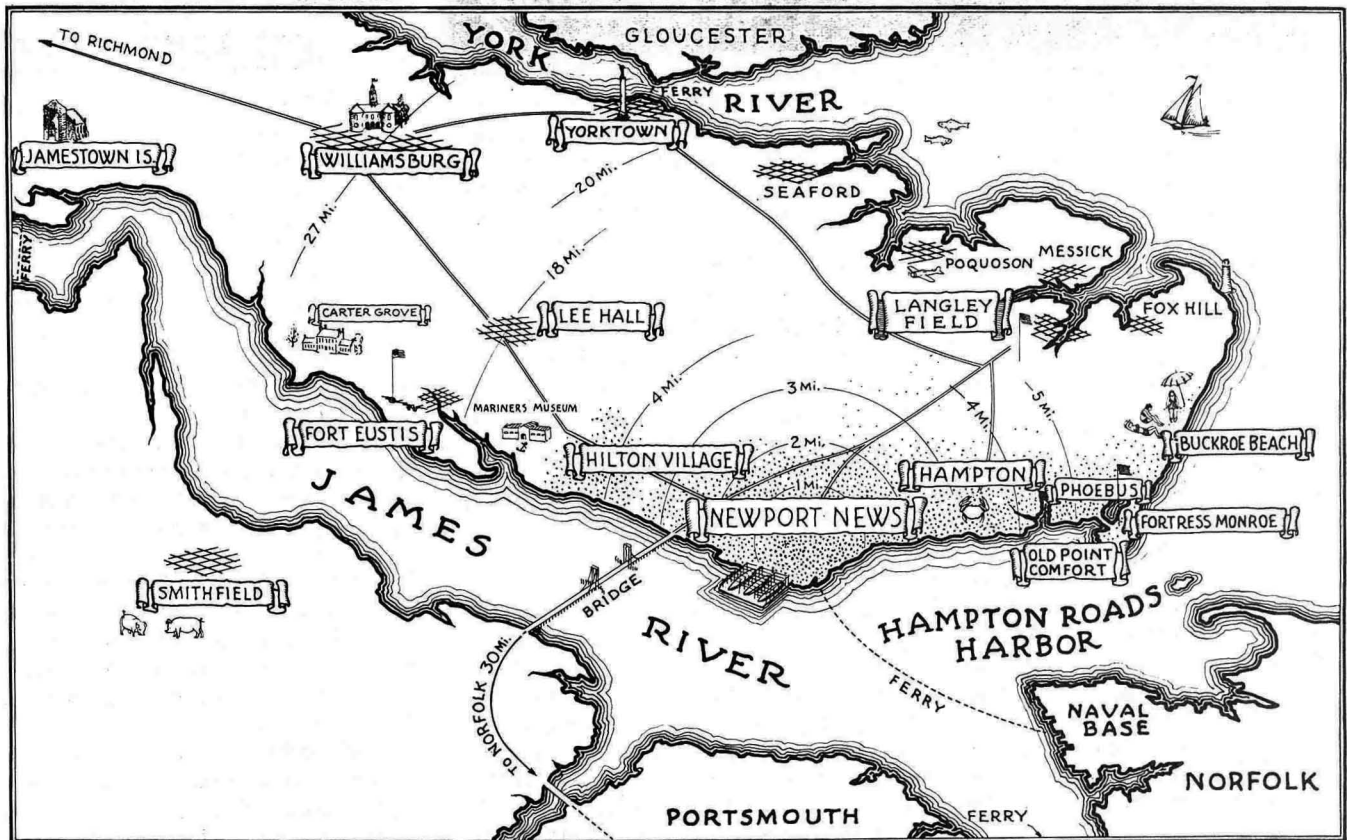


LMAL BLOOD DONORS

Jerry Teplitz, Sidney R. Alexander, 19-foot Pressure Tunnel; David F. Kirwan, Clifford S. Gardner, Arthur J. Torsiglieri, Instrument Research; and Joseph S. Cross, E. Sheetmetal Shop, all to emergency cases at the Dixie Hospital.



MAP PICTURES PENINSULA'S POINTS OF INTEREST



More than three hundred years before one Betty Smith discovered that "a tree grows in Brooklyn", another Smith--Captain John--described the Peninsula as a "country that may have the prerogatives over most places known, for earth and heaven never agreed better to frame a place for man's habitation!"

Now that spring has finally arrived and nature combines to make the Peninsula's points of interest more inviting, this pictorial map of the community might be of service--especially to the large number of new employees who have come here to make their homes and to further their careers.

Within a few weeks, sailboats will be dotting the waters along local shores; hook-and-line fishermen will be lazily angling for the denizens of the deep; and Laboratory employees will be visiting such points of interest as Williamsburg, Yorktown, and Jamestown, where so much of the nation's colonial history transpired.

Cradle of the Republic

On May 13, 1607, the Sarah Constant, the Godspeed, and the Discovery, three small sailing vessels which had departed England more than four months before, glided to anchor in the James, just off Jamestown. There followed an exciting period of adventure. It was during the first year that Captain Smith was captured by the Indians. Chief Powhatan was about to behead him, but his life was spared by the pleading of the Indian warrior's young daughter, Pocahontas.

Middle Plantation--so-called by reason of its central location between the James and York Rivers--later named Williamsburg in honor of William III of England, became the capital of the Royal Colony after Jamestown was destroyed during Bacon's Rebellion. Following the removal of the capital to Richmond, Williamsburg settled down to be a peaceful college town; but many of the buildings and landmarks, well known in the 18th century when the spotlight of public affairs was thrown on the community, have been restored and today are show places to the lovers of history and tradition in America.

Freedom Won At Yorktown

The area around Yorktown is included in the National Park Service, which has restored old buildings and reconstructed the battlefields of 1781, where Cornwallis fought and surrendered to the forces of General Washington. York River, which Yorktown overlooks, is now a popular rendezvous for boatsmen and bathers.

One of the more modern places of interest is the Mariners' Museum, a repository for marine antiquities. Incident to the vast park is an artificial lake where aquatic plants flourish and wild fowl find a peaceful haven. In the exhibit building are such sea relics as figureheads from ships, old whaling equipment, early Spanish boats, canoes from South Sea Isles, marine paintings, ship models, and articles recovered from warships sunk in the York during the Revolution.

Life At The Laboratory

ROMANCES: Audrey Campbell, Editorial, is engaged to Roy Lange, Full Scale Tunnel, and the big event has been set for early summer....Today is the big day for Bill Thornton, Engineering Section. He is marrying Margaret Rose of Petersburg... AWT gave Vito Tamburello a big send off on the road to matrimony Tuesday night with a party at the home of Billy Warren. Vito will be married today in New York to Mary Giaramita.

HERE AND THERE: John Draper, Free Flight Tunnel, and Francis Carter, Dynamic Model Shop, spent Easter at Francis' home in Washington....Scotty Bowlin, W. Machine Shop, and his wife, Marie, of Construction Purchase, are back after a visit to Marie's home in Burlington, N. C....Vivian Jennings, L Purchase, is vacationing with her husband in Tennessee and Mississippi....Gabriel Glasheen, Structures, is visiting his home in New York....Paul Boeger, Engineering Section, is back after a trip to Baltimore....Si Diskin, Structures, is vacationing at his home in Baltimore.

ILL WINDS: Irvin Schumacher, Engineering Section, is back at the Lab after a week's illness.

MISCELLANY: Virginia Peters, AWT, is commuting to Baltimore on week-ends to visit her Navy Lieutenant husband.... Dave Hanes and Frank Read, Engineering Section, and their wives spent Easter in Washington....Mary Goodloe and Wilfred Kelley, Tank, spent Easter at Mary's home in Crozet....Lib Garner, AWT, spent Easter with her family in Winston-Salem, N. C....Hazel Redding, AWT, has returned after spending Easter at her home in High Point, N. C....Miriam Puster, Tank, is back from a visit to her home in Emporia...Julia Woodbridge, ALD, is back after a visit to Washington....Jerry Hilton, AWT, is visiting her home in Wytheville, where she is spending a few days with her brother before he leaves for overseas duty.. ..Jerry Crouch, ALD, is visiting her grandmother in Goldsboro, N. C....Louise Spires, AWT, visited her family in Greensboro, N. C., during the Easter Week-end....Bill Chappo, ALD, is back after a visit to his home in Connecticut.

PARTYING: The Tank "Hydrosots" are having one of their well-known parties tonight at the Odd Fellows Hall. All are anxiously waiting and are planning a big blow out.

HYDRO MEETING: The Tank is having a division meeting on Wednesday night, April 19. At this time John Ebert will discuss his recent West Coast assignment and will illustrate his lecture with moving pictures.

CONDOLENCES: To Merle Marshall, AWT, on the death of her brother, killed while in the line of duty with the U. S. Navy, in the Pacific.

VACATION RHAPSODY: Polly Pollard, Impact Basin, spent Easter week-end in New York....Firman Cuthriell, Impact Basin, has returned after visiting friends in southern states.... Virginia Tucker, East Area Computing Section, is on a recruiting tour of North Carolina....Genova Hundley, Impact Basin, spent Easter at her home in Floyd....Sara Bullock, East Area Computing Section, spent Easter in Front Royal with Patsy Coe, Aircraft Loads.

LOST: In the East Area Cafeteria, a sport watch with a brown band. If found, please notify Hazel Skidmore, Personnel Office.

FOR SALE: A 1938 Harley-Davidson "61" motorcycle with one new tire in good condition. Price \$300. Call C. G. Prospere, Hampton 6274.

BADMINTON: The Hampton Industrial USO now has a badminton court, open to LMAL employees. It is hoped that enough persons will be interested in playing so that teams may be organized and a tournament conducted.

CLEVELAND CLIPPINGS

AIDS RESEARCH: Dr. Halvor O. Hem, Consulting Engineer of the Toledo Scale Company, and dean of its research and engineering group of 65 experts, has been appointed a member of the NACA Committee on Personnel Buildings and Equipment. He will serve as such without compensation. While much of his time will be spent at AERL, his suggestions will be of benefit to all three NACA laboratories. His earlier work, in machine design, wing tunnel balances, and other technical problems, has been outstanding.

CHEST X-RAYS: Chest X-rays are being made available to AERL employees, through courtesy of the Federal Business Association and the American Red Cross.

ORGANIZES: Members of T.C. Glenn's Supercharger Unit have organized. Officers include Ed Kaye, president; Ned Hughes, vice president; Ed Pack, secretary, and Dick Downing, treasurer. Glenn, H. Kline, and E. P. Milde comprise the directing board. As its first undertaking, the group plans a Cabaret Nite April 20 at the AERL auditorium.

RED CROSS: AERL answered the Red Cross War Fund Drive call with 92 percent participation. Only four of the 19 divisions failed to reach 100 percent. Total donations: \$5,468.36.

VISITORS: Recent AERL visitors included Melvin N. Gough, head of the Flight Research Division at LMAL, and Robert L. Orr, also of the Langley Laboratory.

DANCE DATE: The AERL Rifle Club plans a get-together dance in the near future.

INSTRUCTIONS: In a list of bowling instructions, Wing Tips suggests: "If you roll a ball in the gutter, grab your leg quickly and limp to the bench growling something about a slippery floor."

Save Lives - Speed Victory!

BUY WAR BONDS