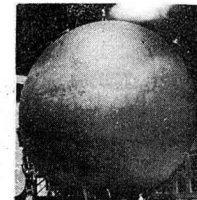
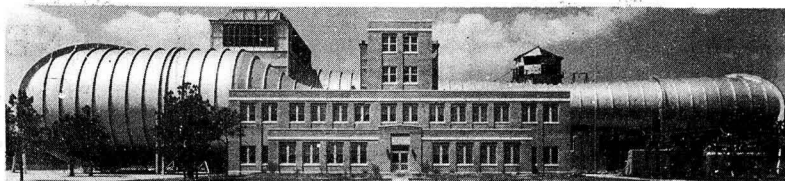
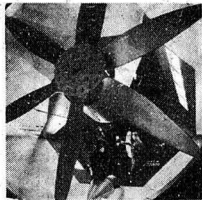


# LMAL BULLETIN



## LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 46, Vol. 3

Langley Field, Virginia, November 4-10, 1944

Page 1

### STAFF MAY VOTE WITHOUT LEAVE NINE LAB EMPLOYEES CAST BY GOLDENBAUM

Employees who want to cast their ballots next Tuesday will be allowed to take a reasonable amount of time off from work without charge of leave. This authorized absence may not exceed the time actually required to vote and in no event may it exceed one working day.

Anyone who makes use of the privilege will be required to sign in and out on the regular attendance sheets and to write "voting" in the space provided for remarks. Time so used will be charged to J.O. EAA812.

Those employees, requesting additional leave for voting purposes and requiring more than one day to get to their legal residence, will be granted permission whenever practicable. The period of absence in excess of one day will be charged to annual leave or, if leave is exhausted, to leave without pay.

\* \* \*

### KAYTEN NAMED TO BULLETIN GROUP

Gerald Kayten, of the 19-Foot Tunnel staff, has been added to the Advisory Committee for the LMAL Bulletin and has been named chairman of its subcommittee on general editorial planning and features.

This subcommittee and two others have been appointed by the chairman of the main committee at its request. Tom Hulcher heads the committee on news and news gathering, and his fellow members are Marvin Pitkin and Ann Timberlake. Arthur Samet is chairman of the committee on productive and technical problems and serving with him are Frank Aspin and Caldwell Johnson. Kitty Joyner and Donald Baals are serving with Kayten on the general editorial committee.

Dave Goldenbaum, veteran director, announced that as a result of tryouts held last Sunday, nine LMAL employees have been selected for roles in "Ah, Wilderness!", forthcoming production of the Hampton Little Theatre.

Jack Parkinson, Nancy Wall, Tiny Hutton, Phyllis Parker, Seymour Bogdonoff, Marjorie Patterson, Morton Scheraga, John R. Dawson, and Joe Allen are the LMALites who have been chosen.

The play will be presented only one night, Friday, December 8.

(Continued on page 4)

### Richardson Named To Replace Pace

Rear Admiral L. B. Richardson, Assistant Chief of the Bureau of Aeronautics, has been appointed by the President as a member of the National Advisory Committee for Aeronautics to succeed Rear Admiral E. M. Pace, USN, relieved on account of assignment to other duty. Admiral Richardson has been connected with the aeronautical branch of the Navy since 1924, and was advanced to his present rank in 1943.

### LATEST FIGURES PUT DRIVE AT \$4208

The total effort in the Community Chest-War Fund Drive had netted \$4,208 through last Wednesday. Employees have until Monday, November 6, to help meet the Laboratory quota of \$5000.

Only 1697 workers have made contributions to date. The Tunnel Area leads in participation with \$1,618; Administration is second with \$1,400; and West trails with \$1,135. Contractors' employees in the West Area have given \$55.

### SOLDIERS BEING HIRED FOR LAB

An official explanation of the workings of the Militarization Plan was made yesterday following the almost daily arrival of highly skilled personnel from the armed services.

These men have either returned from overseas or are over 26 years of age. They have been made available under a plan set up to procure skilled personnel for this Laboratory and AERL. They are on inactive status with the Air Corps Enlisted Reserve and, though they will all be placed on active service before final discharge from the Army, they will remain with the Laboratory in their present status as long as their services are needed to meet the present emergency.

Some of these men will fill vacancies now existing at LMAL. Others will be trained to replace men here who are under 26 years of age. Those replaced will be called into active service.

The new plan was formulated when the Army and Navy insisted that the vital work of the laboratories must not be hampered by lack of personnel. It was put into operation when sufficient qualified trained civilians, not subject to induction, were unavailable.

(Continued on page 4)

### IRD Seminar Held Thursdays At 5:30

Members of the Instrument Research Division are conducting a seminar on Electro-Magnetic Theory and Ultra-High Frequency Radio based on "Fields and Waves in Modern Radio" by Ramo and Whinnery. The group meets every Thursday at 5:30 P.M. in the Private Dining Room in the Administration Building. Anyone interested in the seminar is invited to attend. For further information call Shafer at 218.



The LMAL Bulletin is the official publication of the Langley Memorial Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Field, Virginia. It is published weekly in the interest of management and the employees. Contributions should be addressed to the Editor, in the Service Building, telephone 376.

Editor . . . . . Tiny Hutton  
 Managing Editor. . . . Ruth Angel  
 Sports . . . . . Si Diskin, Nancy Shelton  
 Reporters. . . . . LMAL Employees

USING WHAT WE HAVE

One of the constant gripes of newcomers and oldtimers alike concerns the lack of recreational facilities in the area. Generally, the complaint is well founded, for it is not denied that local facilities leave much to be desired.

In October, 1942, when no one would attempt to estimate the rate of immigrancy of war workers and military personnel, the Syms-Eaton Community Center was forced to close and turn its building over for military needs. Employees of the Laboratory were sorry to see this happen for it had proven a haven for many a homesick modelmaker and lonesome junior engineer. It had been a place where they could write letters, read books, magazines, and papers, play ping-pong, dance, listen to music, and follow many of their hobbies. It was a place where they could socialize, make new friends. For many, it was the nearest thing to home.

The day the center closed the directors began to plan a new one. This was partially realized with the opening of the Industrial USO, nearly a year later. This USO is doing a fine job, with limited space. A look at its record of past events and its calendar of future plans will make you wonder how they accomplish so much with so little space.

The Syms-Eaton Center now is open again! The Army has moved to other quarters and the building has reverted to civilian use. Eight hobby and recreation groups already have been assigned space to carry out their activities. But rooms are still available for other groups, and plenty of facilities for individual or group recreation. Directors have been obtained to supervise and coordinate nightly activities.

The Center is open evenings from 5 until 11 o'clock. It's there for the use of anyone who needs it and wants to use it. If you are a member of a group that requires a room for meetings, practice, work, or other activities, see Tom Hulcher, Supervisor of Training, who is chairman of the board of directors. He'll help you make the necessary arrangements.

If you're just looking for a place to drop in for relaxation try the Center. It's located on Academy street in Hampton, adjacent to the military USO.

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KEEPING IN LINE

Every afternoon the line of cars leaving the field is always slowed up by some drivers who pull out of line on Dodd Boulevard and try to get back in at the circle, always in a place more advanced down the line.

Nobody likes a cheater. Even though the entire situation is of relatively small value, the fact remains that the fellow who tries to get a better place in line is cheating. An interesting parallel can be drawn with the situation in England, where a person who cheats in a line at a bus or train station is apt to find himself in court.

The best answer we know is to apply the Golden Rule. No one likes to lose his place in line by having someone pull in ahead of him.

★ ★ ★

*Back the attack with War Bonds*

## SEIDMAN'S IDEA MAY RESULT IN NEW REPORTS

Pilots, airline operators, executives, and other persons vitally concerned with aeronautics, yet who do not have a thorough technical background, may have a chance to benefit greatly by a suggestion made by Oscar Seidman of Stability Research.

Seidman wrote the Engineer-in-Charge proposing that the NACA publish a series of "popular" reports on technical subjects. He pointed out that NACA reports are generally written for technically trained readers and expressed a belief that a series of technically sound, yet simple "popular" reports would provide a larger and better informed reading group among those with a lesser degree of technical training.

Seidman's suggestion was forwarded to Washington where it received favorable comment from Dr. George W. Lewis. It is planned to have these reports written on results that have already been presented in regular NACA technical form.

## NEW PROCEDURE USED IN HANDLING PARKING TICKETS

A new procedure has been started in the handling of the little white tickets handed out by the guard force for parking violations. These tickets are now prepared in duplicate and one copy kept in the files until the violator reports to the Assistant to the Administrative Officer. The original ticket is then placed in the employee's personnel folder and records of all subsequent violations will also be put there.

Officials have expressed a hope that infringements of parking violations cease so that enforcement will not be necessary.

★ ★ ★

The definition of engineering which expresses the thought of the profession today is: "Engineering is the science of controlling the forces and utilizing the materials of nature for the benefit of man, and the art of organizing and directing the human activities in connection therewith." The twentieth century addition to the definition of one hundred years ago is in the words "and the art of organizing and directing human activities in connection therewith."

--L.P. Alford Engineering Education

## Life At The Laboratory

**HEIR MAIL:** Still a bit shakened from the nerve-wrecking experience, Joe Burke returned to his office Friday, October 27, in an effort to pull himself together before undertaking the responsibilities of the new title that had just been conferred upon him - that of "Papa Joe". "Mama" Pearl and Joe, Jr., are doing fine, but Burke's condition is reported as being critical. However, some change is expected within the next few days. . . . Swelling with pride but apparently none the worse off, Henry Suydam, Tank, passed out cigars in a big way on Thursday, October 26, in honor of his new son, Allen Henry. . . . Israel Taback, ICL, has added to his future staff of NACAs a junior mathematician, Ann Louise, born October 24. Taback reports that she will be ready to report for duty in approximately two weeks; however, this may be a slight miss calculation.

**PARTIES:** Jay Bird's rumba, Timberlake's hula, and fun galore featured the annual Stability Division picnic at Oak Point Lodge Sunday, October 29. The muscle-bound lads and lassies from AWT walked away with the athletic events, and as usual, the Stability Division plaque is hanging in their sacred halls. . . . Feeling that NACA veterans Keffer, Wolf, and Eakin have nothing on them, Ida Young and Viola Ohler, Editorial Office, celebrated their fifth anniversary at LMAL on Saturday, October 28. . . . Hallowe'en proved to be a bang up evening for the personnel of 16-Foot Tunnel. A progressive party throughout the vicinity of Armstrong Gardens and South Hampton was staged. Much gaiety took place and increased as the party went on its rounds, beginning at Jack Ruckel's apartment and finally ending up at Blake Carson's, which was designated as the finishing line.

## BULL THROWS MAN



Shorty Sheppard, of the Maintenance painters, recently journeyed south of the border to No'th Ca'lina. While at the farm of a friend, Shorty decided that the time was ripe for the practicing of one of his favorite sports, that of throwing the bull.

Shorty apparently picked out a bull near his own size. In the picture on the right it would appear that Shorty is on his way down but he informs us that he really showed "that ferocious animule" who was boss.

## Four Men And A Pole

Ernest Johnson, Percy Crain, George Hearn, and Charlie Wolf were out on their boat last Sunday trying to sink a stake so that they could tie the boat to same. Johnson, Crain, and Wolf were in the boat, pulling and hauling on the pole, forcing it into the mud. Hearn was up on top with his feet pushing against it. Somehow or another, he slipped, did a neat forward one-and-a-half to the washboard, and then reversed into a backward somersault into the water. The crowd roared as he plunged to a depth of seven feet. After coming up, he was helped aboard and dried out.



George is receiving sick cards at home; he suffered a badly bunged-up knee.

Percy and Charlie are busily denying accusations that they were trying to shake him off the pole.

## AWT, SHOPS, ALD PRD TAKE GAMES

AWT, 1; Tank, 0 (forfeit)  
Shops, 13; Stability, 0  
ALD-19', 18; Engineering, 6  
PRD, 13; 16-Foot, 0

Shops took over possession of fifth place last Sunday with a 13-0 win from Stability. In the second quarter, Bob Muhly made a 25-yard pass to Tommy Kurtyka on the Stability 25-yard line. Kurtyka ran the remaining distance for a touchdown. . . . Again in the fourth quarter, Muhly made another touchdown toss, this time to Jack Kinzler. Grant placekicked the point.

Behind good blocking from the entire team, Pat Cancro flipped three scoring passes to help ALD-19' down Engineering, 18-6. Deters, Spooner, and Neely were on the receiving end. The Engineering score came on a pass from Schumacher to Vollrath in the last quarter.

Physical Research had an easy time with 16-Foot, winning 13-0. McNulty passed to Jaquis for the first tally after an interception by Bowen had given the ball to PRD. Cannon went through the line for five yards and the second score in the final quarter. Oborny placekicked the extra point.

AWT gained a half-game on Structures with a forfeit from Tank. The Flight-Structures and PRT-8-Foot games were postponed until December 3. Standings:

Team	W	L	T	Pctg.
AWT	5	0	0	1.000
Struc.	4	0	0	1.000
PRD	4	0	2	.833
Flight	4	1	0	.800
Shops	3	2	1	.583
ALD-19'	2	2	1	.500
8'-LTS	2	2	0	.500
Stab.	2	3	1	.417
Eng'g	2	4	0	.333
Tank	1	3	1	.200
PRT	1	3	1	.200
IRD	0	4	1	.100
16-Foot	0	6	0	.000

## classified

WANTED: A small radio, Annette Coope, East Engineering.

WANTED: Electric iron and radio. Nancy Highsmith, Full Scale Tunnel, and Revie Bayer, Impact Basin.

FOR SALE: Blue davenport, chair, unpainted bed, coil springs, mattress, large maple chest of drawers. Evan Schuette, Structures.

LOST: Large black purse containing valuable material. Reward. Sally Mills, AWT.

WANTED: Will pay cash for late model used car in good condition. Evan Schuette, Structures Research.

## FORMER EMPLOYEE VISITS LAB WITH STORIES OF WAR

Frank Kubeck, another of our ex-employees home temporarily from the war, visited the Lab last Wednesday clad in the blue and gold braid of a Junior Engineer in the Army Transport Service of the merchant marine.

Frank spent most of his time with his former associates at 19-Foot, but on his way out he stopped by the Bulletin Office to relate a few of his experiences and to express his thanks for sending the Bulletin.

He left the 19-Foot Tunnel in December, 1942, and since that time has made four Atlantic crossings. His latest trip lasted for eight months and took him into 26 ports, two of them being Toulon and Marseilles during the invasion of southern France.

An invasion was nothing new to Frank, since he had previously had a ship bombed from under him during the Sicilian invasion. At that time he was aboard an auxiliary troop transport carrying munitions. One bright Sunday morning found the men on deck, in harbor, watching the Navy's guns blasting away at German tanks in the hills. In return, the Nazi guns were shelling the ships in the harbor. Early in the afternoon, a squadron of planes came over and the crew thought they were friendly until one of them peeled off and came screaming down at the ship. A direct hit exploded the cargo and Frank found himself with a bucket on his head warding off debris. It seems that the skipper had borrowed his helmet. The ship was abandoned and Frank was among survivors picked up by the Navy.

When asked about post war plans, Frank said that he would like to come back to the Laboratory.

He said that his biggest thrill came when he docked in Newport News a few days ago and found, among a month's supply of Bulletins, that 19-Foot had won the softball championship.

### Little Theater

(Continued from page 1)

Admission will be for members of the Little Theatre only.

Other members of the cast are Stella Colonna, Virginia Edmonds, Crickett Burr, Irene Farster, George Smith, and Tommy Bennett.

Doug King is in particular need of stage hands, electricians, and other technical helpers for the production staff. All interested persons, who favor the technical side of play production, are asked to contact King at Tank No. 1

## PUBLICATION DAY MOVED TO FRIDAY

Beginning with the next issue, publication date for the LMAL Bulletin will be on Friday instead of Saturday. It is believed that news of weekend happenings will be of more value with the earlier date.

The final deadline for accepting copy will be moved up to Tuesday noon preceding publication.

Several new features will begin with the next issue. Be on the lookout for them.

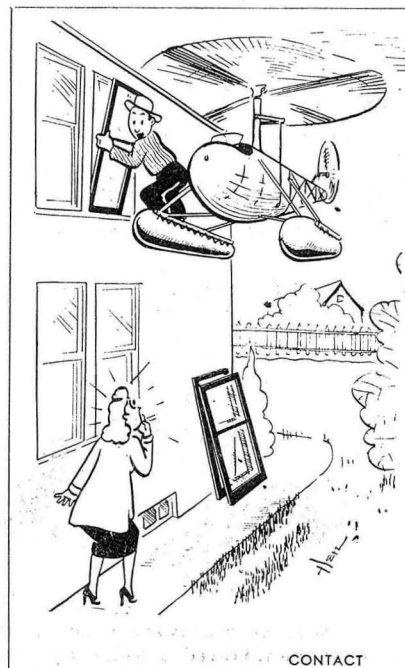
Contributions from employees are still wanted. The staff of the Bulletin would appreciate any articles submitted along news, feature, or editorial lines. Each article contributed will be given full consideration and its use will depend on its content and value. Cartoons and other art contributions are still solicited. If you have an idea and can't draw, submit your thought in rough draft form and the staff will have it put in final form.

## SOLDIERS

(Continued from page 1)

Until some relief in the employment situation is forthcoming, it is anticipated that this plan will remain in effect and that recruits for the Laboratory will be obtained largely from military personnel returned from overseas duty.

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CONTACT

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Save Lives - Speed Victory!

## BRAINBUSTERS CHALLENGED

*Editor's Note: The Bulletin recently received a copy of the following challenge made to the Brain Busters by members of the Hampton Roads Model Club Association. We hope to be able to publish the Brain Buster's reply in the next issue.*

"It was stimulating to note the intense activity which manifested itself at the corner of Victoria and LaSalle Avenues in the recent model activities and we all congratulate you on the conduct of the very successful meet."

"A number of us old timers note with a certain feeling of disappointment that since our reign of activity, advancement in design, efficiency, and overall performance does not appear to have kept step with our anticipated expectations. As a matter of fact, certain doubts have arisen as to whether or not our old standards have been lived up to. We do, therefore, as members of the Hampton Roads Model Association, Local Chapter of the Virginia Model Association, affiliated with the Academy of Model Aeronautics, branch of National Aeronautical Association, do hereby challenge the entire Brain Buster organization to an open contest for Class B gas models, since these are the only motors we happen to have, on December 3, 1944, in the hope of stimulating progress in the local Brain Buster organization by demonstrating their actual weakness and shortcomings in model performance as compared to the standards formerly established by members of the nationally known Hampton Roads Model Association. Should your group indicate the courage necessary to accept this challenge, we shall be happy to meet with your representatives to arrange for final details of the meet."

Signed: Tom (Hurricane) Hulcher, Caldwell C. Johnson, Norman Richardson, W.F. Lindsay, Dick (Has Been) Everett, Phillip Waldo Pepon, William B. Mayo, and Theodore Schindler.

