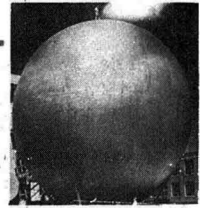
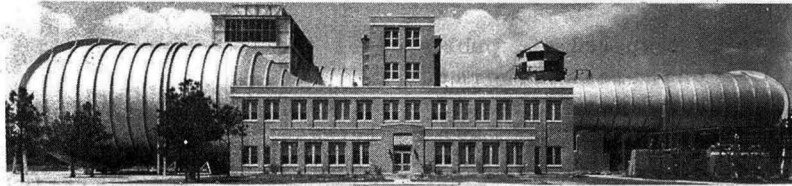
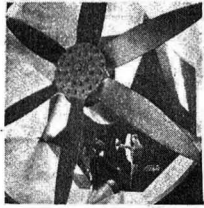


# LMAL BULLETIN



## LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 12, Vol. 3

Langley Field, Virginia, March 11-17, 1944

Page 1

### BEGIN APPRENTICE TERM MARCH 27

The next term of the Apprentice School will begin at 7 p.m. March 27 at the Hampton High School. The term now running will terminate March 16. During the week in between classes, exempting examinations will be held to determine the proper classes to which students should be assigned and also for the purpose of allowing credit for work previously taken in another school. These examinations will be held Monday, March 20, from 7 to 9:30 at Hampton High School and on Wednesday, March 22, at the same time.

The classes which will begin March 27 will include Shop Math 1, 2, and 4, Blueprint 1 and 2, Physics I (mechanics), Physics 3 (electricity and magnetism), Mechanical Drawing, Use of Handbook, Radio, Meteorology, and Simple Aerodynamics. All Laboratory workers interested in these classes are requested to register by calling the Apprentice Office, preferably during the week beginning March 13.

There will be a special class in Simple Aerodynamics for those who previously took the course under Cal Muse.

### Milestone

The NACA, established by an Act of Congress on March 3, 1915, this month is entering on its thirtieth year of activity.

### RED CROSS CAMPAIGN GOES OVER THE TOP

The Laboratory's quota of \$3000 in the Red Cross War Fund Drive was topped last Wednesday when contributions from employees totalled \$3123.76. A total of 1820 employees made contributions.

Tiny Hutton, Chairman of the drive, gave highest praise to the three area chairmen, their assistants and their solicitors. Virginia Tucker, head of the East Area Computers, led the Full Scale Tunnel Area to the highest total with \$1179.31 to her credit. The West Area,

under the direction of Catherine R. Turner of the Construction Office, came through with \$991.75, and Lucy Bainbridge, head of the Stenographic Section, reported a \$952.70 total from the Administration Building Area.

Any employee who was not contacted during the campaign and who wishes to make a contribution, may communicate with any of the solicitors. Additional funds are still being received and it is hoped that the quota will be exceeded even more.

Solicitors during the campaign included:

Administrative Area--  
Frances Leigh, Glenda Ellison,

\* \* \*  
Barbara Brown, Anna George, Dorothy Cole, Ella Walters, Margery Waters, Ruth Webb, Johnny Fuller, Elizabeth Saunders, Chris Reynolds, Virginia Peters, Mary A. Smith, Elizabeth Patterson, Helen Carlberg, Mrs. Emma McSmith, Ann Rogers.

Full Scale Area--Ruth Zwicker, Dot Young, Patsy Coe, G. C. Furlong, Hazel Philyaw, Arlene Hunt, Esther Wendling, Betty Ludwig, Jane Perry, Allie Fay Ellis, Esther Draughn, Floyd Rogers, Bernice Hugate, Evelyn Morris, Dorothy Melton, Cynthia Lowe, John Doyle, Saramae Mason, Mary H. Austin, Florence Winton, Ruth Barn-

(See page 6)

### EASLEY PRAISES LMAL WAR LOAN RECORD

James S. Easley executive manager of the Treasury Department's war finance committee for Virginia, has written a letter of congratulations to the Laboratory on the success enjoyed during the Fourth War Loan Drive.

The final figures show that cash sales totalled \$55,526.50, the January payroll allotment was \$63,663.36, and the February allotment was \$66,165.05, making a total of \$186,354.91

Easley called it "a most remarkable record, and I trust will be an aid to us in securing better cooperation from other businesses and agencies. The story of this record will be used in our News Letters as a record of achievement."



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  
Managing Editor . . . . E. McKinley Hutton  
Associate Editor . . . . Ruth Angel  
Art Editor . . . . . Ben Vogel  
Reporters . . . . . LMAL Employees

#### *Safeguard Vital Information*

The importance of the security of information is cited in a communication received from President Roosevelt by Dr. Jerome C. Hunsaker, Chairman of the NACA, in which the Chief Executive joins with the joint chiefs of staff and our military commanders in expressing "serious concern over comment in the press and on the radio by prominent persons in this country with respect to projected military operations".

The President said further that, "from a study of such material, it is apparent that there is serious danger of compromising the security of projected military operations which conceivably could result in unnecessary loss of lives and jeopardy to the operations themselves. The Office of Censorship is taking such action as lies within its power to prevent disclosures of classified information in the press and on the radio".

"Will you please see that your particular department and its various bureaus and divisions issue instructions to their personnel to refrain from any speculation or discussion, either privately or for publication, regarding secret weapons or equipment, current and future military operations or plans and the movements of troops and ships, prior to announcement by the proper military or naval or higher authority; and, in cases of high level international conferences, prior to authorization being secured from the Executive Office of the President."

#### *Observe Parking Regulations*

There are a number of parking spaces in the vicinity of the Administration Building which are reserved for special activities and are constantly misused by indiscriminate parkers.

The spot that falls victim daily is the space reserved for the Personnel station wagon near the west entrance of the Technical Service Building. This place is reserved so that the station wagon, which brings new employees to the Personnel Office, won't have to waste time hunting for a space to park every time it makes its rounds.

Other reserved spaces are the ones in the official parking lot at the south entrance to the Administration Building. There places are marked for several officials of the Laboratory, official cars and station wagons, and official visitors. There are not even enough spaces there for the needs of the lot, and when unauthorized persons park there, it causes more confusion.

Persons who park incorrectly are liable to have their cars tagged by the Laboratory guards.

That in itself should be enough to stave off future violation, but if it isn't, just remember that those spaces were marked off for a particular reason; let that reason be good enough for you.

# Service Notes...

Carl J. Wenzinger, former chief of the 19-foot Tunnel Section, sent us a letter last week describing something of his new life with Uncle Sam.

Lieutenant Wenzinger, who departed the Lab on Oct. 27 for active duty with the Navy, is assistant officer-in-charge of the Aeromechanics Division at the Navy's new experimental center, David Taylor Model Basin at Carderock, Md.

"We are just getting two new medium-size, medium-speed, wind tunnels into operation, and are having the usual 'growing pains'. Also, we have two older wind tunnels already in operation at the Washington Navy Yard", Wenzinger wrote.

He explained that most of his organization's work comes from the Bureau of Aeronautics, with some from the Bureau of Ships, Bureau of Ordnance, and other government agencies. "We are swamped with projects, and greatly in need of personnel! (As tho that was something new)."

"Anyway, the work is very interesting, and we certainly get many new views on aeronautical problems, especially from the Navy viewpoint."

Wenzinger, who has been placed on the Bulletin mailing list and will hence forth receive weekly news of his former associates, asks to be remembered to all his friends at the Lab.

Edward W. Reuben, formerly of the East Machine Shop, sends his regards to friends at LMAL. He has been assigned to basic training in the Army Air Forces at Greensboro, N. C., where he hopes to qualify as an air cadet.

James A. Bertocci, LMAL employee, has received word that his brother, Vincent J. Bertocci, 26, Marine Corps private first class, was wounded during the American invasion of the Marshall Islands.

**EMPLOYEES ASKED TO TRY OUT  
FOR NEWPORT NEWS PLAY**

The Newport News Little Theater will hold tryouts for "Separate Rooms", a comedy in three acts, at 8 p.m. Thursday, March 16, at the Hospitality House on Thirty-fourth Street in Newport News.

The play will be directed by William Cullen, who urges all those interested in little theater work, particularly acting, to attend the tryouts. New members will be given every opportunity to take an active part in the play.

**ROOMS FOR MEN, COUPLES  
NEEDED BY HOUSING OFFICE**

A large number of new recruits are entering on duty at the Laboratory and the Housing Office is desirous of enlisting the assistance of staff members in obtaining adequate accommodations for them.

Any Lab employee who has a room available for men or couples, or who knows of such a vacancy, please communicate the information to the Housing Office, telephone 381.

**"WORST" AID**



**ANY UNSAFE PRACTICES ?**  
Courtesy Purdue University

1. Man soaking unsterile cotton with iodine.
2. About to apply iodine to area near eye of fellow worker.
3. Iodine bottle not labeled poison.
4. Bottles of medicine such as iodine should be kept in dispensary and not in shop.



**S P O R T S**



**BOWLING**

The second round of the Stability Division Bowling League ended with the Tumblers on top. There was a three-way tie for last place. Highlights of the round: Red Neihouse's 401 set and Johnny Draper's 146 game.

Honors for high averages went to the following: Men-- Neihouse, 104.7; Jack Paulson, 103.7; Marvin Schuldenfrei, 103; Buster Seacord, 102. Women-- LaVerne Priddy, 86.7; Esther Draughn, 81; Mary Anne Campbell, 80.7; and Kitty White, 77.7.

Team	Section	Won	Lost	Pctg.
Tumblers	Spin Tunnel	14	4	.778
Wreckers	AWT	12	6	.667
Genius, Inc.	Free Flight	11	7	.661
Bamber's Bombers	Stability Tun.	8	10	.444
PH-F-F-Ts	Free Flight	6	12	.333
Soule's Stable Boys	Stability Tun.	6	12	.333
Spinners	Spin Tunnel	6	12	.333

\* \* \*

**BASKETBALL**

Teams in the Laboratory Basketball League showed improved form during the past week. The scores include:

**Monday**

PRT 35, Tank 25: PRT's sharpshooters overcame a Tank rally in the fourth quarter and emerged victorious with the able help of Boswinkle's 12 and Nichols' 10 points. Stewart and Vollrath were high for the losers with six points each. Team members praised George Wythe's Coach W. A. O'Harra, whose first rate officiating kept the contest from becoming a post season football tussle.

FRM 22, 16-foot Tunnel 20: After battling to an 18 to 18 deadlock, these two rivals played an exciting five-minute overtime period. The 16-foot team scored a field goal first to go ahead, but FRM countered with two goals to end up on top.

Structures 29, AFR 17: Both teams got off to a slow start, AFR leading 1 to 0 at the end of the first quarter. Toward the end of the second quarter, however, Structures began to click behind the outstanding performance of Ochiltree and displayed the best teamwork they have shown so far this season. (The game between Structures and 16-foot the week before, reported in the Bulletin as having been won by 16-foot, actually was won by Structures, 16 to 12.)

**Wednesday**

The 8-foot Tunnel team, paced by Hank Fedziuk, who scored 12 of his team's points, defeated IRL, 27 to 6. AFR topped Tank, 16 to 7, and Structures ran away from FRM, 19 to 7.

\* \* \*

**Lab Girls Lose To WACs**

A combined PRT and 16-foot Tunnel girls' team lost to the WACs on the Langley Field gym Tuesday night, 28 to 14. Timberlake, guard, and Wall and Carlberg, forwards, starred for the Lab girls. The PRT and 16-foot Tunnel teams will individually engage the WACs and the Nurses at the Base gym March 21.



# Life At The Laboratory

**MISCELLANY:** Rebecca Winchester, Editorial Office, left the Lab last Thursday to join her husband who is stationed in Pennsylvania....Hazel Storey and Louise Phillips, Tank, spent last week in New York on a shopping tour for the Tank. Their only reply when they were swamped by the Tank staff upon their return was, "No scotch". They confess that the only things that influenced them to leave the big city were the three recruiting pamphlets that they received from the Langley Laboratory....Alec "Fuzzy" Fulks, 19' Pressure Tunnel, has been taking quite a ribbing about his cue-ball haircut.

**USO:** The boys of "Club 55" feel that they are doing their part now that a new branch of the "USO" has been opened at 55 Cherokee Road.

**VACATIONING:** Robert Folz, Dynamic Model Shop, is spending two weeks at his home in Michigan...John Riebe, AWT, is spending a few days at his home in Lansford, Penn....Jerry Hilton, AWT, has returned from a week's stay in Miami....Mr. and Mrs. Scotty Bowlin spent the week-end at Mrs. Bowlin's home in Burlington, N. C....Polly Fowler, L Purchase, is vacationing in Durham, N. C....Libby Powell, L Purchase, spent last week-end at Eastern Shore, Va....Shirley Broitman, L Purchase, is in Boston with her husband who is on furlough....Muriel Zuckerman, Full Scale Tunnel, is back after a fling in New York.

**ILL WINDS:** Janie Burroughs, AWT, who has been recuperating from an operation in Miami, Florida, returned to work this week....Gino Santi, Tank, is back at the Lab after being out two months with a leg injury suffered during the football season....Buck Barber, Construction Purchase, is back at work after being ill for the past week....Dorothy Chandler, L Purchase, who went to the post hospital last Monday is reported as getting along nicely.

**WEDDING BELLS:** Rubye Womble, AWT, has left the Lab to settle down to married life. She will be married today, March 11, to E. I. Scott of Newport News....Christine Ailor, Computing, and Orien Culpepper, 8' High Speed Tunnel, staged an elopement last Friday night, March 3....Lowaita Rowland recently left the 19' Pressure Tunnel to be married to Lt. Harry Martin of Langley Field....Doris Turner, Full Scale Tunnel, who was recently married to Elmer Ellsworth, is back at work after honeymooning in Indiana....Vivian Bransford, Full Scale Tunnel, was married Friday, March 3, to Arthur Morsett.

**PARTYING:** A shower was given last Wednesday night, March 1, by the Dynamic Model Shop for Louise Hooker Slavens, who was recently married....Structures recently had a bowling party-picnic at Buckroe. About 65 attended and the afternoon was divided into a series of events. "Smoky" Kousz was high scorer in the bowling contest....Construction Purchase is on the road to better health now that the personnel have received a bushel of Florida oranges from Lewis Bass, formerly of Construction, and the Tank is planning a health-building campaign if they ever receive the bushel that Newton Mas claims he sent while vacationing in Florida.

**BRIDGE TOURNAMENT:** The 19' Pressure has formed a bridge tournament with 8 teams participating. Owen Deters and Ralph Avakian are leading with a total score of 8,510 and Jerry Teplitz and Helen Flanagan are bringing up the rear with a score of 2,330.

**MODEL BOATS:** All persons interested in forming a Model Speed Boat Club will meet at the Industrial USO located at 108 North King Street, Hampton, on Thursday night, March 16, at 7:30.

## DIVIDEND CREDITS BEING GIVEN NOW

All members of the LMAI Federal Credit Union wishing their dividends for last year entered on their book may send the book along with a note to Hugh Watson of the L Purchase Office, located in the Warehouse.

According to an announcement made by Arthur Samet, all persons wishing to join the credit union should contact the nearest collector and not the treasurer. Applications for loans are also obtained from the collectors and when properly filled out are returned to them to be submitted to the committee for approval.

The collectors and their locations are as follows:

Betty Harper, Flight Research; George MacDougall, Spin Tunnel; John Doyle, East Engineering Section; Richard Dingledein, Full-Scale Tunnel; Archy Fairfield, Instrument Service Section; George Hogge, Maintenance Section.

Elizabeth Saunders, Maintenance Office; Charles Folk, West Machine Shop; Mrs. Dorothy Chandler, Warehouse; Leonard Bartone, Structures; John Garvin, 19' Tunnel Building; Ann Mercer, West Sheetmetal Shop; Corrade Hobbs, 19' Tunnel Building; Mrs. Bernice Gay, East Machine Shop.

\* \* \*

### NO EXTENSION AUTHORIZED FOR FILING TAX RETURNS

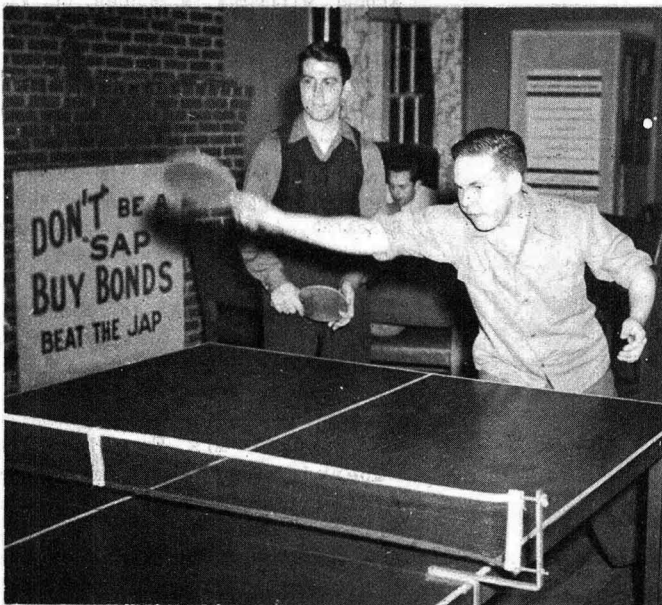
Gerard Zimmerman issued a word of caution to employees the past week, emphasizing that despite rumors in some quarters, there has been no extension granted on the March 15 deadline for filing income tax returns.

He pointed out, however, that the declaration of estimated income for 1944, originally due by March 15, may be filed as late as April 15.

\* \* \*

**MISSING:** 75-foot heavy duty extension cord from Gust Tunnel; urgently needed and should be returned immediately.

# NACA WORKERS ENJOY FACILITIES OF INDUSTRIAL USO IN HAMPTON



# LIBRARY NEWS RED CROSS

The following books are reported lost by the Apprentice School Library:

510-B75. Mathematics. By J.W. Breneman. Accession no. 1945.

620.1-L35. Practical Mechanics and Strength of Materials. By C.W. Leigh. Accession No. 1942.

620.11-T48, 1940, Pt.1. Strength of Materials. By S. Timoshenko. Accession no. 1978.

621.30761-K95;1941. Mathematics for Electricians. By Martin H. Kuehn. Accession no. 1960.

629.134-N75. The Aviation Mechanic. By C. Norcross, and J.D. Quinn. Accession no. 1980.

Upon the location of any of these items, please notify the Library, Phone 317.

**LOST:** A double strand of pearls. If found please return to Annie Mae, Payroll Office.

(From page 1)

hart, Harry Lyons, Mrs. Mildred Owens, Alice Whitley, Walter Bartlett, Helen Ellett.

West Area--Evelyn Wallace, Marie Allen, Ruth Smith, Lucille Bergbom, Caroline Stanley, Alma Pharr, Thelma Savage, Mrs. C. T. Brown, Edith Murphy, Virginia Rapchick, Rachael Withers, Ida Bassette, Eugeniz Baptist, Marjorie Davis, Shirley Stubbs, Jacqueline Martin, Catherine Pollard, Ruth Dickson, Lilli Belle Evans, Evelyn McCuiston, Mable Huffman, Ann Blanks.

### BONDS BUY BOMBERS

**NEW NUMBER:** Leave Office for 19 Foot Pressure Tunnel Area, located in Computers Office, telephone 305.

# CITES LITTLEWOOD'S NACA APPOINTMENT

From 'Aviation News'

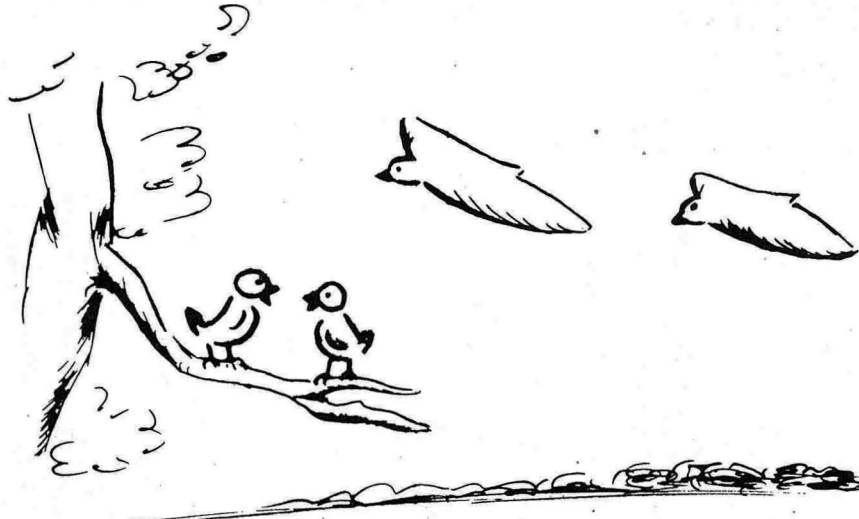
Elevation by President Roosevelt of William Littlewood, American Airlines' vice-president in charge of engineering, to membership on the National Advisory Committee for Aeronautics, is deserving recognition for one of the most capable airline executives.

The selection from one of the commercial airlines to the most distinguished aeronautical research group in America is even more a recognition of the role U. S. airlines have played and are expected to perform in the further technical development of aviation.

Mr. Littlewood joins a group of well known and highly respected. Dr. Jerome Hunsaker of Massachusetts Institute of Technology is NACA's chairman. Dr. Lyman Briggs of the Bureau of Standards is vice-chairman. Other members are Dr. Charles G. Abbot, Gen. Arnold, William A. M. Burden, Dr. Vannevar Bush, Dr. William F. Durand, Gen. Echols, Admiral Pace, Admiral McCain, Dr. Francis Reichelderfer of the Weather Bureau, Dr. Edward Warner, Dr. Orville Wright, and Dr. T. P. Wright. Dr. George W. Lewis is the internationally known director of Aeronautical Research, John F. Victory and Edward Chamberlin are secretary and assistant secretary.

The group has an unprecedented task, now and in the future. But there is every reason for confidence in its ability to do it well.

**100 PERCENT:** Mrs. Emma McSmith, supervisor of charwomen, reported that her group--30 in all--subscribed 100 percent to the Red Cross War Fund Drive.



It's living around the N.A.C.A. that's done it.  
This year all the eggs hatched into flying wings.

## NACA BOND RECORDING DURING JANUARY

	Washington	Langley	Ames	Cleveland	Total
Number of employees	132	2370	510	1570	4582
Number participating	125	2268	485	1400	4278
Percentage participating	94.7	95.7	95	89.17	93.37
Monthly pay roll	\$28,382	\$478,825	\$120,639	\$366,204	\$994,052
Amount subscribed	\$3,663	\$63,663	\$12,868	\$36,749	\$116,944
Percentage subscribed	12.9	13.3	11	10.04	11.76
Average subscription	\$29.31	\$28.07	\$26.51	\$26.25	\$27.34