



❖ Merry Christmas ❖
1943

"...In The Hearts Of Many... A Great Hope Lives....."



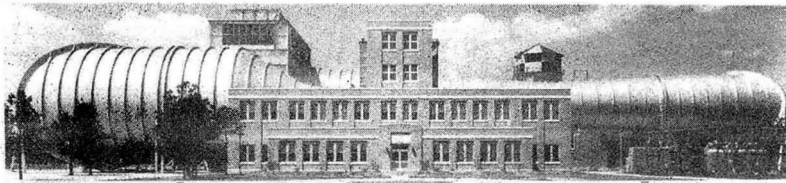
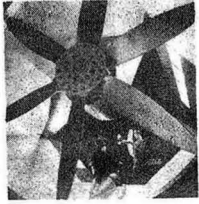
Though our Christmas will again be overshadowed this year, it will still be merry in a deeper and less materialistic way. Now, throughout the whole world, in the hearts of many, many millions, a great hope lives. For fulfilment they look to us. Our boys are in every part of the world where fighting is taking place. The casualties will be reduced by the help which we are able to contribute through the results of our research work and personal sacrifices. Every LMAI employee should feel the satisfaction of giving direct and necessary support to our fighting forces,

and should continue to do his utmost. Nothing else is of much moment until victory is achieved.

At this season I wish to express my sincere appreciation for the interest and cooperation you have shown in the tasks you have been assigned, and to extend to each one a "Merry, Merry Christmas" and a wish that the next New Year may see the victory won.

A. Heleid

LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

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Vol. 2

HOLIDAY SPIRIT

PREVAILS AT USO

The holiday spirit will prevail at the Industrial USO Center in Hampton during the Yuletide season. Frank Long, Director, suggests that members of the LMAL staff, especially those who are away from home, make the USO their headquarters during the Christmas and New Year season.

A Christmas party is planned for Christmas Eve. Each person will be asked to bring a present, worth about ten cents, which will be exchanged among those attending.

Christmas day there will be an open house.

A bridge party will be held Dec. 27. Another movie, "How's About It", featuring the Andrews Sisters and Robert Paige, will be shown Dec. 30.

A New Year's Eve dance will be sponsored on Dec. 31 and another open house will be held on New Year's day.

Train Wreck In North Carolina Described By LMAL Employee

The Atlantic Coastline train sped through North Carolina from the south, its human cargo overflowing into the aisles. One of the passengers was Oscar Seidman of LMAL. He was in the third coach and sat next to the aisle about six seats from the rear.

It was early on the morning of Dec. 16 and Oscar was trying to sleep. As he dozed, thoughts of an accident kept running strangely through his mind. Twice during the day, since the train had chugged out of Miami on its northward run, Oscar recalls feeling the sudden application of brakes and wondering vaguely if the train were about to strike something.

"This Is It"

Now as he felt the brakes being applied again the same thought scattered through his mind. When he realized that his coach was off the track and bumping unevenly over the ties, he thought, "this is it". Suddenly the roof of the front end caved in and folded up. Windows shattered. Luggage from overhead showered down on the passengers, who were sprawled helplessly throughout the coach. The lights blinked out.

Out of the darkness a woman screamed the name of her husband. Two seats behind Oscar a man moaned. In the blackness Oscar felt for his flashlight, discovered it wouldn't

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Proclaims Jan. 1 National Prayer Day

President Roosevelt has proclaimed Jan. 1 as National Prayer Day. The text of his proclamation follows:

"At the end of the year 1943, which has not only made manifest the devotion and courage of our nation's sons, but has also crowned their efforts with brilliant success on every battlefield, it is fitting that we set aside a day of prayer to give thanks to the Almighty God for his constant providence over us in every hour of national peace and national peril.

"At the beginning of the new year 1944, which now lies before us, it is fitting that we pray to be preserved from false pride of accomplishment and from wilful neglect of the last measure of public and private sacrifice necessary to attain final victory and peace. May we humbly seek strength and guidance for the problems of widening warfare and for the responsibilities of increasing victory. May we find in the infinite mercy of the God of our Fathers some measure of comfort for the personal anxieties of separation and anguish of bereavement."

Give War Bonds-



A Present

With A Future



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.

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Let Us Be Thankful

As we prepare to celebrate Christmas and to bid farewell to another year, one which has brought home to us with dramatic fury the deadly seriousness of a world war, let us take to heart the message of President Roosevelt in which he proclaims Jan. 1 as National Prayer Day.

All over the war-torn world the pace of man's daily life has been accelerated. Many of the niceties, the small privileges that had made living so delightfully pleasant have disappeared. Men and women are dying. Families have become separated.

But we in America have been fortunate. So it is only fitting that as we begin a New Year we pause to offer reverent thanks for what we have enjoyed and utter a prayer for the hastening of the day when we may once again have peace on earth, goodwill to all men.

TRAIN WRECK (From page 3)

work. Someone struck a match and held it near the man who was crying. His face was spattered with blood.

Crawls Through Window

Some one picked broken glass from the border of a window. Oscar and a soldier crawled out, then assisted others to emerge from the tangled wreckage. It was a cold, clear night. A blanket of snow covered the deserted countryside.

A stranger handed Oscar a baby boy to hold while his mother searched in the wreckage for the youngster's shoes. Every time Oscar tried to turn the boy over to someone else, so he could help care for the injured, the lad would cry and cling to Oscar's neck. Presently the mother came and took the child.

By this time Oscar had discovered that his train had plowed into the wreckage of three cars which had been derailed on a southbound track 30 minutes before. He didn't discover until later, however, that his coach had been swung completely around during the accident and had sheared off the top of the coach behind. Another coach had jammed crossways through one end of his coach. Oscar estimated that 15 persons in his coach were killed.

Give Aid To Injured

The wreck occurred in a gully between two high snow-covered embankments. The survivors made a path from the roadbed to the top of an embankment by spreading pullman mattresses and ladders on the snow. It was up this path that Oscar and others helped carry the dead and injured to waiting ambulances.

Oscar helped in rescue work from 1:15 a.m., when the accident happened, to 8:30, at which time he left the scene.

CLEVELAND CLIPPINGS

BLOOD DONORS: AERLites came through with 160 pints of blood on the recent visit of the Red Cross mobile unit. Ray Labadie reached the gallon mark in donations.

CHRISTMAS PARTY: The NicNaca's are having a gala Christmas blowout in the form of a real old fashioned party at the Lake Shore Hotel on Christmas night.

PATTY BERGS (?): Golf instruction for women employees was started Dec. 7. Charles Sullivan is doing the pro honors.

LOBBY LINES: Eastman Jacobs, T. A. Harris, and M. B. Seyfert visited from LMAL... "Daddy" Gay, his wife and daughter, spent Thanksgiving with the Pampton Fosters.... Dana Lee, Harvey Cook, and Dr. M. C. Shaw are all trying to outdo the other by displaying photos of their young hopefuls on their desks.

BASKETBALL: AERL has two teams competing in two Cleveland leagues.

HUNTING: Reports from AERL huntsmen indicate that the season on pheasants was unusually good this year.

LIBRARY NEWS

The following new books in the Library are available for charging out for a four-day loan period. These books must be called for and returned personally by staff members.

Zenith Radio Corp. Trail Blazers to Radionics and Reference Guide to Ultra High Frequencies.

New Jersey Zinc Co. Die Casting for Engineers.

Fink, D. G. Principles of Television Engineering.

Jacobs, D. F. Fundamentals of Optical Engineering.

Seitz, F. The Physics of Metals.

Barrett, Charles S. Structure of Metals.

Frenkel, J. Wave Mechanics, Advanced General Theory. Vol. II. 1934.

CAN YOU SPOT HIM?

Check the story below before looking at the answer on page six.

VITAL STATISTICS: This mustachioed engineer is a Clevelander by birth and will be 58 years young on April 27. He is married and the head of "a balanced organization", as he puts it. There are two boys and two girls in the family.

ENGINEERING BACKGROUND: At the age of five, he proudly announced that he was going to be a shipbuilder. During his early youth, he read about experiments being conducted at Cornell under Dr. Durand. These experiments were the towing of model snips in a tank. He was definitely interested, and upon graduation, he applied for the course in Naval Architecture at Cornell, only to be informed that the course had just been removed from the curriculum. He then decided on M.I.T. and spent one year there. He transferred to the University of Michigan where he received his B.S. in 1909. His early working experience following graduation took him to the Newport News Shipyard and back to the Great Lakes region where he worked on the design of the "See and Tee" which later became our first fresh water airplane carrier, the "Wolverine". He also went to Panama to do some work on the canal.

ENTER AERONAUTICS: War was eminent, so he applied for officer's training but that

was as far as he got. He was called to Washington to serve as chief engineer of the Joint Army and Navy Airship Board, of which Admiral Taylor was chairman and Dr. Hunsaker was Secretary. In 1921, he was made Assistant for Lighter-than-Air for the Navy Bureau of Aeronautics. While with this outfit, he had a hand in the design of the Shenandoah, Akron, and Macon. It was he who introduced the idea of housing airplanes inside the airships.

WITH THE COMMITTEE: He came to work for the NACA in 1926 in the Washington Office, and stayed there for three years. He then came to this Laboratory to head one of the research divisions. He has done quite a bit of travelling; in 1938, he went abroad to present a paper on the phase of work that he was heading here at the Laboratory.

SIDELIGHTS: His greatest envy used to be the chin foliage of Eastman Jacobs and his current mustache, now one month old, is his attempt at rivalry.... He can trace his ancestry back to the Mayflower.... For 31 years he has been a member of the A.S.C.E. and is also listed on the rolls of the Cosmos Club. Doctors Durand, Zahm, and Lewis are fellow members.... He is now wearing his usual winter addition to his wardrobe--spats. This is no attempt at sartorial splendor but merely a successful way to keep one's

ankles warm.... He is still waging a fight, though not singlehandedly, to get the average engineer to realize "the great antiquity of the accomplishments of his professional ancestry."

ONE FROM MANY: One of the many experiences of a well lived life is the summer that he spent traveling with a carnival. It seems that his cousin had put some money in the show and sent him along to protect his investment. His job was to look after the money, both incoming and outgoing. One of his roustabouts, and a darn good one despite the fact that he could neither hear nor talk, came in one day and wrote a note saying that he hadn't had a cigarette in several days and requesting an advance on his salary for the purpose. He got back a note saying that there was no money to advance anyone, but he got a small personal donation. A few years later, our friend saw him in Oberlin, Ohio, loading freight. He stopped and the fellow recognized him and came up and shook his hand most vigorously, the look of lifelong friendship in his eyes. Our friend could not understand the curious stares that the crowd of bystanders were giving him. His mother, who was with him, explained that the man had served two terms in the pen for attacks with a knife, and was regarded as one of the most dangerous criminals in town.

NACA BOND RECORD DURING NOVEMBER

	Washington	Langley	Ames	Cleveland	Total
On Pay Roll	128	2,284	515	1,467	4,394
Number Participating	126	2,224	487	1,341	4,178
Percent Participating	98.5	97.58	94.5	91.42	95.08
Monthly Pay Roll	\$28,088.15	\$449,551.36	\$113,178.13	\$331,166.84	\$921,984.48
Amount Subscribed	\$3,664.42	\$61,570.89	\$12,492.25	\$34,856.63	\$112,584.19
Percent Subscribed	13.05	13.70	11.0	10.53	12.21

LMAL WAGES SAFETY "WAR"

Powerful Safety Forces In West Area Seek Enemy

Wherever He Is As West Model Shop Mops Up

At The West Area Frontier - Dec. 23 - (LMAL) - Powerful forces deployed over the expanse of the West Area this month, seeking the enemy and consolidating positions.

First Sergeant *Charles J. Yates* reported a minor outbreak at Caseinglue, which was quickly quelled with no losses suffered by our troops. Striking at the enemy, reinforcements were brought up and our position was fortified with gloves, arm covers, and protective skin creams.

Private *Annie Lee Cruise* was reported injured during a skirmish at Gluepress. A booby trap, in the form of a heavy iron bar which the enemy cleverly caused to drop on the unsuspecting soldier's foot, caught Private *Cruise*, with the result that she was hospitalized for two weeks.

Significantly, Jointer, the enemy stronghold near Planer, apparently has been temporarily neutralized by installation of a new improved guard, for no major action has stemmed from there. The enemy has the advantage here of terrifying noisemakers, high-speed weapons, and concentrated dust throwers. The booby trap, however, continues to offer the greatest single hazard.

Engaging in some close fighting with the enemy in a flank movement, Private First Class *Elizabeth Aldrich* was wounded in the hand-to-hand fighting with the enemy lumber division; a splinter put her out of action for two days.

Our troops in this sector are composed mostly of WOWS (Women on Warwork) and under the leadership of Staff Sergeant *Caroline Stanley* and Corporal *Nellie Owens*, have chalked up amazing successes on all fronts by continuous attention to all potential hazards and careful instruction of our troops, according to Second Lieutenant *William J. Lawton*.

Widespread and active patrolling, led by Staff Sergeant *Annie Mercer* and Sergeant *Stella Habura*, continued along the West Sheetmetal front. Near the west boundary of this sector, one of our units intercepted an enemy patrol made up of electric hand drills, inflicting heavy casualties upon it at a cost of one soldier wounded, Pri-

vate *Edith M. McCook*, who was cut in the hand by a broken drill. She was sent to the rear for three days.

November was a quiet month on the West Machine Shop front. Bad weather was encountered in the east portion and under this cover the enemy attempted a bombardment of hot cutting oil and metal chips, which was promptly halted by an effective fire laid down by Second Lieutenant *Robert F. Goodness* and Sergeant *Lelia Llanesa*, who distributed an adequate supply of goggles.

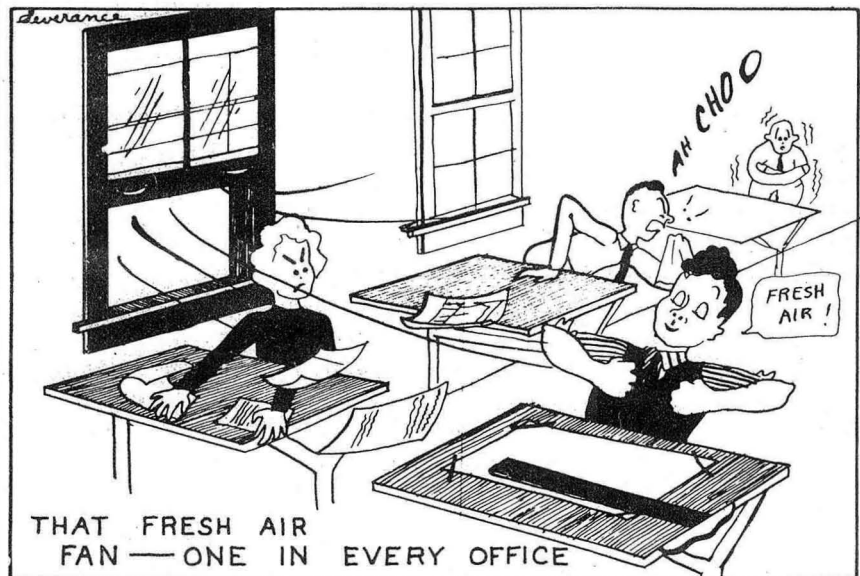
Lieutenant *John A. Bergbom* received a special citation for his effective work in setting up a supply depot for safety equipment in the West Area.

SPOTTED....

Spotted for the week is the skipper of the LMAL Tank, *Starr Truscott*, the Chief of Hydrodynamics, to whom his staff refers, in best Naval tradition, as "the old man".

LOST: One blue Eversharp fountain pen with owner's name engraved in gold. Reward if returned to Bill Cowling, Construction Drafting Room, Phone 296.

★ BUY U.S. WAR BONDS



Safety Aces

A
BOARDS WITH NAILS
STICKING UP MUST NOT
BE LEFT LYING AROUND.

WHEN YOU SEE
SUCH BOARDS, STOP
AND BEND THE NAILS
OVER, PULL THE NAILS
OR PUT THE BOARDS
WHERE THEY CAN DO NO
HARM.

NO. 3

A

CHRISTMAS LIFE AT THE LABORATORY

AT THE RECEPTIONIST'S DESK: Recent visitors were Lieut. Col. George L. Webber, Pdq. ASF, U.S. Army; Lieut. Lyle Garlock, USNR, Executive Office, Secretary of the Navy Dept.; and James Kelly, Jr. of the Washington Office....J. W. Ebert, Tank, is back after six months in San Diego on Laboratory business. Peggy Darnley, formerly of the Files, was a recent visitor at the Laboratory. Her home now is Kingsport, Tenn.



POST SEASON: A new form of winter sports has taken hold of the lads and lassies from the 16' Tunnel. During the recent snow flurries, a battle ensued between the male and female elements. Snowballs were the methode de combat and the only casualty was Nancy Wall who caught one on the tip of her nose.

MAIL BAG: We pass on to you this message which came in through the mail last week: "To all my friends at NACA: Wishing all of you a sincere Merry Christmas and all success in the New Year." Private "Benny" Miller, USAF. Benny is almost through basic training at Greensboro and says that he ran into Frank Kay, formerly of the East Machine Shop, a short time ago at the center.

PARTYITES: The computers at AWT had their Christmas party last Saturday. Oleta Church, Rubye Womble, and Hazel Redding had charge of refreshments and the group presented Janie Burroughs with a Christmas gift....The FST computers entertained Frances Winder with a luncheon Wednesday and presented her with a going away gift....The 16' computers had a Christmas party at the home of Julia Godwin last Sunday....The Curtis Wright Corporation entertained the staff of the 16' Tunnel, Saturday, Dec. 11, at the Hi-Pat. After the party, the boys at Yingorf Manor had open house....The "backbone of the hangar", the girls of FRM had their little holiday celebration last Wednesday.

RECONDITIONED: New innovations at the Stability Tunnel include acoustic tile on the ceiling of the offices so Tommy Hollingsworth's train of thought won't be broken by computing machines and tunnel noises, and asphalt tile on the floor so Jay Bird can practice his rhumba without disturbing the whole staff.

PROUD PAPAS: J. Albert Roy, Structures, has been passing out cigars following the birth of a son, Robert Arthur. Everybody in the lab, especially George Zender, has decided to stick to cigarettes and pipes....Joe Vensel, former test pilot here and now head of Flight Research at AERL, is taking congratulations on his new daughter, Joan.

CONDOLENCES: Our sincere sympathy goes to C. H. Dearborn on the recent death of his mother.

WEDDING BELLES: Martha Willis, Apprentice Administration, is becoming Mrs. John R. Tamm on Saturday. The lucky fellow is a lieutenant at Fort Green, R. I.

ILL WINDS: J. Norwood Evans, dean of the Laboratory's duck hunters, is temporarily receiving callers at his residence, 6 Chichester Road, in East Hampton. Get well, Norwood, the office ain't the same!....Joe Walker is back at Full Scale after an illness of two weeks.

BYE-BYE, NANCY: Nance Underwood, head of the payroll girls said farewell to Laboratory life last Saturday. She received a going away gift of silver from the folks in the Fiscal Office.

BEST WISHES: Pere's wishing for a speedy recovery to Tom Northen, ICL, from a recent illness.

