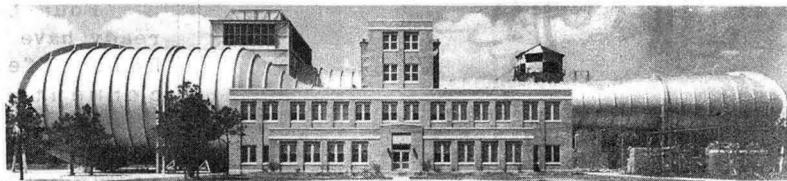
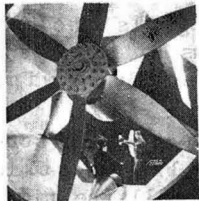


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 33, Vol. 2

Langley Field, Virginia, December 4-10, 1943

Page 1

"SHARE-THE-RIDE" SERVICE OFFERED DURING HOLIDAYS

In order to comply with the presidential request that travel by public transportation be curtailed during the Christmas holidays, the Bulletin is inaugurating a "share-the-ride" service in an effort to fill all private automobiles which will be used for trips during the period.

Anyone who is planning on driving anywhere, and who has empty seats in his car, is asked to list his name, destination, departure, and return dates, and the number of vacancies. This may be done by sending a note to the Bulletin office through circulation or by calling 376.

It is hoped that this will provide rides home for some persons who would not otherwise be able to make the trip, due to the already overburdened public transportation. It will also help to cut down on the expenses of everyone traveling.

DEUEL TALKS ON DEC. 8

Wallace R. Deuel, foreign correspondent, will open the lecture series of the Peninsula Institute of Public Affairs with a discussion of "The World Counter-Revolution" at 8:15 p.m. Dec. 8 at the Newport News High School auditorium.

Mr. Deuel has served on the staff of the Chicago Daily News since 1929. He was Rome correspondent, from 1932 to 1934, and Berlin correspondent from 1934 to 1940. He wrote eye-witness accounts of the Nazi sweep through Holland, Belgium, Northern France, and Poland. He was an instructor from 1926 to 1929 at the University of Beirut, teaching political science and international law.

Three other lectures by well known persons will be sponsored by the Institute. Season tickets at \$1.10 are still available from William A. Aery (368), Selective Service, Technical Service Building. Single admissions are 55 cents.

JAN. 10 DATE OF APPRENTICE TERM OPENING

The Apprentice Administration has announced that the opening of the next term of Apprentice School has been postponed from Jan. 3 to Jan. 10. This has been necessary because it is impossible to register people from the 51st Sub-Depot and Hampton during Christmas week.

Plans are in effect to offer the same courses as before including four classes in shop mathematics, two in blueprint reading, and one each in mechanical drawing, radio, physics, metallurgy, machine design, use of handbooks, simple aerodynamics, woodworking, and sheetmetal layout.

Exempting examinations will be given Jan. 3 and 5 at the Hampton High School at 7 p.m. The purpose is to allow apprentices to receive credit for courses previously taken and to make proper assignments to classes.

OFFICIALS EMPHASIZE IMPORTANCE OF KNOWING LEAVE REGULATIONS

All employees are urged to study the following regulations before applying for annual leave during the period of Dec. 17 through Jan. 10.

No leave will be granted if travel by common carrier is involved, except in cases of extreme emergency.

Leave in excess of one calendar week and for New Year's Day must have the prior approval of the Engineer-in-Charge.

Each request for leave which extends the year's total beyond twenty days must be accompanied by a written statement ex-

plaining the urgency of the need. This statement must have the approval of the section head and division chief and must be in the Personnel Office, with the leave card, prior to the taking of such leave.

In all cases involving absence without permission, the employee must report to the Personnel Office with a written explanation of the absence, before reentering on duty. This explanation must have the recommendation of one's section head and the approval of the Personnel Officer, both of which must be obtained before the statement is presented.



The LMAI 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 LMAI employees. Contributions of news and art should be sent to the Editor, in the Administration Building. Telephone: 376

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"Too Little... Too Late"

A telephone call to the manager's office at Ann Wythe Hall early this week revealed that only 14 NACA girls had moved in. This number seemed unreasonable in consideration of the many inquiries that had been received about the hall before it was opened.

The laxity on the part of staff members to take advantage of the first class facilities being offered at the dormitory brings to mind the occasion of the building of Cavalier Court. This project was started late last winter and an arrangement was made with the contractor whereby all the houses would be reserved for NACA employees. The employees however, were slow in renting the houses when they were finished and finally the contractor was forced to turn the project over to a real estate firm who accepted all applications on an equal basis. All of the houses were filled with Laboratory employees in a minority. Then the calls began to come in.

In the first month following complete occupation of the project, there were enough inquiries made to have filled that part which had been rented to workers from other places.

It looks as though the same thing will happen in this case.

The dormitory was built especially for women workers from the NACA and other agencies on Langley Field. Unless those girls fill it, it will be turned open to workers from other places.

MAIL YOUR

IMPORTANCE OF LEAVE REGULATIONS

CHRISTMAS

PACKAGES

EARLY



CHRISTMAS

IT'S UNANIMOUS

Four LMAI girls who already have rooms at Ann Wythe Hall offer the following comments:

Josephine Hughes, Personnel... "What I like best is having hot water all the time, also having access to an iron and ironing board. The rooms are cleaned every day by maids and the linen is changed at proper intervals. It's the most satisfactory place I've lived in since being here."

Winifred Diller, Reproduction... "I like it very much. The buildings are very comfortable and clean, with proper heating and lighting. I had never lived in a dormitory before and I thought I'd like to see what it was like; then, too, my previous room was too small. It's really ideal for a girl who does want a room."

Cassie Lee Jennings, 19' Turner... "It's really a very nice place... also we have some means of protection because a watchman stays there all of the time. The rulings aren't at all strict like some people think... The front desk closes at 11 o'clock but we may come in any time after that if we choose. The cafeteria hasn't been built yet but there are adequate restaurants within walking distance which are very nice."

Roxie Carswell, Photo Lab... "I'm crazy about it. It's the best thing I've had since I've been in Hampton. The housemothers are wonderful; they don't pry and nose."

We have the most wonderful ball sessions with the arrangements 'n' everything. I feel like I'm in college again but I have much better furniture than I had in college. I like it because it's so convenient and they have a post office in Wythe. The drug store makes it nice to be able to run out and buy shampoo or whatever else you need whenever you need it. Then too, you have the trolley right in front and the bus right in back."

REQUEST INCREASE IN CAR POOLING

A request has come in from Clyde Lumpkin, Chairman of the Laboratory Transportation Committee, urging all persons who have cars and are not driving them to work to put them in service and give fellow workers a lift.

Rides are needed on all shifts with the night shift having the most severe need. Mr. Lumpkin has pointed out that some cars are carrying as many as eight and nine persons other than the driver, when leaving the Field at night. The hardest spot to get to is Copeland Park.

The Transportation Office recently conducted a survey to determine the average number of passengers being carried by each car. The report showed that sedans are carrying an average of 4.6 passengers and coupes, of the single and club types, are carrying 3.7.

CLEVELAND CLIPPINGS

WEDDING BELLS: Ed Tuck is tying the knot with Vivian Cheek on Dec. 20. Ed's brother David, a Merchant Mariner from Hampton, is visiting.

LOBBY LINES: A group from the Aeronautical Chamber of Commerce toured the reservation recently...Upshur Joyner of LMAL..up on official business. ...the A. E. Biermanns entertaining Mr. and Mrs. Robert F. Flexington from Newport News.

FANTASTIC TRIPPING: Staff members celebrated the Thanksgiving season with a dance Nov. 20. The affair was sponsored by the NicNACA's.

LMAL TEACHERS: Approximately 350 AERLites have signed up for War Training courses. Among the most popular courses are Power Plant Installation, taught by Abe Silverstein; and Technical Report Writing, taught by Pearl I. Young.

"GREEN COW" NOMINATIONS REQUESTED

T. Melvin Butler, Chairman of the Noble Order of the Green Cow, has announced that a new executive committee for that organization will be elected during the next two weeks.

Four members will be elected, to serve for a one year term, and any member of the Laboratory staff is eligible for nomination. All nominations must be made on the form provided below for this purpose. Fill out the form, tear it off, and return it to the Bulletin office. The 12 persons who receive the largest number of nominating votes will be considered as official candidates. These will be voted on next week. A ballot will be provided in the Bulletin.

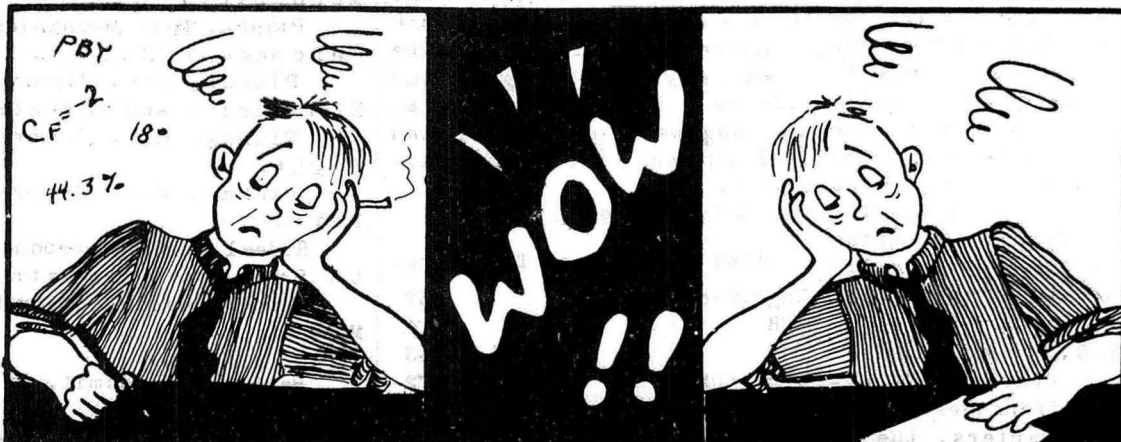
HEADLIGHT HINT

A helpful hint is hereby handed to all persons who still have the upper part of their automobile headlights painted in accordance with the former dimout regulations.

There is a Virginia state law which prohibits the obscurement of any part of the headlights of any motor ve-

hicle. This law was superceded by the federal dimout law, but has come back into effect since the dimout has been lifted. Violators are subject to a minimum fine of two dollars. This information was obtained from A. A. Anderson, Sheriff of Elizabeth City County.

SATURDAY AFTERNOON..WEEKEND.....AGAIN MONDAY



YOU CAN'T WIN

SEVERANCE

AFR THREATENS ENGINEERING TEAM'S LEAD

Engineering continued its stranglehold on first place in the Laboratory touch football league with AFR still one game behind. The games for Nov. 28 include:

Engineering 13; FRM 0: Three scoreless quarters passed with the only serious attempt to score being made by FRM when they were held on downs on the victors' three-yard-line late in the second quarter. Early in the fourth quarter, the Engineering passing attack began to click and successive passes from Sadler to Brown worked the ball to the nine yard line. Schumacher then passed to Blank in the end zone for the score. The attempted conversion failed. Another pass, Blank to Deis, came at the end of another series of runs and passes which had brought the victors the length of the field. Schumacher passed to Deis for the point.

line. In the third quarter, Cartobiano intercepted a PRT lateral pass and went 30 yards for the score. The try for the point failed. PRT led 7-6. Two other passes, Mastrocola to Cohen and Mastrocola to Vollo were good for scores in the final period. Mastrocola likewise dropkicked both extra points. The boys from the 16' tunnel put up a much better fight than the score indicates, but just seemed to lack the scoring punch.

8' H.S.T. 6; Tank 0: Desperately staving off repeated Tank offensives in the first three quarters, the 8' H.S.T. capitalized on its only sustained drive into Tank territory with a last quarter

touchdown pass from Axel Mattson to Hank Fedziuk. After playing in their own territory, the Eight-footers took the ball in mid-field and worked it to the Tank ten-yard line on a series of short passes from Mattson to Vincke. From there, they went on to score. The attempted conversion was blocked.

AFR 7; West Area Shops 6: After a scoreless first half, W.A.S. drew first blood in the third quarter on a 20 yard pass from Barritt to Kinzler who ran 15 yards for the score. Panz missed a dropkick attempt for the point. A few minutes later Donaldson scored for AFR on a pass from Daum. Donaldson then placekicked the winning extra point.

The league moves into the final two weeks of play with the championship still undetermined. The schedule for the next two weeks is as follows: Dec. 5: 8' H.S.T. vs 16' tunnel at Wilson, 11 a.m.; Tank vs West Shops at Hampton, 11 a.m.; Engineering Section vs PRT at Hampton, 1 p.m.; Structures vs AFR at Wilson, 1 p.m.; FRM, bye; Dec. 12; FRM vs 8' H.S.T. at Wilson, 1 p.m.

There will be a meeting of all team captains Friday, Dec. 10, to settle all disputes and to make post season plans. Captains will be notified as to the time and place.

Several teams have expressed desires to play some of the sections again. Those so desiring should consult the team they wish to play and then call Irwin Schumacher at the Engineering Section and find out what field is available.

Standings:

Team	Won	Lost	Tied	Pctg.
Engr.Sect.	6	1		.857
AFR	5	2		.714
PRT	4	2	1	.643
Structures	4	3		.572
FRM	3	3		.500
8' H.S.T.	2	3	1	.417
Tank	2	5		.286
16' Tunnel	2	5		.286
West Shops	0	4	2	.167

LIBRARY NEWS

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

Shoenberg, D. Superconductivity.

Southall, J.P.C. Mirrors, Prisms, and Lenses.

Synge, J. L. Geometrical Optics.

Thompson, M. deK. Theoretical and Applied Electrochemistry.

Thomson & Thomson. Conduction of Electricity through Gases.

Wood, A. B. Textbook of Sound.

James, Glenn, ed. Mathematics Dictionary.

Kron, Gabriel. The Application of Tensors to the Analysis of Rotating Electrical Machinery.

Daugherty, R. L. Hydraulic Turbines.

Powell, C. H. Graphical Treatment of Vibration and Aircraft Engine Dampers.

Flight Preparation Training Series. Aerology for Pilots. Air Navigation. Part 1. Introduction to Earth. Part 2. Introduction to Navigation. Part 3. Dead Reckoning and Line of Position. Part 5. Relative Movement.

Moulton, F. R. Differential Equations.

Planck, Max. General Mechanics.

Planck, Max. Mechanics of Deformable Bodies.

Planck, Max. Theory of Electricity and Magnetism.

Planck, Max. Theory of Light.

Planck, Max. Theory of Heat.

Rideal, E. K. Introduction to Surface Chemistry.

Shaw, Napier. Manual of Meteorology.

Bacher & Goudsmit. Atomic Energy States.

Brown & Marco. Introduction to Heat Transfer.

Clark, George L. Applied X-Rays.

CAN YOU SPOT HIM?

This week the Bulletin is starting a new feature. Try your hand at it by seeing how quickly you can identify the person referred to in the accompanying story, by means of the clues offered. Check your answer on page six, but give it a trial before you look.

VITAL STATISTICS: This bashful boy was born in Hampton 32 years ago and has been working at the Laboratory for the past 13 years. He recently celebrated his 21st wedding anniversary and his wife is also employed here. **EARLY LIFE:** He became interested in airplanes and built his first model at the age of five. He then had a burning desire to come to work for the NACA Civil Service regulations forbade the hiring of a five-year-old model maker so he pursued his hobby in his own way. During his high school days, he organized a model club, several of whose members are now employed here. His models were noted for their revolutionary designs (some of them actually flew) and his colorful paint jobs, which led many people to believe that he was colorblind. About this time, he also established a small printing business.

LABORATORY LIFE: He came to work here in 1930 for the Maintenance Section. He has since worked in the old Aerodynamics Division and is now employed in Technical Service. He has been occupying his present position for the past two years. Previously, he was the head of the Prop Shop and the Dynamic Model Shop.

PERTINENT PERSONALS: He designed his own home in the Boulevard section and likes it so well that he has difficulty in getting up to leave it in the morning. As a result, he and his spouse are awakened regularly by a telephone call from Margaret Young. According to his wife, his only fault is that he won't take a vacation. According to his office staff,

LIFE AT THE LABORATORY

MISCELLANY: Kaz Czarnecki, Full Scale, returned to his home Monday from Dixie Hospital. The large cloud of dust which hovered over the Wythe District Sunday was part of a new clean-up program at Club 55. The boys were beating rugs, scrubbing woodwork, and mowing lawns. Now they can rest for five more years. Reproduction welcomes Helen Septer of Phoebus to its department. Earlene Squires, Stenographic, suffered a fractured skull in a fall at her home last week. She is in the Dixie Hospital. David Goldenbaum, Tank, plans to leave soon for Daytona Beach, Fla. to regain his health. Harriet Tindal, Structures, is at home after spending two weeks in the hospital. Jerry Tepfritz has decided to live a quiet bachelor life since Hazel Philyaw's GI heartbeat. Lieut. Walter Stroud, is being transferred to Fort Monroe. Billy Warren, AWT, had her sister, Mrs. J. S. Hoar of Sumpter, S.C., as a week-end guest recently. Marilyn Lawlor, Payroll, celebrated her second wedding anniversary the past week.

LOVE'S IN BLOOM: Genova Hundley, Impact Basin, returned from her home in Floyd, Va., where something new was added to her third finger. The lucky fellow is Private James Early Conner, stationed here at Langley, whose home is also in Floyd. Cliff Link and his bride have returned to their home in Hampton after honeymooning in Allentown, Pa. David Ullmann, Photo Lab, is back at work after his marriage. Shirley Shaul, Information, and Walter Bartlett, PRT, are settling down after their wedding Nov. 27.

LET'S HAVE A PARTY: After the Virginia-Carolina game in Norfolk last Saturday, Janie Burroughs, head of AWT computers, entertained at a buffet supper at her home in Pamlico for Oleta Church, Marge Bullock, Sarah Whitley, Margaret Lamberth, Billy Warren, Julia Hoar, Lib Garner, and Becky Boykin. Margaret, Oleta and Marge enjoyed a night of dancing at the Palomar. The Administrative Office had a get-together last Saturday night in Buckroe. Hostesses were Ruth Perryman, Ruth Webb, and Betty Ludwig. Dancing in the attic was enjoyed by all. Impact Basin personnel entertained themselves at an enjoyable bowling party at Health Center in Newport News Nov. 24. Jack Westfall took honors with high score. Dick Braig, Maintenance, was the life of the Original Club party in Newport News Saturday night. He went dressed as Daisy Mae and everyone agreed he was the best looking "girl" there.

TOUGH LUCK: Margaret and Bob Swanson, Stability Analysis, both had accidents while horseback riding recently. Margaret, who returned to work last Monday after three weeks of illness, is back in the hospital with a leg broken in five places. A horse she was riding was in collision with a truck. Margaret will be at Buxton Hospital for the next five or six weeks. Friends say the doctors have done a beautiful engineering job on her injured leg. Bob suffered head injuries when he was thrown while mounting a horse recently, but is back at work now.

it's his persistence in smoking smelly cigars. He was one of the big factors in obtaining the old recreation center at Syms-Eaton school and the local War Workers' USO. He is "pappa" to all the modelmakers at the lab.

Keep Buying Bonds

EVEN 110 VOLTS MAY BE FATAL

O'Dair And Potvin Missing In Action

Two former Langley Laboratory employees, James Robert O'Dair and Arthur Potvin, are reported to be missing in action.

Potvin, a staff sergeant in the Air Corps, has been missing since a bomber raid over France on Armistice Day. He had previously been awarded the Distinguished Flying Cross and the Air Medal for his raid on Rumania's Ploesti oil fields. He left LMAL in August, 1942.

O'Dair, who entered the Air Corps on May 7, 1942, received a commission as second lieutenant. He was a bombardier and was reported as missing in the Aleutian Islands. He was an employee of the Dynamic Model Shop, having come here on Nov. 7, 1941. He was 20 years old and his original home address was 114 Van Deusen Street, Madison, Wisconsin.

Better Response To Toy Program Sought By Lewis

Leigh Lewis, who heads the committee in charge of collecting old toys for repair and distribution at Christmas, pointed out yesterday that collections have been very slow to date and urged that anyone who has any toys to donate do so as soon as possible.

A few toys have already been deposited at the East and West Area Cafeterias, but up to now, they have been rather slow in coming in. Mr. Lewis points out that it is necessary to have the toys now in order that they may be properly reconditioned by patrons of the Industrial USO

Bill Poythress, of the West Machine Shop, is assisting Lewis in the drive.

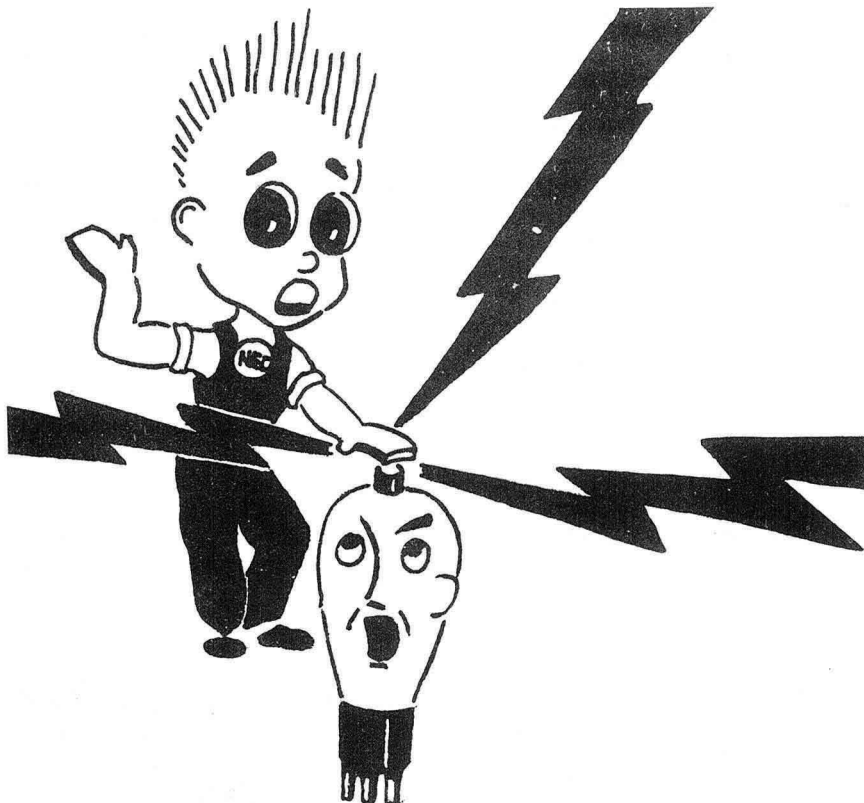
VACATION RHAPSODY

RETURN OF THE NATIVES: Alpha Gay, Full Scale, from home in Richmond; Helen C. Stevenson, Impact Basin, from Goldsboro, where she visited her brother, Captain Colton at Seymour Johnson Field; Christine Reynolds, Payroll, from New Jersey where she visited her brother in service; Mary Latshaw, Bonds, from home in Royersford, Pa.; Marie Ciulla, Bonds, from New York; Kay Wasson, Bonds, from Pennsylvania; Tiny and Margaret Hutton, from a tour of Carolina; Edith Justice, Administrative Office, from home in South Carolina; John Boshar, AID, from Massachusetts; Roxanna Yancey, AID, from South Carolina; Bill Chappo, AID, from Connecticut where he attended his sister's wedding; Bill Aiken, AID, from Washington; Evelyn Bowers, East Area Computing, from home in Sanford, N.C.; Gus Boughan, Structures, from home in Missouri; Gordon Fisher, Structures, from Baltimore; Jane Perry, from home in North Wilkesboro, N.C.; Doris Avery, Reproduction, from a week-end with her husband in New York.

THOSE STILL AWAY: Mary Frances McMichael, East Area Computing, at home in Charleston, S.C.; John McKee, AWT, at home in Princeton, N.C.

PHONE NUMBERS: Projection booth, next to auditorium in Administration Building, 207; and Construction Purchase stenographers changed from 309 to 261.

ELECTRICITY IS DANGEROUS!



EVEN 110 VOLTS MAY BE FATAL!

SPOTTED....

In case you didn't know, the fellow referred to in "Can You Spot Him" on page five is Charles A. "Tom" Hulcher, Apprentice Administrator. His new hangout is on the second floor of the Technical Service Building in the space vacated by the Reproduction Section.