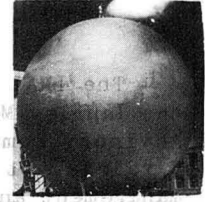
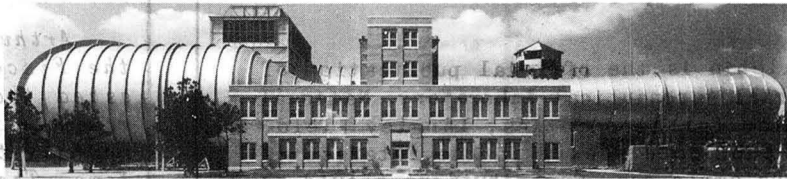
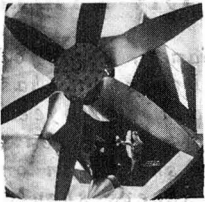


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 33, Vol. 3

Langley Field, Virginia, August 5-11, 1944

Page 1

JEAN ALLEN WINS MISS LMAL TITLE

The two months of waiting and hoping by the entire staff (16 girls in particular) was brought to an end last Friday night at 10:45 with the announcement of the winners of the Miss LMAL contest. The winner was Jean Allen, Files, and the three runners-up, in the order picked, were Nancy McCarthy, Circulation, Elizabeth Scott, Office of the Chief of Administration, and Ruth Angel, Bulletin.

Prior to the announcement, the contestants were presented to the crowd of 800 who attended the Green Cow dance at the Grand View pavilion. The girls were all dressed formally and were escorted onto the floor in typical "college dance" fashion. The contestants and their escorts were as follows: Viva Michels with Alvin Brittingham, Marijean Saunders with Ed Howe, Frances Leigh with Melvin Butler, Ruth Angel with Jack Paulson, Ruth Miller with Lieut. Clayton Young, Helen Hanks with Buck Barber, Elizabeth Scott with Paul Taylor, Dickie Creech with Bill Preston, Nancy McCarthy with Sam McDowell, Jean Allen with Bill Armstrong, Katie Banick with Dick Braig, Letitia Smith with Pvt. Donald Kammer, Mary Margaret Soper with Paul Cartabiano, Audrey Lange with Roy Lange, and Louise Neal

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A MESSAGE TO THE STAFF

I wish to take this opportunity to express my deep personal concern with the problems of safety and health affecting each Laboratory employee. The NACA has established safety and health rules and provided facilities designed to protect employees from the hazards associated with their work. To that end the safety rules and regulations should be strictly complied with and the facilities provided be fully used.

In examining our recent accident statistics, I have noted that our accident frequency rate has been decreasing. However, the frequency rate is still high enough to indicate to me that there remains considerable room for improvement in our accident record. The accident statistics mean more than numbers typed on a piece of paper; they represent pain to the individual employee, loss of time from the job, and permanent disabilities. You, as an employee or supervisor, must consider safety and health as an important element in your job for in no other way can we get our work done without accidents.

I would like to have your suggestions as to ways in which our safety practices, facilities, and equipment can be improved. If you have an idea that you think is good, put it in writing and send it to me through the Safety Engineer, whose office is located on the first floor of the Service Building. The Safety Engineer will immediately study the suggestion and report to me, each week, on all safety suggestion submitted.

SALES HIT NEW HIGH IN CAMPAIGN REPORT

Final returns on the Invasion Loan Drive at LMAL show a new all-time high in bond purchasing here with sales totalling \$271,618.89. The total figure exceeded the quota of \$219,106.39 by more than \$50,000.

Everything about the campaign broke all previous records. In addition to the new high in total sales, cash sales went over the \$109,670 high of the Third War Loan by reaching \$118,091.50. Payroll allotments for the month of July were \$80,690.06, also a new high. The total figure exceeded the quota of \$219,106.39 by more than \$50,000. Starr Truscott, chairman of the Laboratory drive, stated that he was "tickled to death" with the result, but that he was not surprised by the high figure. He said, "Long ago I ceased to become astonished at any outstanding accomplishment of the Labor-

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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

To The Purchasers

Much has been written and spoken about the accomplishments of the Laboratory in the Invasion War Loan Drive. The Laboratory as a whole, the campaign committee, and the solicitors have all come in for their share of the praise. Seemingly forgotten until now have been those upon whose shoulders rested the ultimate success or failure of the attempt, the individual purchasers. To those 1630 workers, whose cooperativeness, far-sightedness, and unity of purpose have made them true servants of the people, belongs the major portion of the glory. A few had to be sold; a few had to be persuaded; a few had to be convinced; but with the majority, the gesture was voluntary.

An Orchid To The Green Cow

The Green Cow committee, which was so freely passing out orchids to the winners of the Miss LMAL Contest last Friday, should have reserved one, at least a literal one, for themselves for promoting the best dance that many a Laboratory employee has had a chance to attend in many a moon.

The success of the dance was well attested to by the crowd, estimated between 800 and 1000, which voiced loud approval of the extra hour of dancing.

For the promotion of the dance, and the awarding of prizes to the winners, we offer to Bill Craig and his cohorts a well deserved, "Thanks".

Congratulations, AAL

The personnel at Ames Aeronautical Laboratory is the latest of the NACA family to join the newspaper world. First it was the LMAL Bulletin, then AERL's Wing Tips, and now, AAL has joined the staff of the Moffett News, the weekly publication of the Naval Air Station.

The AAL staff will use one page of the paper each issue. The first page carried a story on the B-29, which underwent tests at the California lab as well as our own. The News is a ten page, standard tabloid sized paper. Its other nine pages are devoted to news of the Naval installation.

The staff of the Bulletin is happy to welcome Editor Jerome L. Kushnick and his staff to the NACA publication family, and to extend to them, on behalf of LMAL, congratulations and best wishes for success.

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Let's get behind the fight, not behind in the fight. Buy more bonds.

REQUEST TIME SHEETS ON TIME

Arthur Samet, Chief of the Fiscal Division, has asked that all employees remember to get their semi-monthly time sheets in on time. These sheets should be in the Cost Office by 1 p.m. on the day following the end of the pay period which they cover.

Frequently, these sheets are utilized in the preparation of the payroll and can cause considerable delay by their not being in on time.

BLOOD TYPING TO CONTINUE

Beginning Monday, August 7, the program of typing the blood of employees will be carried on only in the dispensaries.

Since February 28, the Dispensary has been cooperating with the Dixie Hospital in typing the blood of 1,486 employees who have expressed willingness to donate blood in emergencies to fellow employees and their families. Since the typing was begun, Nurse Verna Sears has visited different activities to take the samples of blood. Now the service will be available only at the dispensaries on the following schedule: East Area Dispensary, Tuesdays from 9:30 until 10:30 a.m., West Area Dispensary, Wednesdays from 9:30 until 10:30 a.m.

Any employee who wishes to schedule an appointment at either dispensary is requested to telephone the Safety and Health Section at 302.

FOUND: A gold pin with the names Zennie and Roland on it. Owner may contact the Bulletin Office, 376.

FOR SALE: Still being offered is a set of golf clubs. Contact Harry Hamilton, Photo Lab, 259.



SPORTS



Girls' Softball

EAS MOVES INTO TIE FOR FIRST

In one of the tightest games played this season, East Area Shops shut out 19-Foot Pressure Tunnel 2-0. This win moved East Area Shops up into a first place tie with Structures.

Dale Burrows of EAS and Al Martina of 19-Foot, were both in excellent form, allowing only two and three hits respectively. Burrows struck out seven men and Martina 11 during the afternoon. Each pitcher walked four men. The winning runs were scored in the sixth inning as a result of a walk, a sacrifice, two miscues, and a single by Frank Vollrath, centerfielder. Clarence Brown, shortstop, solved Martina's slants for two hits.

On Tuesday, Jim Scriven and Ray Comenzo proved the big guns in AWT's rousing defeat of Low Turbulence, 11-0. Scriven performed well on the mound, allowing only three hits. Comenzo garnered a triple and two home runs during four trips to the plate and started two double plays from his shortstop position. Lou Stivers pitched for Low Turbulence. Bart Geer and Bob Nuber got the only hits for the losers; Geer got two and Nuber one. The win moved AWT to within one-half a game of second place.

The game between Structures and Full-Scale ended in a 8-8 deadlock last Friday when it was called at the end of the eighth inning, on account of darkness and the Green Cow dance.

Instrument Research dropped Stability to the cellar position in the league by defeating them 5-3. Howard Edwards, IRD, and McLaughlin, were the opposing hurlers. Edwards not only pitched good ball in setting down the opposing team on four hits, but also batted well. His triple and single gave him the batting honors for the day. Tony Schettler, first baseman for IRD, also collected two hits. McLaughlin gave up six hits.

Aircraft Loads caught Flight Research napping in the seventh inning of their game last Sunday, and pushed across nine runs, sufficient to enable them to win the ball game 14-13. FRD had been well out in front when the blitzkrieg began. Dwight Fearnow pitched for the victors while Bill Bradley started for FRD. Fred Daum relieved him in the seventh inning. ALD outhit FRD eleven to ten.

In a game played last week, PRT nosed out Engineering 5-3. Sam Vollo was the winning pitcher and Jim Dawson the loser.

Standings;

Pos.	Team	Won	Lost	Pct.	G.B.
1	Structures (8)	9	2	.818	-
2	East Area Shops (12)	9	2	.818	-
3	19' Pressure (14)	9	3	.750	1/2
4	AWT (6)	8	3	.727	1-1/2
5	PRT (10)	6	4	.600	2-1/2
6	Flight Research (13)	7	5	.583	2-1/2
7	Tank (5)	6	5	.545	3
8	Full-Scale (3)	5	5	.500	3-1/2
8	8' High Speed (4)	5	5	.500	3-1/2
10	Low Turbulence (7)	5	7	.417	4
11	Instrument Res. (9)	4	8	.333	5-1/2
12	Aircraft Loads (11)	2	9	.182	7
13	Engineering (1)	2	10	.166	7-1/2
14	Stability (2)	1	10	.091	8

The captains of the various girls' softball teams have been asked to submit candidates for berths on the All-Star team which will tangle with the WAC's of H.R.P.E. on Wednesday, August 9, 6:30 p.m., at Armstrong School. The WAC's have previously played and defeated an LMAL team and rumor has it that they are stiff competition, but the LMAL girls are getting in shape to give them a hard fight. One practice will be held Monday, August 7, 5:30 p.m., at Armstrong School. All-Stars are urged to be on hand at the practice and help put the LMAL team on top.

All games were rained out this week except the Structures-16 Foot game which was played on Tuesday. With the score tied 6-6 at the end of the fifth inning, Structures came through to score eight runs in the extra inning to defeat 16-foot 14-6. Sybil Bateman was credited with the win and Ferne Driver with the loss.

Team	Won	Lost	Pct.
ALD	7	1	.875
AWT	6	2	.750
Structures	6	2	.750
Personnel	4	4	.500
16'	3	5	.375
D.Mod.-Mach.S.	2	4	.333
PRT	2	6	.250
FGDA-8'-TDT	1	5	.167

MISS LMAL

Continued from page 1

with Bill Hudgins. Mary Lou Mackie, the sixteenth contestant, was unable to attend. Following the presentation of prizes, by Bill Craig on behalf of the Green Cow, the contestants and their escorts took part in a special waltz.

The winners were picked by Cecil B. de Mille of Paramount Pictures, who said in his letter, "It was a great pleasure to judge the beauty contest...The candidates are all fine examples of young American womanhood."

Life At The Laboratory

WEDDING BELLS: Bertha Tallman, PRT, and Bob Stewart, West Machine Shop, tied the final knot on Monday, July 24, at the new Lutheran Church on Kecoughtan Road....Cost Office bids Mary Margaret Soper farewell and best wishes. She is planning to be married this week to Lt. Gordon Tresch, Chatham Field, Georgia....Margaret Plumlee, East Computing Section, has left the Laboratory to be married to Charles Cagle of Knoxville, Tennessee....Mary Lou Duval, Stability Tunnel, and Dick Sawyer, Flight Research, were married Thursday, August 3, at St. John's Episcopal Church...The home of Mr. and Mrs. Charles Martin was the scene, July 25, of the marriage of Marie Campbell, Electrical Storage, and Eddie Hagedorn, Elec. 2/c USN.

HEIR MAIL: Elizabeth Carter, head of the Computing Section at 8-Foot, recently became the mother of a daughter, Helen Marshall....J. M. Watson, AWT, is the proud father of a daughter, Sharon Jean, born July 26....Michael Arne Conway made his first appearance July 31. His dad is Bob Conway of PRT.

WELCOME BACK: The Editorial Office welcomes Mary Lou Mackie back after recuperating from a recent appendectomy.

PARTIES: 19-Foot Pressure Tunnel had a very successful beach party at Virginia Beach, Sunday, July 30....In an effort to overcome the heat, 16-Foot Tunnel had a get together at Virginia Beach, Sunday July 30....Impact Basin had its first section meeting last Tuesday night. Melvin Hathaway gave a talk on "The History of the Impact Basin"....The supervisors in the Administrative Department made merry last Wednesday after work at the Oak Point Club.

ILL WINDS: Wilmer Scott, recently transferred from Fiscal to the Washington Office is recuperating from an operation at Mt. Alto Hospital in Washington.

ENGAGED: Kitty Ragland, Dynamic Shop, and Bob Stewart, East Model, are making plans for a fall wedding. The date has not been set.

TYPHOID SHOTS NOW AVAILABLE

Peninsula residents who have not yet been inoculated against typhoid fever and who wish to obtain immunization from the disease may still take the shots on Saturday mornings.

Residents of Elizabeth City County may use the clinic at the county court house on North King Street in Hampton at any time between 9 and 11 a.m. on Saturday. For Warwick County residents, a clinic is held at the health office in Hilton Village from 9 a.m. until 12 noon.

A total of three inoculations must be taken over a period of three weeks. The service is offered at the cost of ten cents for each shot.

Be a CAR-FULL driver.

USO NEWS

This week's program at the Hampton Industrial USO will open on Sunday, August 6, with open house. On Monday, August 7, the Athletic Club will meet at 7:30 p.m. and the bridge club at 8 p.m. The American Legion will have a sing-around-piano at 8 p.m. on Tuesday, August 8. The USO Mimes will meet at 8 p.m. on Wednesday, August 9, and the chess club will meet at 9 p.m. Thursday's calendar will be featured by a movie at 8:30 p.m. and prior to the movie the Calisthenics class will meet at 7 p.m. Both the Friday, August 11, and Saturday, August 12, calendars will be featured by open house.

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LOST: A pair of sun glasses in brown leather case. Glasses ground to my prescription. Finder contact Fred Chalfont, East Model Shop, 254.

BRAIN BUSTERS

Seven places in three events were won by the nine Brainbusters who attended the model meet in Baltimore last week-end. A high wind during the early afternoon prevented good flights, and consequently, times were rather low.

Morris Huff, who lost his rubber powered ship in the clouds, totaled ten minutes to take first place in that event. Dick Sladek placed third, and Jesse Shepard came in fourth.

The class C gas model contest was almost a clean sweep for the NACA contestants. Frank Parmenter flew his cyclone powered "Swoose" to first place. Second place was won by Walter Good of the Chevy Chase Balsa Beavers. Good, who hails from Michigan, was national radio control champion in 1938, 1939, and 1940. His entry was a tiger powered "Guff". Dick Sladek came in third with his tiger powered "Honeyboy", and Paul Marchal was fourth with his cyclone powered "Hot Rock", which also placed fourth in the beauty contest.

The Brainbusters who attended the meet were: George Gentry, Frank Parmenter, Bill Poythress and Morris Huff, West Machine Shop; Charles Folk, Instrument Service; Dick Sladek, Dynamic Model Shop; Paul Marchal, East Engineering; and Jesse Shepard and Walter Ihlefield, West Sheetmetal.

The Brainbusters contest, which will be held October 1, was announced at the meet, and contestants from Baltimore, Washington, and Chevy Chase declared that they would be on hand to give the Brainbusters a little competition.

WANTED TO BUY: A portable typewriter, preferably a late model. Call the Bulletin Office, 376.

FOR SALE: Standard typewriter, Royal #10, in good condition. Contact Bulletin Office, phone 376.

R. E. MIXSON, OLDEST EMPLOYEE, ROUNDS QUARTER-CENTURY MARK

Friday, August 11, is the quarter century mark in the service of the Laboratory's oldest employee in length of service Robert Earle Mixson. It was twenty-five years ago that "Mix", fresh from a two year stretch in the Navy, came with the Committee as an Airplane Motor Mechanic, and was assigned to the hangar as half of the line crew. The other half was Fred E. Hunsecker who is now with the Marines at Cherry Point, N. C.

R. E. Mixson first saw the light of day in Blackville, S. C. on November 16, 1895. Early in his life he began a work career that seems natural to every American youth. He seemed especially adapted to the mechanic's trade and finally wound up as a garage mechanic. In 1917, after eight years with the garage, he got the desire to join the colors, and on July 5 he signed up. "No", he points out, "it wasn't a fourth of July party. It was just that several of us went to Columbia to enlist on the fourth and the office was closed, so we hung around for another day."

Two Years With Navy

He was stationed at Norfolk and early in 1918 transferred to Naval aviation. He then advanced to Chief Machinist's Mate. At the time the Navy began to develop the fleet air, they sent a detachment to Langley Field and Mixson was sent along in charge of the motor overhaul shop. At this time, the Laboratory was struggling through its early days, and did not have all the equipment that was needed. E. P. Warner, the chief physicist, approached "Mix" and got permission to use some of the machine tools assigned to his detachment. It was through this connection that employment here was offered, pending his discharge from the Navy. The discharge came through on August 9 and on August 11 he entered on duty here.

There were about 20 employees here at that time, and most of them lived on the post. Some of the married men had family quarters the same as Army officers, and the single ones had rooms in the Administration Building. Mixson was assigned quarters in the room now occupied by the Classification Office. He soon found out that a young man had a hard time making the last street car from Hampton, and that taxi fare



Robert Earle Mixson

several times a week would more than pay for a room in town.

His first job was at the hangar, and he was later assigned to AWT when that tunnel was put into operation. He also assisted in setting up the VDT.

Writes Report With Crowley

Professor Everett P. Leslie, one of Dr. Durand's assistants at Stanford was spending a sabbatical year here doing flight research on a series of propellers. As Mixson puts it, "I was assigned to him as his man Friday". Following Leslie's departure, he was transferred to Flight Research where work was done supplementing Leslie's. Mixson and John W. Crowley, Jr. co-authored a

technical report on this work.

After this he went into instrument work and later took over Instrument Calibration. It was while he was in this spot that the Blueprint Room came his way. It had formerly been connected with the Drafting Room, but when that section moved, they had no vault in which to store the prints.

Starts Work In Reproduction

This was the beginning of his present section, Reproduction. Added to the Blueprint Room, he now has the Photo Lab, Photostat group, Illustrative group, and the Chemical and Metallurgical Lab. His subordinates reach into many fields. They include, in their number, chemists, metallurgists, artists, draftsmen, photographers, blueprint and photostat machine operators, clerks, photo-engravers, photo-lithographers, plate makers, and multilith operators.

In addition to his work along regular lines, "Mix" has had a hand in some of the "extra-curricular" activities at the Lab. Along with Hunsecker, he was in on the start of the Coffee Club, forerunner of our cafeteria, and with Carlton Kemper and George Dawson, he was prominent in the organization of the Noble Order of the Green Cow.

On June 23, 1923, Mixson married Mary Stuart Ford of Hampton. They have one daughter, Margaret, who will enter college this fall at Randolph-Macon.

FOUND: A pocket slide rule and case in the men's room in the Administration Building, July 28. Owner may have same by identifying at Bulletin Office.

SPECIAL NOTICE: Racquet restringing, tennis and badminton, expert workmanship, best quality gut. Contact Ed Kilgore or Milton Dubrov, East Engineering.

You can't spell victory with an absent "t".

PROPOSE PLANS FOR RECREATION CENTER

(An Editorial)
by Andrew J. Hayes

Are you interested in some form of recreation, something to do with yourself after working hours, something that you can really get a kick out of and enjoy? If your answer is "Yes", then the problem of getting exactly what you want is solved. The proposed LMAL Recreation Association is doing its best to arouse your interest to the point where you will want to help and aid the Association in its drive for adequate recreational facilities for all employees.

Many times in the past, the efforts of various individuals and groups have been directed toward the establishment of a recreational center here at LMAL. They failed however; it's an old story. They failed because they didn't have the organization; they weren't big enough to do the job right. As most of us realize, the Laboratory has greatly increased in size since the war, and with this growth in personnel, the need for some form of extensive recreational program has become very pressing. We now have enough personnel to establish such a program.

A few LMAL employees, realizing that the only reason that the other groups failed to establish a sound program was because they did not have all the employees in back of them, are now banding together under the LMAL Recreational Association with the intent of once and for all putting this program across for everyone.

Not content with merely sitting by and waiting for something to happen, this handful of employees are putting everything they have into awakening your interest in a program designed to be "just what the doctor ordered!" This recreation group has proposed a plan for a Laboratory recreational center. Their plans, which are still in preliminary stages, propose a modest building in the West Area, along with ample football and baseball fields. The proposed building could very easily accommodate sectional and divisional activities. The facilities will include lockers, showers, toilets for men and women, and a large main room suitable for dancing, screened in during the summer and glassed in during the winter. The grounds will be levelled and drained for baseball diamonds and foot-

ball fields to meet the growing demands of those particular activities. There will be room for archery and tennis courts also. All this we can have, providing we all pull together under the LMAL Recreation Association.

Representatives of the following organizations are trying to recruit any and all Laboratory employees, interested in their activities, to support the association: Green Cow, Brainbusters, Men's Softball, Women's Softball, Touch-football, Basketball, various drama groups, the Hampton Athletic Association, Golf club, and Tennis club. The representatives can't do it all however, and it's up to you and me to do all we can to see that the program is carried out for our mutual benefit. Those employees now functioning and holding office in the Association were only temporarily elected by interested employees. It is the purpose of the Association to assure and emphasize to all employees that it is their organization to do with as they see fit. To make the venture a wholehearted success, all of us must take some part in its varied program. Merely talking and wishful thinking

aren't enough. In order to attain its objective, the Association will provide democratically elected representation from every department, division, and section of the Laboratory. It is thus hoped that every employee will have an opportunity to take an active part in the program. Last Monday at the Association meeting, an election committee was appointed, with Pete Korycinski as chairman, to organize a plan of employee representation. Any employee who has any suggestions along the line of employee elected representatives is invited to contact the chairman.

The LMAL Recreation Association is pointing the way toward a goal of very earnestly needed recreational activity. The future is bright and it is hoped that every organization, every employee, will pledge their full support. Individually, we can accomplish little, together, 3000 strong, we can have the LMAL Recreation Center.

BOND DRIVE

Continued from page 1

atory employees. They can do anything they set their minds to. I am very happy to have been associated with this fine victory. I wish to express my heartfelt appreciation to everyone who has had a part in it, the campaign committee, the solicitors, the bond office, and most certainly to the purchasers. Without them we could have done nothing. It was their money, their will, and their success."

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FOR SALE: Lady's balloon tire bicycle and man's victory bike. Both in excellent condition. Contact Bert Deis, E. Machine, 383.

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WANTED TO BUY: 16 and 35 mm cameras, projectors, and sound equipment. Write B.G. Bennett, 340 La Salle Avenue.