



The logo features the acronym 'N.A.C.A.' in a shield-like shape with wings extending from the top. Below this, the word 'BULLETIN' is written in large, bold, black letters across a stylized banner that curves upwards at both ends.

Issue 20, Vol. 2

Langley Field, Virginia, September 4-10, 1943

Page 1

## Make Good Showing In Model Contests Conducted in N. Y.

LMAL employees gave a good account of themselves at the model championship contest sponsored last week in New York by the Long Island Sky Lancers.

In the Class B gas model event, Frank Parmenter, West Machine Shop, captured first place with three flights totaling seven and one-half minutes. Joe Dodson, Engineering, won second place with three flights totaling six and one-half minutes. Third and fourth were won respectively by Sal Taibi, East Machine Shop, and Tom Abel, West Machine.

Karl Birkel, West Machine, won second place in the tow-line glider contest and fourth in the Class A gas model contest. Charles Folk was third in the Class A gas model.

"Tex" Weber, formerly of Full Scale Tunnel and now em-

(See page 6)

## TAKING DORMITORY APPLICATIONS NOW

Applications from LMAL employees for rooms in the women's dormitories near Kecoughtan Court are being taken now by E. McKinley Hutton, Personnel Office. Applicants must apply in person, although information may be obtained from Mr. Hutton through telephone 386.

Tentative date for completion of the dormitories, which will house 326 women defense workers, is mid-October. Rates will be approximately from \$3.50 to \$5.50 per week per person. Applications will be placed on file and the applicant notified as to the date she may move in.

It was emphasized that where two girls desire a double room, both must make their applications in person.

CHURCHILL: "Let us not in the present be too concerned with the past, lest there be no future for any of us."

## SOFTBALL SEMI-FINALS BEGIN SEPT. 7

(By Si Diskin)

Play-offs in the NACA softball loop start Tuesday, Sept. 7, with Structures Research meeting 8-foot High Speed Tunnel. On Wednesday, Sept. 8, Full Scale Tunnel and West Sheetmetal Shop will tangle.

Semi-finals will be one-game affairs, while the finals will be extended to a best two-out-of-three series. Finals begin on Monday, Sept. 13 and will be conducted every other day until a decision is reached.

Game time is 6 p.m. and the scene of action will be Darling Memorial Park in Hampton.

The 8-foot Tunnel lost a golden opportunity to tie Full Scale for first place in the regular league play last week when it dropped a 12 to 3 decision to Propeller Research Tunnel. The winners scored eight runs in the first frame.

A complete resume of the season's games, together with a list of all prize winning teams, will be given in the next issue of the LMAL Bulletin.

## Formal Opening Of USO Slated Friday Sept. 17

Plans are being made for the formal opening of the Industrial USO Center at 108 North King Street in Hampton on Friday, Sept. 17.

One of the features will be a dance, which will take the place of one planned Sept. 11 for computers and engineers of LMAL. It was announced that the dance has been moved up to Sept. 17 to coincide with the USO opening.

Included on the program will be a reception, speeches by leading Peninsula citizens, an entertainment program, and other features.

The Industrial USO has been operating informally for the past several weeks, pending completion of the remodeling and re-furnishing of the building.

Grover K. Gregory served as director for a time. He has returned to his duties as a school principal in Kentucky and has been succeeded by Lee Brown.

The Industrial USO is designed to offer recreational facilities to defense workers in the Lower Peninsula area.

CONDOLENCES: To Starr Truscott, on the death of his mother, in Ohio; to Melvin N. Gough, on the death of his mother, in Baltimore; to John and Marsena Ankeney, on the death of their father, in Hampton; to Virginia Smith, Aircraft Loads, on the death of her father, in Charleston, West Virginia.

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. The telephone number is 376.

Editor. . . . . H. Lee Dickinson  
 Associate Editor. . . . . Ruth Angel  
 Art Editor. . . . . Ben Vogel  
 Reporters . . . . . LMAL Employees

*'Victory Cannot Be Bought...'*

The wheels of research will continue to hum on Labor Day as LMAL employees report for duty, putting aside thoughts of a holiday until we are able to enjoy it in a fashion which has been our want.

President Roosevelt has told us that there will be no more holidays, except Christmas, until the threat of Axis warlords has been stamped out. But he did not have to tell us. No real American can afford to relax his efforts now.

This Labor Day, as on other days as long as this war lasts, we must take to heart the important words of our Commander-in-Chief, who said:

"Victory cannot be bought with any amount of money, however large; victory is achieved by the blood of soldiers, the sweat of working men and women, and the sacrifices of all people."

AN LMAL MAIDEN GOES SATURDAY NIGHT SHOPPING!



# CLEVELAND CLIPPINGS

AERL IS MAKING progress in its campaign to pass LMAL in the percentage of employees subscribing to the pay roll authorization plan. An early report shows that through special solicitation, 28 new subscriptions were obtained and 243 persons increased their present allotments for bonds. According to Wing Tips, AERL newspaper, the drive will not be concluded until the Clevelanders are on top.

A RECITAL of classical music was offered Sept. 2 in the AERL Administration Building, under direction of Fred Bonnie, Jr. The NACA orchestra offered the music, and W. C. Malin, Personnel Director, was narrator.

THE CLEVELANDERS are planning a "Frisk" Dance Sept. 18. Just what a "Frisk" dance is will remain a secret until the night of the affair, the sponsors say.

THE NATIONAL Inventors' Council met recently at AERL to discuss the best inventions and ideas submitted during the past month to make the war effort more effective. Among those present was Dr. Orville Wright, who said he believed the helicopter will advance to outstanding usefulness.

THE GIRLS' BOWLING league will get under way Sept. 17. Double elimination play-offs in the AERL softball league have begun.

BONDS: A good buy

### LABORATORY EMPLOYING ADDITIONAL PERSONNEL

The Laboratory is in need of additional non-draft eligible personnel. The following is a list of the type workers who are needed most:

Women workers, model-makers, stenographers, engineers, and mechanics, including automotive and aircraft.

If you have a friend who might qualify for one of the positions described, refer him to the Personnel Office.

## VACATION RHAPSODY

**THOSE STILL AWAY:** Doris Topping, PRT, at home in Charlottesville; Emily Bagnall, Pay Roll, in Wilmington, N.C.; Catherine Watkins, Leave, at home in Pittsburgh; Kathleen Harris, Personnel, sojourning "hither and yon"; Lorene Williams, Bonds, at Paragould, Ark.; Ed Howe, Administrative, visiting points of interest and seeing his girl from "back home"; Mary Hillery, LW Purchase, in Hampton; Lucille Armistad, LW Purchase, in Boone, N.C.; Dorothy Boardman, Aircraft Loads, at home in Pittsburgh.

**THOSE RETURNED:** Elizabeth Carter, PRT, from home in Amherst; Rosemary Bryant, PRT, from home in Spartanburg, S.C., and also a visit to her brother in Camp Wheeler, Ga.; Hazel Philyaw and Jerry Teplitz, 19-foot Tunnel, from Hazel's home in Comfort, N.C.; Bill Scott, Maintenance, from New York; Audrey Campbell, Editorial, and Milly Devine, Administrative, from a visit to Audrey's home in Charlottesville; Barbara Allan Moss, 16-foot Tunnel, from Greensboro, N.C.; Georgie Dees, 16-foot Tunnel, from a week-end at Belmont, N.C., where she was the guest of Ann Stowe, formerly of the Editorial Office; Jean Ellis, Structures, from home in Marion, N.C.; Thelma Savage, L Purchase, from Raleigh; Tony Freihofner, Tank No. 1, from a fling in the Big City; Anna Cepht, Aircraft Loads, from home in New Jersey; Lucy Bainbridge, after a visit to AERL; Ida Young, Editorial, from Cedartown, Ga.

**MISSING:** A typewriter desk, Inv. No. 21364, is missing from the warehouse. It is walnut finished, with left side well. Will holder please notify Johnnie Bergbom, telephone 384.

**FOR SALE:** Two metal folding cots and mattresses; John A. De Monaco, Dynamic Model Shop.

## Saves Plane, Instruments By His Daring

Oldtimers remember Tom Carroll, early-day NACA test pilot who was among the pioneers to help mould the tradition of the Langley Laboratory.

Friends enjoy recalling the time Carroll saved a plane and valuable research instruments by a little acrobatic daring on the wing of a plane in flight, and through the use of a screw driver.

### Strap Boxes of Sand To Wings

Carroll went up in a biplane here one day to determine the effect on the stability of the airplane of unequal weight distribution. Boxes of sand were strapped to the wing tips and when the proper altitude was reached, he was to pull a cable which would open a trapdoor to empty one of the boxes. With the craft thus purposely unbalanced, he could conduct his tests at a safe altitude, and, when ready to descend, dump the sand from the other box.

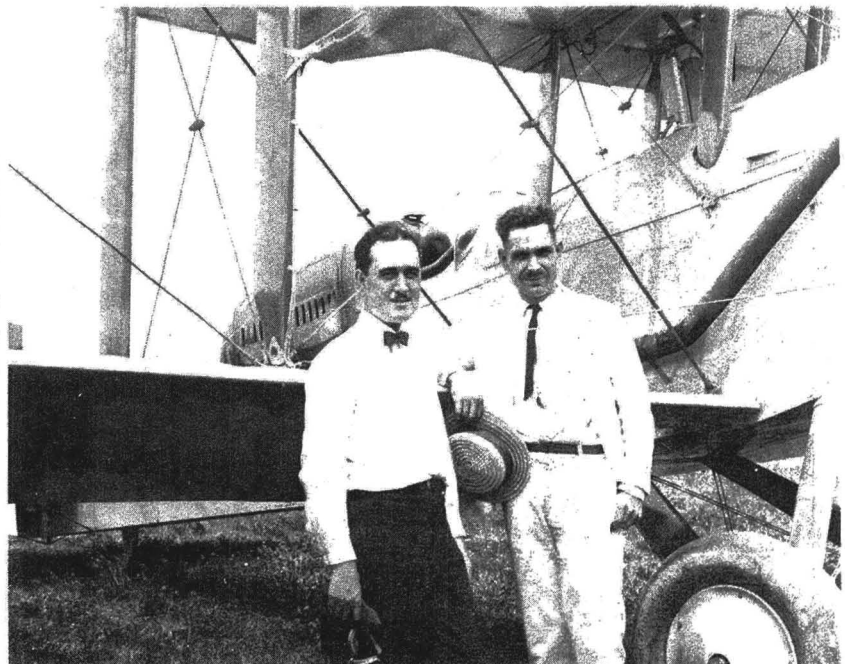
The tests completed, Carroll was dismayed to discover when he pulled the release to empty the second box that the wet sand had frozen solid.

### He Does Some Quick Thinking

The airplane in this condition was unstable, and Carroll had to do some quick thinking. He did not want to jump, for he was aware that invaluable flight test instruments and recorded data would be lost.

So, with one wing dropping under its load of sand, Carroll climbed out on the wing, leaving the airplane pilotless. Balancing himself against the slipstream, he dug the frozen sand out with a screw driver and later brought the plane down safely.

Carroll, who left LMAL about 1930, is now employed by the Drexel Furniture Company of Drexel, N.C., a firm which is engaged as a sub-contractor for the manufacture of wooden parts for airplanes.



YESTERDAY'S MEMORIES: Tom Carroll (left), early-day LMAL Test Pilot, and friend, E. Raymond Sharp, now Manager of AERL, who at the time was Head of the Line Crew here.

### BULLETIN MAY CHANGE NAME; HAVE YOU AN IDEA?

The Bulletin is going on a fall shopping tour! One item it hopes to obtain is a new masthead design; and perhaps a new name. It all depends on the comments we receive from Laboratory employees.

When the Bulletin was born late last year, the name selected was intended as a temporary one. No effort has been made to change the name, although it has been suggested that a name which describes the type of activity going on at LMAL would be more appropriate.

Appearing below is a brief form which we hope every member of the staff will fill out and return to the Bulletin Office. If you have any suggestions for improving the Bulletin, please list them; if you would like a new name, say so, and if you have a suggestion for a new name, please let us have it.

*Please fill out and return to Bulletin Office*

Suggestions:

Do you want a new name?

Suggest a new name:



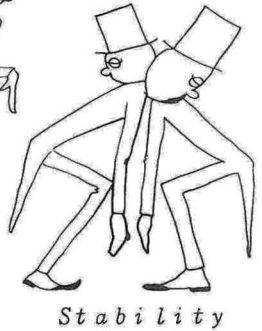
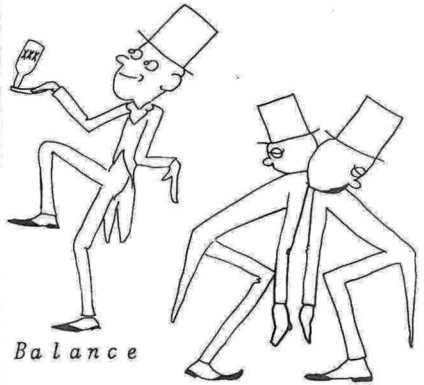
### TENNIS CLUB HOLDS TOURNEY SEPT. 5

The NACA Tennis Club will hold its second one-day tournament of the season Sunday, Sept. 5, starting at 1 p.m. It is expected that some of the old-time members of the tennis club will show up to give the newcomers some stiff competition.

Some tennis players have obtained a little diversion from their regular game lately by playing badminton. A badminton court has been set up on one of the former tennis courts. Aeronautically-minded NACA men have found a practical application for the laws of lift and drag in trying to follow the antics of the shuttlecock in a strong wind.

The NACA courts may now be reached by car, bus, or bicycle. They are located on Fox Hill Road, a short distance from the new traffic circle on Langley Field Road.

#### AERONAUTICAL TERMS



## Transportation Survey Made

A survey has recently been made of the transportation problems of employees, to ascertain what improvements or additions could be made in assisting members of the Laboratory. This survey covered both day and night shifts, with particular reference to the night shift.

A surprisingly few cases were found to indicate that the combined efforts of the employees and the Laboratory riding service were not entirely adequate. The cases found were usually in the process of changing from one shift to another and usually had not brought their difficulties to the attention of anyone outside of their own section. This is commendable as far as the efforts of the employee go, but after exhausting local facilities, it would be well to remember that the Laboratory offers a transportation service that has been particularly successful. It can be reached on phone 377 between the hours of 8:15 a.m. and 4:45 p.m., which overlap both early and late shifts.

Employees are urged to avail themselves of this service if they are unable to solve their own problems. Any emergency arising at the last minute on the night shift may be solved by calling the night clerk on phone 244. Employees who are stranded at Langley Field after public transportation has ceased, can probably be assisted by the night clerk, since he has access to information concerning employees on odd shifts who are leaving the Field at intervals during the night.

**DIED:** Al Pledge, General Electric, frequent business visitor to LMAL, died unexpectedly in Richmond Wednesday night. It is not known here as yet who will succeed Mr. Pledge.

## Life At The Laboratory

**LET'S HAVE A PARTY:** The "Do-Boys and Girls" of the 16-foot Tunnel concocted a new beverage at a recent party in Hampton. The engineers named it "Pepsi-Wilbur". For information on the ingredients to use, contact one of the "Do Boys"....Aircraft Loads enjoyed a picnic Sunday, Aug. 29, and about 75 attended despite the rain. The section's one-piece orchestra, Accordionist Angie Cartabiano, furnished the music....The Library staff and guests will hold a wiener roast Sunday, Sept. 5, in the yard of Betty Gilman's home....The results of the experiments conducted by the FFT Section at Virginia Beach were peeling noses and slightly damaged fuselages due to uncontrolled sun rays, football, and softball games, and an abundance of fried chicken. Even with these results, the Section considered the experiment highly successful....16-foot Tunnel employees held a skating party Wednesday night, Sept. 1, at Stuart Gardens.

**COLLEGE LIFE:** Jacqueline Elliot, L Purchase, has departed the Lab to resume her studies at Mary Washington College....Rosamund Putzel, Tank No. 1, is entering Salem College in Winston-Salem, N.C....Mary Elizabeth Wright, and Maxine Beachum, Stenographic, leave soon to matriculate at Elon College, Elon, N.C.

**MISCELLANY:** Quick, Henry, the aspirin! The PRT is having a headache over so many presents to buy; and it can't afford a picnic. Now that Abe Cohen is entertaining his heartbeat from New York, and Arvid Keith has returned from his home in Durham, it fears the worst again....Mary Jean Prince's title of "reckless driver" is reportedly being threatened by Marilyn Lawlor, who received a little ticket from a gentleman in blue recently. Jeanie is generally pretty lucky on this score, however; she flirts her way out....How did Nancy Wall, 16-foot Tunnel, get all those nicknames....David Goldenbaum, Tank, has finally become a poppa. Now his co-workers may settle down. Dave reports the new arrival to be an 8½-pound son, Paul Ernest, born Saturday, Aug. 28....Virginia Bangsberg, Reproduction, and Jacqueline Cock, ICL, have gone to La Crosse, Wisc., from where they will go to Minneapolis to attend the wedding on Sept. 11 of June Wyatt, Reproduction....Newly-weds Charlotte and Jim Delano were out on sick leave last Monday and friends are wondering if Charlotte's cooking was to blame.

### REPRODUCTION AL SAYS:

*In preparing figures for reports, MAKE LETTERS OF PROPER HEIGHT.*



### PLAN FORMATION OF BOWLING LOOP

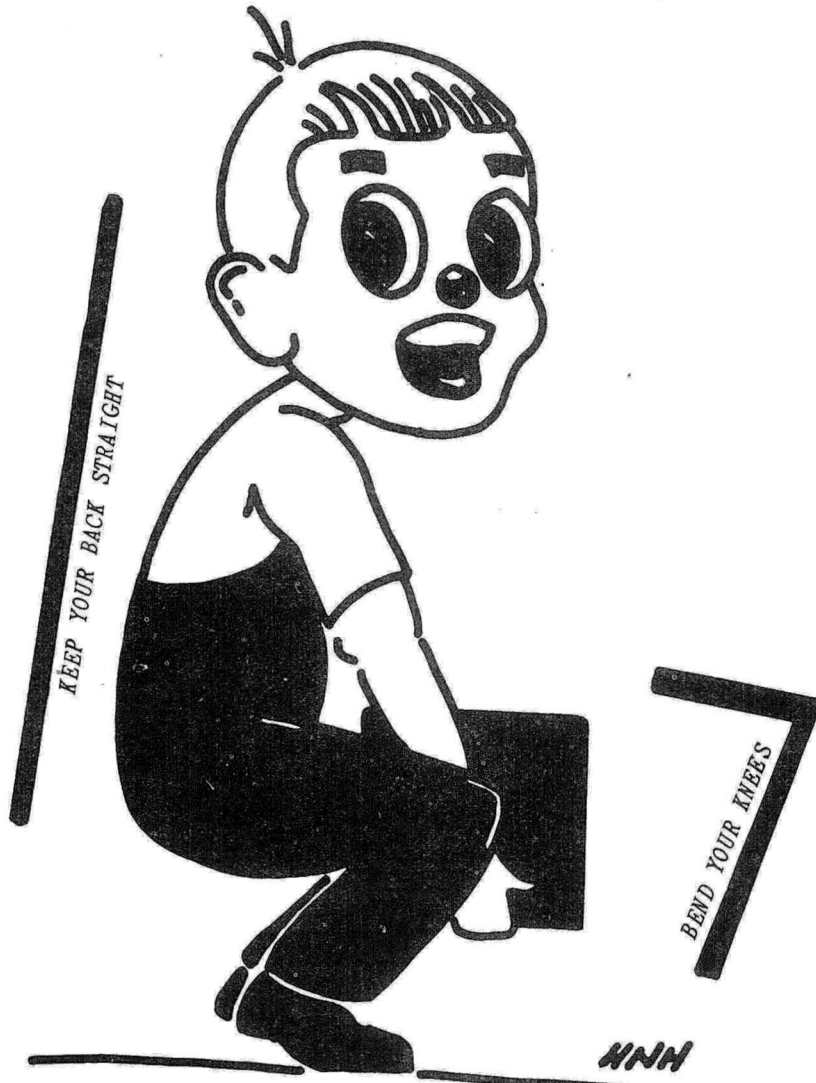
One or more bowling leagues are being formed by E. McKinley Hutton, Personnel, beginning in October.

Any one interested has been asked to communicate with Mr. Hutton, telephone 386, who is accumulating certain necessary information preliminary to organizing competition.

Mr. Hutton needs to know whether you prefer ducks or ten pins; what alleys you want to use, and the most convenient time for starting the contests.

## CORRECT WAY TO LIFT!

Crouch beside the article you wish to pick up. Secure a strong hold on it and then stand up, using the muscles of your legs and arms to bring up the weight!



**IF YOU CAN'T PICK IT UP  
THIS WAY - GET AID!**

### MAKE GOOD SHOWING (From page 1)

ployed by Pratt and Whitney, Hartford, Conn., won first in the Class C gas model event, and also had the longest single flight of the meet--seven minutes and 22 seconds.

Ed Yulke of the Sky Lancers and also a writer for Air Trails Magazine, was director of the contest.

Those from here who attended: Frank Cisco, Dick

Sladek, Bill Glade, Gene Hicks, Carl Cecil, Bert Miller, Ralph Moscatel, Paul Marchal, Fred Waller, George Sadler, George Gentry, John Kail, C. R. Molisee, H. Jones, Bill Burke, Ed Janov, Mickey Beitchman, V. J. Serio, Norman Chaney, George Evalenko, Arley Uhrig, Dodson, Parmenter, Folk, and Birkel.

The group visited Coney Island before returning to the Lab.

## Musical Musing

Private George C. Drake again visited the LMAL Musical Group at its weekly rehearsal at the USO on Tuesday night, and with Mary Noble Angel at the piano, the club rehearsed about five numbers. The rendition of one selection "a capella" proved what regular practice and some hard work can produce because it rang remarkably true; even the director was gratified.

Under Private Drake's direction, the chorus had a first-rate opportunity to sight-read one of the new numbers of Fred Waring's arrangements for glee clubs, namely "When Johnny Comes Marching Home." You would have thought the whole Eighth Army was marching, with all the "ding dongs", and "drum drums" boomed out by the basses. The result nearly shook the USO to its foundations. That number will require some good hard practice.

After the rehearsal, Howard Garris presided over a brief business session. Plans were made to hold the regular election of permanent officers for the coming year on the last Tuesday in September.

Promptly at 7:30 p.m. Tuesday, Sept. 7, the group will meet for its regular rehearsal.

**FIFTEEN PER CENT:** It's not too much.

**LOST:** One each of the following: Engineers scale, Inv. No. 5387; 12" Steel rule, Inv. No. 7622; 50' Steel tape, Inv. No. 13966; 50' Steel tape, Inv. No. 18710; Clothing cupboard, Inv. No. 16263; Storage cabinet, Inv. No. 18427; Straight leg chair, Inv. No. 2969; Reversible protractor head, Inv. No. 19130; Bentsteel chair, Inv. No. 14977; Bentsteel chair, Inv. No. 16949, and three Starrett dial indicators, Ser. No. 19338, 19344, 19350. Please notify Structures Research Division if the whereabouts of any of the above items is discovered.