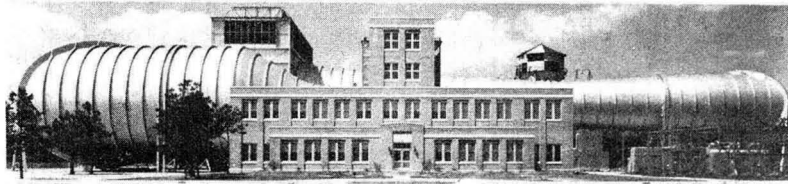
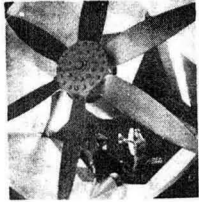


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 2, Vol. 3

Langley Field, Virginia, January 8-14, 1944

Page 1

BEGIN BOND DRIVE JAN. 18

The Laboratory's quota of cash war bond purchases in the Fourth War Loan Drive which gets under way Jan. 18 and runs until Feb. 15 has been considerably lowered because of the past excellent record made in the payroll allotment plan.

The quota set for LMAL is 35 percent of the gross November payroll. November payrolls here amounted to \$449,551, making our quota \$157,343. However, we will be allowed to deduct as credits against this quota the payroll allotments for bond purchases during Jan-

(See page 2)

BOYS IN ARMED SERVICES TO GET BULLETIN

The Bulletin is planning to enlarge a service which has been in existence for the past several weeks, that of sending weekly issues of the Laboratory's newspaper to former employees who are in the armed services.

Bulletins have been going out each week to 11 former employees, most of them to men who served in the Reproduction Section. Employees of this section have been contributing money at intervals to defray the cost of stamps.

Now it is desired to send the Bulletin to all former employees who are members of an armed service. In order for the project to be carried on, the Bulletin staff will appreciate contributions of money from employees. This money will be used to buy stamps.

In addition, we would like to have the service addresses of all ex-employees. If you know of any, please forward them to the Bulletin Office. Please make certain that the addresses are correct. Notify the Bulletin Office of any change in address.

We would also like to print from time to time excerpts from interesting letters received from the boys in service.

Those who have been receiving Bulletins include Harry R. Clason, Eugene Snyder, Douglas G. Hill, William H. Guy, Jr., Stanley P. Shapiro, Stanley Colson, Howard B. Miller, and David Crump, all of the Air Corps; and Vincent J. Colosimo, Army Ferrying Service; Frank L. Allen, Marines; and John J. Kaufmann, Coast Artillery.

32 APPRENTICES TO GRADUATE AT CEREMONIES HERE JAN. 20

Having successfully completed their prescribed term of apprenticeship, 32 LMAL apprentices will receive certificates for the completion of their apprenticeship training at special ceremonies to be conducted Jan. 20 in the Post Theatre. This will be the second annual graduation exercises which have been held by the Apprentice Administration.

A group of high ranking NACA and Federal officials will participate in the exercises. The names of these officials will be announced as soon as their attendance is

confirmed.

Induct New Employees

In addition to the graduation of 32 apprentices, a new group of employees will be formally inducted into the training program as a part of these ceremonies.

Although the program has not been entirely completed it has been learned that Harry Shoaf of the Engineering Section has been selected to

(See page 6)

WILL DISCUSS SHIP RAISING

The story of the raising of the huge hulk of the Normandie, which burned and sank alongside a pier in New York, will be told by A. C. W. Siecke, consulting engineer of the Merritt-Chapman, and Scott Corporation, at a meeting of the Engineers Club of the Virginia Peninsula at 8 p.m. Jan. 13 at the Apprentice Athletic Building in Newport News.

Mr. Siecke was in charge of the engineering work involved in raising the former French luxury liner which had been taken over by the U.S. Government.

Admission to the lecture will be by ticket only. A limited supply is available to Laboratory employees and may be obtained from I. H. Abbott, AFR, telephone 360; Eugene E. Lundquist, Structures Laboratory, 284; and H. A. Wilson, Full-Scale Tunnel, 372.



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
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Reporters LMAL Employees

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We're Pulling For You, Tommy!

The indomitable courage of Tommy King, combined with the best of medical attention, is helping the young Laboratory employee recover from serious internal injuries. Tommy was hurt while at his duties at the East Model Shop on Dec. 22. He was rushed to the Langley Field Hospital for emergency treatment and later transferred to the Marine Hospital in Norfolk, where he underwent an operation on an injured kidney.

It was discovered during the operation that peritonitis had set in and the new drug discovery, penicillin, and a sulfa drug were employed to clear up the infection. Reports from the hospital Thursday indicated that Tommy's condition is improving, though still serious. Tommy has a private room and 24-hour a day special nursing service. One of the nurses is an aunt of Tommy's from Washington. Three physicians at the Marine Hospital are working on the case and one is devoting his time almost exclusively to the patient. Laboratory nurses have also given assistance.

There was a good response for volunteers at the Laboratory to give blood transfusions to Tommy. Five were taken to Norfolk on Jan. 1 in the first call, including James Betts and Norman S. Land, Tank; Manuel Stein, Structures; Irvin Naiman, Physical Research, and Arthur Kantrowitz, TDT. Those taken to the hospital on Jan. 3 were Kitty White, Herb Andrews, and Joe Boyle, Dynamic Model Shop; Howard Ferrell, Instrument Service, and Walter Lane, Prop Shop.

Tommy's blood was of the rarest type--Type B or 3 as it is sometimes referred to in the medical world. It was noted in placing calls for volunteers that many employees were not aware of their blood type. This prompted a proposal that a future program be set up whereby Laboratory employees may have their blood typed and the information filed.

Tommy's parents, who live in Washington, were notified immediately after the accident. Laboratory representatives met Mrs. King at the Newport News bus station and escorted her to the hospital. Other members of the family arrived later. Mrs. Lenore D. Hulcher, Counselor-to-Women, has been in almost constant touch with Mrs. King since the accident. Daily reports on Tommy's condition have been received by the Laboratory.

It is gratifying to know that Tommy is getting the best of attention and the LMAL Bulletin joins in wishing him a complete and speedy recovery.

War Loan Drive

(From page 1)

January and February. Figuring on the basis of the payroll deductions made in recent months, our credit will amount to approximately \$120,000, putting our goal in cash purchases at less than \$35,000.

Present plans are to set up a cash sales office somewhere at the Laboratory to function as before, offering 24-hour service on delivery of bonds purchased during the campaign. Cash purchases of bonds made by employees between now and the beginning of the drive may be credited to LMAL's record if the purchaser will obtain a credit slip from the Bond Office.

The Fourth War Loan will be an effort to raise 14 billion dollars. The Interdepartment War Savings Bond Committee has appointed regional coordinators to serve during the drive. The coordinator for this region is Alexander H. Bell of Norfolk.

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Exceeds Half Million Mark

Laboratory employees passed the expected half million dollars mark in War Bond buying this past year with plenty to spare, putting aside nearly \$700,000 for this purpose.

During the first six months of the year, \$247,255.90 was allotted by the regular payroll savings plan. In July and August, the allotments rose slightly, and in September, effects of the Third War Loan Drive began to be felt and they rose still higher. Each month found an even higher amount being put aside, and December was tops for the year with \$62,192.95. This brought the year's total payroll allotments to \$577,854.73.

The monthly allotments for the last six months of the year were as follows: July, \$48,660.75; August, \$49,152.84; September, \$51,532.18; October, \$57,489.22; November, \$61,570.89; and December, \$62,192.95.

CAN YOU SPOT HER?

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

VITAL STATISTICS: For the first time, a member of the fairer sex graces our line-up. The maid, or rather the matron, of the week is another of the local products employed at the Lab. Newport News is her birthplace and Aug. 12, 1912, is the date of her arrival.

EARLY LIFE: She is one of a family of five kids, and like all good Newport News kids, she attended public schools there, being graduated from the local high school in 1929. For the next two years, she worked in a lawyer's office.

COMES LMAL: On the last day of September, 1931, Mr. Sharp paid a visit to her home, to see whether or not she was suitable for work here, but he didn't find her. She was out horseback riding. However, he left a message with her mother for her to come on out the following day. She came out and has been coming out regularly every morning since. She was hired to work in the "main office", which then had the

combined duties of all the administrative, personnel, purchase, stock, and files sections. A few of the present day workers who were also in the office were, Lucy Bainbridge, Ruth Belle, Zena Sichard, and Betty and Warren Gilman. She started out as a report typist, but found out that she couldn't sit still long enough for that. She did general typing and stenographic work, at one time taking all of Mr. Reid's dictation. In tracking down particular pieces of correspondence, she frequently was her own messenger. After she had been here a few months, she replaced Rosa Smith in the files, when that lady went to the Washington Office.

COMES LOVE: June 22, 1940, brought the culmination of a romance with a local boy. They were married and have lived happily ever after. Her married name is the same as that famous British soldier, Tommy.

SCATTERED NOTES: She is five feet, two inches tall, weighs 118, and has brown hair and eyes (brown of course)...Her husband is employed by the local newspapers...She used to be the star of all the annual dinners for the Lab staff. One year she was the real feature by doing the hula to the strains of Tom Hulcher's accordion. She recalls that she took four lessons for the dance, spent ten bucks on them,

and has never given a repeat performance...She is quite a buddy to all the big shots, and prefaces only two of their names with "Mister".

A REMINDER: Health is the greatest of all possessions. Take care of yourself.

351 HERE GIVEN PHYSICAL EXAMS

Three hundred and fifty-one employees of the Laboratory have been examined at the Air Base hospital since the service was inaugurated early last July.

The results of these examinations thus far have shown that LMAL rates high above the average in other parts of the nation in health, according to a comparison of reports by Selective Service.

Physical defects among the individuals examined were pointed out and the employees in question encouraged to discuss the details with a Laboratory nurse.

It is hoped to continue the giving of examinations at a later date when congestion of work at the Base hospital is reduced.



SCHOOL DAYS ARE HERE AGAIN

School days will begin again this week for a large number of laboratory employees.

A course in elementary aerodynamics, similar to one recently completed, will be inaugurated at 7 p.m. Tuesday at Hampton High School if a sufficient number of applications is received.

The class will be taught by Cal Muse of the 19-foot Tunnel and will meet from 7 to 9:30 p.m. each Tuesday for ten weeks. At least 15 persons must register in order for the course to be given. Laboratory employees who are interested may register by telephoning the Apprentice Administration Office.

A class of about 30 was

recently completed. It is planned at the conclusion of the class beginning Tuesday to offer a more advanced course in this subject and to draw as enrollees those who completed the elementary courses; and also those who are ineligible for a still more advanced course which has been given periodically under the title, "Fundamentals of Aeronautical Engineering".

The Apprentice Administration's next term will get under way at 7 p.m. Monday at Hampton High School. Notification regarding their classroom assignments will be given students at the school on opening night.

A class in mechanical

drawing for women in the Research Department, to be held from 7 to 9:30 p.m. on the next ten Tuesdays, will begin this Tuesday at Hampton High School. This is a course which is being continued from the previous term and will include advanced and beginning mechanical drawing all in the same class. The large number of computers and mathematicians who will complete a physics course in two weeks are particularly urged to sign up for the drawing class. Applications are being taken by the Apprentice Administration Office.

A class in Machine Shop begins in the West Machine Shop of the Laboratory at 8:30 Sunday, Jan. 16, and will be held every other Sunday for at least six class periods. This class is open to such employees as wind tunnel mechanics, junior engineers, men in Instrument Research, and others who find a knowledge of machine shop work necessary. Application for this course also may be made at the Apprentice Administration.

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LOST: A pair of rimless glasses on a gold frame. Finder please return to Dorothy Forrest, Duplicating Office.

Frank Allen Writes From Tarawa Atoll

Frank L. Allen formerly of ICL who later became a construction inspector and was transferred to Cleveland, wrote an interesting letter recently to Robert E. Mixson, Head of Reproduction.

The letter was written at Tarawa Atoll in the Gilbert Islands and Frank said he had been there "ever since this job started..." He described the Tarawa campaign as "quite an undertaking and was successful through the ability of our Navy and Marines to take it and dish it out."

"I needn't tell you all at the Laboratory about our Navy planes. You know more about their capabilities, no doubt, than most any other group of civilians; but you certainly should see them work. They are plenty good, and the Jap can't compare," Frank wrote.

Accompanying Frank's letter was a Japanese ten yen note. He suggested that Mr. Mixson keep it, since "the bird that used to own it doesn't need it any more."



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LIFE AT THE LABORATORY

ILL WINDS: Sarah Whitley, AWT, is in Buxton Hospital with the flu...Dottie Teague, Electrical Office, has returned from a short stay in Dixie Hospital...Felen Walker, Warehouse, is spending her evenings at the Fort Monroe Hospital while her fiance recovers from an accident.

CHIT CHAT: Everyone is wondering how Roy Lange, FST, manages to change shirts without removing that maroon sweater that "Ace" Campbell gave him for Christmas. He admits it's rather difficult...The girls in Structures are wondering what their engineers will do next. Their present trend in sartorial splendor is to plaid shirts, gaudy figured ties, argyle socks, and loud sweaters all at once--plus tweed suits...The 16' Tunnel started off the New Year with a bang with a party at Yankah Manor...Stability Research had another of its famous parties at the Chamberlin Country Club last night...Look out, guys! The female illustrators of Reproduction are planning to take full advantage of Leap Year. They held a strategy meeting at their hangout last week and practiced several different techniques.

HAPPY NEW YEAR: Last Saturday was really the day for sleepheads following the self-styled "Fourth Department" dance at the Chamberlin Country Club on New Year's Eve. Congratulations to Melvin Butler and his gallant crew for sponsoring the affair.

GOOD RECORD: Ray Wright, 8' HST, missed his first day for illness in nine years last week.

ENGAGEMENTS: Mary Lou Duval, Stability Tunnel, and Dick Sawyer, FRM, are among the latest to fall, and Dot Genzer, Personnel, and Bob Pendley, 8' HST, will be married Jan. 29 at the First Christian Church in Newport News.

COMINGS AND GOINGS: Grace Scott, Personnel, has left the Lab to undergo an operation...Dave Goldenbaum, who has spent the past month in Florida, has returned to the Tank... Jimmy Ferguson, Warehouse, has moved from Norfolk to Essex Park...Esther Wendling, FRM, and LaVerne Priddy, AWT, have returned from a sojourn in Miami. "Windj" suggests that the Lab be moved to Miami so the computers could sit on the beach and compute. This would do away with the need for all vacations...Texie Belle Felts, FST, has come back after a ten day visit to her home in Boykin...Bette Peterson, Structures, has returned from a trip to Chicago...June Polhemus, Warehouse, is back from New York...The Stability Tunnel welcomes its latest recruit, Emily Stephens, a computer...Reproduction got all of its illustrators back in a lump, Marge Patterson from Michigan, Dot Severance from Gastonia, N. C., and Mary Thorne Tyson, who had taken Carroll Christensen, Engineering, to her home in the "Old North State"...Official visitors during the past week were R. J. Diggs, M. E. Lipes, James R. Braig, and Eugene C. Braig of AERL...Kenneth Ward, ex-Tank and now with Consolidated-Vultee in San Diego, also visited here on company business... Cecil Burtner, Paint Shop, is back on the job after spending the past week with friends in Durham...Marvin Schuldenfrei, AWT, has returned from a big time in the big city.

JUST MARRIED: Wedding bells rang in Wilkes-Barre, Pa., on Dec. 26 for Dorothy Holloway, AWT, and Sergt. John Bria of Langley Field.

CONDOLENCES: Our deepest sympathy goes to John Evans of the Maintenance Section following the sudden death of his wife on Jan. 4.

PARTYING AGAIN: "Hoi's Hummers", Photo Lab social club, entertained at the Sigma Club on Jan. 4 for Donald Foster, who leaves soon to become one of Uncle Sam's boys.

SAFETY FORUM SERIES BEGUN

The first of a series of educational forums was conducted by the LMAL Safety Coordinators in the auditorium of the Administration Building Jan. 6.

Starr Truscott, Chairman of the Executive Safety Committee, outlined the responsibilities and duties of the Safety Coordinator and his contribution to the cause of safety at the Laboratory. "Flame Facts", a color film showing what to do when fire strikes, was viewed. Charles J. Satterfield displayed examples of all types of fire-fighting equipment here and explained their use.

The forums will deal with subjects of fire prevention, industrial safety, first aid, health and hygiene, and miscellaneous safety operations.

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PHONE NUMBERS AVAILABLE FOR BUSINESS PURPOSES

Laboratory employees who wish to communicate by telephone with another employee after work hours, on official business, may obtain the person's number by calling the NACA switchboard operator, Hampton 6341.

This information is not available, however, except for use in the conduct of official business. This rule is necessary as a protection to the employees.

* * *

PROPERTY ON PERSONAL CHARGE TO BE TURNED IN PERSONALLY

All property on personal charge should be turned in personally by employees to one of the stockrooms and a receipt obtained. A duplicate copy of the receipt will be forwarded to the Property Office in order that this charge may be removed from the file.

Any employee not receiving a receipt when property is returned should request that a receipt be furnished, otherwise he will still be held responsible for the property.

CALENDAR PADS EXPECTED TO ARRIVE THIS MONTH

The Stockroom reports that there are no calendar pads on hand at the Laboratory and they are not expected to arrive for distribution before the middle of this month.

Sections are requested to send a notice of their needs to Chisman Booker, Stockroom No. 3, in order that they may be distributed immediately after arrival.

ARABIC PROVERB: When you have spoken the word, it reigns over you. When it is unspoken you reign over it.

32 APPRENTICES GRADUATE

(From page 1)

speaking for the graduates and Ira Ramsey also of the Engineering Section has been delegated to speak on behalf of the student body. The affair will be held at the Post Theatre from 1 until 3 p.m. and it is believed likely that the entire mechanical staff of the Laboratory will again be invited to attend.

Graduates Are Announced

The graduates and the trades for which they will receive certificates are as follows:

Paul J. Boeger, Engineering Design Draftsman.

Joseph V. Boyle, Aircraft Model-maker.

Frederick A. Breisch, Machinist.

William J. Carroll, Engineering Design Draftsman.

Charles M. Chambers, Toolmaker.

Gordon Cheesman, Aircraft Model-maker.

Earl L. Council, Engineering Design Draftsman.

Bert C. Deis, Machinist.

Frank Deis, Aircraft Modelmaker.

Joe W. Dodson, Aircraft Model-maker.

John E. Doyle, Engineering Design Draftsman.

Francis R. Dreisbach, Instrument Maker.

Theodore Elder, Engineering Design Draftsman.

Howard Ferrall, Aviation Metal-smith.

Anthony P. Januzzi, Machinist.

Charles B. King, Aviation Metalsmith.

Harold Maxwell, Engineering Design Draftsman.

Charles C. Nagle, Aircraft Modelmaker.

Joseph Pavlovsky, Engineering Design Draftsman.

James T. Poe, Machinist.

Leonard Richardson, Engineering Design Draftsman.

Joseph Shematek, Aviation Metal-smith.

Harry C. Shoaf, Engineering Design Draftsman.

Otto F. Trout, Machinist.

Roland Tully, Toolmaker.

David Wasserman, Aviation Metalsmith.

Fred Chalfont, Aircraft Model-maker.

John A. Demonaco, Aircraft Modelmaker.

Richard A. Everett, Machinist.

Walter H. Lane, Aircraft Model-maker.

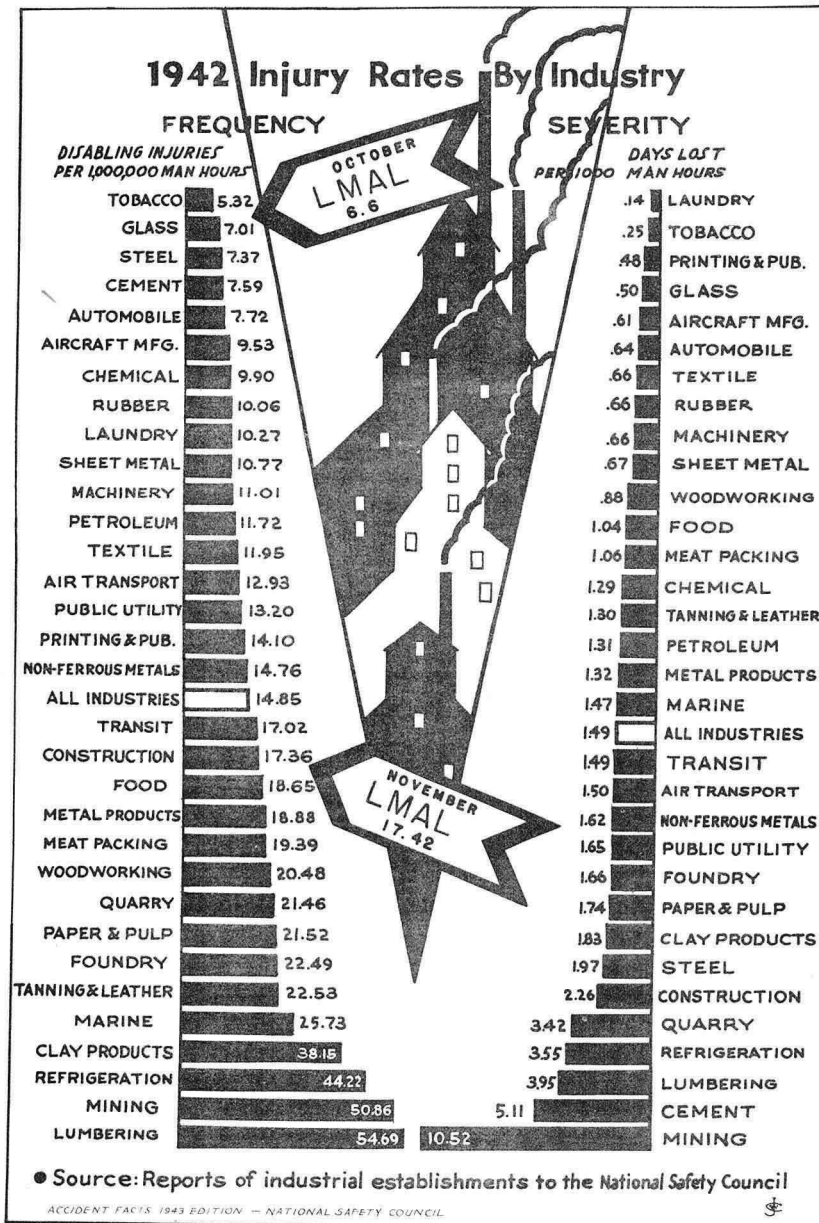
Theodore W. Schindler, Aircraft Modelmaker.

Andrew Veryzer, Machinist.

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SPOTTED....

The lady in question on page three is Mrs. Indaline Taylor Atkins, "Indie" to everybody here.



LMAL BULLETIN

PLAN WAR LOAN CAMPAIGN

The Fourth War Loan Campaign will be launched at LMAL within the next few days. Mr. Victory in a recent letter to the Laboratory says "Our Nation's position has advanced to a crucial stage since the Third War Loan. As we approach full mobilization for war, more than half of our national income is being devoted to war purposes. At the same time the American people have \$18,000,000,000 more in bank deposits and currency than they had when Pearl Harbor was struck.

"Your Government's need is just as great as in the Third War Loan - greater, because it is now approaching full mobilization for war. The reasons any individual should buy War Bonds are just as sound as before. The fact that January and February pay roll deductions are to be counted in attaining the quota makes your cash quota relatively low and you have two months in which to top it."

Plans for the Fourth War Loan Campaign are rapidly maturing under the leadership of Joe Kotanchik who directed the War Loan Campaign in the West Area last year. Details of the plans as they affect each section and individual will be issued as rapidly as possible.

These plans are being prepared on the basis of conducting a successful War Loan Campaign with minimum interference to the efficient conduct of the regular work of the Laboratory.

MECHANICAL RECRUITING PROGRAM GETS UNDER WAY

A recruiting campaign started on Monday, Jan. 17, 1944 in an effort to supply LMAL with more mechanical personnel. A total of 60 recruiting agents, twelve of whom are LMAL employees, have gone into the field as representatives of the Civil Service Commission and will be located at eleven strategic points in the Fourth U. S. Civil Service Region.

The Laboratory representatives and their stations are as follows: James Danko, Asheville, N. C.; Stuart Perviance, North Wilkesboro, N. C.; Marvin Forrest, Winston-Salem, N. C.; Paul Taylor, Greensboro, N. C.; Thomas McGrath, Salisbury, N. C.; James Betts, Durham, N. C.; Harold Turner, Sr., Raleigh, N. C.; Charles Wolf, Danville; Young Houston, Roanoke, Phillip Allen, Lynchburg; and Paul Obst and E. J. Shave, Charleston, W. Va.

For the past week, these twelve and Raymond Hulcher and Edward A. Howe, who were selected as alternates, have attending a class in Civil Service recruiting procedure which was conducted at the Norfolk Navy Yard.

The regular LMAL Bulletin was not published on Jan. 15, 1944 because of the rush of preparing printed matter for use by the recruiters.

APPRENTICE GRADUATION

High-ranking Federal and NACA officials will participate in the graduation exercises of the NACA's Apprentice School Thursday from 1 to 3 p.m. at the Langley Field base theatre. Thirty-two students will receive certificates in the second class to graduate since the establishment of the Laboratory's Apprentice school. Fourteen were graduated in the first class.

The principal speaker will be Lawrence A. Appley, executive director of the War Manpower commission, who will be introduced by John F. Victory, secretary of the NACA. William F. Patterson, chief of the WMC's apprentice training service, will make a brief address.

Certificates will be presented the graduates by Charles A. Hulcher, Apprentice Administrator. D. E. Henry of the WMC apprentice training service, will award special certificates from the Federal Committee on Apprenticeship.

A group of newly selected apprentices will be officially inducted by James W. Kelly, deputy national director of the vocational training for war production workers, who will be introduced by Linscott Ballentine, State director of trade and industrial education.

H. J. E. Reid, Engineer-in-Charge, will preside at the ceremonies, which will be attended by the entire mechanical staff, division chiefs and section heads, and friends of the graduates. Elton W. Miller, chief of the Administrative Department, will offer the invocation. Harry Shoaf of the Laboratory's Engineering Section will speak for the graduating class and Ira W. Ramsey, apprentice engineering draftsman, for the student body.

In describing the Apprentice School and its work, Hulcher pointed out that the 32 graduates, representing "an outstanding group of the Laboratory's mechanical workers, are engaged in all types of the most difficult work normally expected of journeymen in their various trades." He said that "they are not only carrying a heavy portion of the Laboratory's mechanical work load but in many cases are supervising and instructing lesser skilled employees.

The graduates and their trades are as follows:

Engineering design draftsmen: Paul J. Boeger, William J. Carroll, Earl L. Councill Jr., John E. Doyle, Theodore H. Elder, Harold I. Maxwell, Joseph F. Pavlovsky, Leonard C. Richardson, Harry C. Shoaf.

Aircraft modelmakers: Joseph V. Boyle Jr., Fred Chalfont, Gordon H. Cheesman, John A. DeMonaco, Frank R. Deis, Joe W. Dodson, Walter H. Lane Jr., Charles C. Nagle, Theodore W. Schindler.

Machinists: Frederick A. Breisch, Bert C. Deis, Richard A. Everett, Anthony P. Ianuzzi, James T. Poe, Otto F. Trout Jr., Andrew Veryzer.

Toolmakers: Charles M. Chambers, Rolland Tully.

Instrument makers: Francis R. Dreisbach.

Aviation metalsmith: Howard Ferrall, Charles B. King, Joseph Shematek, David Wasserman.