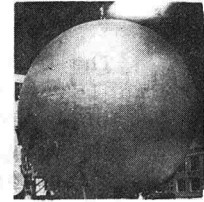
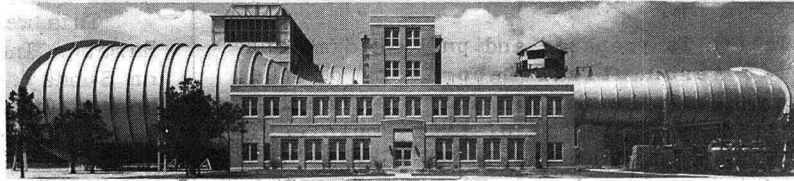
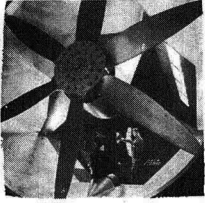


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 21, Vol. 3

Langley Field, Virginia, May 13-19, 1944

Page 1

RETIREMENT AND ANNUITIES

All employees of the Civil Service Commission, hired for the duration of the war or hired permanently, have 5 percent of their base salary, divided by 24, deducted for a retirement fund. Temporary employees do not have any amount deducted for such a fund, but at present few LMAL employees have a temporary status.

Who Can Retire

Any Civil Service employee who, after 15 years of service, has reached the age of 70 years will be automatically retired. After 30 years of service, any Civil Service employee who is 55 years old may retire voluntarily; and, after 15 years of service, any employee who is 62 years old may also retire voluntarily.

Computation of Annuity

There are three plans for computing an annuity for all employees who have retired. Under Plan I, the annuity, which is terminable upon death, consists of a sum of \$30 a year for each year of service, not exceeding 30 years, plus a purchasable annuity. The purchasable annuity is money in account multiplied by a purchasable factor which is based on the sex and age of the employee. The amount due each year cannot exceed three-fourths of the annual base pay received during any 5 consecutive years.

The annuity received under Plan II can not exceed \$1600

per annum. It will be the average base pay during any 5 consecutive years, not exceeding \$1600, multiplied by the number of years of service, not exceeding 30, divided by 40.

Under Plan III, the annuity received cannot be less than the average base pay during any consecutive 5 years multiplied by the number of years of service, not exceeding 35, divided by 70.

Payment of Annuity

An annuity may be paid to a retired employee in several ways. The employee may receive an annual amount, computed by means of any one of the three plans, and upon death have the remaining sum vested in his estate. On the other hand, the employee may receive an increased annuity during life; but, if the full annuity due has not been paid upon death, the remaining sum will not go to his estate. Under the joint and survivorship annuity, the employee receives a reduced annuity during life; and upon death his beneficiary receives a continuing benefit, which has been predetermined as an amount either equal to or one-half of the reduced amount the employee was receiving.

Any employee who has served the Civil Service Commission over 5 years gets an annuity computed by one of the three plans. Interest on the amount invested in the retirement fund is 3 percent compounded

annually and is determined from the principal in the fund on June 30 of each year.

If an employee who has worked less than 5 years resigns voluntarily, the amount refunded will be the deductions for the retirement fund plus 4 percent interest on the amount, compounded annually beginning each June 30, minus the tontine, which is \$1 a month for each month of employment under the Civil Service. If the employee upon separation does not request that the money be paid and if the employee returns to work for the Civil Service for a total time of 5 years or more, the amount due will not be subject to tontine but will be computed as described in the preceding paragraphs.

Increased Annuity

Employees who desire to have a greater annuity may deposit an extra amount each year in multiples of \$25. This increased amount, however, must not exceed 10 percent of the annual base pay.

SOFTBALL SCORES:

19' PT 17, Eng. Sec. 0
FRD 11, Stability 10
Struc. 13, Low Turb. 3
AWT 7, IRL 6
Tank 4, PRT 3
8' HST 10, AID 5
FST 5, Eng. Sec. 0
19' PT 5, Stability 4



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 Ruth E. Angel
Associate Editor Audrey Campbell
Reporters LMAL Employees

New Reporters

Several months ago the Bulletin Office assigned one person in each section to gather news for "Life at the Laboratory". Since that time, however, there has been a turnover in personnel as well as a change in several divisions. New reporters have thus been assigned, or former reporters reassigned, to collect the news for publication.

The persons selected as reporters for the various sections are as follows; Rowina Daniels, 8-Foot High-Speed Tunnel; Rosie Bryant, PRT; Allie Faye Ellis, Hydrodynamics Division; Mildred Owen, Full-Scale Tunnel; LaVerne Priddy, Stability Analysis; Sue Hunt, Aircraft Loads; Jerry Teplitz, 19-Foot Pressure Tunnel; Flo Winton, Free-Flight Tunnel; Ann Engel, Engineering Section; Esther Wendling, Flight Research Division; Sara Whitley, AWT, Frances Hoback, Physical Research Division; Ruth Miller, Editorial Office; Dot Severance, Production Section; Florence Timberlake, Personnel Division; Mary Margaret Soper, Fiscal Office; Anna Darling Cumming, Apprentice Administration; Elizabeth Saunders, Maintenance Office; Frances Leigh, Files; Kitty White, Dynamic Model Shop; Betty Bohannon, Library; Les Schneider, Free-Spinning Tunnel; Seymour Bogdonoff, Fluid and Gas Dynamics; Glenda Ellison, Stenographic Section; Kay Wasson, East Model Shop; Ginna Tucker, East Area Computing Section; Evelyn Morris, East Area Machine Shop; John Quinn, TDT; Nancy Wall, 16-Foot High-Speed Tunnel; Jay Bird, Stability Tunnel; Shirley Riley, Structures Research Division; Katherine Turner, Construction; Jim Towe, Construction Purchase; Ben King, West Area Model Shop; Monk Jones, Langley Purchase; Kent Horton, Project Engineers; Jerry Couch, Impact Basin; Rachael Withers, West Area Machine Shop; Marjorie Davis, West Area Sheetmetal Shop.

If any section has been neglected, please inform the Bulletin Office, and a reporter for that section will be assigned immediately. Each person should report all items that he wants published to the designated reporter for his section.

It will probably be impossible to publish all the news gathered every week. The editors will thus include what is considered the most important news, without neglecting any section, and will sincerely appreciate the cooperation and patience of the readers as well as any helpful suggestions.

BUY MORE WAR BONDS

There is one thing more exasperating than a wife who can cook and won't, and that is the wife who can't cook and will.—Frost

The world is full of willing people: some willing to work, the rest willing to let them.—Frost

Woman would be more charming if one could fall into her arms without falling into her hands.
—Remy de Gourmont

Take care to get what you like, or you will end by liking what you get.—George Bernard Shaw

USO NEWS

This week's program at the Hampton Industrial will open on Sunday, May 14, with open house. On Monday, May 15, the bridge club will meet. The American Legion will meet on Tuesday, May 16. A dinner meeting and chess will feature the Wednesday, May 17, calendar. On Thursday, May 18, the movie "Along the Rio Grande", will be shown at 8:30. The week's program will close on Saturday, May 20 with open house.

COLLECTORS URGED TO HAVE REPORTS READY TO BE COLLECTED

Collectors of the LMAL Federal Credit Union are urged to have the collected money, collection sheets, and pass books ready to be picked up on the morning of the fifth day following every pay day. Betty Rodman, Duplicating, has been appointed to go around the Laboratory and collect this material from each collector, and it is necessary that this report be ready.

The credit committee meets for approval on loans on every Tuesday and Friday at noon. Any one wishing to make application may send it to collector before noon on the previous day.

SCOOPED AGAIN

E. C. Buckley of Instrument Research was married to Mrs. Mary Lynn Austin Benson of Newport News on Monday, May 8, at Old Point Comfort. Mr. and Mrs. Buckley are spending their honeymoon at Valley View Inn, Hot Springs, and on their return will make their home at 79 Cherokee Road.

"Buck" is to be not only congratulated for his marriage but also complimented for keeping it a secret in spite of the efforts of the 2500 LMAL spies.

HEIR MAIL: The stork has made another in a series of scheduled visits to PRT. Lucas DeKoster joined the rank of new papas when he became the father of a daughter, Sara Kay, on Wednesday, May 10.

SOFTBALL LEAGUE TO CHANGE NAME

At a softball meeting held recently at the Hampton Industrial USO, the representatives of the various teams voted unanimously to change the name of the NACA Softball League to the USO-NACA Softball League.

This action was taken in recognition of the support given the teams by the Hampton Industrial USO.

Spiked shoes were again barred from the league and all players are cautioned to wear only flat-soled shoes.

Girls' Softball

The Girls' Softball League will open its season officially with a game between the Structures and Aircraft Loads teams on Monday, May 15, at the Shell Bank diamond H. J. E. Reid will be present to throw in the first ball at 5 p.m.

There are 8 teams contesting in the League, the numbers and captains, or co-captains, of which are as follows:

1. Flight Research, Eleanor Johnson.
2. Fluid and Gas Dynamics, TDT, and 8-Foot, Diane Turk and Millie Devine, tentatively.
3. Tank-PRT, Harriet Bender and Millie Kicklighter.
4. 16-Foot, Nancy Wall
5. Structures, Evelyn McCuiston and Sybil Bateman.
6. AWT, Margaret Farmer and Eleanor McKinstry.
7. Personnel, to be elected.
8. Aircraft Loads, Dot Beadle and Athelda McCarver.

Diane Turk, Fluid and Gas Dynamics, has been elected Chairman of the Captains' Club.

The schedule for games has been set and is included below:

Week of	5-15	5-22	5-29	6-5	6-12	6-19	6-26	7-10	7-17	7-24	7-31
Day of week											
Monday	5-8	7-8		6-7	3-8	4-8	4-6	3-6		1-3	1-4
Tuesday	1-2	1-3	6-8	1-5	4-7	3-7	2-7	4-5	1-2	2-4	2-3
Wednesday	3-4	2-4			1-6		3-5		3-4		5-8
Thursday	5-6		1-4	2-6	2-5	1-8	1-7	5-8	5-6	6-8	6-7
Friday		5-7	2-3				2-8		7-8	5-7	

GIRLS' AND BOYS' SPORTS

In the second week of the softball league, 19-Foot Pressure Tunnel, Flight Research Division, Structures Research, AWT, Tank, 8-Foot High Speed, Full Scale, and 19-Foot Pressure Tunnel trounced Engineering Section, Stability, Low Turbulence, IRL, PRT, ALD, Engineering Section, and Stability, respectively. 19-Foot Pressure Tunnel is leading the league with two victories to their credit and no defeats.

Softball Standings:

Pos.	Team	Won	Lost	Pct.
1	19' Pressure (14)	2	0	1.000
2	Flight Research (13)	1	0	1.000
2	Structures (8)	1	0	1.000
2	AWT (6)	1	0	1.000
2	Tank (5)	1	0	1.000
2	8' High-Speed (4)	1	0	1.000
2	Full-Scale (3)	1	0	1.000
8	Low Turbulence (7)	0	1	.000
8	Instrument Research (9)	0	1	.000
8	PRT (10)	0	1	.000
8	Aircraft Loads (11)	0	1	.000
12	Engineering Section (1)	0	2	.000
12	Stability (2)	0	2	.000
14	East Area Shop (12)	0	0	.000

Games scheduled for next week are: Monday, May 15, Stability versus 8-Foot High Speed and Engineering Section versus Tank; Wednesday, May 17, 19-Foot Pressure Tunnel versus Full Scale and Flight Research versus Low Turbulence. East Area Shop will vie with Low Turbulence on Thursday, May 18, and on Friday, May 19, ALD will battle with Structures, and PRT will meet the Instrument Research team.



Representatives of various softball teams. Left to right, front row: Dot Beadle, ALD; Sybil Bateman, Structures; Evelyn McCuiston, Structures; Margaret Farmer, AWT. Back row: Millie Devine, 8-Foot; Nancy Wall, 16-Foot; Athelda McCarver, Impact Basin; Eleanor Johnson, Flight Research; Harriet Bender, Tank; Diane Turk, Fluid and Gas Dynamics.

HOW NOT TO SAIL

In March 1943 mid snow, rain, sleet, and unadulterated drear, three boys started cleaning, painting, sanding, and de-barnaciling a newly acquired sailboat for the coming summer. April 3 dawned, a pretty day with sunshine and a new 50-mile gale to replace the usual 80-miler. Nothing to do but launch the craft at 7 p.m.

Now our three heroes, known at the Lab as Kelley, Bennie, and Dick, were rather inexperienced and called in the re-knowned skipper. Clarence G. Prospere, to supervise activities on the igh seas. Preparations were made! Four layers of clothing covered each mate and the happy little crew disembarked midst cries of "Bon Voyage" and the less refined "Happy Sailin'".

Each of our heroes took his turn at the rudder under the able tutorage of the Skipper. Smooth sailing was rather monotonous, however, and so the Skipper took over to demonstrate some of the finer points of sailing.

It was 7:30, four sailors roamed the sea, the sky was covered with darkness, the wind accelerated to 60 miles an hour, then 70. then! It was 7:32, four swimmers roamed the sea, the sky was covered with darkness. Anyway one looks at it, it was a most embarrassing situation.

An army boat came steaming out of Hampton Creek to the scene of disaster, one and one-half miles off shore, and heard,

"Hey, Dick, where're you going?"

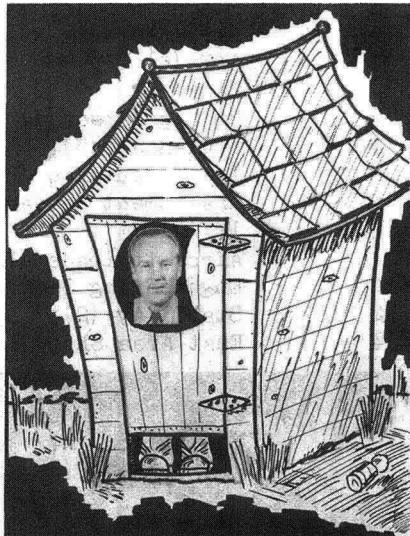
"I'm swimming ashore!"

"Well, why not get rid of some clothes?"

"What the, think I wanna get cold?"

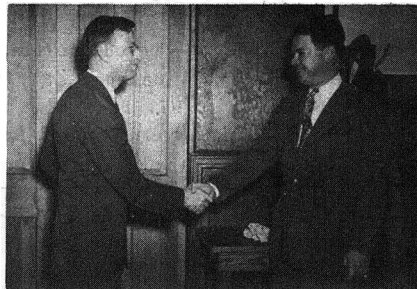
The able-bodied, 18-year old Major who was in charge on the army boat immediately took the situation and pen and paper in hand and demanded in broken voice the autograph of the miracle-diver who performed a 9-point swan from the peak of the mast. At that moment Kelley almost drowned.

After a formal interview of 15 minutes' duration, the four sea-soaked wonders were dipped from the deep and hauled aboard. A small rendezvous at the Yacht Club followed where tea, crumpets, and other heat-giving liquids were the main dish. The boys became quite happy soon, and four excruciatingly painful headaches were the only evidence of the actual contact with the foaming brine.



A.T. MATTSON
YOUR BUSINESS SOLICITED
G.I. EXPERIENCE

Although Axel was not a member of the Military Police or the Kitchen Patrol, it is obvious that he was patrolling.



FAREWELL: The above pictures were taken at the farewell party given recently at the "Hi-Hat" for Dave Buchanan, who has left the Lab to go into the Army. Guests included Mr. and Mrs. Elton W. Miller, W. Kemble Johnson, and friends of the depart-

BRAIN BUSTERS TO HOLD MODEL CONTEST MAY 28

At the last meeting of the Brainbusters, the rules and regulations for the May 28 gas model contest were decided on. It was decided that an entrance fee of 75 cents would be charged and that the first prize winner would receive the Reiser trophy plus 50 percent of the total of the entrance fee, second place would receive 30 percent, and third place 20 percent. Each model will be allowed a ten second motor run and the number of flights will be unlimited. The winner will be determined by the highest total of the three best flights. Brainbuster rules for 1944 will govern the ships. Dick Everett will act as contest director.

Through an error in flight tabulations at the recent glider meet, Ed Swansey, East Machine Shop, was not credited with fifth place.

Frank "The Challenger" Cisco has already served notice that he intends to win the May 28 gas meet; however, he refuses to disclose any information in regard to his ship. Frank Vollrath is back in the meet after a year's absence and he claims that he has a 385 square inch Brown job coming off the line shortly.

Another meeting of the Brainbusters will be held Sunday, May 14, at the Hampton Industrial USO. All members are urged to attend.



ing inductee. In the picture on the left, W. Kemble Johnson is shown congratulating Dave Buchanan on his new assignment, and in the picture on the right Phoebe Martens is shown accompanying herself at the piano.

LIFE AT THE LABORATORY

PARTIES: The Fourth Department Dance held at the Chamberlin Country Club Saturday night, May 6, was a big success. Employees are eagerly awaiting the announcement of the next event....The Free Spinning Tunnel had another of its skating parties Wednesday night, May 10, at the Stuart Garden skating rink.... Ernestine HacsKaylo, 16-Foot Tunnel, entertained at a bridge party Saturday night, May 6, for her two sisters who were visiting her....The Property Office and W. A. Leave Clerks, had a surprise birthday party for Floreine Bonnaville during lunch hour Monday, May 8. Dickie Creech, Messenger, entertained guests with her version of "Happy Birthday". . .A group from Aircraft Loads had a picnic at Buckroe Beach on Thursday, May 4, for Dorothy Boardman, who plans to return to her home in Pittsburgh.

HERE AND THERE: Bertha Tallman, PRT, is visiting her home in Brooklyn.... Ed Howe, Assistant to Administrative Officer, is vacationing at his home in Syracuse.... Margaret Young, Head of Personnel Files and Records, is in Washington for the week.... Evelyn Smith, Blueprint, is visiting in Pennsylvania.... Dorothy Kelton, Photo Lab, is in New Orleans on a special visit.... Ruth Miller, Editorial Office, is visiting her home in Centre, Ala. . .Marvis Myers, Stenographic, has returned from a visit to Greensboro, N. C.... Viola Ohler, head of Editorial Office, has returned from a visit to her home in York, Penn.... Eloise Lada, Apprentice Administration has returned from a visit to her home in Crafton, West Virginia.

ILL WINDS: Fred Imley, Stability Tunnel, has been out for several weeks with a leg injury received while working in his victory garden.... Nona Sheets, TDT, is back at the Lab after undergoing treatment at the Dixie Hospital for a throat infection.... Margaret Swanson, Stability Analysis, is back at work after recuperating from injuries received while horseback riding.... De Elroy "Birds' Eye" Beeler, ALD, is in the Marine Hospital in Norfolk with a broken ankle. He acquired his new nick-name when his leg had to be packed in ice.

ROMANCES: Henry Allen Smith, East Machine Shop, was married April 20 to Elizabeth Frobes of Cumberland, Md.... Barbara Allen Moss, 16-Foot Tunnel, is engaged to Jim Mulvey, Curtiss Wright Representative. The wedding will take place sometime in May.... Vernon Ward, 16-Foot, will marry the girl from back home on June 25.

VISITORS: Gene Hicks, formerly of the West Sheetmetal Shop, recently visited the Laboratory. He has completed his Basic Training at Camp Peary.... Richard Giersch, formerly of the West Sheetmetal Shop, visited the Lab last week.... Jim Kelly, Washington

Office, visited the Lab last week and attended the Fourth Department Dance.... Percy Garrington, formerly of the 19-Foot Tunnel, now of the Amphibious Forces, visited the Lab on May 8.

VACATION RHAPSODIES: Sally Mills, AWT, spent last week-end at her home in Rocky Mount, N. C.... Polly Pollard, Impact Basin, spent last week-end in Richmond.... Rene Rhodes, AWT, made her first visit to the Old North State last week-end.... Wesley Tannenbaum, Impact Basin, spent the week-end at his home in New York.... Margaret Corbett, Stability Tunnel, is visiting her grandparents in Raleigh, N. C.... Lillian Woods, Impact Basin, has left the Lab to return to her home in Mississippi.... Becky Boykin, AWT, has returned after a two weeks' vacation at her home in Mississippi.... Rowina Daniels and Sara Whitely, 8-Foot, have returned from a long week-end in New York.... Jack Nielsen, Full Scale Tunnel, returned from a week-end in Philadelphia.... Hack Wilson, Head of Full Scale Tunnel, is visiting his mother in Jackson, Miss. . .Harold Levitt, Engineering Section, has returned from his home in Philadelphia.... Louise Paul, AWT, visited her family in Pike Roads, N. C.... Wilhelmina Strowd, Engineering Section, spent last week-end in Richmond.... Bob Liddell, AWT, has returned from a visit to his home in Watertown, Conn.... Wilmont Wagner, W. Machine Shop, has gone to Philadelphia to visit his Army brother.... Tommy Kurtyka, W. Machine, and wife are vacationing in Pittsburgh.... Helen Cowling, Construction, is visiting her home in Indiana.... Edward Griffin, W. Machine Shop, left Thursday, May 11, for the Army.... Jack Powers, Engineering Section, is back after a visit to Kentucky.

MISCELLANY: Martha Willis Tamm has returned to the Lab and is again working for Tom Hulcher.... Harriett Eisenberg and Diane Turk, Fluid and Gas Dynamic Analysis, are suffering muscular pains since their walk to Buckroe and back.... Leon Kincaid, East Machine Shop, is back after two weeks in Key West, Fla.... Bert C. Deis, E. Machine, is back from a visit to Denver.... Frances Moore, Tank, and husband spent last week-end at Virginia Beach.... Robert Olson, Tank, is visiting his home in Minnesota.... Mary Goodloe and Wilfred Kelley, Tank, are visiting Mary's home in Crozet.... Evelyn Bowers, East Computing, spent the week-end at her home in Sanford, N. C.... Ralph Avakian, 19-Foot, is visiting his home in Troy, N. Y.... Joe Pavlosky, Project Engineers, is visiting his home in Eastern Shore, Md.... Doris Nichols, L. Purchase, is visiting her home in Wheeling.

ENGAGED: Byron Buntin, Dynamic Model Shop, recently became engaged to Elizabeth Parkam, also of the Model Shop. Wedding plans are pending Elizabeth's recovery from mumps.

Service Notes...

GREEN COW DANCE MAY 19

Since the last call in the January 29-February 4 issue of the Bulletin for contributions to the service men's kitty, the mailing list has increased from 18 addresses to 63. This means that \$1.89 is needed each week to send Bulletins to these men. Again we are asking for help. From the many letters received from the boys expressing their thanks, it is evident that this favor is appreciated, so try to find a few extra pennies and send them in to the Bulletin Office, Room 201, Administrative Building.

From Somewhere in New Guinea

John S. Harrington writes from somewhere in New Guinea to tell something of his life there. He says, "Living in five-man tents, sleeping on mosquito net-covered cots, and eating from mess kits in the mess hall is a resume of the daily life". He writes that U. S. currency is considered foreign money and only Australian money is used. The names of the various coins include: threepenny piece, which is equal to four cents of American money; sixpence, equal to six cents; a shilling, equal to sixteen cents, and the florin or two-shilling piece, equal to thirty-two cents. Bills include the reddish brown ten shilling or half pound note, which is equal to \$1.60 in American money, and the green pound note, equal to \$3.20.

Robert Hill Sends Greetings

Robert G. Hill, former employee of Full Scale Tunnel and East Machine Shop, writes to express his appreciation to LMAL employees for making it possible for him to keep in touch with the activities here at the Laboratory through the LMAL Bulletin. He wishes to thank each individual who has contributed to this cause. He also sends greetings to all his friends and says that he would like to hear from them. Bob has just completed his Pre-flight training and will soon go to Primary Pilot school. His present address is: A/C Robert G. Hill, Class 44U, Squadron 32, Group D, (Pilot), S.A.A.C.C., San Antonio, Texas.

Don't forget the Green Cow Dance Friday night, May 19, at the Hampton Armory. The Southerners are furnishing the music and tickets may still be purchased from members of the committee.

OFFICIAL NEWS

Safeguard Military Information

It has been brought to the attention of Laboratory officials that a few engineers are working on and discussing rather freely their Laboratory assignments at the Hampton Industrial USO, which is open to the public. Because most of the work at LMAL deals with confidential research, any such practice is considered a violation not only of Laboratory rules and regulations but of Army regulations. The assignments discussed may not have included any classified or confidential material; it is inadvisable, however, that any Laboratory assignment be mentioned in a public place.

The following regulations concerning the safeguarding of military information are quoted from the Army Regulations and the Administrative Regulations of the National Advisory Committee for Aeronautics:

Army Regulations-380-5, March 15, 1944:

Section 20 (c): "Either public or private discussion of classified military information with or in the presence or hearing of any person not authorized to have knowledge thereof is strictly forbidden."

Administrative Regulations for the National Advisory Committee for Aeronautics:

Section 54: "Restricted and confidential library material and official correspondence shall not be taken from the Laboratory without the approval of the head of the Laboratory or Administrative Officer. Copies of, or excerpts from, such documents shall not be made without similar approval."

Section 74: "All information concerning the activities of the Laboratory, not only with regard to the research program being carried out, but also with regard to equipment, structures, personnel, or any information concerning the operation of the Laboratory, must be treated as strictly confidential and should not be communicated by speaking or writing to individuals outside the Committee's employ."

Section 75: "Evidence of improper disclosure of information will lead to immediate dismissal of the employee concerned."

A Digest of the Administrative Regulations, April 1, 1944:

Security: "No official correspondence, data, or photographs may be taken from Laboratory without approval of the head of the Laboratory... Information regarding activities of the Laboratory is strictly confidential and must not be disclosed to unauthorized persons..."

Any person violating these rules and regulations, under the Espionage Act, 50 U. S. C., 31 and 32, will be subject to imprisonment or a fine up to \$10,000.