BULLETIN







LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 4, Vol. 3

Langley Field, Virginia, January 22-28, 1944

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MCAVOY CHANUTE

The NACA was in the limelight Jan. 21 at the meeting in New York of the Institute of Aeronautical Sciences.

William H. (Bill) McAvoy, former chief test pilot at the Langley Laboratory and present chief test pilot at the Ames Aeronautical Laboratory at Moffett Field, Calif., became the third NACA employee or former employee to receive the Octave Chanute award "for long continuous service in the flight testing of experimental aircraft".

Two years ago the award went to Melvin N. Gough, LMAL's Flight Research Division chief. First person to receive the honor was Edmund T. Allen, this Laboratory's first test pilot, who died last mid-February in a Boeing Flying Fortress which crashed on a test flight in California. Other winners were Howard Hughes and the most recent before McAvoy, W. A. MacClair.

McAvoy went to Ames two years ago after 18 years of service at Langley Field, during which he logged several thousand hours of flying time.

Among those from the Laboratory who had planned to attend the meeting were H. J. E. Reid, John W. Crowley, Gough, Clint Dearborn, John V. Becker, Joseph Shortal, and James M. Benson.

WINDY: NACA was the first aeronautical organization in the world to operate a fullscale wind tunnel.

BOND CITES IMPORTA LMAL APPRENTIC

Pointing out that "the future of America belongs to the air," James H. Bond, deputy executive director of the War Manpower Commission, said at the Apprentice graduation exercises Jan. 20 at the Langley Field base theater that America "is fortunate indeed to have had the wisdom and foresight of the National Advisory Committee for Aeronautics who planned this institution. And we are fortunate in having the engineering genius, the administrative talent and the skills to carry out all and more than was expected by the original planners."

Apprenticeship Pays

The 32 members of the LMAL Apprentice graduating class heard the Federal official declare that, "it is very fortunate that the management here at NACA wisely decided some years ago to establish an apprenticeship program. By so doing you took the 'hit or miss' out of training. You put your apprentices on a scheduled program of work experience, and

WAR LOAN CAMPAIGN BEGINS

in the Fourth War Loan Drive solicitors than have been used is now well underway in the previously have been selected, capable hands of Joe Kotanchik in order to keep from overof the Structures Research loading anyone and dragging out Division who handled the Third the drive. It is hoped to have War Loan Drive in the West active solicitation concluded Area last September.

assistants in the three areas of the Laboratory, Ira. H. Abbott, Assistant Chief of the Full Scale Research Division, in the Full Scale Tunnel Area; Percy Crain, Chief of the Mechanical Services Division, in the Administration Building Area; and Gordon Fisher of the Structures Laboratory staff,

in the West Area.

The nationwide drive will continue from Jan. 18-Feb. 15, however, Mr. Kotanchik has expressed a desire to have the campaign at the Laboratory a

The Laboratory's campaign short one. A larger number of in about a week. However, all Mr. Kotanchik has as his employees will be able to buy bonds for cash at the Bond Office at any time after solicitation stops.

> No official results could be obtained as this edition went to press, however, it is felt that a sizeable start has already been made because all bonds purchased during the month of January will be counted in the total. Anyone who has bought a bond outside of the Laboratory during the month of January may have it applied against the total here by getting a transfer of credit slip from his solicitor.



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
Managing Editor . . . E. McKinley Hutton
Associate Editor. . . . Ruth Angel
Art Editor. Ben Vogel
Reporters LMAL Employees

We Congratulate The Graduates

Congratulations to the 32 members of the Apprentice graduation class, who received certificates at impressive ceremonies held Thursday at the Langley Field base theater. It was the culmination of long, arduous labor and study for all of them.

Said Charles A. Hulcher, Apprentice Administrator, who cited them as an outstanding group of the Laboratory's mechanical workers:

"They are studying on the job and producing vitally essential war work, often contributing directly in the engineering field. All of their related study has been accomplished on their own time...They have sacrificed a great deal of personal pleasure to regularly attend the required classes and have spent many hours in outside study".

Although their work has only just begun, these 32 young men can at least bask in the pleasant realization that their efforts were for a purpose: At a time when the final victory apparently depends so much on air power, the knowledge and the skill which they have attained will be a lasting contribution to the progress of the aeronautical sciences.

* * *

Forty-nine Weeks To Go

With the New Year just getting under way, we would like to impress upon Laboratory employees the story about James Blanchard "Lefty" Forrest of the Maintenance Section, who believed so sincerely in saving some of his leave for "a rainy day" that he missed 13 weeks from work in 1938 as a result of an automobile accident and never lost a day's pay.

"Lefty's" example is not an isolated one. There are others at the Laboratory with just as admirable a record. But his case has come to our attention and we mention it in the hope that many employees will realize that though the regulations allow us a certain number of days leave during a calendar year, common sense dictates that we ration our leave wisely. Remember: we've got 49 more weeks to go and that's a long time.

BACK THE ATTACK

BUY

WAR BONDS

U. OF VA. PLANS NEW SEMESTER

Seven courses are expected to be offered next semester by the Engineering Science and Management War Training Committee of the University of Virginia, for Laboratory employees. Courses now under way are scheduled to end during the week of Jan. 30, and the new semester will probably start the following week or two.

The courses to be offered next semester are:

Aerodynamics of Power Plant Installations.

Precision of Measurements.
Aerodynamics of Compressible Flows.

Appreciation and Prediction of Flying Qualities.
Pre-Engineering Physics,

Fundamentals of Aeronautical Engineering, Part II. Advance Mechanics and

Materials, Part II.

Part II.

All the courses will be given on Tuesday or Thursday nights at Hampton High School between 7 and 9 p.m., except the Pre-Engineering Physics, Part II. which will be given at the Laboratory in the afternoon.

Persons interested in these courses will register through their section heads as was done last under arrangements to be announced later.

* * *

NEW LEAVE REGULATION
IS PUT IN EFFECT

The one calendar week maximum limitation on annual leave was lifted, effective last Tuesday, Jan. 18, and the limit which may be granted at one time set at 12 days. This new regulation, coming from the office of the Engineer-in-Charge superceded the previous limitation which had been placed April 8, 1942.

As in the past, exceptions can be made to the rule in emergencies. All exceptions however, must have the prior approval of the Engineer-in-Charge.

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PLAYERS FOOTBALL

As a post season finale to the Laboratory's touch football league, which concluded its schedule last month, the members of the nine teams selected an all-star team.

John Blank, who captained the Engineering Section's champs, received the most votes of any player selected for the first team and was Back thereb, named captain. Walt Williams, stellar guard for the Flight Research team topped all the linemen with 50 votes. Blank, who played in the backfield, got 60 votes. The only other player who got more than forty votes was Nick Mastrocola, PRT's "one man backfield", who received 47.

Engineering led all teams by placing five men on the squad of three teams. In addition to Blank, Irwin Schumacher and George Sadler made the first team, and Bob Nutter and C. T. Brown made the third. FRM was the only other team to get more than one first team berth, placing Jack Reeder in addition to Williams. Fill Craig gained the second team center position. The 8' High Speed Tunnel placed four men on the squad, none of whom made the first team. Of the four Redmon and Luoma made the second team and Mattson and Vincke were on the third.

LMAL BASKETBALL LEAGUE MAY BE ORGANIZED SOON

Tentative plans are being made to organize a LMAL Basketball League.

A complete list of those interested has not yet been obtained. All sections interested in participating should submit their list of players immediately to Pete Korycinski, 16-foot High-Speed Tunnel.

It is necessary to have a complete list of players, as ROOM mulated.

	Position	Player	Team	Votes
	End	Dave Ochiltree	Structures	27
	End	George Sadler	Engineering	24
	Guard	Walt Williams	FRM	50
	Guard	Carl Cecil	West Shops	24
Section .	Center	Bruce Amole	Tank ,	32
	Back	John Blank, Capt.	Engineering	60
	Back	Nick Mastrocola	PRT	47
	Back	Jack Reeder	FRM	28
	221 12	The state of the s	and the second s	

Engineering

First Team

Third Team Second Team

Irwin Schumacher

Nichols	PRT	21	End	Kinzler	West Shops	17
Boughan	Structures	20	End:	Vinc ke	8' H.S.T.	14
77			ogr. In	Jarvis	Tank	14
Redmon	8' H.S.T.	22	Guard	Nutter	Engineering	20
Westfall	AFR	23	Guard	Moscater	West Shops	11
Craig	FRM	28	Center	Turner	AFR	18
Daum	AFR	23	Pack -	Cartabiano	16' Tunnel	17
Luoma	8' H.S.T.	20	Pack	Bartone	Structures	17
Korycinski	16' Tunnel	19	Back	Brown	Engineering	16
Hacskaylo .	Tank	18	Back	Mattson	8' H.S.T.	15
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S. Charles	10.00	A THE PERSON NAMED IN	T. P. S.	A CONTRACTOR OF THE PARTY OF TH	

Honorable Mention (all over five votes): Ends: Henry, 8' HST; White, FRM; Lindell, Engr.; Taylor, Shops; Deis, Engr.; Walters, Tank; Kleckner, FRM; Kabana, Engr. Guards: Vollo, PRT; Daniels, 8' FST; Nagel, Engr.; Turner, 16' T.; Rossman, Struc.; Jevas, Engr. Centers: Dekoster, PRT; Forrester, 8' HST; Taub, Shops; Rosen, Engr. Backs: Matthews, FRM; Fedziuk, 8' HST; Cohen, PRT; Corson, 16'; Freihofner, Tank; Brown, AFR; Santi, Tank; Everett, Shops; Neff, Struc.; Marchal, Engr.; Hart, FRM; Kurtyka, Shops; Little, Shops; Panz, Shops.

GENIUS, INC., BOWLERS WIN FIRST

Genius, Inc., proved its brilliance in the first round of the Stability Division Rowling League by coming out on top. The Free Flight Tunnel entry was just a shade ahead of AWT's Wreckers.

Honors for high men's averages go to Marvin Schuldenfrei, Les Schneite, Buster Seacord, and Red Neihouse. Women's honors were won by LaVerne Priddy, who started off the second round with a 112 game; Mary Anne Campbell, Esther Draughn, Kitty White, and Margaret Farmer.

Team standings for the first round:

Team -	Section	Won	Lost	Pct.
Genius Inc.	FFT	12	6	.667
Wreckers	AWT	11	7	.611
Spinners	Spin Tunnel	10	8	.555
PH-F-F-Ts	FFT	9	9	.500
Bamber's Bombers	Stab: Tunnel	8	10	.445
Tumblers	Spin Tunnel	7	11	.389
Soule's Stable Boys	Stab. Tunnel	6	12	.333

AVAILABLE FOR CONFERENCES

Office, may now be used for ist, Miss Marijean Saunders.

well as the name of one person The private dining room, conferences and similar types who will act as a representa; which is located on the first of meetings. tive for the various sections, floor of the Administration All arrangements for the b, next week in order that Building in the place formerly use of the room must be made definite plans may be for- occupied by the Electrical in advance with the Reception-



Charles King, Aviation Leonard Richardson Metalsmith; Birthplace: Draftsman; Birthplace: Sanford, N. C.



Newport News, Virginia



John E. Doyle, Draftsman; Birthplace: Holton, Kansas



Harold I. Maxwell, Draftsman; Birthplace: Champaign, Illinois



Paul J. Boeger, Drafts- Gordon Cheesman, man; Birthplace: Topeka, Kansas



Modelmaker; Birthplace: Machinist; Birth-Bradford, Penna.



Otto F. Trout, place: Pittsburgh, Pa.



Joseph Pavlovsky, Draftsman; Birthplace: East Morris, Conn.



James T. Poe, Machinist; Birthplace: Hampton, Virginia



Frederick Breisch, Machinist; Birthplace: Dubois, Penna.



Harry C. Shoaf, Draftsman; Birthplace: New York City



Theodore Elder, Machinist; Birthplace: Homer, New York.



Fred Chalfont, Modelmaker; Birthplace: Shinnston, West Va.



Metalsmith; Birthplace: maker; Birthplace: Aliquippa, Penna.



Joe Shematek, Aviation Charles C. Nagle, Model- Theodore W. Schindler Baltimore, Md.



Modelmaker; Birthplace: Baltimore, Md.



Charles M. Chambers, Machinist; Birthplace: Baltimore, Maryland



Joseph V. Boyle, Modelmaker; Birthplace: Toolmaker; Birth-Corapolis, Penna.



Roland Tully, place: Newport News



Howard Ferrall, Aviation Metalsmith; Birthplace: Red Lodge, Montana



Francis Dreisback, Instrument Maker; Birthplace: Columbus, 0



Earl L. Councill Jr., Draftsman; Birthplace: Hampton, Virginia



Richard A. Everett, Machinist; Birthplace:



Frank R. Dies, Modelmaker; Birth-Wheeling, West Virginia place: Denver, Colo.



Andrew Veryzer, Machinist; Birthplace: Islip, New York



Bert C. Deis, Machinist; Birthplace: Denver, Colo.



John A. Demonaco, Modelmaker; Birthplace: maker; Birthplace: Lawrence, Mass.



Walter H. Lane, Model-South Portland, Maine



Joe W. Dodson, Modelmaker; Birthplace: Greenville, S. C.



Anthony P. lanuzzi, Machinist; Birthplace: Queens, New York.



William J. Carroll, Draftsman; Birthplace: DuBois, Pennsylvania



David Wasserman, Aviation Metalsmith; Birthplace: New York

32 APPRENTICES GRADUATE

(From page 1)

you arranged classroom studies for them in the theories and sciences related to their work. Planned Apprenticeship pays. It is one of the best investments any plant can make whether the plant is run by the government or by a private employer.

Commending the graduates for their persistence in finishing the prescribed course and thereby gaining "a solid foundation to build on", Mr. Bond mentioned that "America has found in this war that the strength of the nation depends upon the skill of its people."

Skills Are Valuable

He declared that no one is wise enough to write a blue-print for the postwar world. "But I have a conviction that the facts of the postwar world--the postwar American world--are likely to be built more upon the character of the American people than upon the plans men draw on paper." He pointed out that the skills of the graduates will be valuable not only in producing vitally essential war work, but in shaping the postwar world.

Mr. Bond was introduced by William F. Patterson, of the Apprentice Training Service, who praised the Apprentice school here and cited them for having "set an example for the whole country."

Reid Opens Program

H. J. E. Reid, Engineer-in-Charge, opened the program. Elton W. Miller, Chief of the Administrative Department, offered the invocation and the benediction. Ira Ramsey, an apprentice in the Engineering Section, spoke briefly on behalf of the student body; and Harry C. Shoaf, an engineering design draftsman, spoke for the graduates.

Others who participated in the program were Linscott Ballentine, State director of trade and industrial education, who introduced E. M. Claud, special agent of the apprentice training service. Claud inducted a group of new apprentices. Charles A. Hulcher, Apprentice Administrator, presented NACA certificates to the graduates, and E. D. Henry, of the apprentice training service, awarded Federal Committee Certificates to the graduates.

Guests Introduced

Mr. Reid introduced those on the speakers' stand. They included Col. E. A. Lohman, commanding officer of the Air Base; Major Tillet, executive officer; Col. Carl F. Greene, materiel command liaison officer; M. Wright, in charge of apprenticeship training at AERL; Philip S. Van Wyck; C. Alton Lindsay, superintendent of Elizabeth City County schools; Luther W. Machen, local director of the War Training Program; Ernest Johnson, chief of the Technical Service Department; S. Walter Hixson, Jr., assistant Apprentice Administrator; John W. Crowley, head of the Research Department.



In preparing figures for reports, MAKE LINES SUFFICIENTLY HEAVY

BOND RECORD

The Laboratory's percentage in the payroll bond allotment plan fell off slightly in December from its high peak in November. In December, 96.64 percent of the employees alloted 13.31 percent of their pay for bonds while in the preceding month, 97.59 percent allotted 13.69 percent.

The total allotment, however, was the highest for the year, \$62,304.67, as was the average allotment of \$27.75.

The gross payroll for December was \$467,998.32 and there were 2323 employees on the payroll, 2245 of whom participated.

* * *

FOUND: One man's brown leather, furlined glove; one pair of men's black leather, feltlined gloves; one pair of women's brown gloves, leather backed; one bright green woman's kerchief. These articles were found and turned in at the LMAL Bulletin Office in the Administration Building and are awaiting their owners.

There is no virtue so truly great and godlike as justice.

—Joseph Addison

Safety Aces

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NEVER FORGET THAT
THERE ARE MANY WORKERS
ABOUT THE LABORATORY
WHO ARE INEXPERIENCED
AND DO NOT KNOW WHAT IS
DANGEROUS OR WHERE THE
DANGER LIES

WATCH FOR UNSAFE PRACTICES AND IF YOU SEE A FELLOW WORKER TAKING A CHANCE WARN HIM SO THAT HE WILL REALIZE THE DANGER.

NO.

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NACA CITED

In an article in the January issue of Aviation magazine on the "NACA, the Force Behind Our Air Supremac,", is the information that it costs America more than \$20,000,000 for one night's bombing of Berlin as compared to \$17,546,700 required by the NACA for this year's work.

The establishment of the NACA was described in the article as "one of the most far reaching pieces of legislation, so far as the destiny of our country was concerned," that has ever been adopted by Congress.

1926 Momentous Year

The article described the early days of the NACA and cited 1926 as the year which marked the time when the NACA, with more than a half million dollars appropriated for its operation, could really augment its effective work.

During 1926 "investigations were made for the Army on various types of wing sections; experiments were made concerning directional guidance of airplanes by radio beams from the ground; tests were made of duralumin for aircraft; fuel injection was not only studied but was reported on to the general be nefit."

America Forges Ahead

While "European airliners sat on the ground during the hours of darkness, all the airlines in America drafted and flew their schedules regardless of the hour of day or night. It was not to the men in the air that most of the credit was due -- though they were of the world's finest-but to the men on the ground, the experimenters, the foreseers of the higherto unforeseen, who made possible the tremendous achievements of American aviation." the article said.

who composed it had not only welfare.

AT THE LABORATORY

WEDDING BELLS: Annie Brown, Payroll, is settling down to married life now. She and Lieut. Lee May were wed in Harrisonburg, Penn., on Jan. 10.

PROUD PAPAS: Rússell Noell, Engineering Section, was passing out cigars and a big smile recently. He is the proud father of a son, Edward Moore.....Congratulations to Charlie Donlan, Project Engineers. He is another proud father of a new son.

WELCOME BACK: The File Section is glad to have Peggy Darnley back. She has returned to the Lab after several weeks absence....Audrey "Ace" Campbell of Charlottesville brought life back to the Peninsula last week-end. She visited the Lab and Roy Lange. The former "songbird" of the Editorial Office will become a permanent fixture at the Laboratory again on Feb. 1.

GETTING WELL: Ruth Perryman, Personnel Office, is convalescing from a recent appendectomy.

ENGAGEMENTS: Sarah Whitley, AWT, is flashing a new diamond. It's from the Navy....John V. Ankeney, Jr., Research Division, and Mary Elizabeth Ervin, of East Bank, West Va., are planning a June wedding.

PARTYING: The boys of Club 55 had a party last Saturday night in honor of Frances Winder and Jack Reeder, whose marriage will take place Jan. 26.... The Club Chippydale met recently at the home of Mr. and Mrs. George W. Poythress. Guests included Mrs. Lada, Jean Posthress, Bertha Tallman, and Clint Eugene Brown. It was the club's second meeting and Brown was taken in as a new member. Other members include Ben Cleveland, Frank Parmenter, Bob Stuard, Bob Storback, Leigh Lewis, Joe Lada, Jack Kinzler, Bill Poythress.

FAREWELL: Reproduction sadly bid tall, blonde, and the talented illustrator Marge Patterson goodbye during the past week. Her artist husband, who decorated Service Club No. 1 at Langley Field, has been transferred and Marge, who has been here seven months, is returning to Michigan and advertising business.... Elda Simpson, East Area Engineering Section, has left the Lab to join her husband, who has been transferred to California

VISITORS: Dot Wiggins, formerly of LMAL and later of AERL, spent several days recently with Mary Lou DuVal, Stability Anne Stowe, formerly of the Editorial Office, was a recent guest of Georgia Dees, 16-foot Tunnel.

MISCELLANY: Raymond Rosen, Engineering Section, has returned after a visit to his home in Hartford, Conn....Jerry Hilton, AWT, is back from a trip to her home in Wytheville Virginia Finch, AWT, and Mr. Finch, Machine Shop, spent a few days at their home in Kinly, N. C....Bill Letko, Stability, is visiting his home in Watervliet, N. Y.

ILL WINDS: Clyde Lumpkin, Chief Clerk, has been ill for the past week.... Kenneth B. Smith, East Model Shop, has gone to his home in Iowa Falls, Iowa, for medical attention.

SKY GIANTS: Two hundred and fifty ton planes are predicted by aeronautical experts to be a reality for the not-toodistant future.

The Committee had come a justified its existence, they long way since 1915, the had made it an indispensible article commented, and the men component of the national

American business, free labor and free agriculture have built within these two years a far greater war machine than Hitler's dictatorship built in ten years. Every day we grow stronger and we can now see ultimate victory. It may be a long, hard, costly struggle, but we are going to win.

—Frank Gannett

RECRUITERS ARE WELL RECEIVED

The 12 Laboratory employees | Carolina, Hendersonville, who have gone into the field as special recruiting representatives of the U.S. Civil Service Commission have reported that they have been very cordially received in the cities where they will be stationed for the next several weeks and that they have received fine cooperation from local agencies in making contacts and getting necessary publicity.

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

By a special arrangement with the Norfolk Navy Yard, whereby each agency will assist the other in recruiting, 48 other special representatives are stationed at the following cities in the Fourth U. S. Bill Cowling, Construction

Waynesville, Morganton, Lenoir, Hickory, Statesville, Shelby, Rutherfordton, Lexington, Asheboro, High Point, Mt. Airy, Leaksville, Spray, Reidsville, Henderson, Rocky Mount, Tarboro, and Wilson; West Virginia, Huntington, Bluefield, Beckley, Oak Hill, Fairmont, Parkersburg, Morgantown, Elkins, Clarksburg, and Weston; Virginia, Bristol, Pulaski, Radford, Appalachia, Covington, Galax, Staunton, Winchester, and Charlottesville; and in Washington.

The combined groups are recruiting chiefly for mechanical personnel to fill the vast needs of the Laboratory. All Laboratory employees who have friends in any of the above cities who might be interested in employment are urged to write them and have them contact the special representative in their town.

All of the representatives are stationed either at the offices of the United States Employment Service or the Civil Service Commission. LOST: One dark blue Eversharp fountain pen, with name in gold. Reward for return to Civil Service Region: North Drafting, telephone 296.

IMPACT BASIN DEMONSTRATES

On Monday night, Jan. 10, the Impact Basin staged a demonstration of its work for the members of the Aircraft Loads Division and a few invited guests. Among the guests were L. K. Smull, representing the Washington Office, John W. Crowley, Jr., and Elton W. Miller.

Richard V. Rhode, Chief of ALD, acted as master of ceremonies and gave a brief speech commending the members of the Impact Basin staff on their fine work. He introduced Elton W. Miller who gave a brief survey of the origination and development of the Impact Basin. He congratulated the original members of the staff, M. E. Hathaway, Wilbur Mayo, Sid Batterson, and Margaret Steiner for carrying through the design to the point of operation of equipment. Mr. Miller also pointed out that the Impact Basin would become of great value in the solution of important seaplane design problems.

Marvin E. Hathaway, the section head, gave a concise explanation of the equipment after which a series of shots were fired, demonstrating the operation of the Impact Basin. The guests were then divided into several groups, each of which viewed different phases of the operation.

After the demonstration of the equipment, data from the first tests were presented. The evening was culminated with the serving of refreshments.

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LOST OR MISSING: One stand, typist, wood top, drop leaf, metal framework, olive green; top 19 by 9 1/2 inches, leaf 17 by 14 1/4 inches; 28 1/4 inches tall. Inventory No. 22998. Missing from warehouse sometime during December. Please communicate with David Buchanan at 252 if you know of the whereabouts of this stand.



THEY SAY THE RAINY SEASON DOESN'T START UNTIL SPRING"