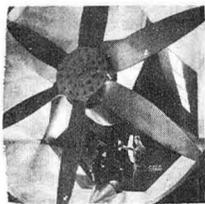


LMAL BULLETIN



LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 29, Vol. 3

Langley Field, Virginia, July 8-14, 1944

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BOND SALES MAY REACH QUARTER MILLION MARK

Cash Sales Nearly \$90,000; Truscott Commends Workers

Continuing the record set in previous drives, the Laboratory's Invasion Load Campaign has been assured of going over the top, with cash sales totalling \$89,680.75 Thursday noon. This amount represents \$6,224.54 over the cash quota.

The total quota for the drive was set at \$219,106.39 which equals 40 percent of the April payroll of the Laboratory. Of this amount, \$136,054.18 was expected to be raised by payroll allotments during June and July; however, allotments for June totalled \$72,837.33. If payroll allotments for July rise like they should and cash sales continue, there is a good possibility that the grand total may reach a quarter of a million dollars.

This would be the largest amount ever raised at the Laboratory in any War Loan campaign. In September, 1943, through cash sales and allotments. During the Fourth War Loan, which was conducted during January and February of a total of \$159,754 was raised

(Continued on page 4)

Dave Ullman of the Photo Lab thinks that he has found the perfect solution for folks who couldn't afford to buy a cash bond during the Invasion Load Drive.

"Buy stamps", says Dave. "Use your small change from day to day and by the time the next drive comes around you'll have a large part of a bond already paid for."

Dave's idea is not new - the Treasury Department has been advocating it for a long time - but his way of going about it is. He is financing his scheme out of his own pocket and in three days he sold \$40 worth of stamps to the folks in the Reproduction Section.



Above is the committee which has guided the Invasion Loan Campaign at the Laboratory. They are, left to right, Percy Crain, Ira H. Abbott, Joe Kotanchik, and chairman Starr Truscott.



Among the unsung heroines of the drive are the staff of the cash bond office. The girls who have issued and delivered all bonds are, left to right, Kitty Parker, Lucette Biver, Mildred Waters, and Margarette Rogers.



The LMAI Bulletin is the official publication of the Langley Memorial Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Field, Virginia. It is published weekly in the interest of management and the employees. Contributions should be addressed to the Editor, Room 201, Administration Building, telephone 376.

Editor Tiny Hutton
 Managing Editor. Ruth E. Angel
 Associate Editor Audrey C. Lange
 Sports Si Diskin
 Reporters. LMAI Employees

PLAY ON THE WINNING TEAM

For a considerable time, the NACA led all government agencies having over 90 percent employee participation and more than 10 percent of gross pay allotted for bond purchases through the payroll plan. In November of last year, the combined laboratories and the Washington office had 95 percent of the employees subscribing 12 percent of their pay. LMAI had 97.5 percent putting 13.7 percent aside, leading all others.

Then, some new employees felt that they could not afford to subscribe to bonds and some old employees felt that they had to cut down or cancel their allotments. As a first result the NACA dropped to a lower place in the honor group of government agencies. Now, we have dropped out entirely. The figures read 88.9 percent of the employees and 10.98 percent of pay.

Now is the time to do something about it! It's easy to understand that there are additional expenses that keep some of us from buying to the extent that we would like, but are they such that they would keep us from subscribing the minimum amount, \$3.75 each pay day?

The virtues of bond buying to hasten victory and to side-track inflation have already been extolled. There is another that should be considered, organizational pride--the idea of playing on a winning team. Now is the time for a concerted effort to restore the NACA to our rightful place in whatever we undertake--at the top!

POLICY OF THE BULLETIN

The first issue of the LMAI Bulletin appeared on November 30, 1942 with J. P. Doyle, Jr. as Editor-in-Chief and with five active associate editors and one advisor. Since its beginning, editors have changed and the original policy has been slightly altered. With the introduction of a fourth editor, Tiny Hutton, formerly of Personnel Services, it seems fitting to state the policy of the Bulletin and to review its purpose.

The LMAI Bulletin is designed to be an official expression of management. In this capacity, it seeks to circularize information relative to policy, regulations,

and official announcements and to promote good relations between employees and management, among employees, and between the public, outside agencies and LMAI. The Bulletin is concerned with fostering good standards, educational and avocational interests and other matters affecting employee welfare and the efficient carrying out of LMAI objectives. Moreover, there shall be included topics of current interest, news of Laboratory recreational and social activities, and announcements of local activities in which LMAI employees participate that are of interest to a large group of employees.

SEVERAL EMPLOYEES PLACE IN REGATTA

The Hampton Yacht Club's 16th annual Regatta was held over the week-end of July 1-2 in three series, Saturday afternoon, Sunday morning, and Saturday afternoon. Several of the Laboratory's employees entered their boats in the various classes of the contest and a few placed.

In the Handicap class, which continued through Saturday and Sunday, John Becker, 16-Foot, won first place in his Cape Cod Knockabout, which is still unnamed; and Hank Fedziuk came in third in his Battery Park Knockabout, "Angus". Pat Chiarito, Structures, entered the race, but because of an unfortunate accident on Sunday morning could not finish the series; Jim Lindell, East Sheetmetal Shop, also entered his craft, "Perch", in the race.

In the Snipe class Don Reisert, Aircraft Loads, won second place with his boat, "Foam". There were several entries in the Hampton-One Design class, but no LMAI winners. Bunny Klawans, Flight Research, and John Houbolt, Structures, entered "Promise"; Jack Runkel, 16-Foot, entered "8-Ball"; "Hack" Wilson, Full Scale, entered his unnamed craft; and Clo Wood, Flight Research, entered "Jamaica". "Toots" Prospere entered his "Valhalla" in the cruising class race on Sunday.

In a special race held on Sunday, "My Lady", owned and sailed by Paul Hill, Physical Research, and Ray Hanson, Instrument Research, which won the Free-For-All race last summer, easily outclassed the outside-owned "Rinda".

Manual Ready

Now available to employees is a Trainee's Manual designed as a guide and reference book for the use of typist and stenographers in the preparation of all typed material. This manual may be obtained from Lucy Bainbridge, Stenographic Section.



SPORTS



Girls' Softball

The 19-Foot Pressure Tunnel assumed the leadership of the softball league by virtue of their victory over IRD 10-1, while East Area Shops dropped from top when they were defeated by AWT 4-3.

Al Martina's 3-hit pitching, including twelve strikeouts, was the highlight of the 19-Foot-IRD game. Al Budde saved IRD from a shut-out by smacking out a home run in the seventh inning. Ray Hansen was the losing pitcher; and Owen Deters, Pat Cancro, and Bob Neely were the outstanding batters for 19-Foot.

Cliff Link's wild pitching in the first inning cost East Area Shops their game with AWT. Jim Scrivens' timely single with the bases loaded was the deciding factor. Link settled down after the first inning and allowed only two more hits during the rest of the game. East Area Shops made a desperate attempt in the waning innings to overcome the early lead but failed. Their eight hits, gathered off Scriven, proved to be worthless.

With PRT leading 1-0 in the fourth inning, Structures finally found the range in the fifth and made six runs and five hits off Sam Vollo and added two more runs in the sixth inning for good measure. The final score was Structures 8, PRT 1, Si Diskin was thw winning hurler. Walter Woods and Johnny Neff were outstanding batters for Structures.

An upset was scored last week when Tank set Flight Research back on its heels by a score of 7-0. Charlie Daniels, on the mound for Tank, allowed but two hits and was ably assisted by his teammates both on the field and at bat. With George Jarvis and Bob Dunham setting the pace, the Tank team collected ten hits off the slants of Fred Daum. The fielding was ragged on the part of both teams. Two fast double plays by the Tank contributed to the win.

With the score tied 1-1 at the beginning of the fifth inning, LTD went on to collect five runs in the fifth and one in the seventh to defeat AID 7-1. Bill Aiken, pitcher for AID, issued five bases on balls and was relieved by Dwight Fearnow who issued two more. Carl Cecil was the winning pitcher.

Rain forced a postponement of both the 8-Foot High Speed-Engineering game, and the Full Scale-Stability game.

Softball Standings:

Pos.	Team	Won	Lost	Pct.	G.B.
1	19' PT	8	1	.889	-
2	EAS	7	1	.875	1/2
3	Structures	7	2	.778	1
4	Full-Scale	5	2	.714	2
5	AWT	5	3	.625	2 1/2
6	Flight Research	5	4	.555	3
7	8' HS	4	4	.500	3 1/2
7	PRT	4	4	.500	3 1/2
9	Tank	4	5	.444	4
10	LTD	3	5	.375	4 1/2
11	IRD	3	6	.333	5
12	Eng. Sec.	2	7	.222	6
13	Stability	1	7	.125	6 1/2
14	ALD	0	8	.000	7 1/2

A big upset in the Girls' Softball League took place on Wednesday, June 28, when PRT defeated Structures by a score of 12-7. Sybil Bateman pitched for the losers and Doris Topping for the winners. Bernice Weinbarger made a home-run for Structures.

The Flight Research and Tank team, now aided by representatives from the East Machine Shop, was defeated by Personnel on Thursday, June 19, by the bare margin of 15-13.

On Friday, June 30, FGDA was completely mowed under by Aircraft Loads, the final score being 18-0. Ginna Tucker, FGDA, and Jerry Crouch, Loads, were the two pitchers.

AWT rang out a telling victory over 16-Foot on Wednesday, July 5, defeating them by a score of 16-3. Margaret Farmer pitched for the winners, and Fern Driver for the losers.

The standings for the Girls' Softball League are as follows:

Team	W.	L.	Ave.
AID	5	1	.833
AWT	4	1	.800
Struc.	4	2	.666
Pers.	3	3	.500
FRD-Tank-			
E. Mach.	2	3	.400
PRT	2	4	.333
16-Foot	1	4	.200
8-Foot-TDT-			
FGDA	1	4	.200

The Girls' softball schedule has been changed from the original and is as follows:

Date	Team	Place
July 10	3 & 6	Shellbank
July 11	5 & 8	Armstrong
July 13	2 & 7	Shellbank
July 14	1 & 6	Armstrong
July 17	3 & 4	Shellbank
July 18	1 & 2	Shellbank
July 19	6 & 7	Armstrong
July 21	5 & 4	Armstrong
July 24	1 & 3	Shellbank
July 25	2 & 5	Armstrong
July 26	8 & 6	Armstrong
July 27	4 & 7	Shellbank
July 28	W.A.C.	Armstrong

The numbers represent the following teams: 1) Flight Research-Tank-E. Machine Shop, 2) FGDA, 3) PRT, 4) 16-Foot, 5) Structures, 6) AWT, 7) Personnel, and 8) Aircraft Loads.

BUY MORE INVASION BONDS

Rights Of Former Federal Employees

Listed below are the questions and answers in the third series of information in regard to the rights of former Federal employees returning from military service, and the obligations of the Federal Government as an employer.

QUESTION 4: Who has the obligation of restoring the returning veteran to employment with all the rights to which he is entitled?

Except where certain special conditions exist (see question 5), the department or agency in which the veteran has reemployment rights. Each department and agency must discharge this obligation, giving, in the words of the President, "full weight to the spirit and intent back of section 8 (A) of the Selective Training and Service Act." The department or agency has this obligation even though--

(a) The functions of the veteran's old organizational unit have been transferred to another constituent organization or unit of his department or agency, or

(b) His old organizational unit, together with its functions, has been abolished.

NOTE: With respect to (a) the decision as to whether the veteran should be restored to a position with the constituent organization to which the functions of his old unit were transferred, or whether he should be restored to the unit in which he was serving at the time of his entrance into the armed forces, if this unit is still in existence, rests ad-

TENNIS NEWS

The NACA tennis club will hold a tournament on Sunday afternoon, July 9, starting at 2 p.m. Prizes of tennis balls will be awarded to the winners of the men's and ladies' events. The elimination matches will consist of single sets so that the winners may be decided on the same day.

The tournament will be held at the NACA courts, located on Fox Hill Road.

American War Planes Described By Mingos

ministratively with the department or agency.

QUESTION 5: Who has the obligation of restoring the returning veteran to employment, with all the rights to which he is entitled, under each of the conditions indicated below?

(a) His agency has been abolished, and its functions have been transferred to an existing or successor department or agency.

The department or agency which has taken over the functions.

(b) His agency has been absorbed into, or merged with, another department or agency.

The department or agency which has absorbed his old agency, or which has resulted from the merger.

(c) His agency has been abolished, and all or a part of its functions have been transferred to different departments and agencies.

The department or agency which has taken over the functions of the organizational unit in which he was employed, or the duties performed by the employee in his former position.

(d) His department or agency, together with its functions, has been abolished.

The Federal Government, under the terms of the Selective Training and Service Act. His name will be entered on the Civil Service Commission's reemployment list, and the Commission will exert every possible effort to place him in an appropriate position in another department or agency.

Bond

From page 1
this year, the total was \$186,354.

Starr Truscott, chairman of the Laboratory's campaign game all credit to the individual solicitors who have worked "unselfishly and unceasingly" throughout the entire campaign. He added, "I only hope they won't stop now; but I know they won't." Truscott also gave praise to his three area chairmen, Joe Kotanchik, Ira H. Abbott and Percy Crain.

American War Planes Described By Mingos

According to the 1944 edition of "The Aircraft Year Book", edited by Howard Mingos, it was revealed in the New York Times that, "the United States has five fighter planes capable of speed above 400 miles an hour, while England has only three, Germany two, and Japan none". In every other category of combat aircraft, similar American superiorities have been shown.

The American fighters capable of more than 400 miles an hour are the Lockheed Lightning, Republic Thunderbolt, Grumman Hellcat, Vought Corsair, and North American Mustang, all of which have been tested at LMAL. These, with the British Spitfire, says Mr. Mingos, have outfought both German and Japanese planes under all conditions.

Mr. Mingos states that no enemy bomber has approached the range, bomb capacity, accuracy, and defensive power of our Boeing B-29's and B-17's, and of the Consolidated B-24's. Neither are there any German or Japanese twin-engine bombers in any degree comparable to the North American Mitchell, Martin Marauder, Douglas Havoc, Lockheed Ventura, and the British Mosquito.

The Year Book attributes the continuous improvement in our planes' combat performance to continuous refinement of detail rather than to any major advances.

Mr. Mingos describes the laminar flow wing, which comes from the huge wind tunnels of the National Advisory Committee for Aeronautics at Langley Field, as the most important development in its field since the Wright brothers invented the airplane. And from hundreds of drafting boards and machine shops throughout the industry have come minute changes in design which have added to the speed of our planes.

CONDOLENCES: To Eloise Lada, Apprentice Administration, on the death of her mother on Sunday, July 2, in Grafton, West Virginia.

LIFE AT THE LABORATORY

HEIR MAIL: Bill and Mary Jean Thompson, ex-Personnel, are mighty proud parents of William Allen Thompson, Jr. born Sunday, July 2, at 6:30 p.m....Albert Willis, Construction, is the proud papa of seven pounds of man born Friday, June 30....J. Bennett, Construction, last week passed out cigars in honor of his new daughter, Elizabeth....Edwin Moggio, Structures, became the father of a son, Edwin Moggio, II, on June 29....Irwen Naiman is the proud papa of a daughter, Heidi Carlene, born June 21.

ILL WINDS: Glenda Ellison, Report Typist, is nursing a case of chicken pox at home in Kecoughtan Court...Elsie Parker, Stenographic, is recovering from a recent tonsillectomy.... Bill Craig, Recruiting Office, was injured in an automobile accident Saturday, July 1.... Mary Little, TDT, will temporarily retire from the Lab for a two-month rest cure.... Dorothy Crook, Full Scale, recently underwent an operation at her home in Cameron, S. C.... Chuch Bennett, Free-Flight Tunnel, received a rather serious knee injury in a softball game Friday, June 30....W.R.P. Wilson, AWT, is at his home in Springfield, S.C. on a rest cure. ...Mary Thurston, Construction, is leaving the Laboratory for a two-month rest cure.

FAREWELL: J. William Scott, Electrical Shop, has left the Lab to enter the armed forces. The section had a large farewell party for Bill Saturday night, July 1.... Margaret Slack, TDT, is leaving the Lab soon. The computers of TDT and FGDA had a farewell dinner party for her Friday, June 30, at the home of Elizabeth Patterson...Ralph Avakian, 19-Foot, has been transferred to AERI in Cleveland...Larry Fogarty, 19-Foot, and Charles Liddell, Flight Research, left Tuesday, June 27, to enter the Navy....Julia Woodbridge, Loads, has left the Lab to study navigation at the University of Virginia.

WELCOME BACK: "Stormy" Hanson, Stocks, after a tour of duty in Washington...W.L. Wilson, Electrical Shop, after recovery from a knee injury.

PARTIES: Carrie Love, Personnel Services,

CAFETERIA OPENS

AT ANNE WYTHE HALL

The long awaited cafeteria at Anne Wythe Hall has at last become a reality.

Located on Bay Avenue, adjacent to the dormitories, the eating establishment opened its doors on June 25. It will remain open daily from 5 a.m. to 1 a.m. Any persons living in the vicinity may eat there, but first consideration will be given to dormitory residents.

RIDE WANTED: To Charlotte, N. C. for week-end of July 14 by Dot Severance, Reproduction.

LOST: Waterman's fountain pen, mottled red and black, engraved with owner's name. If found, notify Einar Lundquist at 216.

LOST: Four electric heaters, 2 reflector type and 2 blower type. Inventory Nos. 8620, 13362, 13829, and 13830. If found, please contact Electric Office.

had a house party at her in-laws' farm home over the week-end of July 1-2. Among the guests were: Nancy Shelton, Ruth Angel, Louise Mizell, and Phyllis Gabrio, Personnel Services; Kay Desander, Madeline Harrison, and Frances Leigh, Files...Free-Flight Tunnel had a picnic at Virginia Beach Sunday, July 2, as did a group from AWT...West Machine Shop had a surprise party at Grand View on Sunday, July 2, for M. B. Seyffert and Bob Stewart on their return from Ames Lab at Moffett Field, Calif. Soft drinks, hot dogs, and games were the highlights.

ROMANCES: Frank Liberatore, Instrument Calibration, wed his hometown gal July 4 in Morgantown, West Virginia....The wedding of Hal Sweberg, Full Scale, to Tony Berger took place on Sunday, June 25, in New York City. The couple will make their home in South Hampton Apts....Jean Poythress, Engineering Section, will marry Clinton E. Brown, Supersonic Tunnel, on July 12 at Rutgers Presbyterian Church in New York City...Paul Hinski, Construction, recently married his hometown gal in Minneapolis....Scotty Wallace, East Machine Shop, wed Lavinia A. Hewers in the First Presbyterian Church of Newport News on June 24....Francis Driesbach, IRL, is engaged to Genevieve A. Krimm of Richmond. The wedding will take place in the fall....Latest Scoop: Barbara Huffman, Personnel, is wearing a frat pin belonging to Jack Runckel, 16-Foot.

MISCELLANEOUS: A new club, Royal Order of Hot Buddies, has been formed and consists of 12 members who will plan activities for IRL. George Evalenko is President, and Thomas Carpini is Secretary-Treasurer....The new officers of the Structures Club are John Houbolt, President; Pat Chiarito, Vice-President; Lilliebelle Evans, Secretary; and Marjorie Turner, Treasurer....John Houbolt, Structures, and Bunny Klawans, Flight Research, had a complete launching of their craft Sunday, July 2. Rumor has it that the sails just dried out completely...Peggy Urrutia, Stocks, and her husband are vacationing in Pennsylvania before his induction into the Navy.

classified

LOST: Numbering machine. Inventory No. 7708. Please return to Duplicating Office.

WANTED: An electric refrigerator - preferable larger than 6 cu. ft. Contact any resident of Club 55 or call 3156.

WANTED TO BUY: A station wagon. Contact Harold Brilymer, 216.

LOST: Howe Platform Scale, No. 19926. If found, please contact Full-Scale Tunnel.

GREEN COW HAS COLORFUL PAST

One of the first names that a new employee hears mentioned in connection with social functions at the Laboratory is that of the Noble Order of the Green Cow. He soon finds out what the organization does when he attends one of their dances at the Hampton Armory, but it is seldom that he ever learns anything about its fascinating background.

One of the best sources of the lighter side of Laboratory history is Clyde Lumpkin, Chief of the Office Services Division. According to Clyde, much of its early history has been "lost in antiquity" but he can still manage to lean back in his chair and relax for a moment to recall some particular aspect in the dim past of the noble bovine.

Back in the early days, when the 60 or 70 employees of LMAL carried on all their activities in five buildings, every new man had to fall victim to a little horseplay to see whether or not he was a good fellow. This sometimes took the form of a nice dose of itching powder or a brush with a booster magneto and was always referred to as being initiated into the Noble Order of the Green Cow. The name was brought in by a junior engineer whose alma mater had had an organization with a similar one.

The first time that dances came into the picture was the occasion of the opening of the Service Building in 1925. The staff thought that the dances should be continued and a committee was set up to make the plans. They then transferred the name to their group. Clyde says, "The organization began to get so large that we more or less lost our personal touch and the horseplay died out. We had all of a hundred people then."

As the Laboratory grew, so did the Green Cow, and its activities along with it. Now the membership runs to several hundred who get together about once every month for a dance.

The affairs are run by a four man executive committee which is elected yearly by the employees. The present committee is Bill Craig, Employment, chairman; Charlie Kelly, Full-Scale Tunnel; Tiny Hutton, Bulletin; and Sid Batterson, Impact Basin.

Membership is open to any employee of the Laboratory. The yearly fee is \$3.50.

* * *

FOR SALE: 1940 station wagon in excellent condition with 5 service tires. It is parked on Kecoughtan Road at the entrance to South Hampton Apts. Contact Carmen Schlenk at 392.

Service Notes...

The Bulletin received another letter from John Harrington, who is still stationed "somewhere in New Guinea". Enclosed in the letter was an issue of the Wing Ding, a newspaper "published by and for the personnel of the 91st Photo Reconnaissance Wing, 5th Air Force". The newspaper contains everything from the latest news through sports articles to a series of paperdoll pin-up girls. Anyone interested in seeing the paper may consult the Bulletin Office at 376.

Among other things, John writes, "The British have found out that a good many things go around in the dark besides Santa Claus. The paratroopers are doing excellent night work. The 'Ratzies' don't like mountain climbing especially when the mountains Britain boasts are men."

The Spin Tunnel received a card from a former employee, Henry Rottersman, whose new address is: S 1/c, Co. 1458, Great Lakes, Illinois. Henry wishes to be remembered to all his old friends at the Lab.

One of the Lab's most recent and most welcome visitors is Lee Dickinson, former editor of the Bulletin, who is fresh from six weeks at Camp Peary.

Staff Sgt. Potvin Killed in Crash

Staff Sgt. Arthur Edward Potvin, who was employed in the East Machine Shop when he volunteered for the army air forces in August 1942, has been reported killed in action; his airplane crashed in the vicinity of Valdieri, Italy as a result of an attack by enemy aircraft Nov. 11, 1943.

Potvin had been reported missing in action over France following the Armistice Day raid. One month previous to his death, he had been awarded the Distinguished Flying Cross for his part in a raid of the Ploesti oil fields in Rumania.

Lee looks wonderful - less weight, much less hair, and a thorough sun-tan. He has promised the Lab one of his ten days' leave, and we are anxiously awaiting our allotted time.

Mrs. Elizabeth Hobbs, Employment, received a letter from her son Jesse H. Hobbs, who is a Pharmacist's Mate on an L.S.T., U. S. Navy, in which he said, "I was in the invasion of France, but am safe and well thus far. Sherman was certainly right!"

A/C Robert T. Thacker, whose address is Squadron "2-A", Flight "D", 2156 AAFBU, C.P.S. (Primary), Decatur, Alabama, writes that all of the guys that read his copy of the Bulletin were very interested in the article on the Superfortress since they are training to be pilots for the army.

"Shorty" Harrison, formerly of Circulation and ISS, visited the Lab Monday while home from Aberdeen, Md. He thinks that the Army and Navy Departments must have worked together, since his brother Jeff, who has just received his ensign's bar and gold wings, came home at the same time. It's the first time the boys have seen each other in a year.