

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

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## CLASSES IN OUTDOOR COOKING OFFERED

Laboratory employees interested in learning the mystic intricacies of outdoor cooking, as well as how to stage a successful picnic, are urged to contact Bruce Amole, telephone 2300, at their convenience.

Registrations are being taken for a short tasty course to be conducted by Chef Dolph Henry, the NACA's Chief of Training. Every section that has, or ever hopes to have, really successful outdoor picnics, should have at least one representative trained in the techniques of outdoor cooking.

Progress now being made towards the completion of the Laboratory's new picnic area indicates that it will soon be ready for use. The cooking courses will be conducted on this site and will be held shortly after work. The course will be free, with the exception of the students share in the cost of the food used.

Members of the staff who have witnessed some of Chef Henry's previous exhibitions have been deeply impressed with his unique techniques.

Students will be instructed in the use of reflector ovens; how to cook steaks (if any), chickens, fish, etc., by reflected heat:

The picnic area is located adjacent to the site of the old Collier home in the west area and is just north of the Induction Aerodynamics Laboratory.

## ROOMS TO HOUSE EMPLOYEES NEEDED

Due to the continued large influx of new employees entering on duty, there still exists an acute shortage of housing facilities. Heretofore, employees have been of great assistance in providing the Housing Office with leads as to probable rooms and living quarters for rent. Once again the Personnel Services Office is calling on employees to help them overcome this problem. It will be appreciated if anyone knowing of a room vacancy will contact the Personnel Services Office, Service Building, by telephone, 2377, or by memorandum.



*John F. Victory and Major-General E. R. Quesada are greeted by H. J. E. Reid, Engineer-in-Charge, and Herbert Hoover, Head of Flight Operations, shortly after their arrival at Langley in a B-25 Mitchell bomber.*

## GENERAL QUESADA TOURS LABORATORY

Major-General E. R. Quesada, Headquarters, AAF, Washington, visited the Laboratory Tuesday for a general look around, being particularly interested in the work being done in high speed flight.

He was accompanied by John F. Victory, NACA Secretary. They flew down from Washington in a B-25 Mitchell bomber after shelving plans for a "piggy back" ride in a P-51. Arriving in the morning, they flew back in the afternoon.

General Quesada was impressed by the splendid equipment at the Laboratory and particularly noted the growth since he was stationed at Langley Field in the late thirties. He and Victory were escorted by H. J. E. Reid on a tour of several Laboratory activities including the Hangar, Open Water Research, Impact Basin, Supersonic Tunnel, 16-Foot Tunnel, 8'HST, Gust Tunnel, and Structures.

## C.A.P. PLANS SOCIAL FOR YOUNGER SET

The Hampton flight of the Civil Air Patrol is sponsoring a social for young people at the Hampton Industrial USO on Saturday night, August 18. Seeking to provide something for the younger group to do on Saturdays, the CAP also hopes to recruit from the 15-18 age group for the CAP cadet program.

All children of Laboratory employees are cordially invited, as well as other local youngsters. Plans on the program include movies, dancing, and three entertainment acts. The plans for the social are in charge of Sherman Clevenson, Physical Research, staff officer of the local flight.

## KANTROWITZ TO SPEAK AT MEETING OF AERODYNAMICS SEMINAR

Arthur Kantrowitz will speak on the topic "Nuclear Fission" at a meeting of the Aerodynamics Seminar to be held Friday, August 17, at 5:15 p.m. in the Projection Room of the Administration Building.

All interested employees are invited to attend.

## COW STAMPEDE THURSDAY NIGHT

Just a reminder to Cow fans that a stampede will be held Thursday night, August 16, at the Grand View Pavilion. Music will be furnished by Kirby Johnson and his orchestra. Tickets are still being offered at the new cut rate price of \$2.00 - hag, stag, bag, heifer, or whatever you want to drag along. Tickets may be obtained from Committees John Houbolt, Structures; Don Talmadge, Flight Research; Marvin Pitkin, Auxiliary Flight Operations; Harry Shoaf, West Engineering.

## FOR ARMY ACER'S

Service personnel who report for active duty with a view to receiving a discharge should take with them the original copy of their Certificate of Service and Report of Separation in order to secure the first installment of mustering-out pay.

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THOUGHTS FOR THE FUTURE

It was possible to detect a far off look in the eyes of those research men who read Robert Wood's editorial in the July 30 issue of *Aviation News*. Based on the reported findings of scientific intelligence missions to Europe, missions on which H. J. E. Reid and Russel Robinson have served, and Carlton Kemper, and John W. Ebert are serving now, Wood shows the lessons to be learned from the German research policy.

Pointed out are the facts that German scientists worked with the finest equipment in Laboratories that were located in scenic and resort spots, well dispersed and inconspicuous. In addition to extra rations, good pay, and excellent living conditions, they enjoyed freedom from such red tape as cost accounting and burdensome reports. They were not distracted from their thoughts.

Their entire operation was under a civilian agency, the Ministry of Research.

Wood believes that a similar research technique, "under the direction of our most distinguished civilian scientists, would have much to offer those who have the responsibility of formulating a national and scientific research policy for the future." From the far off looks, it was easy to see that there are those who would say, 'Amen'.

**Life of the LABORATORY**

*After looking forward . . . . .*

for four years to his return to the States and to his prospective marriage to his home town girl, Robert Held, IRD formerly stationed somewhere in the Pacific, announces that he has finally lined things up and he will tie the final knot sometime in the fall when he and Eunice Cohn of Chicago walk down the aisle.

*Wylie Jenkins, Erection Shop . . . . .*

surprised his friends last Friday when they learned that he had just married Helen Phillips of North Carolina. Buck Barber, Purchase, was best man, and Helen Hanks, maid-of-honor.

*Oh, for the life of a fireman . . . . .*

Three lassies in the west end of Hampton make a habit of locking themselves out of their third story apartment. Minus the necessary steeplejack blood, they are a bit unable to make an entry on the second floor, go out the window, and up to the third and in their own window, which is always down and locked unless it's raining. To the rescue of the damsels in distress comes the Hampton Fire Department, engine and all, upon request. The gallant fire laddies run their ladder up, run up their ladder, and with their trusty axe, bash a hole through the wall. Entering thusly, they then unlock the door, bow low with a majestic sweep of their LaGuardias, and admit the ladies, who have been too modest to offer them liquid refreshment in the way of a cup of pink tea or something.

*All available use of phones . . . . .*

is made in Personnel. We dialed 2368 the other morning and heard, "Selective Service, Personnel Files, Employment Files, and Credit Union." Presumably, Ladies' Ready to Wear is on the fourth floor.

*The broad grin way down . . . . .*

in the Dynamic Model Shop belongs to Bill Rowley. Reason? Daughter Mary Lanita whose seven pounds arrived July 26.



Upper left, Bill Gray, on Wing, talks it over with Mel Gough before taking off in the P-63...Center, "Mama, mama, buy me one; I'll be nice to it!"...Upper left, Naval Lieut J. N. Halaby, jet pilot, with Flash Gordon helmet...Lower

left, They sat everywhere, even on the airplanes on display. Center, that Gough scowl...Lower right, the business end of the P-59. Halaby photo by Taylor Moorman, all other by Dick Everett.

## SOFTBALL PREPARES FOR BIG FINALE

Barring upsets, which only a fool would do, there are four games remaining in the Men's Softball League season which can have any effect on the top four standings and playoff bids. East Shops is listed as one of the principals in three games, opposing 19-Foot at Southampton August 15, and Low Turbulence at Southampton on August 17. The EAS-IRD game should be in the books by now, scheduled for August 9, too late to be reported in this issue.

The other impending fracas is the IRD-Low Turb match, booked at Southampton on August 13. All games are scheduled to start at 6 p.m.

AWT lost its last chance for fourth position last Friday when it went down before East Shops 4-3, in a game played May 29. AWT protested on a base umpire, the Shops' second baseman who had left the game. The case was finally heard Friday night.

Only four games were played in the league last week. Sixteen-Foot won from 8-Foot, 8-6; AWT topped Flight Whites, 8-5; East Shops took an 8-2 win from Flight Blues; and Low Turbulence walked over Reproduction, 11-1.

The schedule for the coming week includes: Monday, 8'HST vs. Full Scale, RT vs. 19'PT, Low Turb vs IRD; Tuesday, Electrical vs Tank, Reproduction vs Loads; Wednesday, Flight Whites vs PRT, East Shops vs 19'PT; Thursday, 8'HST vs PRD, Reproduction vs AWT; Friday, East Shops vs Low Turb, PRT vs Electrical.

### STANDINGS

Team	W	L	Pctg.
19-Foot	15	0	1.000
East Shops	14	1	.933
Structures Reds	14	3	.824
Low Turb	12	3	.800
IRD	11	4	.733
AWT	11	6	.647
16-Foot	10	7	.588
Tank	10	8	.563
Flight Blues	9	7	.556
PRT	7	6	.538
Full Scale	8	8	.500
8-Foot	6	8	.429
PRD	6	9	.400
West Shops	6	10	.375
Stability	5	11	.313
Electrical	3	9	.250
Structures Whites	4	14	.222
Reproduction	3	11	.214
Flight Whites	2	15	.110
Loads	0	16	.000

NEW TELEPHONE NUMBER: Security Officer, located in Technical Service Building, 2331.

NOTED: Either a car pool or passengers from Langley View to West Area on 8:15 shift.

WANTED: Folding bed with coil springs. Leila Scarborough, Free Flight Tunnel.

## EMPLOYEES ACTIVE IN TENNIS TOURNNEY

Laboratory employees are taking an active part in the Elizabeth-City County tennis tournament and not doing so badly for themselves either. The results in the recently played matches are as follows:

In the single playoffs, David Cervin, Buildings and Grounds, defeated John Kelly, Physical Research, 6-0, 6-1; Ed Kilgore, East Engineering and last year's champ, downed Bob Swanson, Stability Tunnel, 6-0, 6-0; and Jacque Cannon, Buildings and Grounds, finally came through to defeat Charlie Brandes, Planning, 7-5, 9-7.

In the doubles Howard Edwards, Instrument Application, and Kilgore defeated Warren Spratley and Nick Camp, both of Purchase, 6-1, 6-4; Brandes and Everett Dunlap, Instrument Calibration, won over Capt. Robert Campbell and Griffith 6-1, 6-3; and Billy Bates, AWT, and Jack Irwin, FGDA, knocked Swanson and Tommy Toll, Stability Tunnel, out of the semi-finals to the tune of 6-1, 6-3.

NOTICE: Person who lost money in Cafeteria last Friday may have same by identification in Air Scoop Office.

LOST: Flat desk key number 8MP7. R. W. Fairbanks, Full Scale Research Division.

WANTED: Ride for two to New York after work September 5. Bob Tarshis, LTS.

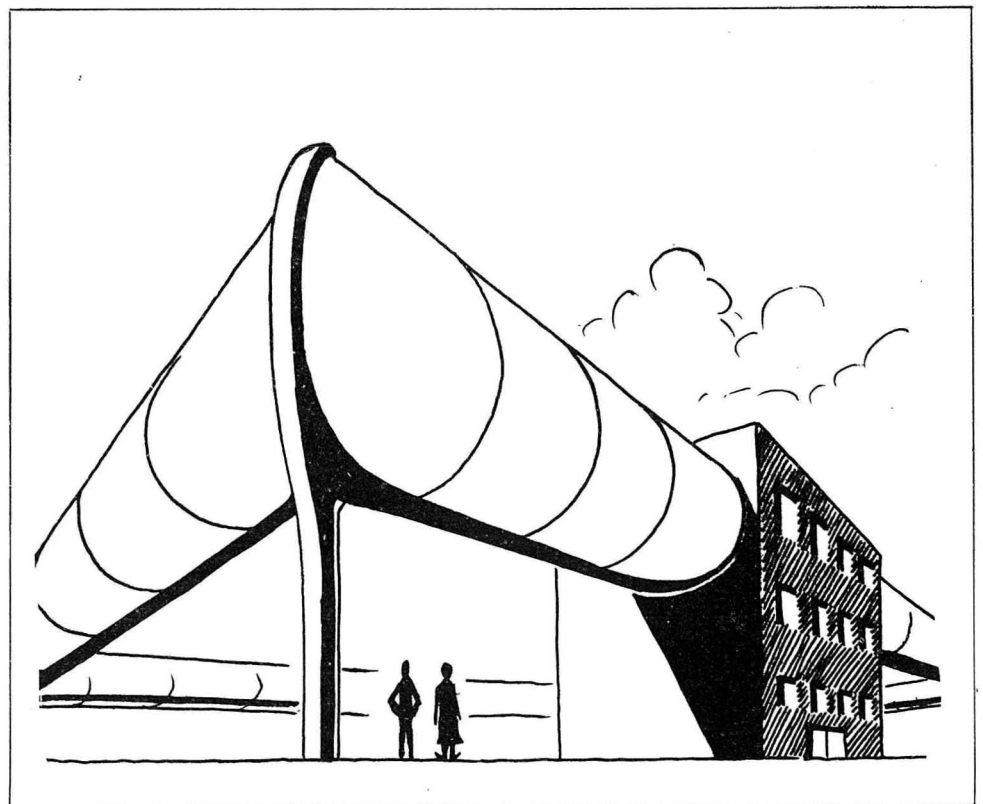
## AWT, PRESBY LEADING LEAGUE

As the Girls' Community Softball League enters its last two weeks of play, statistics show that Presbyterian will probably be the winners and only undefeated team in the league unless 8-Foot or Personnel come through with an upset to mar Presby's clean record. AWT, with only one defeat on its record and only one game left to play, seems sure of a place in the playoffs. Structures and 8-Foot are running in third place respectively, however, 16-Foot is the only other team in the league that still has a chance to reach the playoffs, depending primarily on the outcome of Structures' games with Loads and AWT and 8-Foot's games with Presby, AWT, and Loads.

In the games played this week, 16-Foot was up and down, first swamping PRD to the tune of 32-4 and then going down before AWT 14-3. Technical Service Offices closed their season of play with a forfeit to Loads and a 15-6 victory over PRD.

### STANDINGS

Team	W	L	Pctg.
Presbyterian	7	0	1.000
AWT	6	1	.857
Structures	5	2	.715
8-Foot	4	2	.667
16-Foot	4	4	.500
TSO	4	5	.444
Personnel	2	4	.333
PRD	2	6	.250
ALD	1	3	.250



But Bill, how do they get the models around the corner?



## EXCHANGE COUNCIL TELLS OF OPERATION

(Ed. Note) - Following an article in a previous issue on the cafeteria, we have had several inquiries as to the actual operations of the NACA Exchange. The Exchange Council has furnished us with the following information.)

This condensed report by the NACA Exchange Council has been prepared for the information of NACA personnel.

The following Profit and Loss Statement covers the one-year period June 1, 1944, through May 31, 1945.

<b>Income</b>	
Sales	\$196,471.29
Interest & other income	223.75
<b>Total Income</b>	<b>\$196,695.04</b>
<b>Expenses</b>	
Food and other supplies	\$149,121.29
Wages	38,377.46
Insurance	511.59
Laundry	271.64
Repairs	40.50
Office Expenses	627.50
Miscellaneous	723.62
Depreciation of equipment	2,050.95
<b>Total Expenses</b>	<b>\$191,724.56</b>
Transferred to working capital	Note 3,671.60
Increase in general reserve	A 1,298.89
<b>Total</b>	<b>\$196,695.04</b>

**Note A:** From surplus of income over expenses, \$3,671.60 was transferred to "Working capital" (See Note C) to complete making up a deficit which has existed for several years but which has been reduced in each of the past three years. \$1,298.89 listed as "Increase in general reserve" is explained under Note D.

The following Assets and Liabilities Statement provides the financial status of the NACA Exchange as of May 31, 1945:

<b>Assets</b>	
Cash & Bank Deposits	\$18,812.70
Accounts Receivable	267.12
Inventory of Supplies	5,960.95
Exchange equipment	\$11,163.74
<b>Less Reserve for Depreciation</b>	<b>3,692.74</b>
<b>Net value Exchange</b>	
Equipment	7,471.00
Securities	5,935.00
First Nat'l. Bank frozen account	62.21
<b>Total Assets</b>	<b>\$38,508.98</b>
<b>Liabilities</b>	
Accts. Payable	\$11,788.75
Withholding tax	482.60
Depreciation of Govt. owned equip. (Note B)	3,900.00
Auto tag refunds	375.00
<b>Total Liabilities</b>	
<b>Add:</b>	
Working capital (Note C)	\$20,000.00
General Reserve (Note D)	1,962.63
<b>Net Worth</b>	<b>\$21,962.63</b>
<b>Total Liabilities &amp; Net Worth</b>	<b>\$38,508.98</b>

**Note B:** The Government has purchased equipment at a total cost of \$8,962.42 for the use of the NACA Exchange. The sum of \$3,900.00 listed under "Liabilities" as "Depreciation Reserve for Government owned equipment" represents the estimated cost of depreciation to May 31, 1945. As Government owned items of equipment wear out, they must be replaced from NACA Exchange funds.

**Note C:** The sum of \$20,663.74 listed under "Liabilities" as "Working Capital" is the money required to finance an average inventory of \$6,500, equipment with a cost of \$11,163.74 and a cash surplus over bills payable to provide a safe operating margin.

**Note D:** The sum of \$1,962.63 listed under "Liabilities" as "Reserve" is a reserve account to provide funds for any future expansion of cafeteria facilities or for the continuation of operations during any periods of financial loss.

The following supplemental information is provided for the benefit of LMAL employees unacquainted with the status and policies of the NACA Exchange:

The NACA operates the Cafeterias for the convenience of its employees. The NACA Exchange is not an employees' cooperative. The NACA Headquarters in Washington has prescribed uniform NACA regulations for the Committee's Langley, Ames, and Cleveland Laboratories. Under these regulations, the Engineer-in-Charge at Langley has appointed a council consisting of Ernest Johnson as Chairman, Walter H. Reiser as Treasurer, Elton W. Miller, John W. Crowley, Jr., W. Kemble Johnson, and Mrs. Kitty O'B. Joyner to have supervision over the affairs of the Exchange.

No NACA employees are authorized to work in the Cafeteria during their regular hours of duty with the Laboratory. NACA employees who perform part-time duties in the Cafeteria outside of their regular hours of Laboratory duty and all full-time employees of the Cafeteria are paid out of Cafeteria income.

The Government contributes space, heat, light, water, and building maintenance toward the operation of the Cafeteria. Some of the equipment is also Government owned, but this equipment must be maintained and replaced when obsolete or worn out from NACA Exchange funds.

The NACA Exchange is authorized to make a profit until a reserve of \$20,000 is accumulated to assure stability and continuity of service, and thereafter to adjust prices up or down from time to time as may be necessary so as to operate as nearly as possible without gain or loss.

Cafeteria funds are not used for parties or other entertainment with the one exception that infrequently, official guests of the NACA may be provided with luncheon without remuneration when authorized by the Engineer-in-Charge. This expense to the Cafeteria has been necessary because Federal funds are not provided for such purposes, and the assumption of the expense by individual

members of the staff would be an injustice.

The finances of the NACA Exchange Council are audited every month by Mr. Del Heath, Public Accountant of Hampton and his findings are reported directly to the Exchange Council. The Treasurer and other employees handling money are bonded to protect the Exchange from loss by theft or misappropriation.

The NACA Exchange Council has contracted with a concessionaire for the operation of the West Area Cafeteria and regulates the prices charged. The Government has provided space, heat, light, and major equipment items for this Cafeteria as well as the East Area Cafeteria. The concessionaire makes no payment to the Government or NACA Exchange for the privilege of operating the cafeteria, but is required to reimburse the Government through the NACA Exchange for the depreciation of Government owned equipment.

The NACA Exchange Cafeteria operates on a non-profit basis, push carts which sell milk, soft drinks, sandwiches and incidentals in the East Area, with the vendors on a salary plus commission basis.

The Army exercises jurisdiction over the Cafeteria with regard to the periodic inspection of facilities, periodic health examinations of Cafeteria employees, designation of approved sources of supply, and inspection of incoming food supplies. The Army's rigid inspection requirements necessarily serve to increase food costs, but we believe that the best interest of the employees are being served by sanitary and health measures.



One of the most fascinating visitors in recent weeks was Lt. N. E. Halaby, the young Naval officer who flew the jet plane in the air show last week. The lieutenant is stationed at the Naval Air Test Center at Patuxent River, Md. He explained that it is the only one in existence.

He was most apologetic about coming into the office in an unironed shirt, but explained that he had brought only one with him and it had blown off the wing of the plane while warming up the previous day, and landed in the mud. Apparently he wasn't in it at the time. Anyway, he had done his own washing overnight but had had no iron.

"The mysterious light in the nose of the plane is put there to let people know we're coming, because we travel faster than sound," he stated to Hank Fedziuk who passed by, but to me he confided, "It was really a short circuit that caused the light to burn. It's a landing light."