

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

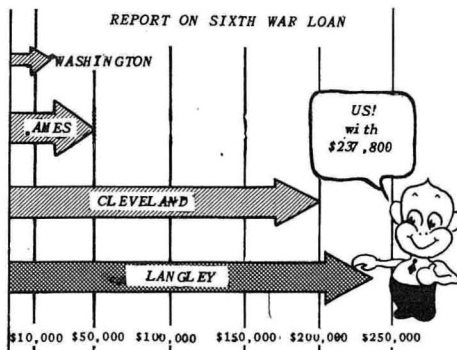
## NEW READING ROOM ADDED TO LIBRARY

Because of a great increase in the use of the library, a new reading room has been provided. It is situated in what was formerly the Physical Research Computers room at the end of the hall directly opposite the library.

This reading room is equipped with two large tables, a microfilm reader, all current magazines and bound volumes of magazines. A receptionist is also stationed there to assist in any way possible.

The library itself has been changed around in order to give better service. Where it was formerly necessary to go through rows of booklined shelves to reach the librarian and her staff, the door now opens onto a reception desk. The card index files books and reports have also been rearranged for easier accessibility.

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The War Bonds purchased by the entire NACA during the Sixth War Loan drive totalled over a half million dollars - \$513,061.97 to be exact. This Laboratory topped Cleveland, Ames and the Washington office by a comfortable margin but it should, of course, be borne in mind that LMAL has the largest number of employees.

Of the \$237,803.30 worth of bonds purchased here during the drive, \$163,802.05 came from November and December payroll deductions and \$74,001.25 were cash sales.

## THIRTY-SIX LANGLEY APPRENTICES RECEIVE GRADUATION CERTIFICATES

### KEEP UP RECRUITING OF ARMY PERSONNEL

The recruiting of service personnel who have returned from overseas is being carried on by NACA representatives in cooperation with the Army Air Forces at three redistribution stations. Edwin Hartman, Coordinator on the West Coast, is the NACA representative at Redistribution station No. 3, Santa Monica, California. Paul Taylor, who was the representative at Redistribution station No. 1, Atlantic City, has recently been replaced by George Serrig; and Carl Pratt, representative at station No. 2, Miami.

At the redistribution stations, an orientation program is held for the men returning from overseas duty to give them an idea of the reassignments available to them. At this time, the NACA and the work carried on at the two Laboratories is mentioned. If a man thinks that he is qualified for a job here, he is interviewed by the Army Classification Officer, who has a list of the jobs and the necessary qualifications needed at the Laboratory.

If the Army Classification Officer feels that the applicant is qualified for a particular job, he refers him to the NACA representative at the station. If the representative finds that he is qualified, he requests that the serviceman be transferred to Langley Field for an interview and appointment. Except in the case of Redistribution station No. 3, Santa Monica, no appointments are made by the representatives but by the NACA.

After the serviceman reaches the Laboratory, he is interviewed by E. J. Shave, and if found to be qualified, he is offered an appointment. Mr. Shave then sends a letter to the Army stating that an appointment has been offered and requesting that the applicant be transferred from active to reserve status.

High-ranking federal and NACA officials participated in the graduation exercises of the NACA's Apprentice school at the Langley Field base theater at 1 p. m. last Friday. Thirty-six students received certificates in the third class to graduate since the establishment of the Langley Laboratory's apprentice school.

Members of the graduating class, their families and friends, and members of the Laboratory's staff heard L. Gordon Sheain, Chairman of the Virginia Apprentice Council; Dr. B. H. Van Oot, head of Vocational Training in Virginia, and John F. Victory, Secretary of the NACA, congratulate the men, who had completed their training, and cite the importance of the apprentice program with its related study and on the job training.

John W. Crowley, Jr., acting engineer-in-charge, presided at the exercises, and Charles A. Hulcher, Supervisor of training, presented the certificates to the graduates.

J. S. Darling, Chairman of the Hampton School Board, introduced Dr. Van Oot, and D. E. Henry, Apprentice Training Service, introduced Sheain. Elton W. Miller, Chief of the Administrative Department, offered the invocation and benediction.

Frederick A. Breisch, toolmaker, spoke for the graduating class and Carlton Cecil, apprentice sheetmetal-smith, for the student body.

The 575th Air Force band, under the direction of Chief Warrant Officer Elmer R. Laub, offered several selections prior to the program, and played "Lady of Spain" (Evans) and "God Bless America" (Berlin) during the exercises.

Among the high-ranking federal officials attending the ceremonies were: Dr. O. L. Harvey, Apprentice Training Service War Manpower Commission; A. C. Calm, American Viscose Corporation; R. H. Handley, Apprentice Training Service; Washington; Fred Downing, Apprentice Training Service, Norfolk;

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## BLUES STILL TOPS IN HOOP LEAGUE

The Flight Research Blues continued on their winning rampage taking games from 16-Foot and East Shops during the week. Low Turbulence stayed right behind with a win over Structures and AWT kept pace by downing Loads.

Eight-foot got back on the victory trail by taking the measure of East Shops, 27-21, and 19-Foot triumphed over Tank, 36-18. East Shops stayed a shade behind the leaders by defeating Flight Whites 54-10.

Frank Vollrath set a new scoring record with 28 points in the East Shops-Flight Whites game. His teammate, Jim Dawson, was also good for 20.

Other high scorers of the week were: Rothenberger, IRD, 15 against PRT; Rice, Low Turbulence, 15 against Structures, and Polhamus, AWT, 13 against Loads.

The week's scores:

IRD, 32, PRT 23  
 Low Tur. 24, Structures 18  
 AWT 33, Loads 20  
 19' P.T. 36, Tank 18  
 Flight Blues 33, East Shops 18  
 Structures 17, IRD 13  
 Loads 24, West Shops 19  
 8' H.S.T. 27, East Shops 21  
 Free-Flight 22, IRD 20  
 Flight Blues 40, 16-Foot 22  
 East Shops 54, Flight Whites 10

The standings:

Team	Won	Lost	Pctg.
Flight Blues	8	0	1.000
Low Turb.	6	1	.857
AWT	5	1	.833
East Shops	6	3	.667
19' P.T.	6	3	.667
8' HST	5	3	.625
Structures	6	4	.600
Loads	5	4	.555
IRD	4	4	.500
PRT	4	4	.500
West Shops	2	6	.250
Free-Flight	2	7	.222
Tank	1	6	.143
16-Foot	0	6	.000
Flight Whites	0	8	.000

### SOFTBALL LEAGUE TO GET UNDERWAY ABOUT MAY 1

At the softball meeting held Wednesday, February 7, for the purpose of making plans for the softball league, it was decided that the season would start around May 1. Fifteen men's and 4 girls' teams were represented. Any other teams wishing to submit entries are asked to contact Frank Read, East Engineering, or Si Diskin, Structures.

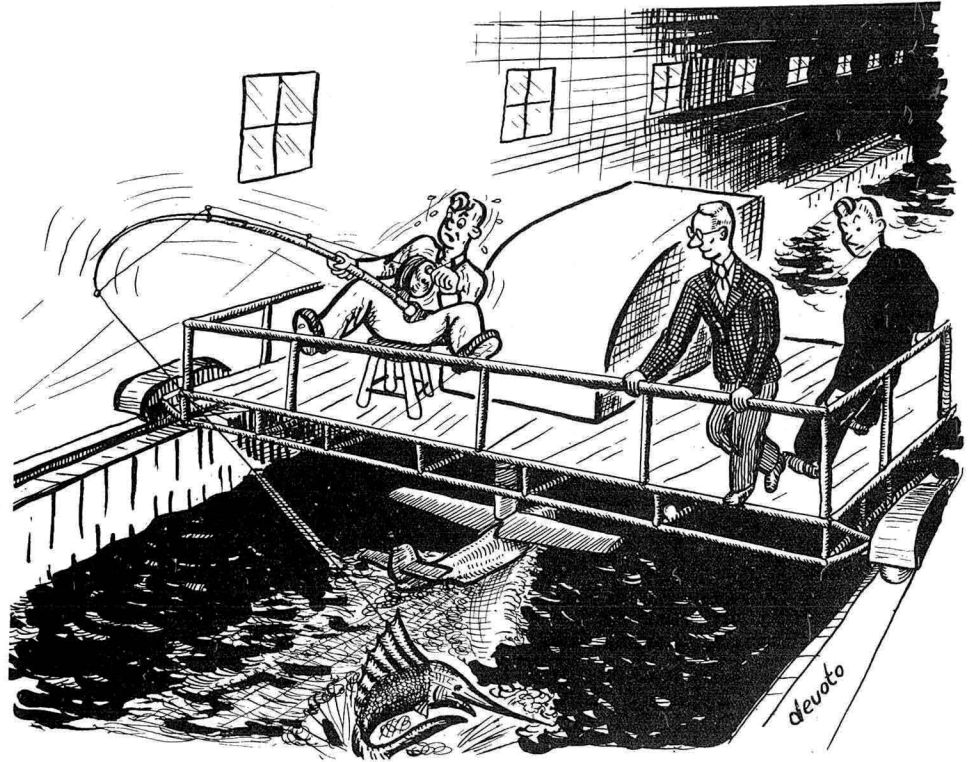
OST. A Starline wrist watch in men's room on first floor of Administration Building. Walter Bastedo, 8 Foot

RIDE OFFERED. Driving to New York on Tuesday, Feb. 20. Can take passengers. Carl Cecil, Erection Shop.

## Cartoon Character Gets New Name

Last week we introduced a new character to the Laboratory along with his special PJO. This fellow happened to read Scoopie's answer to the young lady who wanted her badge picture changed, and so he began to figure out ways to have his own taken over. He reasoned that if a girl could get married, change her name, and thus get a new picture, so could he. So he hunted high and low

for two days, had the usual blood tests made, and dropped down to South Mills with a Miss Thermidor Bummphudge to tie the knot. Although the Personnel Officer doesn't recommend this procedure's being established as a general one, when he took one look at Thermidor he consented to her husband's request. So our friend has a new wife, a new JC and a new name. From now on, he is Bummphudge--PJO JRK 000.



## AWT, HAMPTON TOP GIRL HOOP LEAGUE

Having played eight of the twenty-one scheduled games, the girls' basketball league is well underway. The league is made up of seven teams, six from NACA and one from Hampton. All games are played on Wednesday and Thursday nights at the Hampton High School.

With no individual star shotmakers, the girls of AID defeated the Administrative Department 21-18.

Another low scoring battle saw Hampton push across a 9-5 victory over 8-Foot.

In the fastest and best game of the season, Becky Boykin's 16 points led AWT to a 25-19 victory over PRT-16-Foot.

STANDINGS:

Team	W	L	Pctg.
Hampton	2	0	1.000
AWT	2	0	1.000
PRT-16-Foot	1	1	.500
Admin. Dept.	1	1	.500
AID	2	2	.500
PRD	0	1	.000
8-Foot	0	3	.000

## PROPER DIET FOR ATHLETE

by Arvo Luoma

Voluntary contributors to Air Scoop are always appreciated and always few and far between. We were overjoyed, therefore, when Arvo Luoma, captain of last year's basketball champs from 8-Foot, and well known for his athletic prowess, sent along the following script. Arvo, it seems, is a fanatic on the subject of proper diet for athletes. Cletus Vincke, who has succeeded Luoma as captain this year, informs us that the 8-Foot stalwarts are adhering to this rigid training table set-up, but that there has been a little trouble. Hard working high-speed tunnel boys need a bit more food than the average basketball player and he is a bit afraid that some of the fellows have been slipping away and eating something more between meals. "We've got to have some excuse," says he, "for losing those three games."

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## I Wanna Get Maraarried.....

Cupid flew in a P-38, and screaming past all the interceptors, latched onto seven of the Lab's lovelier lassies in a two day attack. Valentine's Day must have had something to do with it, but Harry Shoaf, West Engineering and Green Cow Committeeman, the only entangled male who was available for comment opined, "It must have been the rainy weather."

Starting off with a bang on Tuesday morning, Loualice Georges stood the Stability Tunnel on its ear by her hasty departure following a telephone call from Lieut. Jim Crain who had just reached the west coast after a year in the navigator's office of a B 24 in the Southwest Pacific. Chicago will be the scene in the early spring.

Then along came two others whose final plans are awaiting the commissioning of the loved ones in spring. Evelyn bowers, Flight, will wed Harold Johnson (of the Navy not AWT) as soon as he has Ensign tacked in front of his name on March 6, Mary Lib Kearney. Electrical Office, will become the bride of Lieut. Tom East as soon as the Army does the commissioning honors, also in the spring.

Up until late yesterday, Julie Marsh, Safety Office, simply had an understanding with Harry Shoaf. When she boarded a train for High Point, N.C. last night, she had a ring. Shoaf and his roommates, Paul Taylor and Mel Butler, were in a cold sweat after a forty-five minute dash to purchase the diamond. Shoaf says, 'Next time I'll have one on me.'

The girls in Files got a wire from Madeline Harrison saying that she became Mrs. Lieut. William Grubb in Athens, Tenn., at five o'clock Tuesday afternoon. The telegram added that it was a big wedding.

Nancy Shelton, Personnel Services, added to the consternation of the Women's Counsellor's Office Wednesday morning after a telephone call from Lieut. Bob St. Germaine. Bob recently returned from Italy and had gone to Atlantic City for reassignment. He called to say that he was on his way to Texas, and that if she would agree to it, he would stop in Virginia long enough to get married. Bye-bye, Nancy.

Then, emphasizing that even though the days of miracles have passed, wonders will never cease; who would ever suspect that Elizabeth E. Hobbs, 'Hobbsie' of Employment, would grab herself a man. That's right; it's D. L. Heath, prominent Hampton businessman, and the date--late spring.

That's enough for two days.

WANTED: Will pay cash for class "B" or "C" motor. Harold Crate, Structures, Office One.\*

## LIFE at the LABORATORY

The Stability Division is going all out.....

in its propaganda attempts to convince the Lab that the Stability male reigns supreme. Overnight, circulars and posters have flooded the Lab based on this single modest theme. Stability's barefaced attitude is summed up in bold type at the bottom of each poster by their slogan:

*Our girls love their work!*

*No other division can make this statement!!!*

Apparently the purpose of the Divisional boasting is to entice enthralled or embittered members of the other Divisions to Stability's elaborate 'Annual Winter Festival' (Club Casino, February 26) to compete in some type of contest. However, we're not quite sure because although the whole affair smacks of rampant publicity, the Stability brains conducting the campaign insist they abhor cheap promotional methods and that the whole affair is strictly a matter of principle (Ed. note: principal?) with them. 'Certain crude people,' they remark loftily 'have sought to sully the Division escutcheon by implying that the Stability man lacks grace and beauty. Naturally, we cannot afford to let that sort of thing go unanswered if we are to maintain our lucrative Hollywood contracts.'

Shure, and a great day for the Irish it was.....

when Pat Ryan (of Aircraft Loads Calibration, not Terry and the Pirates) married his fair colleen from Pennsylvania, Catherine Ann Mooney, at St. Vincent's church, Newport News, last Saturday.

'Have You Seen Germany This Summer?'.....

'Fly Better! See More! Use Luft Hansa Airways!' So reads a full-page ad, in 72 point type, in an aeronautical magazine, vintage 1927. It must be heartening to some former copywriter, now probably tired of back-pedaling home from Russia, to know that his well worded ad has brought so many excellent, though tardy, air travellers over Schickelgruberdom. Apparently, however, these so-called sightseers prefer the airplanes of the USAAF and the RAF to those of Luft Hansa.

Club 55 held an open house last Saturday night.....

'Nuff said.

Recent visitors to the Laboratory.....

were Florence Anderson, Consultant in War Production Areas USO Division of the National Board of YWCA, and Loretta Muire, Assistant Director of the Hampton Industrial USO.

Apparently the Training Division didn't.....

offer their course in First Aid any too soon. Since Walter Lee's announcement of his engagement to Evelyn Smith, both of Blueprint, there has been an increased demand for qualified persons to administer treatment for shock in the Reproduction Section.

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## APPRENTICES GRADUATE

(Continued from page 1)

Joseph Robert Lada, Robert N. Stewart, Robert Charles Storbeck, J. Frederick Taub, Willard M. Taub, and Otto Trout.

Machinists: Henry G. Avery, Charles Earle Folk, Frank L. Parmenter, George William Poythress, Edward F. Swansey, and Herbert Schasffer.

Aviation Metalsmiths: James J. Dawson, Walter P. Kabana, and Claud Raymond Panz, and Bertram K. Batzold.

Aircraft Modelmakers: Eugene J. Hartmangruber, Richard Sladek, and Harry A. Nutter.

Instrument Makers: Anthony P. Ianuzzi, Andrew Veryzer, and Robert J.

Effinger.

Radio Technicians: David Francis Kirwan, Charles J. Bernhard, and George A. Evalenko.

Aeronautical Laboratory Technicians: William E. Sparks, Ralph E. Moscatel, Henry Allen Smith, and William Wilson.

Engineering Design Draftsmen: Benjamin Vogel, and Martin A. Weiner.

and E. Willis Woodward, U. S. Veteran Administration, Roanoke.

The graduates and their trades are as follows:

Toolmakers: Frederick A. Breisch, Bert Charles Deis, Francis J. Hilsdon, Jack Albert Kinzler, Thomas J. Kurtyka,

## WHAT IS THE COST OF AN ACCIDENT?

How good are you at estimating? How would you estimate the cost of the simplest on-the-job accident? Suppose that a file clerk carelessly opens three drawers of a cabinet at once, and as the cabinet begins to fall forward, slams them back, jamming a finger between two drawers. What do you suppose that costs?

It sounds like very little, doesn't it, but as a matter of interest why not set down your estimate, then total the figures in the following story. The result is almost unbelievable.

When Jennie slammed her finger in the file, she screamed, and nine co-workers stopped work to find out what was happening. It was a full hour before the office began to function normally. Total man-hour cost -- \$9.88. A station wagon was called to take Jennie to the First Aid Room, and two girls accompanied her. Cost -- \$3.75. At the First Aid Room the nurse treated her finger and sent her home in a station wagon as she was suffering from shock. One girl-friend accompanied Jennie, and took leave for the rest of the day. Cost of nurse's care, transportation, and lost man-hours -- \$15.75. Jennie was unable to return to work for two days, therefore a substitute clerk, working at about half Jennie's skill, took her place. Cost of Jennie's leave and substitute -- \$42.00.

During her absence, the staff was unable to find confidential plans and drawings filed by Jennie. The entire office, including the supervisor, joined in the hunt without success, causing disruption of the office and a production lag of two days in one of the shops. Estimated cost -- \$48.50. On her return, Jennie was able to work at only two-thirds of her normal efficiency for a week. Cost -- \$9.25.

In order that the possibility of similar accidents occurring in the future may be minimized, a study is made of each one that occurs. A medical report and brief review of the case is made by the First Aid staff. This report is sent immediately to the Safety Engineer, who makes an investigation. Cost -- \$7.50. The results of his investigation and recommendations concerning the case are forwarded to the Chairman of the Operations Safety Committee, Chief Maintenance Division, Section Head of injured employee, and Safety Coordinator. Cost of executive time -- \$5.00. The Department Chief and the Chairman of the Executive Safety Committee receive the report next, make their recommendations, and route it to the Administrative Files for filing, and to the Safety Office for reporting to the Compensation Commission who must be informed of all accidents. Cost -- \$7.00.



by LeRoy Spearman

With the weather doing what it is, some persons are finding it difficult to stay in the abounding good health required for maximum efficiency, and since it is necessary for us to stay on our jobs, a few timely tips on keeping fit might be in order.

First, be sure to get plenty of rest. Some people find working eight hours a day so tiring that they must sleep two or three nights a week as well. If you are one of these fragile souls, and live in the vicinity of the waterfront, it is possible that the screaming of the seagulls might keep you awake. If so, sleeping tablets might well be employed. It is no easy matter to get Hampton seagulls to take sleeping tablets but this will prove a minor problem to a determined employee.

Second, breathe plenty of fresh air. When you breathe you inspire and when you don't breathe you expire. Obviously, one should breathe oxygen during the day and nitrogen at night.

Cleanliness is another basic consideration for good health. You should bathe at least once during the summer and not quite so often during the winter.

With the rainy season now in its twelfth month, colds and sore throats

are prevalent. It is claimed that colds can be prevented by drinking warm water and lemon juice an hour before breakfast. However, most persons find that they cannot keep this up for more than 15 minutes.

Persons working in the West Area may find extra precautionary measures advisable, especially with the spring thaw approaching. Talented West Area workers may be able to grow webbed feet, a distinct advantage, but the run-of-the-mill employee can get along nicely with a life jacket, a rowboat and a thorough knowledge of hydrodynamics and artificial perspiration.

It is well, too, to check up on your teeth. Do you know where you left them last? Do they fit well? Are they sufficient in number? Dental authorities tell us we should have a couple of molars, 4 canines (apartment dwellers might find this difficult due to clauses in their leases regarding pets), 4 bicuspid and 2 cuspidors. Certainly this is quite a mouthful but it is necessary to health.

It may seem that we are placing too much emphasis on well-being, but statistics prove beyond a doubt that there are more dead people than there used to be and we feel something should be done about this frightening trend.

## JUDGING OF PHOTO CONTEST POSTPONED

In last week's issue of Air Scoop, it was stated that judging of the Air Scoop Photo Contest would take place this week and that the winners would be announced in this issue.

However, one of the judges was unavailable, and therefore the judging must be deferred until a replacement can be found who is capable of appraising the many fine entries. Announcement of the winners will be made as soon as possible, and the prints placed on exhibition.

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WANTED TO BUY: 2 girls' bikes. Contact Dot Severance or Helen Carlberg.

FOR SALE: 2 1/4 by 3 1/4 Graflex f 4.5 lens, film pack adapter, cut film magazine, and sunshade. C. L. Seacord, Free Flight Tunnel.

WANTED: 20 to 25 foot sailboat. C. L. Seacord, Free Flight Tunnel.

Now add them up. Right you are; I'd hate to pay the bill, too. But I do, and so do you. You might bear in mind that the case we have outlined involves no compensation payment, no damaged material or machinery, and very little lessened production rate. Suppose Joe Doaks lit a cigarette over an open can of dope, burning himself, his bench, his tools, several valuable models, and disrupting the work of the shop. What do you suppose that would cost?

## DIET

From page 3

### TRAINING TABLE VICTUALS

For day of game:

**Breakfast** - this to be substantial, heavy-duty meal.

1 last fall's apple.

1 soggy piece of toast.

1 re-gnawing of last night's pork chop bone.

2 glasses of spigot water - straight.

**Dinner** - another heavy-duty, fortifying meal:

1 dry sandwich, preferably one that has been hanging around a couple of days.

1 wizened apple, a fit running mate for the apple consumed for breakfast.

1/2 doz- peanuts.

**Supper** - this meal must be very light but also nourishing. One must not load the stomach for the game.

**Entree:**

1 jumbo can of Heinz Boston baked beans.

4 or 5 soggy, doughy biscuits with Richfield #180 lubricant in lieu of butter.

1/2-pound of hotdogs baptized in French's mustard. Pickalilli and pickles etc. - help yourself.

**Main course:**

'Poke' chops - 3 or 4, you name it.

French fries - a bucketful.

Ham

Pig's feet.

Plenty of potatoes, boiled.

Plenty of macaroni, boiled.

**Hominy**- fill 'til your teeth bulge out.

Pickles, crackers, etc. - of course.

**Dessert:**

Pie

Ice cream

Cake

Whipped cream

**Pre-game conditioner** - for best results to be taken 10 minutes before game:

1 big, heaping dish of rich, gooey ice cream.

1 big, slab fruit cake.

Fanny Carner chocolates.

**Game time** - Keep mouth full of polished rice.

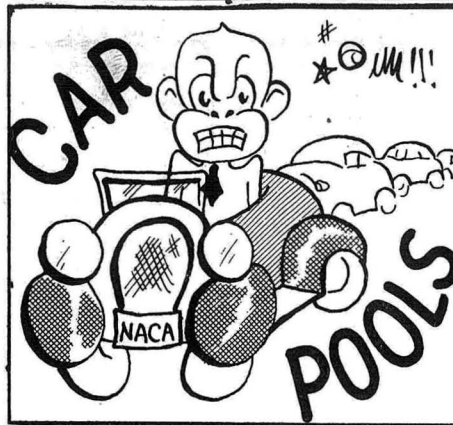
You should be in razor-edge condition - ready for the best game of your career.

## COW DRIVE

The Executive Committee of the Noble Order of the Green Cow announced this week that membership tickets are now being prepared and will be put on sale some time next week.

John Houbolt, chairman of the Committee, announced that section representatives will be named to assist in the sales and that their names will appear in next week's issue.

According to Cow Publicity Director Gerry Kayten, it is understood that the first dance of the season will be held within three weeks. Details will be made public shortly.



(Scoopie gives, herewith, some helpful hints on how to increase business for the bus and trolley lines and make drivers give up their cars.)

One of the surest ways to make your ride give up driving is to become a dual-personality boy - a dawdler in the morning, an eager beaver at night. This method is not only effective, it is extremely simple, requiring practically no intelligence. This is how it works....never, under any circumstances, be found at your rendezvous point at the right time in the morning. Let your ride wait. Let him toot for you half-heartedly at first, and with increasing vigor as he tries to think of a newer excuse for being late than, "Honest, all my riders overslept again," and while your rudely awakened neighbors shower their blessings on him, his antecedents, and his descendants for all eternity. After everyone within earshot has been thoroughly aroused, dash out to the car and say, in injured tones, "Kinda early this morning, aren't you."

In the evening reverse the procedure. Sprint out of your building like Jesse Owens at the starting gun so your ride can't possibly beat you to your meeting place. Tap your foot impatiently and at one minute intervals stand on tip-toe and survey the approaching cars. When your driver arrives be sure to say, in the same injured tones you used in the morning, "Kinda late this evening, aren't you."

If you're a girl rider, maximum results can be obtained by helping, verbally, to drive the car. "Watch out

for that red light," "Be careful, remember your tires are pretty smooth and if you skid we'll all be killed," or "Eeeeee, watch out for that dog (the latter phrase accompanied by grasping the wheel and turning it sharply) are helpful suggestions that all drivers dearly love. It fills them with caution, puts their nerves on the alert, and makes them listen most attentively to the radio ads offering spot cash for used cars. It also turns their minds to legal matters and drivers upon whom this method has been used can frequently be found in the library looking up the laws of Virginia regarding justifiable homicide.

Many feminine connoisseurs of the subject, however, think the above method rather obvious, but they have high esteem for the system of taking their rides on shopping tours. This is done by inquiring sweetly, "Are you going through town?" If the unwary driver says yes, ask him to stop at a certain store and say, "You don't mind waiting just a half a second, do you. I'll be right out." Then take your time. Look at price tags, try on hats, and call for your laundry while your driver is thinking dark thoughts of his dinner getting overcooked at home, what he's going to tell his wife this time, and maybe the trolley isn't so bad after all.

When all else fails, the Vanishing American system is guaranteed to work. Never inform your ride when you are taking leave. Let him call for you, tootle for you, and have him come in and find out what's wrong when enough time has elapsed to make him good and late. Greet him at the door quite sharply and keep him there while you give a detailed account of why you won't be going that day.

Never call up your ride if you're going home with someone else in the evening or leaving at a different time. Let him keep traffic snarled while he waits, or let him waste gas circling around until he throws up the sponge and leaves. On the next day, when he asks what happened, be sure to give him the impression that you think he's fibbing about waiting for you, and assure him you were at the proper place at the proper time.

## SAVE TROUBLE! USE PROCEDURE MANUAL

Do you want to know exactly how to apply for leave on a holiday, how to secure a gasoline ration application, how to fill out a job order blank, or find the answers to any of the million and one questions on procedure that arise every day? You can save yourself endless telephoning, save your fellow workers the annoyance of finding out for you and, in addition, be certain of getting correct information by consulting the Procedure Manuals which have been placed in every section.

This Manual is a black-bound volume

of mimeographed sheets and sample forms which contains information covering practically any situation which may come up. It is cross-indexed for ready reference and is kept up to date. New employees especially will be interested in this book which is available from the Section heads or their secretaries, and many old employees too will find it to their advantage to go through the manual occasionally in order to keep abreast of new regulations, or procedures that have become obsolete.