

Air Scoop



SAVINGS BOND DRIVE STARTS

The 1949 Spring Savings Bond Drive will get underway at the Laboratory this week and will run through June 30. The 1949 effort has been titled "Opportunity Drive" and is being advocated with a symbol of the covered wagon of the 1849 Gold Rush, a symbol steeped in American tradition and great in dramatizing the history of a peoples' determined search for SECURITY and OPPORTUNITY.

The Treasury Department reported that the 1948 Savings Bond Program brought sales to a record peace time total of 7.3 billion dollars which shows that the automatic savings plan for small investors seems to be the best and most popular way of acquiring savings.

It was also pointed out that every individual holder of Savings Bonds becomes a better citizen interested in better government because, like corporation stockholders, he has a financial, as well as an active, stake in Uncle Sam.

According to the Treasury report as of December 1948, in the agencies which had more than 1,000 employees the NACA ranked fourth in percentage of employees participating in the payroll savings plan. This brings to light the fact that Laboratory employees, along with other purchasers of Savings Bonds, realize that by keeping our economy stable through creating financially sound families and communities with reserves of purchasing power, we help prove that our American system is best.

During the Laboratory's campaign each employee will be contacted and given a Bond Authorization Card. Persons desiring to make a change in their bond allotments should properly execute the card and forward it to the Payroll Office.

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CARNIVAL FEATURES FUN, PRIZES GALORE

Hey there! Get your tickets now for the big Carnival June 10 and 11 at the Activities Grounds. There will be fun and prizes galore. Prizes will be awarded every hour on the hour from opening time to closing time each day.

Beginning Friday the following prizes will be given away:
5 p.m. - Electric Clock Radio;
6 p.m. - 6 place setting of plated silver; 7 p.m. Ladies Overnight bag; 8 p.m. Coffeematic Percolator; 9 p.m. - Camera with flash outfit; and 10 p.m. - ELECTRIC MANGLE IRON.

Now that's not all. On Saturday beginning at 1 p.m. an Electric blanket will be given away; 2 p.m. - Electric food mixer; 3 p.m. - Set of socket wrenches; 4 p.m. Electric steam iron; 5 p.m. Electric living room clock; 6 p.m. - set of dishes; 7 p.m. - Salt water rod and reel; 8 p.m. - Pop-up toaster; 9 p.m. - Bridge table and chairs; 10 p.m. - PHILCO CONSOLETE TELEVISION SET with free installation.

(Continued on page 2)

ISSUE WARNING TO EMPLOYEES

It has been brought to the attention of the Safety Officer that certain West Area employees continue to ignore traffic safety measures instituted at the West Gate during the afternoon traffic rush.

Two lanes of exit traffic have been set up, one for vehicles turning left toward Hampton and the other for those desiring to turn right toward Yorktown. It has been noted that a number of employees driving toward Hampton have been trying to save time by slipping into the Yorktown line, proceeding a short way down the highway toward Yorktown, then making a U-turn toward Hampton. In some instances, these motorists have been backing onto the Yorktown

(Continued on page 2)

THOMPSON SPEAKS ON ROCKET MODELS

NACA Scientists, working with rocket-propelled models and weighted models dropped from airplanes, have made substantial progress in the exploration of transonic and supersonic flight problems, members of the Institute of the Aeronautical Sciences and the Royal Aeronautical Society were informed yesterday in New York.

This phase of the NACA's research program was described at the joint New York meeting of the American and British scientists by Floyd L. Thompson, Chief of Research at Langley.

This work, Thompson said, has provided information of especial value to the research airplane program now being conducted at Muroc Lake, California, by the U.S. Air Force, Navy Bureau of Aeronautics, the aircraft industry, and NACA.

"It has been possible by means of these techniques to determine, prior to flight, important information concerning the expected behavior of the transonic research airplanes in the critical high-speed range of their flight," Thompson noted.

"During the past several years," Thompson reported, "it has been necessary for aeronautical research workers to exert a good portion of their effort in developing the means for conducting research in the high-speed range. The transonic range particularly has presented a very acute problem because of the choking phenomena in wind tunnels."

To assist in meeting these problems, the NACA developed techniques for conducting high-speed research in free flight with models propelled by gravity and rockets. "These methods yield continuous data through the transonic range, thereby permitting the research worker to obtain the basic aerodynamic data required for aircraft and missile design," he said.

(Continued on page 3)

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BRAINBUSTER NEWS

By Jesse Shepherd

At a meeting held at the Langley Hotel last Tuesday Mr. Frost, a representative from Plymouth Corporation, met with local model representatives and Peninsula Plymouth Dealers. Earl Popp, IAL, represented the Gas Bugs, Paul Marchal and Bill Poythress, both of W. Engineering, represented the Brainbusters, and Tom Hulcher, PARD, District Vice President of AMA represented the AMA and the Peninsula area.

Frost explained the Plymouth plan to sponsor numerous model contests throughout the country. Plans call for a certain number of top flyers from each area to compete in the International Contest at Detroit in August. The contestants will be winners of local Plymouth sponsored contests.

Word has been received that local contenders for a place on the U.S. Wakefield team may compete at elimination contests in New York or Atlanta at a time to be announced soon.

CARNIVAL

(Continued from page 1)

You must be present to win all prizes except the Mangle iron at 10 p.m. on Friday and the Television set at 10 on Saturday.

Don't think the children have been left out. A special prize of a chain drive tricycle will be given to the child with the lucky ticket and the chances are absolutely free. Children just have to fill out a stub when they come on the Carnival grounds and the drawing will take place at 3 p.m. on Saturday. There will be additional gifts for all the children.

Get your tickets now from your District Representative and make arrangements to be at the Carnival. And don't forget dancing Friday and Saturday nights.

ISSUE WARNING

(Continued from page 1)

highway in making the U-turn.

In a previous issue of "Air Scoop", the cooperation of all concerned was requested in assisting military police in expediting the flow of traffic out the West Gate and in eliminating, driving practices that are dangerous to all concerned.

According to Harold R. Turner, Safety Officer, State policemen will patrol the Yorktown Road area in the vicinity of the West Gate and traffic tickets will be issued to traffic regulation violators.

LIFE AT THE LABORATORY

Sporting a new.

sparkler on her third finger left hand is Betsy Feamster, Personnel Records. She is engaged to Roy Maggin of Hampton and wedding bells will ring sometime in October.

Passing out cigars.

and gradually recuperating from the ordeal of becoming a new father is Don Hewes, Free Flight. The new arrival is a daughter, Bonita Mary, and she was born on Saturday, May 21.

Making plans.

to become a June bride is Ruth "Boots" McAlexander, Report Typing. She is engaged to Kimber White of Hilton and the wedding will take place Saturday, June 25 at the Hilton Baptist Church.

Music Club members.

are reminded of the meeting at 7:30 p.m. Wednesday, June 1 at the Activities Building. High fidelity equipment will be used and an excellent presentation of the following Spanish and Latin-American program is anticipated: de Falla's "El Amor Brujo", Ravel's "Rapsodie Espagnole", Rimski-Korsakoff's "Capriccio Espagnol", and several short numbers by Villa-Lobos.

Making plans.

to join the group of ineligibles is Chuck Whitcomb, 16-Foot Tunnel. The prospective bride is Angeline Matthews of Hampton and wedding bells will ring on Saturday, June 18.

Celebrating the arrival.

of a new heiress is Seymour Stein, West Engineering. The new daughter is named Boneta Ann and she arrived on Friday, May 20.

A special invitation.

was issued to Bill Poythress, West Engineering, to demonstrate his automatic hydraulic brake for a trailer at the First International Inventors Exposition on June 4-11 at the Grand Central Palace, New York. The Exposition is sponsored by the American Institute of Inventors.

Keeping the.

Harold Ayres household awake nights is a new son. The proud father works in Instrument Construction.

Visiting the Laboratory.

and viewing a few of the research facilities last Wednesday were Representatives Carl Hinshaw of California and Neil J. Linehan of Illinois. Dr. Hugh L. Dryden, Director of Research, and John F. Victory, Executive Secretary, accompanied the Congressmen.

Quite proud.

of his new daughter is Edward Maher, Head of Report Distribution. The young lady was named Kathleen Theresa and she arrived on Wednesday, May 25.

Congratulations to.

Ray Vogler, 7 X 10, for being picked as one of the winners in the contest recently sponsored by the Kaiser-Fraser Corporation. Roy won \$1,000 toward a new car.

FOR SALE: Sun-visor for new car.
\$20. M. Norman, Payroll.

FOR SALE: Lot in Buckroe -
50 X 180. Hanson, Purchase.

SOFTBALL NEWS

Quite a number of softball games were played last week and due to the limited amount of space only a few words can be said about each game.

Allowing only two hits, Roy Lange, Full Scale, pitched his teammates to a 10-1 victory over the Apprentices. The losers' lone run of the day came in the first inning and Full Scale scored half of their 10 in the first. Losing pitcher Forrest was nabbed for 15 hits.

19-Foot came through with a one-sided 14-2 win over Instrument Service. The losers were held scoreless until the sixth inning when they scored one and added another in the seventh. Winning pitcher Pat Cancro allowed 6 hits to losing pitcher Ingebritzen's 17.

In another one-sided battle Structures took a 23-3 win over 9-Inch. The winners scored in every inning except the third but their big rounds came in the second and fifth when they chalked up 6 runs each time. Andy Anderson served on the mound and allowed 4 hits while losing pitcher Falk gave up 10.

In a game that started off to be a close battle with the score tied 3-3 at the beginning of the fourth, the Construction Engineering team started hitting and walked off with a 16-6 win over 7 X 10. Winning pitcher Dykes gave up 7 hits to Andrew's 10.

In a free hitting game Low Turbulence ended up on the winning end of a 9-5 battle with Tank. Winning pitcher Carl Cecil allowed 10 hits while losing pitcher Baals gave up 12.

Behind the one-hit pitching of Freddy Eubanks, West Machine took a 9-0 shutout over 16-Foot. Chuck Whitcomb spoiled an otherwise perfect record for Eubanks when he connected for a single in the seventh. The winners scored their runs in the first three innings but were held scoreless throughout the remaining part of the game.

In a closely played game that went nine innings, Spin Tunnel came out on the winning end of an 8-7 battle with IAL. Spin Tunnel was trailing 1-4 at the beginning of the sixth but chalked up 5 runs to take a 6-4 lead. IAL came back in the seventh to tie things up and went on to take a 7-6 lead in the first of the ninth but Spin Tunnel came through with two runs to take an 8-7 win.

After winning their first game

THOMPSON SPEAKS

(Continued from page 1)

In the gravity-propelled or free-falling research method, 1,000-pound bodies with model wings and tails attached are dropped at heights ranging from 35,000 to 40,000 feet. In falling, they attain velocities considerably in excess of the speed of sound.

A combination optical radar tracking unit and an automatically recording phototheodolite are employed to determine velocity of the body, while measurements of such factors as wing, tail, and over-all drag made by instrument inside the body are being telemetered to the ground.

Research conducted with both the free-falling bodies and rocket-controlled models has included comparison of the drag coefficients of rectangular and sweptback wings as well as experiments with flutter in the transonic range which has contributed valuable data for both general and specific application.

WANTED: Passengers to Washington or Baltimore June 3. Webster, 4-Foot.

FOR RENT: Apartment - no children. Boone, 203 N. First St., Buckroe.

since 1947, 8-Foot dropped back again this week to take a 15-9 defeat at the hands of Aircraft Loads. Winning pitcher Walls allowed 11 hits and losing pitcher Peniley gave up 12.

In another one-sided game, West Model walked away with a 25-4 win over Flight Research. West Model's big inning came in the seventh when they added 10 more runs to their record. Winning pitcher Moore gave up 8 hits to losing pitcher Assadourian's 22.

Full Scale came through with a 9-3 win over PRD to continue on their winning streak. Winning pitcher Roy Lange allowed only three hits while losing pitcher Lassister gave up 13.

Electrical added another win to their record when they took an 8-3 win over PRD. Winning pitcher Johnny Knemeyer gave up 5 hits and struck out 1 while losing pitcher Lassister gave up 7 hits and struck out 3.

IRD took their first defeat of the season when Al Martina pitched his 19-Foot teammates to a 7-1 victory. IRD's lone run came in the first inning and 19-Foot scored 3 in the first, 2 in the second, and 2 in the fifth. Martina allowed four hits while losing pitcher Raoul Bugg gave up 8.

GOLF TOURNEY STARTS JUNE 5

A field of approximately 35 golfers are expected to compete in the "Air Scoop's" Fourth Annual Golf Championship Tournament which will get underway at the Hampton Country Club during the week of June 5.

The four dollars entrance fee, which includes green fees, should be in the "Air Scoop" Office, Service Building by the close of business today. As has been announced previously, members of the Hampton Country Club will be required to pay only the two dollars entrance fee.

George Griffith, Structures Research, will be on hand to defend the championship title which he won last year by defeating Mel Gough, winner of the 1947 tournament, 1 up - 19 holes. Also out to capture top honors this year will be Jim Bertoci, winner of the 1946 tournament.

As soon as all players have entered, each one will be notified as to the flight he will be placed in and his opponents. Golfers will be given a week in which to complete each round. The first round must be played between June 5 and 12, the second between June 12 and 19 and the third between June 20 and 25. The third round must be completed by Saturday, June 25 because the finals in each flight will be held on Sunday, June 26.

Tentative plans are underway to award the winner of the first flight with the perpetual trophy and an engraved Elgin wrist watch and engraved trophies to the winners of the second and third flights. Plans are also underway to award a blind prize. The prize will be based on the first round and the player or players scoring the winning total of strokes on certain holes will win so each contestant is urged to keep a medal score of the first match.

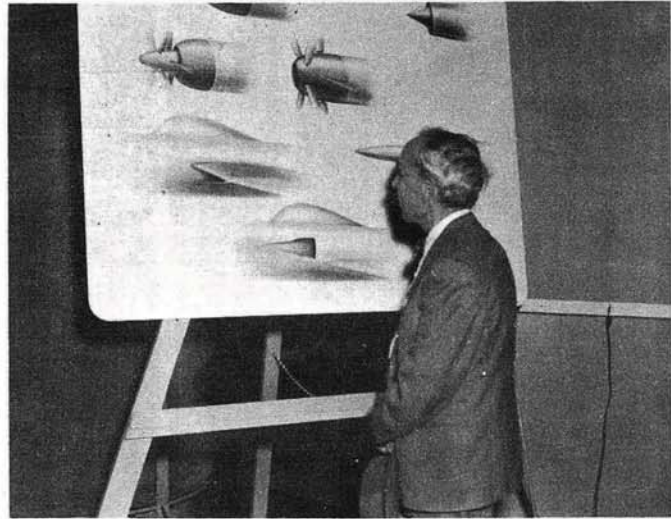
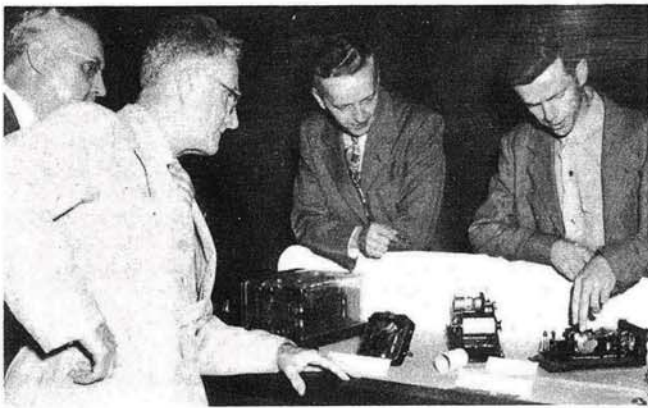
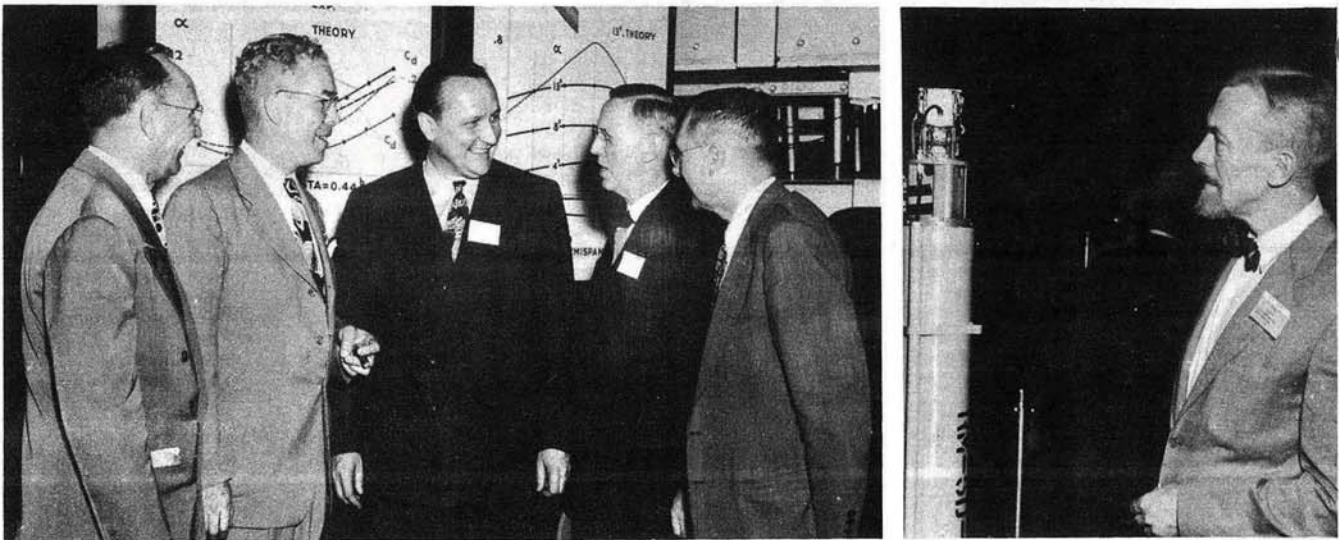
FOR SALE: 18-Foot International racing Flattie sail boat. \$350. Anderson, Structures.

FOR SALE: Refrigerator, dinette set, sofa, and bicycle. Saunders, Hampton 5551.

FOR RENT: Room for 6 NACA boys. Mrs. Fuller, Hampton 4852.

WANTED: Ride for 3 from Southampton to W.A. on 7:30 shift. Serice, 4472.

HIGHLIGHTS OF 1949 BIENNIAL INSPECTION



Shown above are a few of the guests who visited the Laboratory during the 1949 Biennial Inspection. Shown in the picture in the upper left hand corner are (from left) Smith J. De France, Director of Ames Laboratory; Dr. H. J. E. Reid, Director of Langley Laboratory; Senator W. P. Knowland, of California, a member of the Senate Armed Services Committee; John F. Victory, NACA Executive Secretary, and Dr. Hugh L. Dryden, Director of Research. Shown on the right is Omer Welling, Civil Aeronautics

Administration. The picture on the left in the center row shows T. P. Wright, Committee Member, inspecting facilities at IRD. Laboratory employees are Harry Ricker and Norman Richardson. On the right Brig. Gen. F. M. Cannon, 82nd Division, Ft. Bragg, inspects the Collier trophy. Lower left - Howard Edwards, IRD, explains the test set up to Marvin Schuldenfrei, former employee, and on the right G. M. Bellanca, of Bellanca Aircraft Company, looks over one of the displays.