



CARNIVAL STARTS THIS AFTERNOON

This afternoon at 4 p.m. the biggest, most gala weekend in the history of the laboratory starts with a bang. The midway opens immediately after apprentice graduation and will supply you with entertainment this afternoon and tonight and tomorrow afternoon and evening.

TRANSPORTATION

Your Morale Activities has been working hard to see that there is fun for all and has now cleared the last obstacle in the path of many, the problem of transportation. You may now take a Langley Field bus in Hampton, descend from the bus at the first traffic circle on Dodd Boulevard and transportation will be furnished to the Activities Building and will run back and forth at regular intervals for your convenience. Transportation will be furnished between these two points from 7 p.m. to 11 p.m. Friday and from 1 p.m. to 11 p.m. on Saturday.

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BOND CONTEST DETAILS LISTED

H. Arthur Samet, chairman of the Laboratory's Security Loan Drive, reported that during the first few days of the campaign here a total of 150 bond changes were received, including new subscribers and increased allotments.

Meanwhile, the basis on which the winner of the Morale Activities Association's prize for the Laboratory group making the best showing in the purchase of bonds through the pay roll deduction plan was announced.

The following points will be given the various groups in the contest: 1 point for each 10 per cent in the number of bond subscribers to the total number of Personnel in the group; one point for each 20 employees in the group who subscribe; one-half point for each per cent of the ratio of the

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E. Raymond Sharp

SHARP RECEIVES DOCTOR'S DEGREE

E. Raymond Sharp, former administrative officer of the Langley Laboratory and present director of the Cleveland Laboratory, has been awarded the honorary degree of Doctor of Science by the Case Institute of Technology in Cleveland.

The honor was conferred on Sharp, a native of Elizabeth City County, during commencement exercises held at the Cleveland school last Saturday. Among those present at the ceremonies were his wife, the former Miss Vira Bona of Hampton, and his mother, Mrs. Lilly Oldfield Sharp, formerly of Hampton and now of Cleveland.

The honorary degree was awarded to Sharp for his contributions to science and for his leadership in the establishment of the laboratory at Cleveland and for his service as director of the Cleveland Laboratory during the war and during the many changes after the war occasioned

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Air Scoop, June 11, 1948
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18 APPRENTICES GRADUATE TODAY

Eighteen apprentices will receive certificates for the completion of their apprenticeship training at the sixth annual graduation exercises which will be held in the Activities Building at 3 p.m. this afternoon.

Principal speaker at the exercises will be William J. Moore, Federal Apprentice Training Service, who will be introduced by John F. Victory, Executive Secretary of the NACA.

Certificates will be presented the graduates by S. Walter Hixon, Jr., Supervisor of Training. J. Everett Forehand, metal modelmaker, will speak for the graduating class and Robert L. Gungle, apprentice sheetmetal worker, for the student body.

Dr. H. J. E. Reid, Director, will preside at the ceremonies and will welcome the guests. The Rev. Raleigh M. Engle, pastor of Hampton Presbyterian Church, will

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CIVIL SERVICE EXAMS OPENED

The NACA Board of U.S. Civil Service Examiners has announced the opening of Civil Service Examinations for the following positions: Construction Inspector, CAF-7, \$3397; Electronic Instrument Maker, WB-6 to WB-13, \$2433 to \$3640; Electronic Instrument Maker Group Leader, \$3848; Equipment and Material Inspector, CAF-6, \$3021; Hangar Mechanic, WB-8, \$2745; Helper (Diesel Engine Mechanic), WB-5, \$2267; Helper (Electronic Instrument Maker), WB-5, \$2267; Helper (Plate Photographer), WB-5, \$2267; Helper (Pipefitter), WB-3, \$1955; Instrument Installation Mechanic, WB-10, \$3057; Instrument Shop Mechanic, WB-10, \$3057; Instrument Maker I and II, \$3432 to \$3640; and Radio Mechanic I and II, \$2745 to \$3057.

Also open is the Accountant and Auditor examination, CAF-7 to CAF-15.

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The Air Scoop, an official publication of the Langley Memorial Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Field, Virginia, is published weekly in the interest of its employees. Address contributions to the Editor, Service Building, telephone 2376.

Editor Ruth Angel

Staff Photographer Bill Taub

Reporters Langley Employees

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WEATHER HOLDS UP SOFTBALL LEAGUE

This season the weather man seems to be giving the softball league a hard time, but a few teams manage to sneak in a game now and then between thunder storms.

In one of the games that sneaked by the weather man, Instrument Research came out on the winning end of a 9-3 game with 16-Foot Tunnel. Winning pitcher Bugg allowed only two hits, struck out 14, and walked none while losing pitchers Pearson and Hunt together gave up 5 hits, struck out none, and walked 10. Star batter for the day was Stokes Hoffman, IRD, who connected for two singles and a triple.

Electrical Shop added another win to their perfect record by downing Engineering Services 8-4. Electrical took a 2-0 lead in the first inning, added 3 in the second and 3 more in the third. Winning pitcher Johnny Knemeyer gave up only 3 hits, walked 6, and struck out 2 while losing pitcher Williams allowed 9 hits, walked 3, and struck out none. Stars at the plate were Nettles with 3 singles and Moore with 2.

16-Foot Tunnel took a close 9-8 win in a recent game with Physical Research. 16-Foot led 2-0 at the end of the first inning and added two more in each of the third and fourth innings to lead 6-0 at the beginning of the fifth. PRD came through with 5 runs in the fifth to narrow the margin 6-5 but 16-Foot came back with 2 and added one more in the sixth. The losers made a last desperate attempt by adding 3 more in the seventh but fell one run short of tying the score. Winning pitcher Hunt gave up 12 hits, no strike outs or walks, while losing pitcher Price gave up 13 hits, walked 2, and struck out 1. Star batters for the winners were Himka and Korycinski who connected for homers and Hunt with a triple.

In a closely played game East Compressibility took a bare 7-5 win over Full Scale. The losers led 5-0 at the end of the fifth but E. Compressibility came through with 3 in the third and 4 in the fifth to win the game 7-5. Winning pitcher Luke Liccini gave up 5 hits, walked 4, and struck out 1 while losing pitcher Roy Lange gave up 8 hits, walked 3, and struck out 4. Semento and Wladarski connected for 2 hits for the winners and Lange and Barnett gave a similar performance for the losers.

LIFE AT THE LABORATORY

Well, it looks as though

Dan Cupid has been putting in quite a bit of overtime. One of his latest victims is Rosemary Bryant of Full Scale Analysis and the prospective groom is Robin Pollock of Hampton. No definite date has been set for the big event.

Another surprise engagement

announcement came our way when we learned that Becky Boykin, Gas Dynamics, was sporting a new sparkler on the third finger left hand. She is making plans to marry Lt. Jim Aiken of Etowah, Tennessee, on Wednesday, July 7.

Tomorrow is the day

when Betty Newbold, formerly of Files, will take her final vows with Charles Shannon. The wedding will take place at the Trinity Methodist Church in Newport News.

Passing out cigars

this week is Paul Kuhn of Structures Research. He became the father of a daughter on Saturday, June 5.

Another Laboratory maiden

Ellen Addison, Library, will join the ranks of "old married folks" tomorrow when she says "I do" to Henry Richardson of Hampton. The wedding will take place in Baltimore.

Word has just reached

the Laboratory that Louise Born, Fiscal Division, became the mother of a daughter on Friday, June 4.

Still more weddings

and engagements but after all this is June, the month of brides. Another Laboratory maiden who is sporting a new rock is Anna Mae Justice, Payroll, and she is making plans to marry Donald Bailey of Newport News on July 10.

The Laboratory lost

another bachelor when Dick Denton, West Machine Shop, joined the ranks of "ineligibles". He was married Friday, May 28 to Venida Budlongs of Newport News.

Wedding bells

will ring next Tuesday when Ted Berman, Spin Tunnel, and Jane White, Library, tie the final knot at the Colony Inn.

Another proud papa

who is passing out cigars is Kenneth Goin, 19-Foot Pressure Tunnel. He became the father of a son, Kenneth William, on May 31.

Next Thursday

is the big day for Robert Howell, 19-Foot, when he will take his final vows with Tal Stone of Baton Rouge.

Word has just reached

the Laboratory that Bob and Doris Cohen Jones, formerly of Stability Analysis, are the proud parents of a son.

Wedding bells

will ring tomorrow when Jane Currin, Structures Research, and Dick Kuhn, 7 X 10-Foot Wind Tunnels, say "I do" at the Aldersgate Methodist Church in Wythe.



Paul E. Brogan
 "Paul"
 Age: 23
 Home State: Virginia
 Sheetmetal Worker
 East Sheetmetal Shop

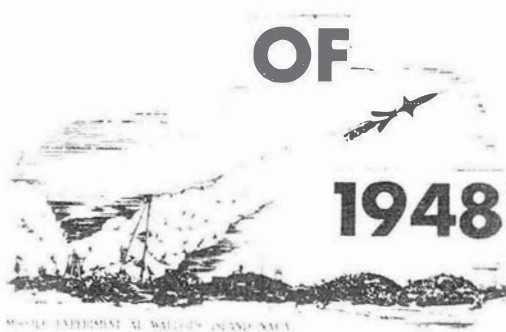


Frank Canale
 "Greek"
 Age: 24
 Boston, Massachusetts
 Metal Modelmaker
 West Machine Shop



William J. Coley
 "Jack"
 Age: 25
 North Carolina
 Machinist
 West Machine Shop

CLASS



Viggo C. Dereng
 "Blondie"
 Age: 23
 Virginia
 Metal Modelmaker
 West Machine Shop



W. C. Falk
 "Bill"
 Age: 27
 Michigan
 Metal Modelmaker
 East Engineering



Marvin S. Finch, Jr.
 "Marvin"
 Age: 25
 North Carolina
 Sheetmetal Worker
 West Sheetmetal Shop



J. Everette Forehand
 "Everette"
 Age: 22
 Virginia
 Metal Modelmaker
 West Engineering



Leo Forrest
 "Leo"
 Age: 22
 Virginia
 Modelmaker
 West Model Shop



George C. Gentry
 "G"
 Age: 24
 Tennessee
 Engineering Design Draftsman
 Engineering Section



Reid A. Hull
 "Reid"
 Age: 25
 Tennessee
 Engineering Draftsman
 East Engineering



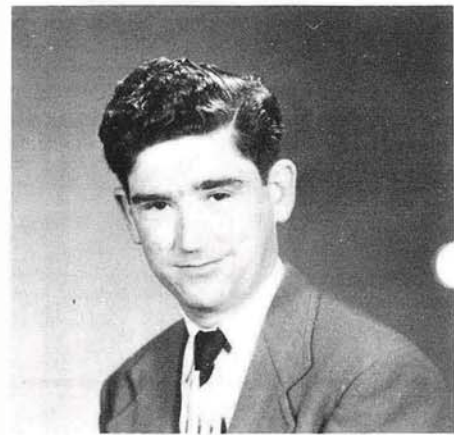
Paul M. Marchal, Jr.
 "Paul"
 Age: 26
 Iowa
 Engineering Draftsman
 West Engineering



Howard B. Miller
 "Benny"
 Age: 29
 Pennsylvania
 Instrument Maker
 Instrument Construction



Ernest L. Rowe
 "Ernest"
 Age: 22
 North Carolina
 Electrician
 West Electrical Shop



Jesse F. Shepherd
 "Shep"
 Age: 26
 Texas
 Aircraft Metalsmith
 West Engineering



Sterlin Smith
 "Smitty"
 Age: 26
 North Carolina
 Modelmaker
 West Model Shop



Lewis B. Thurston, Jr.
 "Lewis"
 Age: 23
 Ohio
 Sheetmetal Worker
 West Sheetmetal Shop



Robert P. Weaver
 "Bob"
 Age: 25
 Michigan
 Engineering Draftsman
 West Engineering

BOND CONTEST

(Continued from page 1)

total amount of bond deductions to the total amount of the regular bi-weekly earnings of the group, including the non-subscribers.

Samet pointed out that only the purchase of bonds through the pay roll deduction plan will be counted in the contest. For purposes of the contest, new purchases or increased allotments must begin not later than the pay roll period ending June 26 and bond cards must be received in the Fiscal Division not later than the close of business on June 25.

Samet emphasized that the contest will be judged on the final standing of the various groups as of June 26, meaning that credit will be given to employees who had signed up for bonds prior to the beginning of the Security Loan Drive, if the allotment has not been cancelled since.

It was announced that the contest prize will be in the form of a party to the winning group. While the contest prize is being donated by the Morale Activities Association, details of the contest are being handled by Samet and his Security Loan Drive Committee.

The various Laboratory sections are divided into the following groups: 1. Personnel Division, 2. Procurement Division Office and Stock Section, 3. Purchase Section & Procurement Control; 4. Fiscal Division, 5. General Service Division Office, Technical Illustrators, Central Reproduction, 6. Office Services Section, 7. Reproduction, 8 IRD-Office of Chief, 9. Flight Instrument Development Section, 10. General Instrumentation Research Section, 11. PAR Instrumentation Section, 12. ISS, 13. Mechanical Service Division-Office of Chief and Electrical Service Section, 14. E. Machine, 15. W. Machine, and 16. Instrument Construction Shop.

17. W. Model and Foundry, 18. Dynamic Model and E. Model, 19. E. Sheetmetal, 20. W. Sheetmetal, 21. Eng. Serv. Div.-Office of Chief, Eng. Projects, Elec. Engineering, 22. W. Engineering, 23. E. Eng. and Eng. Specifications, 24. Construction Engineering, 25. Maint. Div.-Office of Chief & Construction-Repair, 26. Mech. Maint. Section, Fire Protection & Watch Section and Firefighters, 27. Transportation & Service, 28. Research Department-Office of Chief Editorial, Research Personnel, W. Computers, Bell Computers, 29. FRD-Office of Chief, Flight Performance, Gen. Aero., Stability & Control, Flight Instrumentation, Flight Computers, 30. Flight Opera-



The annual softball game between Tank #1 and Tank #2 was played last Saturday afternoon with Tank #1 winning 8-2. Above, the Hydrosot trophy is being presented to the winners at the banquet following the game. Shown (from left) are D. R. Woodward, captain of Tank #1 team; Jimmie Betts, toastmaster; and Ed Zavada, captain of Tank #2 team. --Photo by Tankerslay

SHARP RECEIVES

(Continued from page 1)

by the growing importance of high speed flight.

Dr. Sharp served at this Laboratory from 1921 to 1940, at which time he was transferred to Moffett Field to oversee construction of the Ames Laboratory. He became construction administrator for the new laboratory at Cleveland in the fall of 1940 and later was named as its director. Dr. Sharp attended local schools, studied law four years at the extension school of the College of William and Mary, and served four years in the Navy.

FOR SALE: Black and Decker 3/8-inch heavy duty drill. \$45. Kurt Strass, PARD.

tions, 31. ALD, 32. Structures, and 33. Full Scale Res. Div.-Office of Chief, FST, Full Scale Analysis.

34. 19-Foot, 35. Low Turbulence, 36. 8-Foot, 37. 16-Foot, 38. Stability Res. Div.-Office of Chief, Stability Analysis, 7 X 10, 39. Spin Tunnel, Free Flight, DTOS, Stability Tunnel, 40. Compressibility Res. Div.-Office of Chief, Rotating Machine Aero., 24-Inch, Gas Dynamics, 41. Supersonic Tunnel, 4-Foot Tunnel, IAL, 42. Hydrodynamics Div., 43. FRD, 44. PARD-Office of Chief, Stability & Control, Gen. Aero., Propulsion Aero., PAR Operations, 45. Wallops Island, 46. Muroc Lake Project, and 47. Office of Director, Budget Office, Safety Office, Office of Chief of Adm. & Tech. Serv. Dept., Planning Office, and Correspondence Office.

18 APPRENTICES

(Continued from page 1)

offer the invocation.

The graduates and their trades are as follows: Paul E. Brogan, sheetmetal worker; Frank Canale, metal modelmaker; William J. Coley, machinist; James C. Conley, machinist; Viggo G. Dereng, metal modelmaker; Wilbert C. Falk, metal modelmaker; Marvin S. Finch, Jr., sheetmetal worker; J. Everett Forehand, metal modelmaker; Leo C. Forrest, modelmaker; George C. Gentry, engineering draftsman; Reid A. Hull, engineering draftsman; Howard B. Miller, instrument maker; Paul M. Marchal, Jr., engineering draftsman; Ernest L. Rowe, electrician; Jesse F. Shepherd, aircraft metalsmith; Sterlin Smith, modelmaker; Lewis B. Thurston, Jr., sheetmetal worker; and Robert P. Weaver, engineering draftsman.

Music will be furnished by the Langley Air Force band, conducted by Chief Warrant Officer Elmer Reade, and will include the prelude, Phil Lang's arrangement of "School Days" and the national anthem.

REEMPLOYMENT RIGHTS TO EXPIRE OCTOBER 22

Under authority of a number of Executive orders, Federal employees who transferred to public or private agencies or to other Federal agencies to perform essential national-defense or war work were granted reemployment rights in their previous positions.

Under Executive Order No. 9552 of April 12, all reemployment rights granted under the authority of the Executive orders and certain War Manpower Commission directives, and under any Civil Service Commission regulations issued for the purpose of putting their provisions into effect, will expire on October 22. Application for reemployment from persons who wish to exercise those rights must be made on or before that date. Present employees should consult Townsend Johnson, telephone 2272, if additional information is required.

CIVIL SERVICE

(Continued from page 1)

Applications will be accepted until the close of business on Thursday, June 24.

For further information or for application forms, call the Board of Examiners, telephone 2226.

WANTED: Congenial girls for 6 week auto trip to California. Lelia Byrd, PARD.

CARNIVAL

(Continued from page 1)

GAS BUGS

The Consolidated Gas Bugs, the Peninsula's Crack Control line model airplane club, will thrill the crowd with exhibitions of stunt and speed. Bob Schade, Spin Tunnel, and Charles Eichelberger, Dynamic Model Shop, will fly their models at speeds over 124 mph and Andy Anderson will thrill all with his inside and outside loops.

CONTESTS

Pat. Cancro, contest chairman, has announced a change in times for his contests; they will now get underway at 1:30 Saturday instead of 2 as previously announced. Pat will notify the contestants who have entered the various contests as to their time of action. There may be room for a few last minute entries so if you haven't signed up be on hand tomorrow at 1:30 and see Pat.

FOOD

Food will be served as previously announced and here is the menu - hot dogs 10¢, hamburgers 15¢, barbecues 20¢, plate lunch 40¢, coffee 5¢, soft drinks 5¢, beer 20¢, and ice cream 5 and 10¢.

TICKETS

Tickets will be sold at the entrance for those of you who have not yet received yours or who want more chances on the 23 prizes. They will sell for 50¢.

FAVORS

Children will receive balloons and other favors as gifts so bring them with you. There will also be a fish pond game with prizes just for them.

SOFTBALL GAME

At 4 p.m. Saturday the battle of the century will get underway when the Administrative and Technical Service Section Heads and Division Chiefs, led by Captain Mel Butler, battle the Research team, led by Captain Axel Mattson. Dr. Reid will act as umpire and keep the situation under control and he will be ably assisted (we hope) by Floyd Thompson and Ernest Johnson. Captain Butler requests that section heads and division chiefs in the Administrative and Technical Service Department who are over 30 years of age report to the baseball diamond at 3 p.m. Saturday.

PRIZES

Remember you must be there to win any of the prizes except the apartment size washing machine, the Dumore floor polisher and the boat and motor. Prizes will be awarded at regular intervals on Friday from 5 p.m. to 10 p.m. and



The above pictures furnish proof that a gay time was had by all at the Reproduction Section's Ship-Wreck Party last Friday night. Shown at the left are Mrs. Harry Hamilton and Buelah Russell as they pose for the cameraman. On the right are Clarence Smith and Bob Coleman. Shown in the background is Harry Semento and his orchestra. --Photos by Don Foster

CAMERA CLUB PLANS SALON

The Hampton Camera Club will hold its next meeting on Wednesday, June 16 at 7 p.m. at the Syms-Eaton Community Center.

A salon contest to select the one best print to be entered by the club in the "Print of the Year" contest sponsored by the "Camera" Magazine will be the feature of the evening. There are no restrictions except that the photography must be that of a bonafide club member. The print can be on any subject and can have won any place in any other contest.

PLAN TO FORM MALE CHORUS

Plans are now underway to organize a male chorus under the sponsorship of the NACA Morale Activities Association. The chorus will be directed by Mary Noble Bennett, formerly of East Engineering and present organist and choir director at the Trinity Methodist Church in Newport News.

The first meeting of the group will be held Wednesday, June 16 at 7:30 p.m. at the Activities Building. All men interested are urged to attend the meeting.

on Saturday from 1 to 10 p.m.

BINGO

Bingo at 10: a game will be played throughout the Carnival's open hours. Tables will be set up just beside the midway.

And another service for your convenience has been the spraying of the area with DDT by the Army to eliminate mosquitoes.

DRYDEN DISCUSSES SUPERSONIC ERA

Dr. Hugh L. Dryden, Director of Aeronautical Research of the NACA, told a University of California audience recently that man will fly faster than sound before this year is out, according to a report of his address in the "San Francisco Examiner".

Seeing the time when men can fly faster around the earth than the sun travels, Dryden said such speeds will work great changes in our social structure.

"Supersonic flight, like the atomic bomb, at first will bring fear to the mind of the average person with the talk about guided missiles and instant death," he said.

"Like all great technological developments, it also will have an effect upon his thought processes, giving him an ambition to go through life with a minimum of disturbance."

Supersonic speeds in commercial aircraft will lag years behind military planes but passenger planes will be crossing this country at speeds of 650 miles an hour within 20 years, he said.

The greatest engineering difficulty at the moment, he said, is designing a plane which can fly at subsonic, transsonic and supersonic speeds. At each of these speeds the stability characteristics of an aircraft change rapidly.

For the subsonic and transsonic ranges, the new swept-back wing design has been found the best. He predicted the true supersonic airplane will have short and stubby or triangular wings.

FOR SALE: Hamilton #1818 Autoshift drafting table. R. E. Githens, TRD.