

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

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## LITTLE THEATER DRIVE NOW UNDERWAY

### MANUFACTURERS INSPECT LABORATORY FACILITIES

The NACA-Industry Conference on Personal Aircraft Research, scheduled for today, includes a program of conferences in the Induction Aerodynamics Laboratory, a propeller noise demonstration at the Physical Research Laboratory, and an inspection tour of various facilities of the Laboratory.

Places being visited by the group include the 7- X 10-foot Tunnels, 16-foot Tunnel, Structures Research Laboratory, Gust Tunnel, Impact Basin, 19-foot Pressure Tunnel, Flight Research, Hydrodynamic Research Laboratory, Free Flight Tunnel, and Spin Tunnel.

Approximately 150 guests were on hand, the majority of them arriving by steamer at Old Point this morning. Lunch was served the group at the Recreation Building.

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### LAB WILL BE WELL REPRESENTED IN KIWANIS MINSTRELS OF 1946

The Laboratory will be well represented in the cast and staff of the Kiwanis Minstrels of 1946, to be presented by the Hampton Kiwanis Club on Thursday and Friday, September 26 and 27, at the Hampton High School auditorium.

The proceeds of the show will be used in the club's program for underprivileged children and in the broadening of its other civic activities, including the sponsorship of the Hampton Boy Scout troop.

Jack Parkinson, chief of the Hydrodynamics Research Division, is interlocutor for the minstrel, which will include a variety of comedy, old and new songs, and dancing.

Percy R. Keffer, another Laboratory representative, is one of six end men. Tiny Hutton, former editor of "Air Scoop," is also an end man. Other end men will include Andrew Glass, Charles Cotton, Dell Heath, and Cricket Burr.

There are 14 circle men, including Marvin Forrest, of Maintenance, and John Ankeney, formerly of the Pilotless Aircraft Research Division. H. Granville Derby, of the 8-Foot High Speed Tunnel, is stage manager. Mrs. Dell Heath, former employee, is pianist.

The minstrel is being staged and directed by Lucille L. Parkinson. Tickets are \$1.50 and may be purchased from any member of the cast or staff.

### APPRENTICE SCHOOL OPENS SEPT. 30

S. Walter Hixon, Jr., Apprentice Administrator, announced this week that the fall term of the Apprentice School will begin on September 30. Courses will be taught at the Hampton High School on Monday and Thursday nights from 7 to 9:30 p.m.

The Training Unit wishes to emphasize that while the courses are intended primarily for apprentices and prospective apprentices, any interested employee of the Laboratory may take advantage of such training provided a nominal fee of \$1.75 is paid for each 25-hour course.

The tentative list of courses to be offered includes the following: Blueprint Reading, Shop Mathematics, Algebra, Geometry, Trigonometry, Physics, Mechanical Drawing, Mechanics and Strength of Materials, Machine Shop Theory, Sheetmetal Layout, Metallurgy,

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### CAMPAIGN HEADED BY JOHN HOUBOLT

John C. Houbolt, Chairman of the Hampton Little Theater membership drive, announced that the drive is now underway and will continue through October 16. Plans are being made by the group to present three 3-act plays this season.

Last year approximately 1200 Laboratory employees were members of the Little Theater and this year Chairman Houbolt and his committee are striving for an even larger representation. Assisting Houbolt in the campaign are: Lucille Parkinson, Edith Williams, Irene Farster, Pat Chiarito, Lee Dickinson, Lenore Hulcher, Tiny Hutton, George Colonna, Liz Bentley, and Dolly Colonna.

Chairman Houbolt stated, "There is no doubt that the Hampton Little Theater has established itself in Hampton and surrounding communities. Last year the Little Theater enjoyed one of its most successful seasons. From NACA alone over 1200 joined the group, either as active or inactive members. The Little Theater is actually the people behind it and invites everyone to attend and to participate in its activities. With your participation and continued support the forthcoming year should be more successful than ever before."

Season membership tickets may be purchased for \$1.50 from representatives who have been appointed in each section.

### COMMISSION WARNS AGAINST "CIVIL SERVICE SCHOOLS"

The Civil Service Commission has received numerous complaints regarding the activities of so-called Civil Service schools. The Commission wishes to emphasize that no Civil Service school has any connection whatever with the Civil Service Commission, or with any other branch of government service. The Commission has no agents who

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Jack Parkinson

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## LIFE at the LABORATORY

Most of the 16-Foot



Tunnel staff have recuperated from smoking the cigars Carl Schuller passed out last Monday in celebration of the new arrival at his household. He became the proud father of a daughter on Sunday, September 15.

Dan Cupid has scored. . . . .

another victory in the 8-Foot High Speed Tunnel. Two former employees, Norma Skinner, and Felix Beiduk, have reached the engagement stage, however, no definite wedding plans have been announced as yet.

Gene Draley of 8-Foot High Speed. . . . .

came to work Monday morning loaded down with cigars and candy. He is the proud papa of an adopted eight month old son.

The Purchase Office is. . . . .

getting its share of visits from the little man with all the love potions. Doris Jean Nichols will say "I do" when she walks down the aisle with Lloyd Harper of Hampton on Saturday.

The PAR Operations Section. . . . .

had one of their super-duper parties last Thursday night at the home of Tom Hulcher. The main feature was a first rate trio composed of Tom Hulcher and his accordion; Durwood Dereng and his famous violin; and Gene Hicks and his melodious potato bug.

Wedding bells will ring. . . . .

Saturday for Louise Phillips, Tank, and De Elroy Beeler, Loads, when they tie the final knot at the Hampton Presbyterian Church.

Eugene J. Hartmangruber, former Lab employee. . . . .

now stationed in Japan, would like to hear from some of his old friends. His address is: Sgt. Eugene J. Hartmangruber, 33855789, 313th Bomb. Wing, 40th Bomb. Sqd., 6th Group, Unit 2, APO 719, c/o Postmaster, San Francisco, California.

The Hydrodynamics Division. . . . .

had a big dinner-dance affair at the Chamberlin Hotel last Tuesday night to inaugurate Jack Parkinson into his new position as division chief.

Another Laboratory romance. . . . .

will be climaxed Saturday when Bill Huston and Dot Beadle, both of Loads, tie the final knot.

## Youth Is A State Of Mind

Youth is not a time of life....it is a state of mind.

It is a temper of the will, a quality of the imagination, a vigor of the imagination.

Youth means a predominance of courage over timidity, of the urge of adventure over the love of ease. This often exists in a man of fifty more than in a boy of twenty.

No one grows old by merely living a number of years.. People grow old by deserting their ideals.

Whether seventy, or sixteen, there is in every human being's heart a love of wonder, and of the amazements at the starlike things and thoughts, the undaunted challenge of events; the unfailing enthusiasm for what next; the joy in the game of life.

You are as young as your faith.  
 As old as your doubt.

As young as your self-confidence, as old as your fears, as young as your self-confidence, as old as your despair.

In the central place of your heart there is a wireless station. So long as it receives messages of beauty, courage and power from the earth, from men and from the infinite, so long you are young.

--Author Unknown

Personnel will get their boss. . . . .

finally married off tomorrow when Melvin Butler and Frances Leigh take their final vows at the Trinity Methodist Church in Newport News. Maid-of-honor will be Mary Ann Bartoshesky, formerly of Files, and Kay De-Sander, also of Files, will act as bridesmaid. Ushers will be: Mel Gough, Flight Research; Tom Hulcher, PAR Operations; Bill Thompson, West Engineering; and Norwood Evans, Employment. Lenore Hulcher, Counselling, will serve as mistress-of-ceremony.

Betty Gilman, Files. . . . .

entertained at a tea last Sunday for two bride-elects, Frances Leigh and Jean Allen, Jean will marry Milton Council on Saturday, October 26.

Moonlight and week-end cruises. . . . .

seem to be the thing these days. PAR had a moonlight sail last week-end on the "Serene II", and Hank Fedziuk and a party of thirty able bodied seamen and seamen went on a week-end cruise up the Chickahominy River.

Dixie Carter, formerly of Personnel Records. . . . .

changed the Miss to Mrs. when she married Major Mike Beckett at the Post chapel last Wednesday. Ellen Addison, Files, served as maid-of-honor and only attendant. Following the wedding a reception was held at the Chamberlin Hotel.



# 19-FOOT WINS 1946 SOFTBALL CROWN

## DEFEATS FST 9-0 IN FINAL GAME



The members of the 19-Foot Tunnel team that managed to hold on to the softball title for the third consecutive year are: front row left to right, Harry Davis, third base; Chet Furlong, second base; James Fitzpatrick, shortstop and right field; Bill Conner, left field; and Bill Koven, left field. Second row - "Pappy" Cole, right field; I. Bloxom, right field; Pat Cancro, shortstop; Owen Deters, catcher; Stan Spooner, first base; Bob Neely, center field; and Irwin Schumacher, pitcher.

In the final game in the softball playoffs played last Monday, 19-Foot came through to defeat Full Scale 9-0 to hold onto the championship title for their third consecutive year. 19-Foot started the game with three runs in the first inning. Bill Koven singled, went to second on Irwin Schumacher's bunt, and scored on an over throw by Roy Lange. Stan Spooner knocked a homer scoring Schumacher.

The third run was scored in the third when Spooner doubled, Cancro got on base on an error, and Spooner scored when Cancro was put out in his attempt to steal second.

In the fourth inning, Davis walked, took second on a wild pitch, third on a passed ball and scored on Furlong's single. The winners scored three more runs in the sixth inning when Cancro singled, stole second and third on passed balls, Bloxom walked, stole second, and Davis flied to center field scoring Cancro. Bloxom came in on an error. Neely got on first on an error, was sent to second when Furlong walked, stole third on a passed ball, and scored on a fly to center.

The final run of the day came in the seventh when Cancro walked, went to second on a wild pitch, and scored on Davis' triple.

Roy Lange, losing pitcher, continued his good hitting getting 2 for 2 to end the playoffs with 10 hits for 15 tries with a .667 batting average for the series. I. Bloxom led 19-Foot with six hits for 17 tries with an average of .353. Jim Morris, Full Scale catcher, was outstanding in the home run department getting a total of three for the series.

## OFFER COURSE IN SUPERSONICS

The University of Virginia is offering a course in "Supersonics" which will be taught by Dr. Antonio Ferri. Prerequisites for the course will be Aerodynamics Compressible Flows and a regular undergraduate course in Thermodynamics. For further information call John Ormand, telephone 2300.

NOTICE: The LMAL Federal Credit Union is now located on the first floor of the Service Building and the new telephone number is 2397.

## CAMERA CLUB HOLDS SALON

The Hampton Camera Club held a photo salon recently at the Syms-Eaton Community Center with J. J. Lankes, Head of Technical Illustrators, acting as judge. First, third, and fifth places were won by Dave Feigenbaum, Stability Tunnel; second and fourth places went to Seymour Deitchman, PRD; and sixth to William Biebel, Full Scale Analysis.

The next club meeting will be held Monday, September 23, at 7:30 p.m. at the Syms-Eaton Community Center. The main feature of the meeting will be an illustrated Eastman Kodak lecture, "The Development of the Negative."

## APPRENTICE

(Continued from page 1)

Use of Machinery's Handbook, Simple and Advanced Aeronautics, and Practical Electricity.

To register, contact Frank Penland on or before September 24, at the Training Office, telephone 2256.

WANTED: Baby's play pen. Dave Goldenbeum, Tank.

## COMMISSION

(Continued from page 1)

solicit applications for civil service positions, or sell "Civil Service" courses not can any school properly promise success in passing Civil Service examinations or "Guarantee" Government employment. No school is given information which is not available to the general public.

Information concerning examinations for positions in the Federal Government may be obtained at any time, without cost, from the Secretary of the U. S. Civil Service Board at any first or second class Post Office, or from the U. S. Civil Service Commission, Washington, D. C.

## FOOTBALL NOTICE

Any group desiring to enter a team in the Laboratory touch football league should send their roster to Bob Boswinkle, Room 201, 19-Foot Pressure Tunnel Building, telephone 2234, not later than Thursday, September 26. If enough teams are interested, an organization meeting will be held as soon as possible.



## 1946 All Stars



Shown above are members of the 1946 All Star Softball team. First string players on the back row are (from left to right): Johnny Neff, catcher; Billy Bates, outfielder; Pat Canero, shortstop; Stan Spooner, first baseman; Bill Hagginbotham, outfielder; Irwin Schumacher, third baseman; Roy Lange, pitcher; Cletus Vincke, second baseman; and Aoual Bugg, alternating pitcher. Second string players on the front row are: Bob Nuber, first baseman; Tony Proterra, second baseman, Andy Anderson, pitcher; Dave Ochiltree, third baseman; Owen Deters, catcher; and Arvo Luoma, outfielder. Not present when the picture was taken were Bernie Maggin, first string outfielder; Ted Himka, second string shortstop; Dick Dingledein, second string outfielder; and Vernard Lockwood, second string outfielder.

## BRAIN BUSTERS TAKE HONORS AT MODEL MEET

The Brain Busters came in for their share of the wins at the "Record Flying Circus" held recently in Philadelphia. The meet was the largest ever held with 2,000 contestants and 75,000 spectators.

Dick Sladek, East Engineering, took top honors in Class B gas; Everette Forehand, West Machine, came in second in Class A gas; Ben Cleveland, West Machine, took second in two-line glider; Frank Hilsdon, West Machine, was sixth in the rubber powered group; and Charlie Folk, West Machine, seventh in Class C gas.

WANTED: Riders to New York - leaving on October 4 and returning October 13. F. W. Diederich, ALS.

WANTED: Passengers to Birmingham by way of Atlanta. Leaving October 18 and returning October 29. H. S. Ribner, Stability Analysis.

## TENNIS TOURNNEY NEARS FINALS

The Annual NACA Tennis Tournament is nearing the final playoffs with Ed Kilgore, East Engineering, and Johnny Campbell, Free Flight Tunnel, already advanced to the semi-finals. Kilgore defeated Hewitt Phillips, 6-3, 6-1, John Kelly, 6-2, 6-1, and Bill Martz, 6-2, 6-1. Campbell came through with a 6-2, 6-2 win over Gordon Griffith, a 6-2, 6-2 win over Henry Webber, and a 6-1 6-3 win over Bob Shanks.

The winner of the Marvin Haar-Jim Davis match will meet Kilgore in the semi-finals and Jack Erwin will play the winner of the Bill Sperry-Leo Rogin match for the other semi-finals berth opposite Campbell.

FOR SALE: 16-Foot sloop fully equipped. Hannah Martin, Research Records.

FOR SALE: 34-Foot cruiser. Tom Hulcher, PAR Operations Section.

## FROM AVIATION'S LOG BOOK

By Len Arnow

Japan's NACA----

Photographs of bombed out Japanese wind-tunnels published recently in "Air Scoop" may have aroused the interest of many people here at Langley. Here are a few facts concerning the Aeronautical Research Institution, Japan's equivalent of the NACA.

It was established in 1918 and attached to Tokyo's Imperial University from which it obtained its members and research men with the exception of a few officers from the Japanese Army and Navy.

Following the disastrous Japanese earthquake of 1923, the Institution rebuilt its laboratory facilities at Komaha on a modern scale. The research organization included departments in Physics, Chemistry, Metallurgy, Structures, Wind Tunnel, Aero-Engines, Aircraft, Instruments, and Aeronautic Psychology.

By 1929 the Institution was investigating such fields as airplane load factors, radio controlled airplanes, the helicopter, and the spin.

Birth of the AAF----

In 1861 the War Department authorized a balloonist, John Lowe, to construct balloons for the newly created "Army Aeronautics Corps." Lowe had demonstrated earlier that he could send telegraph messages from a balloon 1,000 feet in the air.

The four balloons saw constant service during the Civil War campaigns of 1862 and 1863 where they were used to make aerial photographs and to observe the movements of the Confederate Army. During this period, direct telegraphic contact was made with President Lincoln's White House office which enabled him to get first hand reports from the front.

One of the Union Army's balloon observers at this time was a young German Count named Ferdinand Von Zeppelin, destined to make his name synonymous with rigid airships.

19th Century Brainbuster-----

The first sustained flight in the history of aviation was made in 1848 by a model airplane built by John Stringfellow of England. It was a steam powered monoplane with a sharply tapered ten foot wingspan and possessed only a horizontal tail surface. Stringfellow's model covered a distance of forty yards during its longest flight.

## JOIN THE HAMPTON LITTLE THEATER GROUP!