

AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

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440 MIDSHIPMEN VISITING LAB

A group of 440 second classmen from the United States Naval Academy accompanied by ten officers are visiting the Laboratory today to inspect the research facilities and become acquainted with the type of work being carried on here. The midshipmen are on a summer cruise on the carrier U.S.S. Randolph and are visiting the Lab for the first time since the beginning of the war.

The tour got underway at 10 a.m. at the post theatre with a brief word of welcome from Dr. H. J. E. Reid, Engineer-in-Charge, after which the group started off on an inspection tour of the Laboratory. Lunch was served in the Recreation Building.

The following research facilities were visited: 19-Foot Pressure Tunnel, Flight Research, Hydrodynamics Division, Spin Tunnel, Free Flight Tunnel, 8-Foot High Speed Tunnel, Full Scale Tunnel, 16-Foot Tunnel, Structures Research, 9-Inch Supersonic Tunnel, Gust Tunnel; and 7 X 10-Foot Tunnels.

EAST CAFETERIA TO DISCONTINUE EVENING MEAL

Sarah B. Rickman, Manager of the NACA Exchange, announced this week that beginning September 1, the East Area Cafeteria will discontinue the serving of evening meals and will close at 5 p.m. instead of 6 p.m. as has been the custom heretofore. This change is due to the small number of personnel using the cafeteria facilities for their night meal. The last meal served will be lunch, however, the cafeteria will remain open until 5 p.m. for the convenience of those who wish to buy cigarettes, candy, and other miscellaneous articles.

Other hours remain the same. Breakfast will be served from 7 a.m. to 3:10 a.m., and lunch from 11 a.m. to 1:30 p.m.

BRAIN BUSTERS' FOURTH ANNUAL CONTEST SCHEDULED FOR SUNDAY

The Brain Buster's Fourth Annual Championship, The Peninsula National Model Seaplane Contest, sponsored by the Peninsula Junior Chamber of Commerce will be held Sunday at Langley Field from 9 a.m. to 2 p.m. The meet will be a hydro rise off water contest and is sanctioned by the Academy of Model Aeronautics. The 1946 rules set up by the AMA will be used. A class AAA rating has been awarded the contest by the Academy.



The contestant with the highest number of points in the hydro events will be awarded a perpetual trophy which will be known as the Starr Truscott Memorial award. The trophy is donated by the Junior Chamber of Commerce. Over five hundred dollars in prizes will be awarded to the first, second, and third place winners in each event. Entries have been received from South Carolina, Baltimore, and Washington.

There will be four hydro events, Class A, B, and C Gas powered ROW and rubber powered ROW. In addition to the hydro events a hand launched glider event will be held. All classes of hand launched, outdoor gliders are combined in this event, and all rubber classes are combined in the rubber event.

Charlie Folk, contest director, announced that processing will begin at 8:30 a.m. and official timing at 9 a.m. He stated further that the contest must end at 2 p.m. because of the Air Show which begins at that time at the Peninsula Airport.

PRESENT PROPOSAL TO AMEND RETIREMENT ACT

The U. S. Civil Service Commission has submitted to Congress the draft of a proposed bill which would amend the Civil Service Retirement Act in the following respects:

- (1) The payment of interest on retirement refunds to former employees who served less than 5 years would be discontinued.
- (2) The charge of \$1 a month (so-called "tontine") on all retirement accounts would be discontinued.

The Commission stated in a letter of transmittal that these changes would greatly simplify administration of the Civil Service Retirement Act and would hasten the processing of retirement refunds.

If passed, the amendments made by this Act would become effective on January 1, 1947, and would apply to all claims adjudicated on and after such date.

AERL TEST PILOT IN NATIONAL RACES

NACA will be unofficially represented in the 1946 National Air Races to be held at Cleveland Municipal Airport on August 30 to September 2 by Howard Lilly, former LIAL test pilot now at AERL, in the Thompson Trophy race. Lilly will fly his P-63 Bell King Cobra which he purchased as a surplus asset. All armor plating and armament equipment as well as the self-sealing gasoline tanks which will be replaced with lighter metal tanks will be stripped from the single-seater airplane. The engine is un-

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LET'S COOPERATE

The Messenger Service has devised a much quicker and more effective means of distributing mail to various sections throughout the Laboratory with the use of trucks rather than scooters. However, a bit of confusion still exists and mail continues to be lost due to the carelessness of employees in addressing the envelopes.

The messenger boys are comparatively new at the Laboratory and when mail is addressed to John Doe and the section omitted, they must revert to the Laboratory directory which requires quite a bit of time and delays delivery. Another mistake often made by employees is they give the complete name and section of the individual but fail to mark off the first name on the envelope, thus the mail is sent to the first person listed and delayed enroute. Employees are also asked to write in the name and section as legibly as possible and if FFT and FST still look alike then write out the name in full.

The messenger boys are trying to give the Laboratory satisfactory mailing service and are doing a good job but they must have the cooperation of each employee. Any suggestions or complaints should be called in to Clyde Lumpkin, telephone 2200.

ITEM of the LABORATORY

Passing out cigars this week
 in a manner typical of new fathers is Leo Chauvin, P.A., who became the father of a son, Gregory Leo, on Saturday, August 17.

Donald "Burly" Baals
 4-Foot Supersonic Tunnel, is strutting around these days with cigars falling out of his pockets. Reason - he became the proud papa of a daughter on Wednesday, August 14.

Another proud papa is
 Nolen Chew of Instrument Research. He is the father of a son born August 14.

After an extended
 leave of absence, Indie Atkins, Files, is back at work proudly displaying snap shots of her two month old son.

Full Scale Tunnel
 made good use of the full moon last week with a moonlight cruise in Hampton Roads. Needless to say, a good time was had by all.

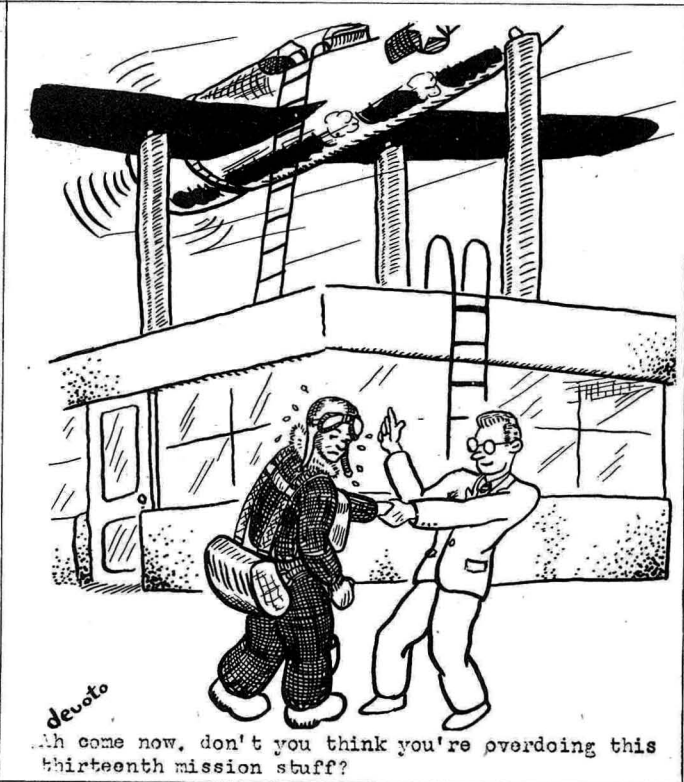
Last week the Supervisors
 Club of the Technical Service and Administrative Department had an outing on the 60-foot cruiser, "Serene II". After enjoying a snack of sandwiches, soft drinks, etc. the group of thirty stags cruised up the James River to take a look at the Idle Fleet. The club was very pleased to have one of its old members, Raymond Sharp, Manager of AERL, as guest.

Victory can count his victory complete
 now that the last of the Braig brothers has come to work at Langley. Joe, second youngest of the clan of five, joined the staff of the Engineering Section last week. Dick works in Langley's Planning Office, Gene is Cleveland's Administrative Officer; Ros is Cleveland's Procurement Officer; and Ray is in Flight Research at Ames.

Hoffett Field sidelights
 We note from the Ames "News and Chatter Alley" that Johnny Houston, formerly of LMAL, has returned from active duty with the Navy and is back at work in the Ames Aircraft Shop. Johnny transferred from Langley to Ames in 1940 and was one of the original employees when Ames was housed in a "shack" and ten people comprised the entire personnel. . . . Ames recently celebrated the opening of its new Hanger with a big blow out attended by over 1,000 NACA employees and guests.

Wedding bells will ring
 Saturday, August 31 for Helen Loper, Purchase, when she says "I do" to Richard Wikstrom of Hampton.

Who's Here
 Quite a number of visitors from the Cleveland Lab and the Washington Office were seen at the Laboratory this week. Raymond Sharp, AERL Manager, and Mrs. Sharp, M. E. Dewey, Head of Mechanical Services, and Mrs. Dewey, and Harold White, Classification, were all down from Cleveland. Washington visitors were Clo Wood, formerly of FRD, Tom Small, and John F. Victory, Executive Secretary of the NACA. Victory is down to speak before the Peninsula Junior Chamber of Commerce at their meeting tonight at the Armory in connection with Airweek.



DeVoto

Oh come now, don't you think you're overdoing this thirteenth mission stuff?

TENNIS NEWS

Only four of the nine matches scheduled for last Sunday between the NACA Tennis Team and the Northside Tennis Club of Norfolk were played due to rainy weather. Norfolk took all four matches with Ford defeating Jack Erwin, 6-1, 6-4; Jennings taking a 6-1, 6-1 win from Johnny Campbell; Freeman defeating Bill Jordan 6-1, 6-1; and Tatem downing John Kelly, 6-4, 6-1. Gray was leading Leo Rogin 6-0, 4-1 when the rains came.

The annual NACA Tennis tournament will get underway August 30. All interested persons are asked to call Johnny Campbell, 2282, or Jack Erwin, 2248, before Tuesday, August 27. Players on the team leader are automatically entered in the tourney.

In the only ladder match played last week Mayo Greenberg defeated Tom Haynes 7-5, 6-4.

The current standing of the ladder is as follows:

No.	Player	Section	Phone
1	Erwin	FGDA	2248
2	Campbell	FFT	2282
3	Jordan	E. Eng.	2251
4	Kelly	PRD	4587
5	Rogin	Loads	4439
	Haynes	PAR	4537
7	Martz	PAR	4537
8	Shanks	FFT	2235
9	Dunlap	ICL	2216
10	Sperry	Const. Eng.	2336
11	Greenberg	8'HST	2292
12	Weber	W. Eng.	4452
13	Griffith	Const. Eng.	2336
14	Hagginbotham	PAR	4537
15	Morgan	E. Eng.	2251
16	Phillips	PRD	2264
17	Frost	DTOS	2246
18	Ferguson	Class.	2381
19	Rubinow	PRD	4597

PLANS UNDERWAY FOR BOWLING LOOP

Now that softball is bowing out of the picture, it's time to start thinking about bowling. All bowling enthusiasts are requested to attend a meeting at the Syms-Baton Community Center on Wednesday, August 28, at 7:30 p.m. The purpose will be to determine the number of teams interested in entering both the duck pin and ten pin leagues.

In order to secure the best facilities, arrangements must be made for obtaining alleys before season begins. Any sections or groups interested in entering the men's, women's, or mixed leagues are urged to attend the meeting.

FOR SALE: 1938 four-door Willis. Charlie Seacord, Hampton - 8321.

19-FOOT DROPS FST 5-1; PLAYOFFS START MONDAY

By virtue of Full Scale's 5-0 shutout victory over PAR and AWT's 12-7 win over West Shops, the men's softball league ended up in a three way tie for first and a four way tie for fourth. 8-Foot High Speed Tunnel, 19-Foot, and Full Scale were left in the upper bracket and PAR, AWT, Structures, and Low Turbulence were in the run for fourth place. Pre-playoffs began this week and as the paper went to press the first and fourth place positions were still undecided. Final playoffs will begin next week.

Last Wednesday 19-Foot defeated Full Scale 5-1 to drop the losers to third position and playoffs for the number one position between 19-Foot and 8'HST was scheduled for Thursday. 19-Foot chalked up two runs in the fourth inning when Owen Deters got on base with a bunt followed by Pat Canero who also got on with a bunt. Deters went to third on a pass ball and scored on Bill Conner's ground out to shortstop. Canero scored the second run on an error. Full Scale came up to get their only run of the day in the fourth inning when Hal Sweberg got on first by an error, stole second base, was sent to third when two batters were walked, and scored on an error. In the sixth, Deters got on base on an error, stole second and third and scored on an error by the shortstop. The other two runs were scored in the seventh inning when Irwin Schumacher got to first on an error and scored on Sten Spooner's double. Spooner came in on an error to score the final run. Schumacher, the winning pitcher, gave up three hits, walked six, and struck out two. Lenge gave up six hits, walked two, and struck out three.

In the playoffs for fourth position AWT forfeited to Low Turbulence and PAR defeated Structures Research 4-3, to leave the two winning teams in a two way tie for fourth place. PAR took a one run lead in the first inning when Bill Hagginbotham doubled and scored on Jimmy Park's single. Structures came up in the third to tie the score but PAR came back in the fifth to score three runs and win the game, 4-3. With two out and nobody on Structures rallied in the seventh with two runs when Joe Kempner singled, George Zender walked, and Len Bartone doubled. The tying run was left on third. Sammy Vollo pitched for the winners giving up four hits, walking two, and striking out six. Andy Anderson,

SOFTBALL STATISTICS

Five more teams have handed in their team batting averages for the season and the following players are listed with averages better than .300. Only those who have been to bat at least 30 times are listed.

Player	Team	Pos.	AB	H	Avq.
Lockwood	AWT	OF	37	16	.432
Himka	16'	SS	45	18	.400
Hagginbotham	PAR	OF	46	18	.391
Maggin	D.T.	OF	41	16	.390
Dingledein	FST	OF	34	13	.383
Haynes	PAR	OF	38	14	.368
Bates	AWT	OF	40	14	.350
H. Clason	PAR	SS	46	16	.348
Schaeffer	Fst	OF	38	13	.343
Martz	PAR	OF	41	14	.341
Tingelhoff	ALD	1B	45	15	.340
Smith	AWT	OF	36	12	.333
Spearman	AWT	1B	45	15	.333
Proterra	FST	2B	46	15	.326
Korycinski	16'	1B	31	10	.323
Rossi	AWT	3B	40	12	.300
Neihouse	D.T.	P	40	12	.300

FINAL STANDINGS

Team	W	L	Pctg.
8'HST	10	3	.769
19'F	10	3	.769
FST	10	3	.769
PAR	9	4	.692
Low Turb	9	4	.692
Structures	9	4	.692
AWT	9	4	.692
16-Foot	6	7	.462
Dynamic Tunnels	6	7	.462
Loads	5	8	.385
12D	3	10	.231
West Shops	2	11	.154
7 X 10	2	11	.154
FAT	1	12	.177

INSTRUCTORS NEEDED

Qualified Laboratory employees interested in teaching the University of Virginia extension courses may secure application blanks from the Training Office, Service Building. Persons who have already filed applications need not apply again.

WANTED: Girl's bicycle. Betty Sjoberg, Flight Research, or call Hampton - 8267.

WANTED: Riders on 8:15 shift from Hampton to East Area. Jules Miller, Research Staff Office.

FOR SALE: Predigree boxer pups. Bob Shack, 7 X 10, or Newport News 2-1737.

the losing pitcher, gave up two hits, walked five and struck out seven.

THIS WEEK'S SCORES

Full Scale	Tunnel 5 - PAR 0
AWT	12 - West Shops 7
Loads	14 - 16-Foot Tunnel 6
Dynamic Tunnels	14 - 7 X 10 7
12D	9 - West Shops 5

FROM AVIATION'S LOG BOOK

BY Len Arnow
Aeronautical Milestone---

To encourage European aeronautical development the British government in 1912 held a military aircraft competition on Salisbury Plain. Initially it was required that competing manufacturers bring their airplanes to the proving grounds in packing cases and then reassemble them for flight. Although it took some of the entries hours and even days for assembly, an Avro biplane and a Hanriot monoplane were put together and flown in less than fifteen minutes.... Wing loadings for competing airplanes varied from as low as three pounds per square foot for a Farman airplane to nine pounds per square foot for a Bristol monoplane.... Some of the requirements for trial flights were as follows: Each machine was to carry a pilot, passenger, and ballast as well as fuel and oil for four and a half hours flight, making a total of about 700 pounds. The pilot had to make a three hour qualifying trial during which he had to reach an altitude of 4500 feet. Each airplane was required to climb to 1000 feet after takeoff, at 200 feet per minute and to land and takeoff from a plowed field. Compared to the requirements for today's military airplanes, these seem insignificant. However, considering the stick and wire planes of 1912 and the limits of aeronautical science at the time, it is surprising that a number of airplanes passed all or most of the requirements. The speed record for the trials was a brisk 75 miles per hour set by the Hanriot monoplane.... First prize in the contest went to S. F. Cody who received a 5,000 pound award for the performance of his biplane, his first design.

Five Hours of Aviation Progress--

Over a period of five years, during which he made thousands of successful glider flights, Otto Lilienthal compiled only five hours flying time. For brief periods in the air, not exceeding 12 or 15 seconds, Lilienthal learned to fly, and from these flights contributed much toward aeronautical science in his day. His experiments inspired and formed a basis for the work of aeronautical pioneers who achieved success only a few years after his untimely death in 1896.

TIL TRADE: Matched set of Ray Manganum golf clubs for 8 mm movie camera and projector. Call Hampton 4133 around 7 p.m.

LEARN TO SPELL THE MAGGIN WAY

Down in the depths of the Free Flight Tunnel where the section head flies kites and engineer-model pilots are rated by the number of tunnel windows they break, there is an etymologist and great speller--the Noah Webster of the current day--masquerading as an ordinary engineer, name of Bernie Maggin.

Shortly after Maggin's arrival here several years ago, stenographers and typists noticed an unusually large run of mistakes in spelling in his written matter but chalked it up to an inexperienced youngster in a new field. Maggin regarded this thusly, "They laughed at the Wright Brothers, didn't they?"

The years went on and Bernie Maggin increased in wisdom and stature and his apparent mistakes in spelling grew more common. Finally the typists revolted and claimed that Maggin must spell like the rest of the section. "Why not vice the versa," queried Maggin, "and let the rest of the section spell like me?" It was then that section head Johnny Campbell ordered everyone concerned to comb the written matter prepared by Maggin and bring him samples of the new language for consideration. Maggin's creed is, "Make spelling simple for the simple spellers."

reproduced below are a few sample words, the first in each group as used by Webster, the second by Maggin.

Accompanying - accomyning,
attack - attact, giving - give-
ing, effective - effivive, particu-
lar - paricual, picnic - pic-
nick, pitching - piching, pro-
portional - portortional, re-
commended - recommed, represent -
prepresent and stencil - tincle.

AERL PILOT

(Continued from page 1)

dergoing a complete overhauling and Pilot Lilly says that the airplane, built in May, 1944, has had a total flying time of 240 hours, and is in good condition.

The Thompson Trophy Race consists of flying 10 laps around a 30-mile course which is rectangular with four pylons. Lilly expects his speed to be about 325-375 miles per hour but says that the necessity for flying a curved course rather than a rectangular one will make actual speed much greater than those announced for the nominal distance of 300 miles. He plans to hug the pylons on the curve and make his try for first place by reducing distance rather than by

What's My Name?



I was born in New York City on September 24, 1882 and have spent the past forty years in Hampton. My college days were spent at Columbia University where I received my Ph.D. in 1906. Upon graduation, I secured a position teaching in Hampton and the following fall found me on the Peninsula.

On one of my flying trips to Buckroe Beach I met the woman who was destined to become my wife four years later. She was secretary to the vice-principal of the school and was the one who had written the letter requesting that I report to Hampton as soon as possible. The early thirties saw the death of my wife and in 1939 I retired from the position as Director of the School of Education at Hampton Institute.

I emerged from retirement July 20, 1942 and came to work at the Laboratory as Administrative Assistant. My job allows me to have very little dealings with the fairer sex as it is chiefly concerned with keeping our essential male employees on the job.

I am a member of Phi Beta Kappa, Phi Delta Kappa, and Kappa Delta Pi, and for the past forty years have been a special correspondent for the "New York Times".

Dr. William V. ...

WANTED: Ride for three to New York on August 30. Harry Kalkin, Construction Engineering.

WANTED: Passengers to Washington on August 30. Herbert Cohen, IAL.

flying at maximum speed with wide turns.

Top prize for the race will be \$16,000; second place winner will receive \$8,000; and lesser prizes down to \$1,000 for seventh place will be awarded.