

AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Page 1

Langley Field, Va., May 2, 1947

Issue 17, Vol. 6

GOLF TOURNEY SET FOR JUNE 7, 8

Plans are now underway to hold the Annual NACA Golf Championship Tournament at the Hampton Country Club on Saturday and Sunday, June 7 and 8. A 36-hole, medal play, handicap tournament will be played with 18 holes scheduled on each day. Trophies will be awarded in low gross and low net brackets.

The tournament is open to any male employee of the Laboratory. The entry fee is four dollars, which includes green fees. Entrants will be required to turn in three qualifying rounds, on which the handicap will be determined. In turning in the qualifying rounds, each contestant must turn in his score card signed by himself and endorsed by one other person in the group. All score cards, with the entry fee, must be turned in to the "Air Scoop" Office, Room 105, Service Building, by Thursday, May 29.

(Continued on page 3)

SPRING PROM WILL FEATURE GRAND MARCH

The main feature of the Spring Prom, which will be sponsored by the Morale Activities Association on Friday, May 16, will be a Grand March of the District Representatives to the Morale Activities Association. Leading the March will be Pete Korycinski, President of the Association, and his wife, followed by the District Representatives to the Association and their dates.

The semi-formal affair will get underway at 9 p.m. and music will be furnished by Joel Vause and his fourteen piece orchestra. Association officials announced that the side porches, which have recently been screened-in, will be opened for moonlight dancing. They stated further that most of the proceeds from the dance will go towards buying porch furniture in order to make the screened-in porches usable for spring activities.

Tickets are \$1.50, stag or drag, and may be purchased from the District Representatives to the General Assembly of the Morale Activities Association.

EMPLOYEES GET BOOKLETS TODAY ON AIR HISTORY

The booklet, "A Brief History of Aeronautics," as pictured on the murals in the rotunda of the Administration Building, is being distributed today to Laboratory employees.

Written by J. J. Lankes, head of the Technical Illustrating Section, the booklet was processed in the Mechanical Reproduction Section. The design and supervision of the four mural paintings were by Mr. Lankes and the execution by Lee Wade, Francis McVay, and Harry DeVoto, former Art Editor of the "Air Scoop" and now employed at the Ames Aeronautical Laboratory.

Virtually every member of the Technical Illustrating Section, a part of the General Services Division headed by R. E. Mixson, participated in some phase of work in connection with the paintings, from enlarging original sketches of the various items comprising the pan-

(Continued on page 4)

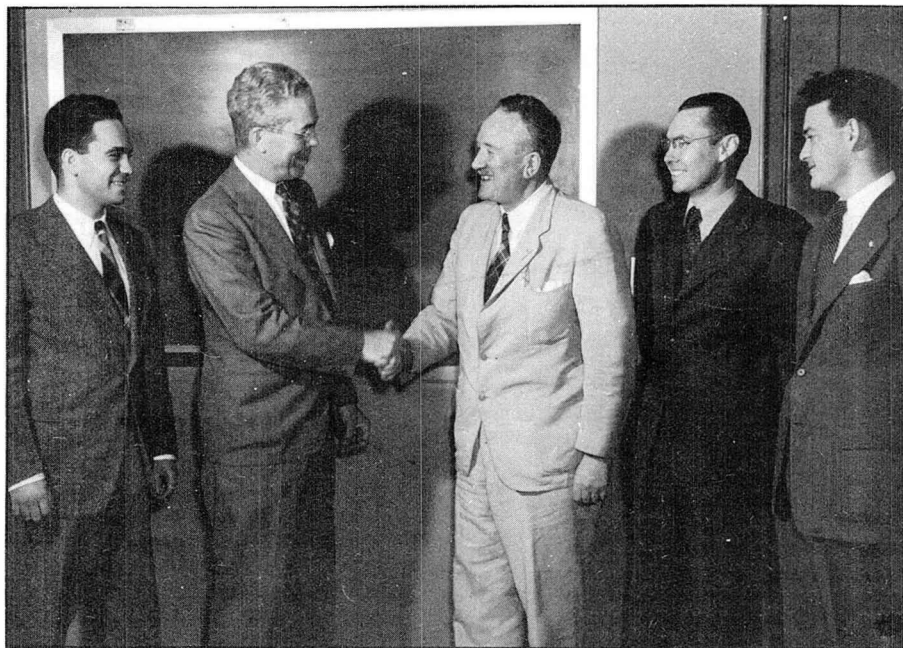
HEAD OF VIRGINIA EXTENSION SCHOOL VISITS LABORATORY

Professor Arthur F. MacConcochie, Supervisor of Engineering Extension and Professor of Mechanical Engineering at the University of Virginia, visited the extension classes at Hampton last Monday night and conferred with faculty members and Laboratory officials on Tuesday.

Professor MacConcochie stated that the evening classes are now in their eighteenth year and many thousands of students have taken advantage of this opportunity to further their education. The courses, he pointed out, are designed especially for students who wish to amplify their existing qualifications and for those who have been unable to attend full time courses of study elsewhere.

In regard to the extension school in Hampton, he pointed out, the extension classes organized and

(Continued on page 2)



Dr. H. J. E. Reid, Engineer-in-Charge, greets Professor Arthur F. MacConcochie, Supervisor of Engineering Extension and Professor of Mechanical Engineering at the University of Virginia. Shown on the left is Alfred Gessow of Flight Research, Faculty Chairman. To the right of MacConcochie are Walter Hixson, Head of Training and Transaction Section; and John Ormand, Training Office.

--Photo by Bill Taub

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
 Art Editor Frank McVay
 Staff Photographer Bill Tauh
 Reporters Langley Employees

The "Air Scoop" is printed by the Mechanical Reproduction Staff and distributed by the Office Service Section Staff.



We wondered why.

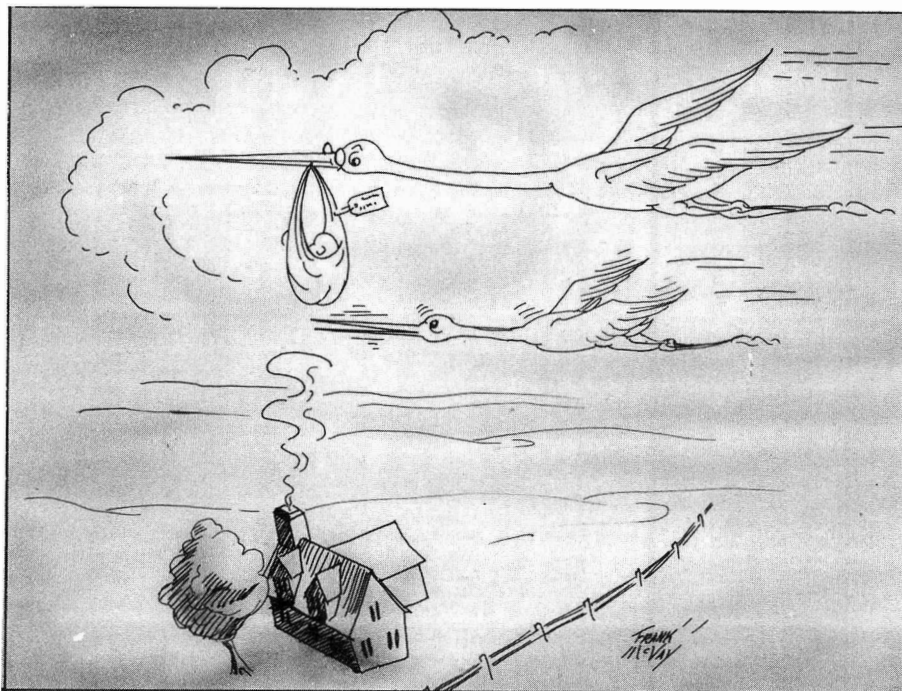
Norman Smith, 8-Foot High Speed Tunnel, was so anxious to get into the Bachelor's Club and now we know. He pestered us so much about being left out that we finally ignored all rules of age, etc., and extended the membership to ten just to satisfy Norm. It seems that he was afraid he'd never get in if he had to wait his turn 'cause he already had stars in his eyes and Dan Cupid was drawing the rope tighter. Well, we finally appointed him to the club last week and this week we're taking him out - no time lost there. Sometime Wednesday, we can't find out just when and Norm refuses to talk, he went and got himself engaged to Carol Dart of the Library. Wedding bells will ring sometime in June. Moving up to fill Norm's vacancy in the Bachelor's Club is Owen Deters of 19-Foot Pressure Tunnel. Deters reached the ripe old age of 27 on April 21.

Socialites, bowling fans.

and what have you are reminded of the dinner-dance affair sponsored by the Tenpin League at the Activities Building on Saturday, May 10. Trophies and prizes will be awarded to say nothing of the steak which tops the menu. Tickets are \$1.50 each and may be purchased from the team captains.

Coming in for top honors

at the Eridge Club last Tuesday night were Carl Rossman, Structures, and C. M. Marks, at north-south; and Bruce Amole, Activities Building, and Harry Clason, FARD, at east-west. Bridge fiends are invited to come out and give the winners a little competition.



But, Mamma, who brought me?

HEAD OF EXTENSION

(Continued from page 1)

offered by the Training Office under the advisement of Alfred Gesow, Faculty Chairman, and Dr. Samuel Batdorf, Structures, has grown to be the largest school of its kind in Virginia with a total enrollment of 464 students for this session. This year a total of 30 courses have been offered in advanced Mathematics, Physics, and Aerodynamics.

"Work in Engineering here," he declared, "is more advanced than anywhere else in the state. The situation is ideally adjusted to the development of a graduate school in Engineering at the University of Virginia. The University not only has an outstanding faculty for aeronautical research but is able also to secure for a local faculty specialists who are distinguished in their respective fields and whose services few Universities could obtain."

Professor MacConcochie has strong hopes that the extension courses will be recognized to the extent of the University granting master degrees in Engineering, Mathematics, and Physics, with the ultimate objective of granting doctorate degrees in these fields. He pointed out that the new president of the University, former Governor Darden, and faculty members seem to be partial to the idea and it is hoped that such a program will be put into effect as soon as possible.

Laboratory employees serving on the faculty of the University of Virginia Extension are: Kenneth Margolis, Stability Analysis; Norman Smith, 8-Foot; Guy Ferguson, Classification; Dr. Antonio Ferri, Gas Dynamics Analysis; Alfred Adler, 24-Inch; Thomas Andrews, Bell Computers; John Houbolt, Structures; Orville Harris, RC & T; Franklin Diederick, Aero Loads; Harold Crane, Flight; Bernard Budiansky, Structures; Charles Watkins, Stability Analysis; Dr. Herbert Ribner, Full Scale Analysis; Fred Howell, RC & T; Hewitt Phillips, Flight; David Newby, IRD; Dr. Robert Coleman, PRD; Richard Whitcomb, 8-Foot; Coleman Donaldson, Gas Dynamics Analysis; Dr. Hsu Lo, Structures; and Paul Kuhn, Structures.

FOR SALE: Georgia papershell Pecan trees - 2½ to 3½ feet high. 25 cents each. J. B. Bennett, IRD.

FOR SALE: "Atom" A, "Melcraft" B, and "Bunch" C. Slear, East Mech. Maint.

WANTED: Passengers everyweek-end to Lynchburg. Leaving on Friday and returning on Sunday. C. E. Saul, Maintenance.

GOLF TOURNEY

(Continued from page 1)

Last year several contestants were rather liberal in observing the PGS rules, but this year, in order to have a smooth running tournament, each contestant will be given a mimeographed copy of the condensed form of the PGA rules as well as a copy of the local rules.

In order to get in a little competitive golfing before June 7, plans are being made to hold a preliminary tournament at the Gloucester Country Club on Sunday, May 18. No prizes will be awarded.

An 18-hole, medal play tourney will be played with the first group scheduled to tee off at 1 p.m. The only charge will be a \$1.50 green fee which may be paid at the club. Following the tournament, golfers and their wives or dates will meet at the club house for a little informal get together.

The Gloucester Country Club is located about ten miles from Gloucester Point on Route 17. A landing strip is available by the club house for those who wish to fly up for the tournament.

All persons interested in play are asked to contact the "Air Scoop" Office, telephone 2376. Persons needing transportation or having vacancies in their cars are also asked to contact the "Air Scoop" Office.

FOR RENT: 3 room furnished apartment. 253 Newport News Ave., Hampton.

FOR RENT: 2 room furnished apartment. 124 Pochin Place - Hampton - 7385.

BOWLING NEWS

Instrument Application is leading in the Duckpin playoffs with twelve wins, three losses and an average of .800. Physical Research and Sound Lab are tied for the number two spot with nine wins, six losses, and a .600 average.

STANDINGS

Team	W	L	Avg.
Inst. App.	12	3	.800
PRD	9	6	.600
Sound Lab	9	6	.600
8-Foot	8	7	.533
IRD	8	7	.533
Structures	7	8	.467
16-Foot	4	11	.267
Tank	3	12	.200

SOFTBALL PRACTICE SUNDAY, MAY 4

The Skychicks, an NACA girls' softball team, has been organized and will play in the Newport News League. Ferne Driver, 16-Foot Tunnel, has been elected captain, and announced that the first practice will be held Sunday, May 4, at 2:30 at the Armstrong School. All Members of the team are urged to be at practice.

FOR SALE: 16-Foot run about in excellent condition. Call N.N.-21305.

FOR RENT: To young ladiss - one single room and one double room with twin beds. 123 Apple Ave., or call Newport News - 2-1305.

FOR SALE: Three copies of "Elements of The Differential and Integral Calculus", by Granville, Smith, and Longley. Training Office, 2256.

PLAN TO ORGANIZE GIRLS' TENNIS TEAM

Several girls have expressed an interest in playing tennis. In order to find out how many are interested in the same plans are underway to form a tennis ladder which will work on much the same principle as the men's team. All girls interested in playing tennis are asked to contact the "Air Scoop" Office, telephone 2376. As soon as possible, a ladder will be published in the "Air Scoop" and challenge matches will get underway. It is hoped that a tournament can be arranged toward the end of the season.

PLAN TO FORM ARCHERY CLUB

Efforts are now underway to form an archery club. The Morale Activities Association has stated that they would furnish some equipment and provide ranges if there is enough interest in archery at the Laboratory.

One target has already been ordered and if enough interest is shown, more equipment will be obtained. All interested persons are asked to contact J. Bidwell at 2347.

WANTED: Ride on 8:15 shift from Ferguson Park to E. Area. Sue Sanders, 2249.

WANTED: 1 or 2 passengers to Shreveport, La. by way of Atlanta. Leaving May 16, Grady Mitcham, PARD.

SOFTBALL SCHEDULE

Week of	Monday		Tuesday		Wednesday		Thursday	
	Diamond #1	Diamond #2	Diamond #1	Diamond #2	Diamond #1	Diamond #2	Diamond #1	Diamond #2
May 5	8-9	1-2	12-5 6-11	5-12	4-13	3-14	2-15	7-10
12	9-10	10-7 6-13 PRD	2-3	1-4	5-14	8-11	7-12	4-15
19	3-4	7-14	6-7 6-15	10-11	10-14 1-6	2-5	8-13	9-12
26	11-12	10-13	2-7	1-8	4-5	5-8 3-6	9-14	8-15
June 2	10-15	1-6 5-6	12-13	11-14	1-10	2-9	3-8	4-7
9	4-9	3-10	13-14	12-15	5-1 6-7	5-8	2-11	1-12
16	1-14	2-13	3-12	4-11	5-10	12-3 6-9	7-8	14-15
23	15-11	14-12	13-1	12-2	11-3	10-4	9-5	8-6
30	13-11	7-5	14-10	15-9	8-4	11-1	10-2	9-3
July 7	13-9	8-2	1-4 6-4	7-3	9-1	14-8	15-7	12-10
14	12-8	15-5	11-10 6-2	7-1	5-3	11-9	14-6	13-7
21	5-1	4-2	15-3	10-8	11-7	14-4	13-5	12-6
28	12-4	3-1	14-2	9-7	15-1	13-3	10-6	11-5

Friday, August 1 - 15-13

1. 16-Foot Tunnel
2. Full Scale Tunnel
3. Electrical Shop
4. Instrument Research
5. Structures Research

6. Dynamic Tunnels
7. 8-3/4 Tunnel
8. Pilotless Aircraft
9. 7 X 10
10. Model Shop

11. Aircraft Loads
12. Engineering Serv. Div.
13. Physical Research
14. 19-Foot Pressure Tunnel
15. Low Turbulence

- A. The number of teams shall be 15.
- B. Home team is the team designated first. (Each team is home team at least seven times.)
- C. Postponed games will be rescheduled as stated in rescheduling rules.

TENNIS TEAM OPENS SEASON

A meeting of the NACA Tennis Team was held last week and plans were made for the coming season. Ed Kilgore was elected captain and Johnny Campbell, alternate captain.

A tentative team ladder was established, based on last season's ladder. Players are urged to start challenge matches as soon as possible in order to get the rankings into line before the first team match on Saturday, May 10. A player may challenge any five players above his position and if he wins, he takes the loser's place and the loser drops down one position. Challenge matches will consist of the best two out of three sets and the results should be reported to Johnny Campbell at 2282. Team practice is scheduled for each Thursday afternoon at the West Area courts.

TENNIS LADDER

No.	Player	Section	Phone
1	Kilgore	E. Eng.	2251
2	Erwin	FGDA	2248
3	Cannon	Const. Eng.	2336
4	Campbell	FFT	2282
5	Jordan	E. Eng.	2251
6	Bates	FFT	2235
7	Donaldson	FGDA	2266
8	Sperry	Const. Eng.	2336
9	Rogin	Loads	4439
10	Martz	PARD	4465
11	Shanks	FFT	2235
12	McAdams	9" Sup.	4488
13	Greenberg	8"HST	2292
14	Webber	W. Eng.	4452
15	Griffith	Const. Eng.	2336
16	Hagginbotham	PARD	4447
17	Haar	Tank 2	2394
18	Morgan	E. Eng.	2251
19	Heinke	9" Sup.	4488
20	Phillips	FRD	2264
21	Ferguson	Class.	2381
22	Rubinow	PRD	4597

CAMERA CLUB HOLDS SALON

The next meeting of the Hampton Camera Club will be held on Wednesday, May 7, at 7:30 p.m. at the Syms-Eaton Community Center.

The meeting will feature a box camera salon. All pictures submitted must have been taken with the camera focused at infinity, with an aperture setting of f.16, at shutter speeds of 1/25 second and time or bulb. There will be no subject limitations.

All camera fans are invited to attend the salon.

WANTED: Alternate driver on 8:15 shift from Boulevard section to West Area. C. C. Decker, A.L.C.L.

"Air Scoop's" Picture Album



Looking through our photo album the other day we ran across this picture of Langley Field taken in March, 1920. The bridge in those days was an old wooden one and the trolley tracks running off to the right circled the field to the old balloon hanger. The building directly to the left of the bridge was a chapel, also used for Boy Scout meetings. To the left of the chapel is the hospital area. The large white building in the middle of the picture was bachelor officers' quarter and still stands - it's called Dodd Hall now. Headquarters Building, which still stands, is in the upper left hand corner.

MURALS

(Continued from page 1)

els, tracing, finding data when detail was questioned, and then to the final finishing. In effect, it was a cooperative project to which various sections and individuals contributed.

The fourth and final panel was not started until last August, three years after the first sketch of it was laid out. The inevitable interruptions ensued, as the more important work came to the section, and it was finally completed in early November.

All four panels were completed over a period of about four years during which the section utilized only occasions when there were lulls in the normal workload required in connection with aeronautical research.

The booklet discusses four eras of flight, each being illustrated by a panel of the mural. The first era is concerned with the earliest concepts of flight from 3500 B. C. to 1499 A.D.; the second is on the concepts of flight between 1500 and 1799; the third on the concepts and realizations of flight from 1800 to 1899, and the fourth is on the achievement and development of flight during the periods 1900 to 1919.

ANNOUNCE CIVIL SERVICE EXAM

The NACA Board of U. S. Civil Service Examiners has announced the opening of Civil Service examinations for the following positions. Electrician I through VI, \$1705 to \$3057; Diesel Engine Mechanic I through V, \$1705 to \$2787; Diesel Engine Mechanic Shift Leader, \$2932; Power Plant Dispatcher, \$2662; Superintendent of Generating Plant, \$3348; Equipment Maintenance Mechanic I and II, \$2516 to \$2787; Equipment Maintenance Mechanic Group Leader I and II, \$2932 to \$3203; Pipecover and Insulator, \$2392; Pipefitter I, II, and III, \$1976 to \$2787; Pipefitter Group Leader I, \$2932; Refrigeration Mechanic I, II, and III, \$2246 to \$2932; Refrigeration Mechanic Group Leader, \$3203; and Rigger Structural Steel Worker I and II, \$2662 to \$2932.

No written test will be given but applicants will be rated on qualifications and experience set forth on the application form. Applications must be submitted by May 12 in order to be included in the first register of eligible names.