

Air Scoop



PRICE SLASHED FOR DANCE

In a vain effort to be somewhat humorous in the last issue we published some fictitious figures for the cost of the forthcoming Leap Year Dance; however, we failed to take into consideration the sober attitude infecting the mind of research workers and heard that many women believed these costs and were discouraged from coming. Therefore, we will explain that all the dollar marks and figures appearing after the \$1.50, "Doe" or drag, are not necessities but they will add to the gaiety of the evening.

We would like to point out, however, that you gals who treat an invitation to other dances so lightly had better begin to realize that your man's expenses for a dance total that much every time.

We hope you will show the men as big a time as you did last Leap Year and will attend the 1948 Leap Year Dance on Friday, February 27 from 10 to 2 in the Activities Building. Music will be furnished by Joel Vause and his orchestra.

EXCHANGE CLUBS GUESTS OF NACA

The Exchange clubs of Hampton and Newport News were conducted on a tour of the Laboratory's research facilities last Tuesday night following a joint meeting in the cafeteria.

The tour included inspection and explanations of some of the equipment. Axel T. Mattson, Head of 8-Foot, explained the workings of the high speed wind tunnel. The Full Scale Tunnel was explained by Eugene Guryansky. Other features of the tour included the Flight Research, conducted by Jack Reeder, and 7 X 10, conducted by Jack Heberman and John Wiley.

At the meeting prior to the tour, the group heard a short talk by Dr. H. J. E. Reid, Director.

Air Scoop, February 6, 1948
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CREDIT UNION PAYS 3 PER CENT DIVIDENDS

A three percent share dividend was declared for the year 1947, at the annual meeting of the LMAL Federal Credit Union held last week in the Activities Building.

Elected to the Board of Directors were Frank Abbott, Low Turbulence; Leonard Bartone, West Engineering; and Norris Dow, Structures. New members of the Credit Committee are John Garvin, Aircraft Loads; Elton W. Miller, Executive Assistant to the Director; and Mrs. George Zender, Credit Union. Supervisory Committee members are Leslie Garbett, Payroll; and Manny Stein, Structures Research.

In his address to the members, Ernest J. Shave, President, stated that the Credit Union was formed to promote thrift among its members by affording them an opportunity to save in small amounts and to create a source of credit for loans.

He also expressed a desire to the new Board of Directors to encourage the members with inactive

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AVIATION PIONEER DIES AFTER LONG, FAITHFUL SERVICE

Dr. Orville Wright, venerable member of the National Advisory Committee for Aeronautics and first man to fly in a heavier-than-air plane, died Friday night of a lung congestion and heart disease. The 76 year old pioneer of modern aviation died in his sleep under an oxygen tent at Miami Valley hospital, Dayton, Ohio.

Born in Dayton, Ohio in 1871, Orville lived to see the fragile flying machine, which he and his brother, Wilbur, first demonstrated in powered flight to the world at Kitty Hawk, N. C. on December 17, 1903, develop into the super-streamlined planes of today.

After a brief career as a newspaper publisher, Orville and his brother, Wilbur, entered the bicycle business and in 1895 they started manufacturing bicycles of their own. In off-seasons they read of the gliding experiments of

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Dr. Orville Wright (left) chats with Walter Reiser on porch of Activities Building during May 1947 General Inspection here. This was Dr. Wright's last visit to Langley Laboratory.

--Photo by Bill Taub

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Life At The Laboratory

Another bachelor.

who just barely missed becoming a member of the exclusive Bachelor's Club is Ed Kruszewski, Structures Research. Ed was number three on the reserve list for membership into the club. He went and got himself engaged last week end to Grace Forrest of Messick. Wedding bells will ring sometime in April.

Passing out cigars.

this week is Charlie Tucker of East Model Shop. He became the father of a son on Friday, January 30.

Another eligible.

Howard Holland, Full Scale Analysis, recently joined the list of ineligibles when he gave his home town girl, Kathleen Walker of Richmond, an engagement ring. The wedding will take place sometime during the spring.

Another proud papa.

is "Hap" Richards of Induction Aerodynamics. He became the father of a daughter, Cynthia, on Friday, January 16.

"MARCH OF DIMES" HERE NETS \$621

The Low Turbulence Section of the Full Scale Research Division made the highest section contribution to the Laboratory's "March of Dimes" effort concluded last week, contributing \$46.56, more than seven per cent of the total of \$621.22 collected throughout the Lab.

The container at the Activities Building netted \$106.90, which included \$94.55 contributed at the Bingo Game January 22 and \$10 given by the NACA Bridge Club at a recent meeting.

Containers with total donations exceeding \$20 included: West Sheetmetal, \$28.37, including a \$10 contribution by the West Sheetmetal Social Club; Physical Research, \$26.05; Compressibility Division Office, \$25.62; West Mechanical Engineering, \$24.15; Technical Service Building (first floor), \$20.51; and the LTS container previously mentioned.

A check of the past records indicated that this year's collections exceeded the previous high by more than \$100.

FOR SALE: 5 piece porcelain dinner set. Don Cheatham, Flight Research.

FOR SALE: Philco table model radio phonograph combination. Bill Thomas, Impact Basin.

Coming Events

Printed below is a calendar of events scheduled to take place in the Activities Building throughout the coming week.

Feb. 6 - 7:30 Skychicks versus Naval Base

West Model Party

Feb. 7 - Loads vs. Army team

Feb. 9 - Girls' Basketball

6:30 - Belles vs. Loads

7:30 - Presby vs. 7 X 10

Feb. 10 - Men's Basketball

6 p.m. - FARD versus IRD

7 p.m. - Loads versus 19-Foot

7:30 - Bridge Party

Volley Ball

Feb. 11 - Men's Basketball

6:30 - W. Model vs. W. Machine

7:30 - Sta. #1 vs. Sta. #2

8:30 - 16-Foot versus PRD

9:30 - Variety vs. 9-Inch

Feb. 12 - 7:30 Skychicks versus

Eagles

Feb. 13 - Flight Research Dance

Feb. 14 - 7 X 10 Party

FOR SALE: Baby carriage and bathinette. Hack Wilson, Full Scale Tunnel, or Hampton 7617.

FOR RENT: Large room with twin beds for two men. Mrs. Stratton, Newport News - 51787.

WANTED: Passengers to E.A. or W.A. on 8 shift from Stuart Gardens. Schmidt, 4503.



By Joe Blanco

This is the first in a series of articles which will introduce the designs and models responsible for the Brainbusters' record of 65 places in nine out of town meets last year.

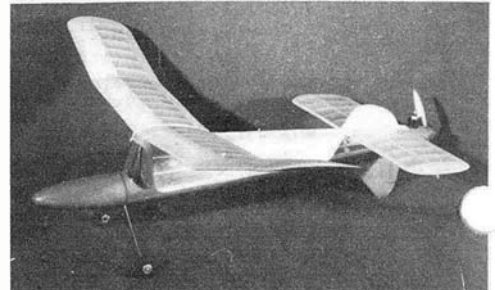
Some of these models will be "Old Reliables" of club members while others will be new and as yet not entered in actual competition.

Various types of models were taken into consideration and the one below was chosen for the first article because it features a comparatively new idea in model building.

This airplane is a free flight design adaptable for radio control through the use of an instantly attachable section of the fuselage which contains the complete control equipment.

The ship was designed and built by John Worth of Flight Research, and is yet to make its maiden flight. However, the forerunners of this design have been successfully flown. The designer sums up the model as follows:

"The design is the fourth in a series of pushers built originally to test the theories that led to the building of the full scale Douglas "Mixmaster". Consistently stable performance was responsible for the addition of the radio control in the third version which flew well right off the proverbial drawing board. Rudder control alone suffices to provide a wide range of aerobatic possibilities. Underpowered, according to conventional standards, the ship performs creditably, probably due to the efficiency of the configurations. Plans of the fourth ship are to be published soon in 'Air Trails' magazine. Meanwhile a contest version is 'in the works' for the coming summer season."



The model shown above was designed and built by John Worth, Flight.

--Photo by James Chacamaty

STABILITY, LOADS TIED FOR FIRST

Stability #1 and Loads are tied for first place in the Men's Basketball League by virtue of Load's recent wins over 16-Foot Tunnel and West Model Shop. Both teams have won six games and lost only one. Stability #1 experienced their only defeat early in the season at the hands of Instrument Research and Loads in turn had their record marred by the Stability quintet.

Loads chalked up another win to their record when they defeated the 16-Foot Tunnel five 40-27. Loads led at halftime 14-9 but managed to hold 16-Foot back while they strengthened the narrow margin to win by fourteen points. Mertens was high scorer for the winners with nineteen points and Ted Himka was top man for the losers with thirteen.

In a closely played game, Physical Research finally managed to come out on the winning end of a 26-21 final score over West Model. The score was all tied up at half time, 12-12, but PRD managed to hit a lucky streak to win the game. Ed Kilgore came through with eight points for the winners and Link chalked up nine for the losers.

Stability #2 managed to hold onto the bottom spot in the league standings by succumbing to 9-Inch by the one-sided score of 35-8. Up to date Stability #2 has averaged twelve points a game, setting a new low record in the NACA League. The losers had trouble finding the basket and scored only two points in the first half to the winners' eighteen. Harry Heinke was top scorer for 9-Inch with ten points and Shufflebarger scored three of the losers' eight points.

Loads took another win last Tuesday night to tie Stability #1 for the top position, when they defeated West Model 41-30. The two teams were evenly matched in the last half with both groups scoring a total of twenty points each, but the West Model boys were a bit slow getting started and allowed the winners to get a 21-12 point lead during the first half. Mertens was again high point man for Loads with 23 points and Shiparo was tops for the losers with thirteen.

16-Foot came out on the winning end of a 30-25 game with West Machine Shop to tie the losers for the number four spot in the league standings. 16-Foot also set a new last week, scoring only one point in the first quarter; however, luck was with them and they chalked up 18 points in the second quarter to lead at half time 19-12. Ted Himka

SKYCHICKS PLAY WAVES TONIGHT

The NACA Skychicks will play their second home game tonight at 7:30 in the Activities Building when they meet the Naval Base Quintet.

Last week the chicks continued on their winning streak by smothering the Naval Training Station team 35-9. The team is coached by Margaret Farmer Ivey and managed by Virginia Warren. All employees are urged to come out to the Activities Building tonight and support their team.

VOLLEY BALL

The Volley Ball League ended its regular season of play this week with Structures coming out on the winning end with 16 wins and five losses. S&C-PAR and 9-Inch tied for second with 14 wins and 7 losses.

Playoffs will be held next week.

FINAL STANDINGS

Team	W	L	Avg.
Structures	16	5	.762
S&C-PAR	14	7	.667
9-Inch	14	7	.667
24-Inch	12	9	.572
Gas Dynamics	10	11	.476
GA-PAR	9	12	.428
E. Engineering	9	12	.428

ANNOUNCE BRIDGE TOURNEY WINNERS

The monthly master point bridge tournament was held in the Activities Building last Tuesday night with the following players receiving master point credit:

North-South winners were John LeMay, West Machine, and M. J. Olson with 98½ points and 68%; second place was won by Arthur Samet, Fiscal Division, and Bruce Amole, Activities Building, with 81½ points and 57 percent. Kenneth Cumming and Mr. Johnson took first for East-West with 85½ points and 59%. Ethel Mahone and Reisa Pearl took second with 84 points and 58%.

was the big gun for the winners with thirteen points and Munden and McMillian scored five points each for the losers.

STANDINGS

Team	W	L	Avg.
Stability #1	6	1	.857
Loads	6	1	.857
19-Foot	6	3	.667
W. Machine	5	4	.556
16-Foot	5	4	.556
Variety Quintet	4	4	.500
9-Inch	4	4	.500
PAR	3	3	.500
PRD	3	3	.500
IRD	3	4	.429
W. Model	1	8	.111
Stability #2	0	7	.000

BOWLING NEWS

STABILITY BOWLING LEAGUE

The Turkey Luckers from DTOS are still leading the Stability Division Bowling League with ten wins and two losses. High game and set for the men was rolled by J. Block with a 153 game and 380 set. Leading the women is Gay Gilbert with a 115 game and 301 set.

STANDINGS

Team	W	L	Avg.
Turkey Luckers	10	2	.833
Bouncers	7	5	.583
Pin Heads	7	5	.583
Woodpeckers	7	5	.583
7 X Foots	5	4	.556
Fliers	5	4	.556
Spare Squares	4	5	.444
Pin Maulers	5	7	.417
Atomic Bums	4	8	.333
Scotch 'n Tapers	3	6	.333
Hurlers	3	9	.250

TENPIN LEAGUE

Missilots are ahead in the Tenpin League with three wins and no losses but five teams are tied for the number two spot with a .667 average. Last week Pete Rice, Splinters, took top honors for the men with a 215 game and a 513 set. Florence Blythe, Fiscal Wrecks, took high game for the women with 140 and Dodie Price, Splinters, rolled high set with 369.

Splinters rolled high team game of 842 and Low Turbulence took high set with 2352.

STANDINGS

Team	W	L	Avg.
Missilot	3	0	1.000
Splinters	2	1	.667
Low Turbulence	4	2	.667
Pin Points	4	2	.667
Headpins	4	2	.667
Pinbusters	2	1	.667
Paris	3	3	.500
Aces	3	3	.500
Structures	3	3	.500
Missilleaneous	1	2	.333
Alleycats	2	4	.333
East Model	2	4	.333
Fiscal Wrecks	0	6	.000

WEDNESDAY DUCKPIN LEAGUE

Last week high scores were rolled for the men by Noce, G.R.I., with a 129 game and 320 set. Leading the women was Louise Crane, Ragouts with a 98 game and 268 set. G.R.I. came through with the high team game and set with 508 and 1434, respectively.

STANDINGS

Team	W	L	Avg.
Sound Lab	23	13	.639
G.R.I.	24	15	.615
Tank	22	14	.611
Gutter Rats	20	16	.556
Flight Ragouts	18	21	.462
16-Foot	14	19	.424
PAR	15	21	.417
Structures	15	21	.417
Flight Deadpins	14	25	.359

WRIGHT DIES

(Continued from page 1)

Otto Lillenthal in Europe. They disproved Lillenthal's calculations with their own gliders, and then figured out their own formulae.

From gliding experiments, they went on to study the possibilities of self-powered flight. The brothers had no money to throw away on actual experiments, so they worked on the problem mathematically, figuring the power necessary to elevate and drive their machine and the proper propeller pitch and thrust for the purpose. These calculations proved to be correct within 1% when tested in flight.

The two brothers worked tirelessly to construct their plane, took measurements in a home-made wind tunnel, worked out tables of pressures on various surfaces, and developed the aileron system of control still used in planes today. Then came the great day at Kitty Hawk when they proved their theories before an indifferent audience of a news observer from the local weather station and an unidentified dog.

In 1915 the National Advisory Committee for Aeronautics was founded for the advancement of aviation and Orville was appointed to the first committee by President Wilson. Unfortunately, his brother Wilbur never lived to see the fruits of his labor - he died in 1912.

Honors from all over the world have been heaped on Orville Wright. Medals without number have been awarded him. And the name "The Wright Brothers" will forever be a monument to American opportunity through which the sons of an obscure clergyman in a little Ohio town found their place among the immortals of the earth.

Employees of the Laboratory paused in silence for a moment at 3:50 p.m. last Monday, in memory of his continued contributions to the aeronautical sciences and his faithful and devoted service to NACA.

LOST: Pair of men's blue wool gloves on Regent St. Assadourian, Flight.

FOR SALE: 1937 Pontiac coupe. Brigham, Instrument Construction Shop.

FOR SALE: 125 feet of fence and gate, complete set of china with service for 8, service for 8 in Fostoria. Hampton 4870.

WANTED: Double bunk beds convertible to twin beds. Phelps, Const. Eng. or Hampton 3-2497.

FOR RENT: Room for young man or married couple. Kitchen privileges. Tom Ezell, E. Machine.

LITTLE THEATRE SELECTS STAFF FOR PRODUCTION

The director's staff for the Hampton Little Theatre's forthcoming presentation, "The Little Foxes", which will be produced in the Hampton High School auditorium February 27 and 28, has been announced by director David M. Goldenbaum, Tank.

Assisting Goldenbaum is Mrs. John D. Williams who is a charter member of the Little Theatre and has appeared in numerous productions, among the most recent being "Twin Beds" and "Guest In The House."

John A. Rockett has been named stage manager for the production. He is well-trained for this position, having joined the Little Theatre in that capacity for last fall's "Three Men On A Horse."

In the design and construction of the sets, Rockett will collaborate with Douglas A. King, Tank, a veteran of the Hampton Little Theatre. King has served as stage manager for such productions as "Joan of Lorraine", "Ah, Wilderness" and "Guest In The House", and has played several roles, the most recent having been that of Doctor Johnson in "I Remember Mama". King will also handle the difficult lighting effects.

The painting of the set will be done by two newcomers to the Little Theatre, Adele and James Bailey.

In charge of the costuming will be Leona M. Rabben, who will be remembered for her performance as Mrs. Brown in "Claudia".

Properties will be collected and handled by Dare Blalock, Bell Computers, and Clara Craig. Dare has worked backstage on several productions and appeared as the maid in "Three Men On A Horse". Mrs. Craig served on the property committee for "Three Men On A Horse."

CREDIT UNION

(Continued from page 1)

accounts to resume their depositing in the Credit Union.

Shave stated that the membership is made up of employees from every activity in the Laboratory and that it is democratically controlled, each member having only one vote regardless of the number of shares.

In closing he stated, "I urge all members to encourage their fellow workers to become members of the Credit Union. In this way we can continue to grow stronger and better serve our members."

WANTED: Ride from Stuart Gardens or vicinity to E.A. on 8 shift. Sisk, 2353.

PHOTOGRAPHER EXAM OPENED

The NACA Board of U. S. Civil Service Examiners has announced the opening of a Civil Service examination for the position Photographer, CAF-3 through CAF-7, with salaries ranging from \$2168 to \$3397 per annum.

Those who qualify in this examination may be given a probational appointment leading to a permanent Civil Service status. No written test will be given, but applicants will be rated on qualifications and experience set forth on the application form.

For further information or for application forms, call the Board of Examiners, telephone 2226. Applications will be accepted by the Executive Secretary, NACA Board of U. S. Civil Service Examiners, until further notice; however, employees are urged to file within two weeks of the date of the announcement in order to be included in the first list of eligible names which will be used in making probational appointments.

CAMERA CLUB PLANS SERIES OF LECTURES

The Hampton Camera Club is inaugurating a series of twelve lectures on photography by Andy Sea of the Photo Lab. The lectures are designed to appeal to both beginner and advanced amateurs. All phases of photography that might be of use to the amateur will be covered in the course. Some of the subjects to be presented are: camera optics, basic photographic chemistry, developing and printing techniques and posing and lighting of models.

The lectures will begin Wednesday, February 11 at the Syms-Eaton Community Center at 7 p.m. The tuition fee will be four dollars. Further information can be obtained from Bill Biebel, Full Scale Analysis.

FOR SALE: Exakta v.p. reflex camera. F2.8 snyder xenar lens with carrying case. Call Hampton-8162 after 5:30.

WANTED: Passengers from Marshall Courts to E.A. on 8 shift. Myrtle Massey, 2303.

FOR SALE: 1938 Dodge 4 door sedan with radio and heater. Pat Cancro, 19-foot.

FOR SALE: Or will trade 1948 Kaiser sedan. Call Hampton 8192.

WANTED: Ride from King and Court to W.A. on 8 shift. J. Rodriguez, 4593.