



## OFFER ART COURSE TO LAB EMPLOYEES

Registration for the evening course in Creative Drawing and Painting, offered by Hampton Institute's Division of Adult Education and taught by the noted Austrian artist Ernesto Lothar, is scheduled for Monday evening, March 22. The class will meet each Monday at Curry Hall, Hampton Institute, from 7 to 9:45 p.m., until the term ends on May 31.

During the first semester of the current school year, a number of students from Langley Field and the NACA were enrolled in the course in Creative Photography, taught for the Adult Education Division by Leo Katz, Chairman of the College Art Department. William Cooper is Director of the Division of Adult Education.

## EDUCATION PROGRAM OFFERS TYPING COURSE

The Vocational and Adult Education Department of Hampton High School announces a new 40 hour typing course which will begin on Thursday, March 25. Class will meet on Monday and Thursday nights of each week for two hours. The course will be divided into two parts - an elementary section and a combined intermediate and advanced section. The elementary section will hold its first class meeting at 7 p.m. and will study the fundamentals of typing and the keyboard while the combined intermediate and advanced section will meet at 7:30 p.m. and will continue to improve techniques and speed at their respective levels.

(Continued on page 2)

## RED CROSS NEEDS \$2000 TO REACH GOAL OF \$3500

The Laboratory's Red Cross campaign is \$2,000 short of the goal of \$3,500 and drive workers expressed a hope that employees will respond to their renewed solicitation efforts today, Monday, and Tuesday, at which time the campaign is scheduled to end.

As of the past Wednesday, a total of \$1529.77 had been contributed by 806 NACA employees, making the average contribution approximately \$1.90. Although more than 2,000 employees have not yet contributed, this figure is expected to be cut down considerably by Tuesday in view of a number of commitments previously made to the Laboratory's solicitors.

The Administrative Area, directed by Lucy Bainbridge, is leading the areas in contributions thus far, with a total of \$518.07 contributed by 257 employees. Second is West Area (North), headed by Janie L. Burroughs, with \$436.46 given by 211 employees. In the West Area (South), led by Vera Huckel, \$308.71 has been contributed by 209 employees, and in the Full Scale Area, in charge of Helen Northcross Foley, \$266.53 has been contributed by 129 employees.

The average contribution by areas is as follows: Full Scale, \$2.07; West Area (North), \$2.07; Administrative, \$2.05, and West Area (South), \$1.48.

Drive workers realize that they have a lot of work to do between now and Tuesday in order to put the campaign over the top and they are requesting the full cooperation of those employees who have not yet contributed. Those who are inadvertently missed and who wish to give are requested to contact their area chairman.

## Air Scoop's Picture Album



The above picture shows the NACA as it looked twenty years ago. Directly behind the Administrative and Service Buildings are ART, VDT, and the two power plant buildings. The last building on the right is PRT. Since 1928 the 8-Foot High Speed Tunnel, Full Scale Tunnel, Free Flight and Spin Tunnel, Dynamic Model Shop, and Tank I and II have been built in the vacant area to the right of the old PRT. Shown in the middle of the picture is the old NACA Hangar.

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Editor. . . . . Ruth Angel  
Staff Photographer. . . . Bill Taub  
Reporters . . . . Langley Employees

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## LIFE AT LABORATORY

Passing out cigars. . . . .

is Walter Bartlett, Pileless Aircraft Research. He became the father of a nine pound, five ounce son, Walter, III, on Thursday, March 11. The mother, Shirley, is formerly of the Telephone Exchange.

Making plans to join. . . . .

the ranks of old married folks is Bill Outten, Instrument Calibration. He is engaged to Cabby Mingee of Phoebus.

Another Laboratory romance. . . . .

was climaxed last Saturday when Pauline Hanna, Instrument Calibration, and Harvey Charles, General Research Instrumentation, took their final vows at the First Presbyterian Church in Newport News. Laboratory employees taking part in the affair were ushers James Heffernan, Circulation; Richard Hodges, Instrument Service; and Edward Hanna, East Machine.



Word has just reached. . . . .

the Laboratory that Seymour and Harriet Bogdonoff, formerly of Gas Dynamics, are the proud parents of a daughter. The new addition arrived on Leap Year Day.

Another Laboratory maiden. . . . .

who is making plans to change the Miss to Mrs. is Regina Dickinson of Induction Aerodynamics. She is engaged to Captain Will Francis Maguire of Langley Field.

Dan Cupid seems. . . . .

to be doing rather well in the Sound Lab with two weddings scheduled to take place in May. Making plans for a May 16 wedding are Mirjam "Mit" Kangas, 9-Inch Supersonic, and Weimer "Presto" Tuovila, Sound Lab.

Another bachelor who. . . . .

is planning to give up his freedom on May 29 is John Baker, Sound Lab. He is engaged to Cynthia Sewall of Hudson, Ohio.

Perserverance is failing nineteen times and succeeding the twentieth. --Dr. J. Andrews

WANTED: Ride from Kecoughtan and Pocahontas to East Area on 8 shift. Carros, 2281.

There is nothing by which men display their character so much as in what they consider ridiculous. -Goethe

He who can not forgive others breaks the bridge over which he must pass himself. --George Herbert

## SHARP APPRAISES THINGS TO COME

E. Raymond Sharp, Director of the Cleveland Laboratory, was the author of a guest editorial in the January issue of "Aero Digest" in which he appraised things to come in the world of aeronautical research in the light of his recently completed quarter century of NACA service.

According to Sharp, whose continuous association with aeronautical research began on February 1, 1922, when he accepted employment with the NACA as the 54th employee at the Langley Laboratory, the first 25 years might be termed the early subsonic phase. "Phase II, the supersonic phase, is either here or just around the corner. We begin a new phase of development, the potentialities and promise of which are greater than ever before in the history of aviation."

The development of the engine was described by Sharp as providing the "script for Act II, and there are roles enough for all. It is a development that will call for great effort from the research laboratories, the design staff, in the development stands, and in actual service." He declared that, "as never before, we must look to the research laboratory and its scientific staff for the fundamental data from which the designer will evolve advanced models. The rate at which progress is made will reflect the effort that is expended on the many scientific problems to be encountered. New apparatus and new techniques in the laboratory will be necessary and research staffs adequate to make satisfactory progress will be required."

Sharp pointed out that, "Today NACA research facilities and staffs are taxed to the limit, and enlarged facilities and new research tools will be required as new problems develop. Time, however, is our most precious asset and our most hazardous liability. We must make progress as fast as possible. He added, "The tempo of Act I will not serve for Act II; it must be accelerated if research data are to be supplied in synchrony with the needs of the designer. An enlarged research staff can be used to great advantage."

Sharp, who served 18 years at Langley before being transferred to Moffett Field and later Cleveland, mentioned that "the mere passing of a landmark (his 25th anniversary in aviation) was not in itself of any especial significance; it did seem to be a convenient point at which to evaluate the accomplishments that had been made in the field with which I had been associated throughout my working life. It is a source of deep satisfaction to have been associated in any capacity with an engineering science whose early hopes and dreams have been so largely realized in a brief span of 25 years."

## TYPING COURSE

(Continued from page 1)

The course will be taught by Mrs. Eloise McGehee. Persons may make application for the course at the registration desk near the Victoria Avenue entrance to the high school on Monday and Thursday nights from 7 to 8:30.

WANTED: Ride to New York this week-end. Peitzer, 4577.

WANTED: Ride for 2 to Washington or Philadelphia on March 25 or 26. Maher, 4408.

WANTED: Alternate drivers from Sussex-Hampton to East Area on 8 shift. Weinglash, 2394.

WANTED: Ride from old Shell Road to E. Area on 8 shift. Trudy, 2328.

# FINAL PLAYOFF NEXT THURSDAY

Last week the Men's Basketball League closed its regular season of play with Stability #1 and Loads tied for first, Variety and 16-Foot tied for third, and 19-Foot, IRD, and West Machine tied for fifth.

In the final games Pilotless Aircraft came out on the winning end of a 28-11 score over Stability #2. The Stability #2 team was held to only two points during the first half to the winners sixteen. Heners took high scoring honors for PARD with eighteen points.

Variety took a 44-20 win over PRD to tie 16-Foot for third place. Variety was well ahead at half time 21-6 and added 23 more points during the second half to the losers 14. Luke Liccini took high scoring honors with 17 points.

Loads defeated West Machine 28-15 to end up in a tie for the number one position. The first half was rather slow getting started with Loads leading 10-6. Mertens was top scorer with 14 points.

IRD walked all over 9-Inch to take a 48-15 win and move from eighth place to a three way tie for fifth. IRD was well ahead at half time 26-6 and managed to chalk up 22 more points to the losers 9. McConnel, Collier, and Knoll all scored 10 points each for the winners.

Last Monday night the first round in the tournament got underway with 9-Inch winning their opening game over Stability #2 by a score of 48-5. The losers were held to only two points in the first half while the winners chalked up 18. John Houbolt was top scorer with 17 points. As the "Air Scoop" went to press the quarter-finals had not been played but 9-Inch was scheduled to meet Stability #1.

IRD took an easy 43-17 win over PRD to remain in the playoffs. IRD was well ahead at half time by the score of 21-8 and managed to widen the margin even more by adding 22 more points in the second half. Jim McConnel was big gun for the winners, getting 12 points. IRD was scheduled to meet the Variety Quintet in the quarter-finals.

In the final game of the first round West Machine barely nosed out West Model by the narrow margin of 18-13. The West Model boys were ahead 7-5 at half time but succumbed to their opponents to lose by a bare six point margin. Jack Kinzler was top scorer for the winners with 5 points and Balmer, West Model, was top scorer of the game with 8. West Machine was scheduled to take



Player	Team	FG	F	TP	G	Avg.
Mertens	Loads	87	14	188	11	17
Himka	16'	56	9	121	9	13.4
Cancro	19'	51	16	118	10	11.8
Polhamus	Sta.	53	2	108	10	10.8
McConnel	IRD	44	12	100	9	11.1
Davis	19'	44	8	96	11	8.2

## VOLLEY BALL

Team	W	L	Avg.
Structures	9	3	.750
E. Engineering	6	3	.667
9-Inch	6	3	.667
24-Inch	6	3	.667
S&C-PARD	3	3	.500
Gas Dynamics	3	6	.333
GA-PARD	0	12	.000

FOR SALE: 9mm Luger. \$30. E. S. Love, 9-Inch Supersonic.

FOR SALE: Philco-radio phonograph combination. Call Langley Field extension 4248.

NOTICE: Officer's wife residing on Langley Field will care for limited number of children by the hour, day, week, or month. Call Langley Field extension 4248.

on Loads and 16-Foot to battle with 19-Foot in the quarter-finals.

On Tuesday the semi-finals will be played with the winners of the Stability #1 - 9-Inch and the Variety - IRD games scheduled to meet at 7 p.m. The second battle will get underway at 8:30 p.m. between the winners of the Loads - West Machine and the 16-Foot - 19-Foot games. The winners of the two matches will meet in the finals on Friday, March 26 at 8:30 p.m. to determine the tournament championship.

### FINAL STANDINGS

Team	W	L	Avg.
Stability #1	10	1	.909
Loads	10	1	.909
Variety	7	4	.636
16-Foot	7	4	.636
19-Foot	6	5	.545
IRD	6	5	.545
W. Machine	6	5	.545
9-Inch	5	6	.455
PRD	4	7	.364
PARD	4	7	.364
W. Model	1	10	.091
Stability #2	0	11	.000

# BOWLING NEWS

## MONDAY DUCKPIN LEAGUE

Mechanical Maintenance is leading the Monday League with 38 wins and 16 losses. FGDA runs a close second with 39 wins and 18 losses.

Last week F. Dreixbach, IRD, took high set and game for the men with 331 and 126. Peggy Smith, Library, came through for the women with a 291 set and Kit Carson, 19-Foot, took high game with 115.

### STANDINGS

Team	W	L	Avg.
Mech. Maint.	38	16	.704
FGDA	39	18	.684
19-Foot	32	22	.593
PRD	31	23	.574
IRD	31	23	.574
Project 506	30	24	.556
Deadducks	28	26	.519
Full Scale	22	35	.386
CELEC	17	37	.315
Library	17	37	.315
Stenographic	16	38	.296

## TENPIN LEAGUE

Last week the Headpins came through to tie the Pinbusters for first place with twelve wins and six losses. Cason, Pinpoints, nosed out Cothren, Pinbusters, in the high game department with a 213 over Cothren's 212; however, Cothren came through to take the evening's high set with a 548. Ferne Driver, Fiscal-Wrecks, took high game and set for the girls with a 158 game and 403 set. The Pinbusters topped the other teams on both counts with a 865 game and 2352 set.

### STANDINGS

Team	W	L	Avg.
Pinbusters	12	6	.667
Headpins	12	6	.667
Paris	10	8	.555
Structures	10	8	.555
Missilot	11	10	.524
Aces	11	10	.524
East Model	11	10	.524
Splinters	9	9	.500
Low Turbulence	9	9	.500
Pinpoints	10	11	.476
Alleycats	9	12	.419
Missilleaneous	7	11	.389
Fiscal Wrecks	5	16	.238

FOR SALE: Hot Point table model washer. \$15. 257 F. St., Copeland Pk.

WANTED: Passengers from Buckroe to W.A. on 8 shift. Pavlik, 4532.

WANTED: Ride from Southampton to E.A. on 8 shift. Kabanna, E. Eng.

FOR SALE: Gibson tenor banjo. \$40. Call Hampton 3-3576.



## BELLES, PRESBY PLAY IN FINALS

In the semi-finals of the Girls' Basketball Tournament, the Belles came out on the winning end of a 26-9 score over 16-Foot. The guards of the winning team, Jean Scott, Marjorie Blum, and Edna Scott, held the losers to only two points during the first half while the Belles chalked up 13. Taking high scoring laurels for the winners were Lorean Cooper with twelve points, and Becky Boykin and Louise Crane with seven each. Top scorer for the losers was Maxine Horne with six of the loser's nine points.



Next week the Belles will meet the Presbyterian team to determine the tournament championship.

## PLAN TO FORM SOFTBALL LEAGUE

A meeting for the purpose of making plans for the coming softball season will be held Monday, March 22 at 7:30 p.m. at the Activities Building.

All teams interested in participating in the league are urged to have a representative present at the meeting and if possible a list of team members.

### Coming Events

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

- March 19 - Personnel Party
- March 20 - Full Scale Party
- March 22 - 7 p.m. Skychicks vs. Suffolk
- March 23 - Men's Basketball semi-finals at 7 and 8:30 p.m. Bridge Club Volley Ball
- March 24 - Library Party
- March 26 - 7:30 Skychicks versus Buxton Nurses
- 8:30 - Men's finals
- March 27 - Flight Party and 9-Inch Party

WANTED: To join car pool from Elizabeth Rd. to E. Engineering on 8 shift. P. B. Campbell, 2351.

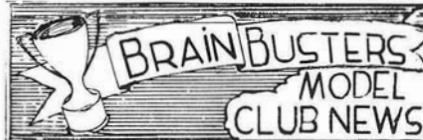
FOR RENT: Single and double rooms for girls. Breakfast served. 407 Newport News Ave., H - 33419.

FOR SALE: Gelto camera with carrying case, f 4.5 grimmel lens. D. McSmith, Hampton 6661.



Charlie Folk, West Machine Shop, is shown above with the Klunker which he designed and built in the Spring of 1947.

--Photo by Dick Everett



By Joe Blanco

This article, the third in a series concerned with Brainbuster models and their builders, features the Class "C" Klunker designed and built by Charlie Folk, West Machine.

The airplane is a comparatively new design as compared to old reliable ships used by a majority of club members. The two airplanes previously presented have been developed over a period of years but this model was designed and built in the Spring of 1947.

The Klunker, which was fashioned after the old reliable Swoose design, has had a successful season of contest flying.

The ship features a very short tail moment arm, being only 16 inches from wing to stabilizer, with an 11 inch wing chord and 64 inch span. Powered with an Ohlsson 60 it climbs very fast in right hand circles and has a slow skidding glide with very tight turns. The CG on the Klunker is directly below the wing trailing edge, with the large lifting stab carrying much of the total weight.

The Klunker took fourth place at Washington in July with a time of over 30 minutes. Next it was entered in the National Model Meet at Minneapolis where it took third place with a total of 15 minutes, 22 seconds.

The best times recorded officially for this ship was 57 minutes total time which gave the ship first place at the Concord, N. C. meet in September.

## CAMERA CLUB MEETS WED.

The next meeting of the Hampton Camera Club will be held Wednesday, March 24 at 7 p.m. at the Syms-Eaton Community Center. The program will open with the regular course lecture by Andy Sea followed by a model work night. All members and camera fans are urged to attend and bring their cameras as a model will be on hand.

### "SAILING SAFETY"

Laboratory employees, who own pleasure vessels less than 65 feet in length, are reminded of the weekly articles appearing each Monday evening in the local newspaper on "Sailing Safety". These articles have been prepared by the Coast Guard Auxiliary, Flotilla 55, of Newport News and are intended to provide pleasure craft owners with information relative to the legal requirements for equipment to be carried aboard motorboats.

Free inspections, involving no obligation or liability to the owner, will begin May 1 and continue through July 1. Inspection stations will be set up at the Hampton Yacht Club and the Flotilla base at Municipal Boat Harbor.

WANTED: Girl to share room. Mrs. D. K. Judd, 406 Glenndale Rd., Hampton 3-2445.

WANTED: Passengers to New York leaving March 26. Brody, 4510.

WANTED: Ride from Briarfield Manor to E.A. on 8 shift. Gilbert, 2224.