

AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 4, Vol. 4

Air Scoop, January 26, 1945

Page 1

SHOAF TO REPLACE ANN T. BOATRIGHT

The newly-elected Green Cow Committee held its first executive meeting Wednesday in Chairman Marvin Pitkin's spacious rumble seat. Chairman Don Talmadge read a brief message from Haile Selassie, after which Chairman Chairman John Houbolt announced that the remaining time would be devoted to pressing business. (In his spare time, it is understood, Houbolt works as a tailor.)

In a moving address, Chairman Ann T. Boatwright then announced that she was moving to join her husband, who recently left LMAL following his election as representative from Benham, Kentucky to the U. S. Army.

The motion was carried, and Chairman Chairman Houbolt regretfully accepted the resignation on behalf of the Committee. It was decided that Harry Shoaf, who placed fifth in the Cow elections, will be appointed to the Committee and named Chairman as soon as the results of his blood test are available.

Agreeing unanimously that no committee can operate efficiently until it relieves itself of all work and responsibility, the group announced the appointment of Air-Scoop's Dot Severance as Art Director, and Gerald G. Kayten as Director of Publicity and Promotion.

Continued on page 2

MARCH OF DIMES BALL FEBRUARY 1

The local chapter of the National Foundation for Infantile Paralysis will sponsor a President's Birthday Ball at the Hampton Armory on Thursday, February 1, in connection with the national March of Dimes campaign now being conducted.

Miss Polly Willis, Personnel Services, chairman of the dance committee announced that Laboratory employees will be able to purchase tickets from Monks, General Purchase, or Ruth Angel, Air Scoop. Tickets are \$1.20 tax included.

Eddie Travis and his orchestra will provide the music and dancing will be from 9:30 until 12:30.

FACILITIES OF USO ARE INVESTIGATED

A group of USO representatives met with Laboratory officials January 16 for the purpose of studying the decrease or increase in the need for Industrial USO activities on the Peninsula. In view of the fact that the number of war workers has grown considerably, it was decided that the activities should be improved and increased.

The representatives were: Eunice Schmidt, Regional Supervisor, USO, New York City; Frank M. Long, Director of Hampton Industrial USO; William F. Meyer, Jr. Supervisor USO, New York; Ernest B. Smith, Regional Supervisor of USO, New York; and Edson A. Derman, District Supervisor, Norfolk, Va.

RUSSIAN, GERMAN COURSES OFFERED

Since staff members have indicated a desire to study Russian and German, these courses may be offered through the University of Virginia Extension Program. Russian will be taught by Boris Rosenfeld of Construction Drafting and German by Paul Kuhn of Structures Research. Both elementary and advanced classes will be offered for two semester hours college credit and each carry the regular \$15 fee.

Classes will begin as soon as sufficient personnel register for them. To register or to obtain additional information call the Training Division, phone 2300.

WANTED

If you happen to have any copies of the Air Scoop issue of December 8, it would be greatly appreciated if you would send them to the Air Scoop office in the Service Building.

The demand for this issue exceeded our supply and we find ourselves in the embarrassing position of having but one lone copy in the files. We really need a few more to fill requests for back issues, so please.....

LAB COOPERATES IN PARALYSIS DRIVE

Forty brightly colored cardboard coin banks have been placed in convenient spots throughout the Laboratory in cooperation with the annual March of Dimes drive of the National Foundation for Infantile Paralysis, and it is hoped that the Lab employees will respond to this appeal as generously as they have supported other charities in the past.

Half of the funds collected will be spent locally so needy children, stricken by infantile paralysis may receive the proper treatment, long hospitalization and whatever braces may be required by the individual case.

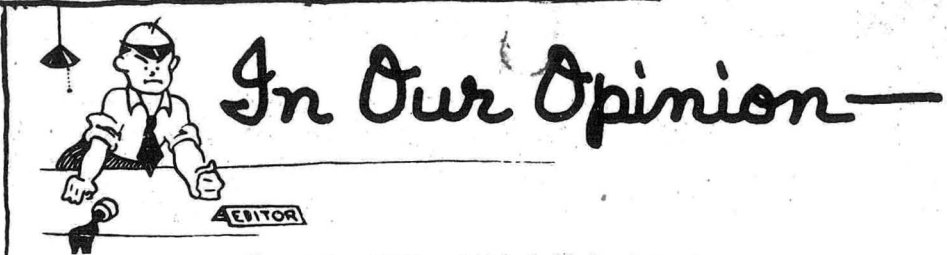
The other half of the money goes to the National Foundation for research into the cause, prevention and treatment of the disease. It is spent to provide emergency equipment and trained technicians who stand ready to rush assistance to any area where infantile paralysis threatens to spread to epidemic proportions.

EXTENSION COURSES

START JANUARY 30

According to registration for the University of Virginia Extension courses January 23 at the Hampton High School and John W. Daniel School in Newport News, the following courses are scheduled to begin Tuesday, January 30, 1045: Integral Calculus, Elastic Stability at the Hampton High School; Marine Engineering, Strength of Materials II, at the John W. Daniel School in Newport News.

In order to offer a class, a quota of eight registrants is required. An insufficient number registered for Analytical Geometry, Electronics, Trigonometry, Fourier Series, Mathematical Methods in Engineering, and Operational Calculus. However, if enough interested personnel register on January 30 the classes will be offered. For further information call the Training Division, Phone 2300.



In Our Opinion—

"...and a little child shall lead them"

The most priceless story that we have heard recently concerns an eight year old lad from North Carolina.

★ ★ ★

This youngster came to Newport News not long ago from a large farm in the Old North State where his few years had been spent in the companionship of his good friends, the chickens, the cows, the pigs, and whatever other compatriots a child can find on a farm.

★ ★ ★

Newport News seemed quite a place to this young fellow. Why they even have playgrounds and city sponsored recreational activities (though an eight year old would scarcely call them that) where you can play with lots of other kids and have somebody to watch over you and make sure that you have a good time! Strange things-nice things to a farm boy.

★ ★ ★

Then one day the nice lady told them about some other children, not as lucky as themselves, who couldn't come out and play with them or any other children because they were crippled. What was it that she said they had had? Oh, yes, infantile paralysis, unpronounceable perhaps to an eight year old, but easily understandable because it keeps oh so many kids from enjoying part of their heritage, the freedom from fear, and something else equally as important to them, the freedom of play.

★ ★ ★

What else was it that she was saying--that some people were taking up a collection to try to cure those who had already been afflicted and to try to prevent the crippled aftermath that others would face?

★ ★ ★

Grateful for his recently found playmates and the happiness that they had brought him, this boy began to think the strange, wonderful thoughts that wander in and out of the minds of all eight year olds. How nice it would be to help those children. What a wonderful thing if they too could romp and play in the sunshine.

★ ★ ★

And because the mind of a child can grasp only a simple undeniable belief that whatever is wrong can be made right, our young hero, and by Glory he is a true hero, went to work. He walked from house to house, from block to block, with the tireless energy that eight year olds seem to possess, collecting pennies, nickels, and dimes to help those less fortunate than himself. And then he turned in the results of his efforts, sixty-five dollars.

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And so, somewhere in Newport News tonight, there sleeps a youngster, deep in a happy dream where he sees children miraculously lifted from sick beds and put down in playgrounds and fields to run and jump and hop and skip just like millions of others. A bit impossible, you say? A bit far fetched, perhaps? It is not within your power, my friend, to disprove this child's dream, but you can help it come true.

COME GET THOSE LOST SPECTACLES

Do your eyes hurt you? If they don't, they should--that is if you're one of the six people whose glasses have been turned in to the Air Scoop Office. Somewhere around the Lab, during the last few months, some people have found six pairs of spectacles and forwarded them to us for safekeeping. As yet we have had no inquiries. We would relish the opportunity to give them back to whomever they belong.

In addition to the glasses, we have several assorted rings, keys, gloves, jewelry, and various and sundry articles of clothing. We're going to throw them away next week if they're not claimed. They take up an awful lot of space in our miscellaneous file.

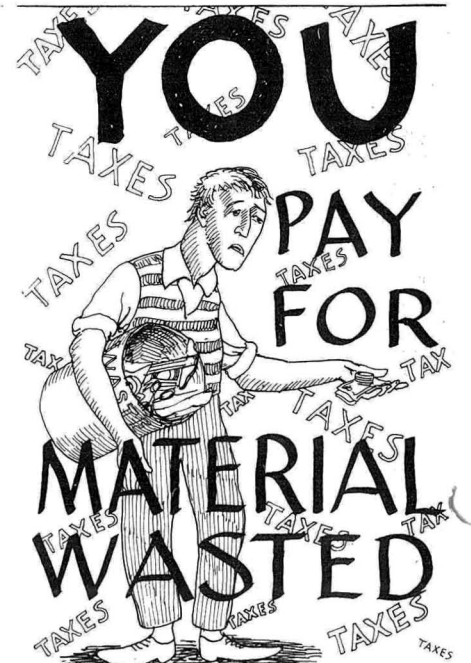
GREEN COW

From page 1

Kayten is well suited for handling Cow publicity, having had experience in the field.

An invitation to attend the formal opening of the 1944 Green Cow Committee reserve piggy bank was accepted, and the funds will be transferred next Tuesday or Wednesday or else.

Chairman Pitkin's suggestion that the committee sponsor several dances this season was received with polite interest. It was decided that a number of membership tickets would be printed and placed on sale before the next full moon. Further details will be revealed noisily in next week's Air-Scoop.



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1944 IN SPORTS REVIEW

The year 1944, the Laboratory's biggest in sports activity, saw Structures Research emerge as champions of the entire program. Lundquist's youngsters from the West Area topped the touch football league, tied for first place in regular play in softball only to lose to 19-Foot in the playoffs, and took third place in both the women's softball and men's basketball loops. This gave them 57 out of a possible 62 points, on a tabulated basis.

AWT, making its first appearance in sports, go off to a flying start and took second place with 42 points. Competing in only three out of four leagues, AWT athletes took second in touch football, second in women's softball, and tied for third in men's softball.

PRT came in third with 40; Flight was fourth with 34, based on only three leagues; and 8-Foot was fifth with 33 1/3.



Claude Hart

Claude Hart, Top Man

Nominated as athlete of the year was Claude Hart, who alternated his services between Full-Scale and Flight, and landed a berth on both the softball and football All Star teams. He also turned in a fine performance for Flight in basketball. As third baseman for Full-scale, he placed on the select group for the second straight year while as half-back for Flight, he was the leading scorer of the year.

Al Martina, 19-Foot's softball pitcher, was the most outstanding newcomer to the Laboratory athletic scene. The only league pitcher with speed, control, and "stuff," he was the chief reason that the mythical pennant hangs at 19-Foot.

Come The Ladies

Having their own organized league for the first time, the fair sex came forth in softball with Loads winning the championship and AWT and Structures just behind. There was no one particular star but Kit Carson, Loads shortstop; Nancy "Doormat" Shelton, Personnel's pint-size catcher; and Sybil Bateman and Margaret Farmer, pitchers from Structures

and AWT respectively were the top notches.

In the first season of basketball activity, the 8-Foot High Speed Tunnel boys, led by Captain Arvo Luoma and paced by high scoring Hank Fedziuk who tossed 'em in for a better than ten points a game average, walked off with a perfect record and the championship. This was the only perfect record of the year.

Softball's Biggest Season

The biggest surprises in the men's softball league were the appearance of Pitcher Al Martina of 19-Foot's champs, and the demise of the Full-Scale Tunnel team, winners of the regular season play in 1943. The responsibilities of marriage evidently weighed heavily upon the head of Full-Scale's stellar pitcher, Roy Lange, who lost seven straight games after taking his vows in mid June. Full-Scale also participated in the most exciting game of the season against Structures, who had knocked them out of the championship the year before. The teams met twice during the year and both games were called on account of darkness after they had been tied and had gone into extra innings. Finally, with Lange tossing two-hit ball, Full-Scale came through with a 5-3 triumph.

Other highlights of the softball season were Carl Cecil's no-hitter over Stability... Si Diskin's ditto over 19-Foot in the playoffs... 8-Foot's third successive triumph over Structures... AWT's six games that were either won or lost by one run... PRT's whirlwind finish to tie for third place... Stan Spooner's mighty home run that finished the softball season just when everyone was looking around for snowshoes.

Touch (or Tough) Football

Winning team honors in a season marked with a small number of torn cartilages, cracked collarbones, busted fingers, charleyhorses, and what have you, was the Structures Research Division. Displaying a magnificent defense, which saw their goal line crossed only once, Captain Dave Ochiltree's stalwarts wound up the season with a scoreless tie with Flight Research, the only blemish on their record.

Among the never to be forgotten sidelights in the league were... Cancro's fifteen touchdown passes... Flight's 69-0 win over IRD... PRT's four tie games... Forsyth's blocking... AWT's sudden collapse after seven straight wins... The rise and fall of Ned Bowen's PRD team... The old men, Jack Westfall, Paul Taylor, Harold Kleckner, and Bruce Amole giving and taking it with the boys.

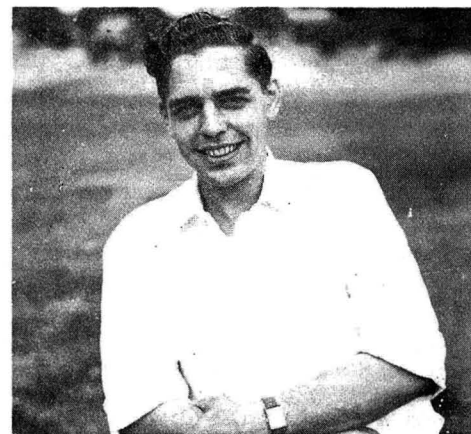
Among The Minor Sports

Coming in for honors along other sporting lines were the devotees of golf, tennis, and sailing. The NACA Golf Club topped their summer play with the Annual Sandtrap Meet. Tom Carpini, IRD, won individual honors and Dale Burrows,

IAL, and Bill Sperry, Structures, teamed to be top pair. Ed Kilgore, East Engineering, won the City-County singles title to take top honors in tennis. John Becker, 16-Foot; and Paul Hill, PRD, and Ray Hansen, IRD, carried the mythical Laboratory standard to first places in the 16th Annual Hampton Yacht Club Regatta while Hank Fedziuk, Research Records, and Don Reisert, Loads, came through with other places in their respective sailing classes.

Unsung Heroes

Deserving special credit are those individuals who carried the torch in getting two new leagues, Men's Basketball and Women's Softball, started during the year. Pete Korycinski, 16-Foot Tunnel, headed a committee of Hank Fedziuk, Bill Craig, and Blake Corson, who went to bat to get things started for basketball, and Annie Young, Assistant Counsellor to Women, was the guiding light behind the girls' activity.



Al Martina

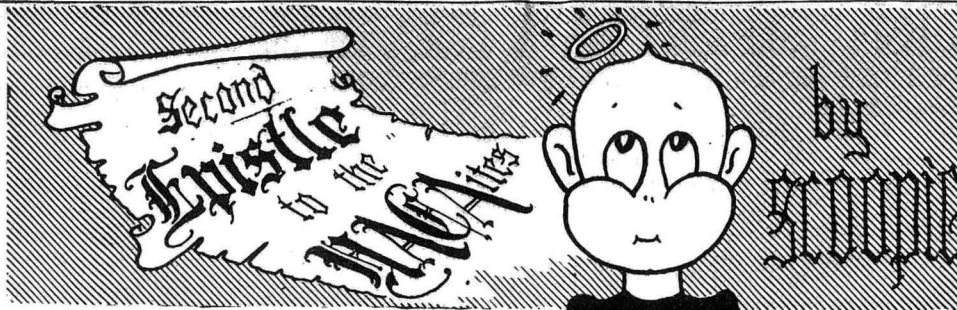
The promotion of these activities would have been impossible without the guidance and assistance rendered by Frank Long, Director of the Hampton Industrial USO, and Glenn Dowling, Hampton-Elizabeth City County Recreation Director.

A total of nearly 700 employees took part in the four organized leagues representing the greatest player participation to date.

Comes 1945

This year is already showing signs that it will be a still bigger one in sports participation. The girls have started a basketball league and the men's league has practically doubled its number of teams and players. There are also five Laboratory bowling leagues going full blast in addition to the Stability Division league, the only one not burned out with the Wythe alleys last year.

The last news concerning the proposed recreation center in the West Area said the project had been approved pending the availability of funds. As far as athletics are concerned, that can't be too soon.



When thou goeth forth to eat, take thy place in line with dignity. Shove not forward, nor yet slacken thy pace until those behind thee fall upon thee and throttle thee and call thee "Bottle-neck."

And if, whilst in the Cafeteria, thou shalt see someone seated at a table designated "Reserved," be lowly unto him, and call him Sir for he is an Executive and he prizeth much his Gold Badge and private office.

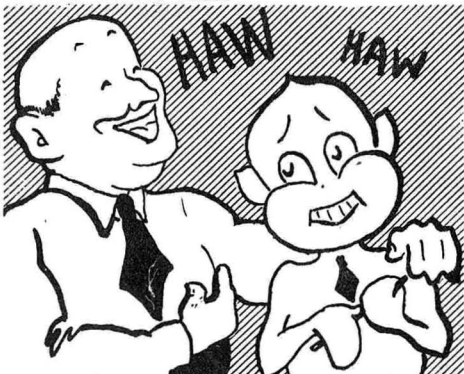
When thou takest thy Orientation Tour, prepare thyself with pillows and soft cushions for thy ride. For thou shalt be shaken and bruised and thou shalt wish for the hour of thy deliverance.

And pray that thy Tour be not in the winter, when the wind howleth through the bus, when thou shalt shiver within the Full Scale Tunnel, and thy teeth shall chatter in the Hangar, and the Tank shall be to thee but a torture chamber.

And pray ye likewise that thy Tour be not in the summer, when the sun beateth down upon the bus, when thou shalt roast within the Full Scale Tunnel, and thy tongue shall hang out in the Hangar and the Tank shall still be to thee a torture chamber.

When thy Section Head frowneth, mumbleth to himself, and is seemingly distressed, apply thyself with diligence to thy work, horse not around, nor jest with thy comrades, lest he fall upon thee like a whirlwind and grade thee down on thy Efficiency Report.

But when thy Section Head smileth, and slappeth thee on the back, and bringeth forth ancient jokes, laugh heartily though it killeth thee and he will love thee and pave the way to promotions before thee.



And if thou shouldst ever behold a strange, learned-looking individual who pussyfooteth about thy cubicle whilst

thy Section head is not present, make thyself known to him, seek to impress him and shield from his eyes untidy arrays of material things. For he is called Division Chief, and he is All Powerful, and he cometh with prying intentions and is up to no good.

And if thou art sent to toil in one of the shops, and thou receivest a blueprint from someone, start not to work on it right away. Tarry awhile, though he who bringeth it maketh unto thee a claim that it was needed yesterday.

For he shall return to thee ere the day is passed, crying on thy shoulder, begging thy forgiveness, and making himself unusually humble for an engineer, and shall state that he hast given thee the wrong set of prints.

And if thou hast the desire to seek greener fields, ponder carefully the thought of becoming an engineer thyself. When thou entereth the portals of any research division, take with thee a slide rule. It is written that it can even tell thee the sum of one plus one.

Even though thou art sent but to repair a desk, or lay linoleum, work frantically with thy slide rule, making many notations while frowning and biting thy lip and making unintelligible remarks. Take care to let the Engineers behold thee and they will speak to thee, and welcome thee to their midst.

And if thou art female, take care that thou cometh not to work in fine raiment lest thou stand out like a sore thumb. Put aside thy silken clothes, thy dainty frocks, thy ankle-strap slippers. And attire thyself in a sweater of mammoth size together with a skirt that reacheth not thy knees, and around thy throat drape a rope of fake pearls.

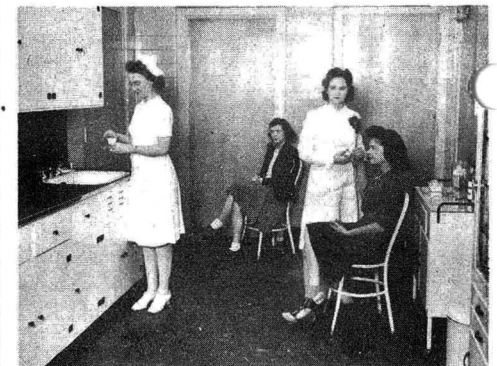
And woe unto thee if they shall make thee a computer. For the Project Engineer will take credit for whatsoever thou doth that is clever and full of glory.

But if he slippeth up, and maketh a wrong calculation, or pulleth a boner of any kind whatsoever, he shall lay the mistake at thy door when he is called to account and he shall say, "What can you expect from girl computers anyway."

EAST DISPENSARY IN NEW QUARTERS



The East Area Dispensary is now located on the first floor of the Utility Building - a quiet place where a person can go and be sick in peace. The new quarters consist of three rooms and a bath equipped with large storage cabinets and the latest remedies for sick tummies and mashed fingers as well as more serious injuries. On the left is Evelyn Thomas, who handles compensation claims for personal injuries, and on the right, Nurse Verna Sears.



Nurse Margaret Teagle, who is standing by the sink in the main room of the Dispensary is fixing a glass of spirits of ammonia for Nancy King while Nurse Verna Sears administers first aid to Martha Tamm's hurt finger. (Both ailments imaginary - the girls just came in to pose for the picture.) Adjoining this room is another room with three hospital beds where patients may rest. The plan and arrangements of equipment were drawn up and planned by Harry Henry, Safety Engineer.

MIMES GIVE PLAY IN WILLIAMSBURG

The USO Mimes are giving their fifth performance of "Funzapoppin" on Sunday, January 28, this time at the USO club in Williamsburg.

At present the Mimes are rehearsing "Room Service" under the direction of Allen Walker. The play is scheduled for presentation during the latter part of February.

FOR SALE: Motorola car radio in perfect condition. George Klein, Instrument Service, Night Shift.

TRYOUTS FOR LITTLE THEATER ON FEB. 4

Laboratory employees with a desire to don grease paint and make their bow in the footlights, or those who would like to shift scenery and fool with lights, or even those who just want to hand out programs will have another opportunity to fulfill their lifelong ambition at the Hampton Little Theatre's workshop night presentation on February 23.

David M. Goldenbaum, Tank 1, producer of the trial night performances, announced that three one-act plays will be produced and that tryouts for them will be held at the Symes-Eaton Community Center on Sunday, February 4.

Margaret Bame, Fiscal Office, will give local theatergoers a chance to taste her wares of playwriting and directing by directing her original play "On Mill Hill" for the workshop. Set in a North Carolina mill town, the action centers about the life of an average mill family.

Producer Goldenbaum said that the other plays and their directors will be announced next week.

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8' DESIGNS STRONG CHAIR FOR COMPUTER

Compressibility Research is always trying to keep its employees happy. So when one of its computers had repeatedly unfortunate experiences with the division's furniture, the great engineering minds of CRD immediately went to work on a solution to the problem. After days and nights of brain-busting toil, the following recommendations and diagram were sent to the Division Chief.

MEMORANDUM For Chief of Compressibility Research Division
Subject: Heavy Duty chair stressed to carry one Ann Merfeld

1. Good computers are difficult to find. We are most fortunate in having an outstanding computer in the person of Miss Ann Merfeld.

2. Things have come to a pretty pass. The chairs in the computing section do not seem suitably constructed to support Miss Merfeld in the manner to which she is accustomed. Structures Research has been requested to look into the matter. But meanwhile another chair has collapsed under Miss Merfeld, depositing her unceremoniously upon the floor. It is obvious that she will not tolerate such humiliation much longer.

3. The wear and tear on Miss Merfeld's posterior, as well as the destruction of valuable government equipment should be put to an end.

4. It is therefore suggested that a specially designed and stressed chair be obtained, and the attached figure is being submitted for your immediate inspection and approval as an ideal solution to the problem.

LIFE at the LABORATORY

New diamonds are still flashing around....

the Laboratory. The two latest victims are roommates Arrevia Bayer, Impact Basin, and Nancy Highsmith, Full Scale Tunnel. Revie is engaged to Dexter Potter, Impact Basin, and Nancy to Charles Taylor, Instrument Research. Both couples are planning a summer wedding.

Word has just reached the Laboratory....

that Coleman du Pont Donaldson, formerly of FGDA, was married Wednesday, January 17 to Barbara De Lacy Goldsmith of Windrush Farm, Princeton, N. J. Cole is awaiting his call to the Army.

Frances Wilson, Classification, has left....

the Lab to devote her spare time to becoming an Army wife. She was married Saturday, January 20 to Lt. Blair Whitehead of Arlington, Va. Odie Beckam, Full Scale, and Charlotte Lide, Tank, were bridesmaids. Kenneth Harper, Classification, was vocal soloist.

After cutting our way through the foul....

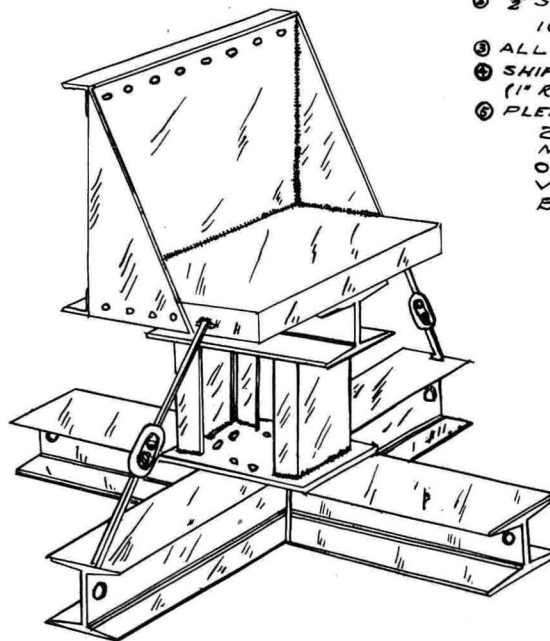
smelly cigar smoke in Full Scale Tunnel, to investigate the cause, we discovered that Clay W. Enoch had just become a father of a son, Charles Francis, born Saturday, January 20.

Another proud father is....

A. I. Moskivitz, ALD. He is the father of a daughter, Carol Frances, born Friday, January 12.

Lona Kunz, Library, was married....

January 23 in Lynchburg to Lt. James Hammond, Marine Corps. Helen Wall, and Ann Zepht, ALD, and Elizabeth Beatty, Full Scale Research, were bridesmaids. George Baab, Construction, was an usher.



- ① ALL WELDS TO BE FULL STRENGTH.
- ② 1/2" STEEL PLATE, 12" I" BEAMS, 10" CHANNEL TO BE USED.
- ③ ALL RIVETS TO BE 3/4" D. RD. HD.
- ④ SHIP BUILDING TURN BUCKLES (1" ROD) TO BE USED FOR GUYS.
- ⑤ PLEASE NOTE THAT SEAT IS 2' X 24" X 30" BOILER PLATE MAKING MANDATORY THAT OCCUPANT BE EXTREMELY WELL UPHOLSTERED FOR BEST RESULTS.

CHICAGO BRIDGE & IRON WORKS			
COMPUTERS CHAIR			
DRNG.	BEV	8-18-44	CONTRACT #
CHRD.	ADM	8-18-44	ORNG #
APPD.	DL	8-18-44	NACA 1154 C.B.2 1214

WANTED: Forester *29 or similar. Stan Brigham, Hampton 6009.

FOR SALE: Light oak bed, price \$25. Leo Rogin, Air Loads Calibration Laboratory.

WANTED: Ride to New York next Monday, Tuesday or Wednesday. Will gladly share expenses. Geraldine Beckner, Personnel Services, 2377.

MEET THE COMMITTEE

Dr. Vannevar Bush, one of the great scientific minds of our time, and a member of the National Advisory Committee for Aeronautics since 1938, springs from a line of ancestors that would be considered least likely to produce his kind of genius - his father was a minister in a quiet New England town, and his grandfathers sailed out of Massachusetts harbors in whaling ships. But young Bush had no desire to enter the seminary or follow the sea. From his earliest days, his life was devoted to science.

Dr. Bush was born in Everett Mass. 55 years ago next March 11, and he received his unique first name (pronounced Van-EE-var) in honor of the clergyman who married his parents. Like most American boys, he tinkered with machinery as soon as he discarded his baby toys, but, unlike most boys, he displayed a startling ability to re-assemble the things he dismantled without having too many parts left over. His early interest in science never faltered as he grew, and when he entered Tufts College it was to study engineering. He graduated in 1913 and quickly earned Doctor of Engineering degrees from both Harvard and M.I.T. (Seven more doctorates have subsequently been awarded him.)

Early in his career he worked in the testing department of General Electric, but he soon returned to Tufts as instructor in mathematics and later became assistant professor of electrical engineering.

During World War I, Dr. Bush did important research in submarine detection and in 1919 he joined the faculty of M.I.T. as Professor of Electric Power Transmission. While there, he invented a "differential analyzer" an incredibly complex mechanical brain which automatically solves intricate mathematical problems. The device is used by Army Ordnance researchers, by General Electric, the University of Pennsylvania and one or two other organizations and it is considered one of the most important inventions in modern technology. Incidentally, the General Electric machine is used on a rental basis by the NACA.

Dr. Bush remained at M.I.T. for twenty years advancing to Vice-President of the institution and Dean of the School of Engineering. He resigned in 1939 to accept the presidency of the Carnegie Institution a position that required him to direct such widely separated scientific pursuits as the Mount Wilson Observatory in California, plant and animal biology, and the division of historical research, among others.

When 1940 brought threats of war, Dr. Bush was alarmed at the unpreparedness of the United States in military technology, and he got together with some of his scientific friends to draw



up a plan by which the nation's research could be organized on a moment's notice. His plan was approved by the President and additional men (including Jerome Hunsaker, present chairman of NACA) were recommended for the group.

This organization now constitutes the U. S. Scientific high command. Called the Office of Scientific Research and Development, it has been spending about 135 million dollars a year since war started. A large percentage of this goes for radar research and other similar projects. The OSRD has contracted for 2,000 investigations, has completed 564, and produced well over 200 new devices. Most important of these has been the development of new techniques and tactics which have resulted in an astounding decline in shipping losses due to submarines and the questionable honor of getting credit for the decline from Hitler.

His work with the OSRD has overshadowed for the present his accomplishments with the Committee. However, he still takes an active part in NACA research and holds the distinction of having been chairman of the Committee from 1939 to 1941 during which time he did memorable work while chairman of the sub-committee on Power Plants for Aircraft.

But what is the personality of a man of these accomplishments? People invariably expect him to be at least mildly eccentric, but such is not the case. As a young engineer exclaimed after a talk with Dr. Bush, "Why he's so nice you'd hardly believe he had any brains at all." However backhanded the compliment, its meaning is unmistakable....Dr. Bush is unassuming and pleasant and his conversation is much more likely to be about his two soldier sons, his garden or his boating hobby than about abstruse scientific phenomena.

Dr. Bush is the author of such important works as Principles of Electrical Engineering (with W. H.

FOUR CAGE TEAMS STILL UNBEATEN

by Charlie Clark

The top four teams in the Community Men's Basketball League, East Shops, AWT, Flight Blues, and Low Turbulence, remained undefeated during the last week with Shops moving into first place with wins over 19-Foot and Free-Flight to bring their total wins to five.

Fred Rice's 14 points paced Low Turbulence to a 30-24 win over 8-Foot in the most outstanding game of the week. Beiduk and Fedziuk got six points apiece for the losers.

Ed Polhamus and Billy Bates, both of AWT, are the league leading scorers with 51 and 41 points respectively.

The standings:

Team	W	L	Pctg.
East Shops	5	0	1.000
AWT	4	0	1.000
Flight Blues	4	0	1.000
Low Turb	3	0	1.000
IRD	3	1	.750
8' HST	3	2	.600
Structures	3	2	.600
PRT	2	2	.500
ALD	2	2	.500
19' P.T.	2	3	.400
Free-Flight	1	4	.200
Tank	0	3	.000
West Shops	0	4	.000
16-Foot	0	4	.000
Flight Whites	0	5	.000

BASKETBALL CLINIC HELD FOR LEAGUE

Representatives from the Laboratory teams in the Girls' Community Basketball League attended a basketball clinic held yesterday at the Newport News Armory under the sponsorship of the Industrial USO Clubs and the College of William and Mary.

Two members of the physical education faculty at William and Mary, Misses Martha Barksdale and Caroline Sinclair demonstrated several techniques and styles of play. The clinic was held for the purpose of improving the play and officiating of the league. Another meeting is planned at a later date.

Timbie) and Operational Circuit Analysis in addition to numerous scientific papers.

He has also served with many scientific groups besides the NACA. He did outstanding work with the National Research Council, is a fellow of the American Institute of Electrical Engineers, American Academy of Arts and Sciences, American Physical Society, American Philosophical Society and the American Mathematical Society. In addition to his seven honorary doctors' degrees, he has been honored with the Levy Medal of Franklin Institute, the Lamme Medal of the American Institute of Electrical Engineers, the Ballou Medal of Tufts College and the Research Corp. award.