



BINGO WILL FEATURE CHRISTMAS SPECIAL

A Christmas Special will be the main feature of the Bingo Party next Thursday at 8:30 p.m. at the Activities Building as this will be the last Bingo game before 1949 makes his debut. The Christmas Special will be in the form of a grand prize game and an assortment of prizes will be given the winner rather than the usual one gift.

The winner of the Grand Prize game will no doubt have all his Christmas shopping worries solved as the list consists of over \$175 worth of merchandise, including a Universal electric blanket, Philco table model radio, Waring Blendor beverage and food mixer, Titan electric heater, Camfield "pop-up" toaster, Universal electric 7 cup coffee perculator, and a Lewis "two heat" combination waffle maker grill and toaster.

If you don't win the grand prizes you still have a chance to win the jack-pot game as ten numbers will be called next week and the prize list now includes a Gilbert electric food mixer, Camfield "pop-up" toaster, Proctor "Never-lift" iron, Universal Pressure cooker, Handy-hot apartment size washing machine, and Handy-Hot electric juicer.

In addition to the two big games 15 other games will be played, including a game for children with the winner receiving a Gilbert Erector set. Other prizes included on the list are: American Flyer electric train, Music alarm radio, Manning Bowman table broiler, Handy-Hot electric juicer, Manning Bowman 2 heat warming pad, Proctor "Never-lift" iron, Handy-Hot electric whipper, Personna carving set, Borg bathroom scales, Universal pressure cooker, Manning Bowman waffle maker, Dura-bilt folding iron, golf bag, and electric kitchen wall clock.

Air Scoop, December 3, 1948
Issue 47, Vol. 7

RETIREMENT ACT PROVISIONS CITED

Last week a retirement annuity chart for employees retiring after March 31 of this year was published in the "Air Scoop". As a follow-up article this week, information will be given as to the various service and age provisions of the Retirement Act.

Under the optional provisions of the Retirement Act, an employee with 30 or more years' service may retire on full annuity at age 60; or with 15 or more years' service, at age 62. He may also retire between the ages of 55 and 60 (provided he has at least 30 years' service), in which case his earned annuity will be reduced by one-fourth of 1% per month (3% per year) for each full month he is under 60 at the time of retirement.

An employee involuntarily separated (for other than cause) after 25 or more years' service will be paid an immediate annuity, regardless of age; his earned annuity, however, will be reduced

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1949 CALENDARS NOW AVAILABLE

The Stock Section has received the supply of wall and desk calendars for 1949. A written request for desk calendars should be forwarded to C. Booker, Stock Office.

A very limited supply of wall calendars have been received, therefore section requests should be forwarded through their division office. The division office will ascertain that all sections in the division have submitted requirements before forwarding the request to the Stock Office. Only requests received through division offices will be considered for wall calendars.

A special effort should be made to keep wall calendar requirements to a minimum.

Requirements for calendars should be in the Stock Office no later than December 13, as this will allow the Stock Section time to have them delivered by Christmas.

NACA EMPLOYEE WILL DELIVER WRIGHT LECTURE

Abe Silverstein, former head of the Langley Full Scale Tunnel and now Chief of the Wind Tunnel and Flight Division at the Lewis Laboratory, has been chosen to deliver the Wright Brothers Lecture before the Institute of Aeronautical Sciences on December 17 in Washington, D. C., commemorating the forty-fifth anniversary of the first flights by Wilbur and Orville Wright.

Silverstein's lecture, "Research on Aircraft Propulsion Systems", will summarize the research goals and the status of research efforts in the aircraft propulsion field.

The memorial lectures, given annually on December 17, are regarded as the most significant series on aeronautics to be given in this country and the second most noteworthy in the world.

Taking the cue from the Wilbur Memorial Lectures, inaugurated by the Royal Aeronautical Society in 1912, the Institute of Aeronautical Sciences started this series in 1937. They have followed the procedure of having a well known foreign expert and an American alternate year by year. B. Melvill Jones gave the first Wright Brothers' Lecture at Columbia University in 1937. Among the native research men to be singled out by the Institute was the late Edmund T. Allen, who presented the lecture in 1942, a few months before his death. John Stack, Assistant Chief of Research and the first member of the Langley staff to be selected, presented a paper on "Compressible Flows in Aeronautics" in 1944 at the auditorium of the United States Chamber of Commerce.

The late Dr. George W. Lewis, former Director of Research, delivered the twenty-seventh of the Wilbur Wright series in England in 1939.

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The Air Scoop, an official publication of the Langley Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Air Force Base, Langley Field, Va., is published weekly in the interest of its employees. Address contributions to the Editor, Service Building, telephone 2376.

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

LIFE AT THE LABORATORY

Lots of babies.
this week, in fact, it seems that everybody's having one. The record so far this week is four boys and one girl. Marring the perfect record for "all male week" was a daughter to the Johnny Catlett household on Friday, November 26. The proud father works in Instrument Construction and the mother, Mary, is formerly of Travel Office.

Celebrating the.
arrival of a new heir is Tommy Toll, Stability Tunnel. The new addition was an eight pound son, Richard Lloyd, born Sunday, November 28. The mother, Betty, is formerly of the Editorial Office.

Thanksgiving Day.
was the big day when Paul Bosta, East Model Shop, took a nose-dive into the sea of matrimony. His new companion is Janie Hopkins of Newport News.

Hope you don't.
get too tired of reading birth announcements but we can't do much about it. A new son, Larry Freeman, was delivered to the LaVern Winn household on Friday, November 19. The proud father works in East Model Shop.

Another Laboratory.
bachelor, Warren Tucker, Pilotless Aircraft, will leave his ranks to join the newly weds. He is engaged to Eleanor Holmstine, Editorial Office, and the big event will take place in the spring.

Another new father.
who is doing as well as could be expected is Bernard Robertson, East Engineering. He became the father of a son, David Ronald, on Wednesday, November 24.

Making plans.
to start the New Year off with a new wife is Bob Rainey, 9-Inch Supersonic Tunnel. He will tie the final knot with Peggy Stephens of Tampa, Texas on December 28 and the big event will take place in Tampa.

Passing out.
cigars in a manner typical of a new father is Howard Edwards, IRD. Howard is particularly pleased because his heir is a son and he arrived on Tuesday, November 30.

Minus his.
appendix and wanting some company is Dean Butler, Instrument Calibration. Dean is taking life easy at the Kecoughtan Veteran's Hospital. Returning to the Laboratory after several weeks illness are John Schaaf, West Sheetmetal; "Sarge" Waters, Telephone Exchange; and W. Kemble Johnson, Administrative Officer.

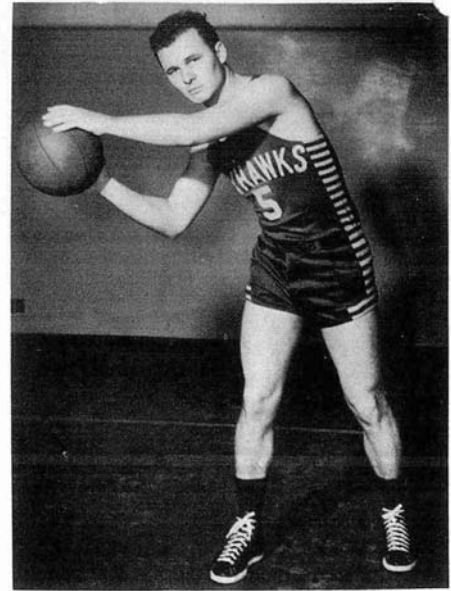
Radio enthusiasts.
are reminded that the club meeting will be held tonight at 7:30 at the club room at Fort Monroe.

Another Laboratory.
bachelor went and got himself engaged last week-end. It's Bud Young, IRD, and he is engaged to Rose Leverett of Ashford, Alabama.

LOST: Parker "51" fountain pen.
Black, 4509.

LOST: Gold Eversharp fountain
pen - reward. Rene Conner, 4403.

MEET THE SKYHAWKS



Billy Bates

One of the fast reliable basketball players who wears the togs of the NACA Skyhawk team is guard Billy Bates, Free Flight Tunnel.

Before entering NACA, he romped the sand lots of Nashville, Tenn. Bates played 2 years of basketball at Montgomery Bell Prep School and entered Vanderbilt University in 1940. In the 1940-41 and 1943-44 seasons he played guard for the Vandy's.

In March 1944 he received his M.E.-A.E. degree and entered on duty at Langley on March 28. He was one of the original members of the Skyhawk team when it was organized in 1945 and last year was captain of the Stability team, 1947 champs of the NACA Basketball League.

In addition to playing several seasons in the NACA Men's Basketball League, Bates also coached the former AWT Girls' Championship team and the Skychicks.

Bates, the second oldest man on the team, is single, stands 5-feet, 11-inches, weighs 165, and will reach the 29 year old mark next June.

FOR SALE: 300 pound Boche and Loomb microscope with slides, instructions, and photographic equipment. Nuckolls, W. Eng.

WANTED: Ride from King and Queen to W.A. on 8 shift. Hart, 4438.

FOR SALE: Portable record player and Heiland flash outfit for press type cameras. Watson, FARD.

WANTED: Passengers from Briarfield Manor or Copeland Park to E.A. on 7:30 shift. Carneal, 2211.

BOWLING NEWS

MONDAY DUCKPIN LEAGUE

19-Foot and Mechanical Maintenance are tied for top honors in the Monday Duckpin League with 20 wins and 10 losses each. Taking top individual honors last week were Irv Weinstein, Tank, with a 124 game and Irv and Bill Martz, Rocketeers, with a 314 set each. Starring for the women were Margaret Kash, Somnambowlists, with a 110 game and Beckie Revere, Mech. Maint., with a 298 set.

STANDINGS

Team	W	L	Avg.
19-Foot	20	10	.667
Mech. Maint.	20	10	.667
Tank	17	13	.567
Somnambowlists	17	13	.567
PRD	16	14	.533
16-Foot	15	15	.500
FGDA	15	15	.500
Rocketeers	13	17	.433
Electrical Shop	9	21	.300
IAL	8	22	.267

TENPIN LEAGUE

Last week's high men's scores were bowled by Paucker, Tyros, with a 211 game and Price, EICS, with a 571 set. Irma Twyman, Full Scale, bowled the women's high game with 154, but high set went to Elva Diger, Figures, with a 430 total. EICS was the team of the week with a 834 game and a 2376 set.

LEAGUE A

Team	W	L	Avg.
Cost Office	15	6	.714
EICS	17	7	.708
Low Turbulence	13	8	.619
East Model	12	9	.571
W. Engineering	12	9	.571
Alleycats	9	9	.500
Missilot	9	9	.500
Figures	10	14	.417
Splinters	7	11	.389
Waki Sakis	8	16	.333
Full Scale	6	15	.286

LEAGUE B

Team	W	L	Avg.
Headpins	15	3	.833
Missilleaneous	13	5	.722
Structures	12	9	.571
Pinbusters	10	8	.556
Flying Pins	9	9	.500
Flight Mechanics	10	11	.476
16-Foot	8	10	.444
PARIS	8	13	.381
Tyros	5	13	.278
Deadloads	3	12	.200

FOR SALE: "Machinery Handbook", "French's Engineering Drawing Book", Physics Book by Brownly, Baker, and Fuller, "Shop Mathematics". George Bewley, W. Transportation.

WANTED: Ride to W.A. from Wythe on 7:30 shift. Christian, H-8306.

FOR SALE: "Frontiers of Flight" by George Gray. E. Cafeteria.

CIVIL SERVICE EXAM OPENED

The Fourth U.S. Civil Service Region announces the opening of an examination for Engineers, Mathematicians, Physicists, and Metallurgists, P-1, \$2974.80 per annum. Those who qualify in these examinations may be given a probational appointment leading to a permanent Civil Service status.

Applications will be accepted by the Director, Fourth U.S. Civil Service Region, Temporary Building "R", 3rd and Jefferson Drive, S.W., Washington 25, D.C., until the needs of the service have been met.

The U.S. Civil Service Commission announced the opening of an examination for Junior Professional Assistant - option Technical Editor (Physical Science), \$2,974 per annum. Applications will be accepted by the U.S. Civil Service Commission, Washington 25, D.C. until the close of business on December 21.

BASKETBALL

Three teams are still undefeated in the NACA Men's Basketball League. Loads and West Machine I lead the standings with 4 wins and 0 losses and 19-Foot is still in the undefeated class with 3 wins.

STANDINGS

Team	W	L	Avg.
Loads	4	0	1.000
W. Machine I	4	0	1.000
19-Foot	3	0	1.000
IRD	2	2	.500
Variety	1	1	.500
16-Foot	1	1	.500
Apprentices	1	3	.250
7 X 10	0	3	.000
West Model	0	3	.000
W. Machine II	0	3	.000

TOUCH FOOTBALL

Only one game in the NACA Touch Football League was played last week due to the wet condition of the field. In the West Sheetmetal versus Loads game, Loads came out on the winning end of a close 6-2. West Sheetmetal led 2-0 at halftime by virtue of a safety but Loads won the game in the second half when Lindquist caught a pass to score.

STANDINGS

Team	W	L	Avg.
Structures	2	0	1.000
W. Sheetmetal	1	1	.667
Loads	1	2	.333
Independents	0	2	.000

FOR SALE: Blackstone wringer washer. Mulac, Research Personnel.

FOR SALE: Lawson leather couch and chair. Dr. Kaplan, PRD.

SKYHAWK SEASON WELL UNDERWAY

The NACA Skyhawks dropped their second straight game to the powerful Norfolk Air Station five 73-44. The NACA team fought vainly to pull up their score but the 16 man squad of NAS continually poured into the game wearing the Skyhawks down. The NAS coach stated that his team averaged from 4 to 5 hours practice daily against the Skyhawk's 5 hour practice weekly, which gives some comparison as to the physical condition of the two teams.

The Skyhawks missed Capt. Wally Luchuck, who was on night shift, but Bob Thompson came through with 15 points, Ken Merten with 7 and Chuck Bennett with 5.

The schedule for the Skyhawks is as follows: Dec. 7 Newport News Apprentice - Langley Gym; Dec. 12 Richmond Royals - in Richmond; Dec. 13 - American Legion, Langley Gym; Dec. 16 Blue Devils - Langley gym; Dec. 20 - William & Mary "E" team - Activities Building; Jan. 4 Little Creek Amphibs - Langley gym; Jan. 9 Gridiron Club - Activities Building; Jan. 14 Langley Flyers - Langley gym; Jan. 17 Naval Air Station Civilians - Langley gym.

Jan. 21 Blue Devils - Langley gym; Jan. 27 - American Legion - Activities Building; Jan. 31 - Fort Monroe - Activities Building; Feb. 3 Navy Mine Warfare - Yorktown; Feb. 6 Gridiron Club - Activities Building; Feb. 11 - Richmond Royals - Langley gym; Feb. 19 Little Creek Amphibs - Little Creek; Feb. 25 Norfolk Division - Norfolk; Feb. 28 Fort Monroe - Langley gym; March 1 Fort Eustis - Fort Eustis.

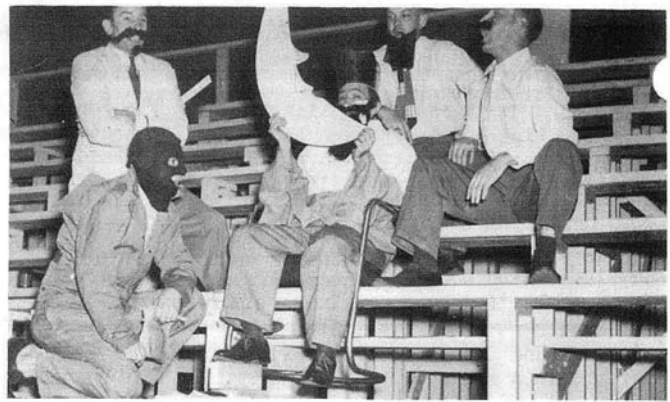
Coming Events

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

- Dec. 3 - Loads Party
- Dec. 4 - Eng. Division Party
- Dec. 6 - Basketball League Volley Ball Art Class
- Dec. 7 - Bridge Club Girls' Basketball
- Dec. 8 - Male Chorus Volley Ball Basketball League
- Dec. 9 - Bingo Party
- Dec. 10 - Supervisor's Club
- Dec. 11 - Compressibility Research Division Party
- Dec. 12 - PRD Party



The above pictures were taken at the Instrument Service get together held recently at the Activities Building. Oyster hounds shown on the left include (from left): John Joyce, Jay Musil, Pat Kyle, Edwin O'Dell, Scott Hall, Luke Jett, Tommy Johnson, and Carl Hiter. In the picture on the right, "King Coke"



Edgett and his quartet entertain the crowd with their rendition of "Harvest Moon". Members of the group are (from left): "Barber" Johnson, "Bags" Flanagan, "King Coke" Edgett, "Curly" Woolson, and "Hawk-Caller" Ingebritsen. At the party Edgett was declared "Grand Exalted Screw Ball of the Section."

TRAVELERS AID OFFERS SERVICES

"We wish to offer to the personnel of NACA the services of our Travelers Aid, with the hope that we may be able to lend a helping hand to them when they are in our community and perhaps not familiar with community resources," it was announced by Mrs. Josephine H. Burns, Executive Secretary of the society.

Mrs. Burns stated that Travelers Aid has a room registry, of approved and inspected sleeping rooms in private homes of the Lower Peninsula and invited NACA personnel who might be seeking such accommodations for themselves or for a friend or relative coming to visit them to make use of the service.

It was also stated by Mrs. Burns that she is now on duty at a Travelers Aid desk in the new Greyhound Terminal recently opened in Newport News.

The Travelers Aid Society is one of the various member organizations on the Peninsula of the Community Chest.

FOR RENT: Double room. Mrs. Carl Rosen, 428 Newport News Ave., Hampton 3-3540.

WANTED: Ride from Phoebus to E.A. on 7:30 shift. Myrtle Adams, 2211.

FOR SALE: New Airway vacuum cleaner. J. C. French, 832 F St., Copeland Park.

FOR SALE: 30-40 Krag deer rifle with Bishop sporter stocks and ammunition. Don Foster, Photo Lab.

WANTED: Ride from 5204 Roanoke Ave. to W.A. on 8 shift. Louise Sauer, 4573.

RETIREMENT

(Continued from page 1)

by one-fourth of 1% per month (3% per year) for each full month he is under 60 at the time of separation.

An employee separated after 5 or more years' civilian service (and not otherwise eligible for retirement) will be entitled to a deferred annuity beginning at age 62.

Under the disability provision of the Act, an employee disabled for the performance of his duties (by reasons other than vicious habits, misconduct, etc.) will be paid immediately his earned annuity; regardless of age, providing he has 5 years creditable service.

An employee reaching age 70, and having at least 15 years' service, will automatically be retired unless his appointment is extended by Executive Order (or by Administrative action).



GIRLS' BASKETBALL

Are you getting the stenographer spread and do those last year's clothes fit just a little bit tight, well the solution to your problem is to join the Girls' Basketball League and get back into shape.

There are still plenty of vacancies on the teams and it's lot's of fun so call Margaret Price, 2236 and tell her you are interested and come on out to practice next week.

The practice schedule is as follows: December 7 - 7:30-8:30 7 X 10 versus Presbyterian; 8:30-9:30 Library & Files versus No Names. December 14 - 7:30-8:30 Library & Files versus 7 X 10; 8:30-9:30 No Names versus Presbyterian.

SILVERSTEIN

(Continued from page 1)

Silverstein, who was transferred from Langley to the Lewis Laboratory in 1945, has the responsibility of directing research in the Altitude Wind Tunnel, Icing Research Tunnel, the Supersonic Wind Tunnels, and in flight. He has been with the NACA since his graduation with a B.S. in mechanical engineering from Rose Polytechnic Institute in Terre Haute, Indiana in 1929. In 1934 he received an M.E. degree from the same school.

During the war Silverstein made valuable contributions through his research efforts conducted in the Altitude Wind Tunnel. He was especially concerned with the study of cooling of reciprocating engines, operational and performance characteristics of newly developed reciprocating engines, propellers under high altitude and high power conditions, operational and performance characteristics of jet-propeller aircraft and turbojet and ram-jet engines.

WANTED: Ride from Ferguson Park to E.A. on 8 shift. J. Thurston Wallace, 2298.

FOR SALE: AKS Collie dogs - male and female - 6 weeks old. Colonna, 3701 Chesapeake Blvd, H-5463.

WANTED: Passengers from Hampton to W.A. on 8 shift. Jim Jenness, 4507 or Hampton 5917.

FOR SALE: Buescher Aristocrat tenor saxophone. Helfer, GRI.

FOR SALE: Large coal circulator heater. Forrest, E. Transportation.

FOR SALE: Tricycle, Tankersley, Tank #1.