

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 10, Vol. 6

Langley Field, Va., March 14, 1947

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## ST. PATRICK'S DANCE TONIGHT

Tonight at 9 p.m. Bob Savage and his orchestra will strike up the band when the NACA Morale Activities Association sponsors another of its semi-formal dances in the Activities Building. Since St. Patrick's Day is on Monday, the Association will celebrate the occasion a little in advance, so in an effort to join in the spirit everybody is urged to wear green ties, green bows, green suits, green shoes, or just any little ole green thing.

Dancing will be 'til 12 midnight and tickets may be purchased for \$1.50, stag or drag, from the District Representatives to the General Assembly of the Morale Activities Association.

## NACA IS HOST TO KIWANIANIS

Several Laboratory engineers gave brief talks and conducted demonstrations at four research buildings Tuesday night as the climax of the visit of approximately 200 Kiwanians of Hampton and Newport News who met in joint dinner session at the Activities Building.

Participating in the talks and demonstrations were M. E. Hathaway and P. M. Edge, Impact Basin; T. Aubrey Harris, F. M. Rogallo, C. J. Donlan, and John Lowry, 7 X 10; T. D. Reisert, Gust Tunnel, and Dr. S. B. Batdorf, B. Budiansky, Joseph Kotanchik, and William Hickman, Structures Research.

The Kiwanians and their guests visited the various facilities in four groups conducted by Dr. H. J. E. Reid, Floyd L. Thompson, George B. Colonna, and John B. Parkinson, vice president of the Hampton Kiwanis, who was in charge of the program arrangements.

Rutherford B. Thompson, president of the Hampton club, presided at the dinner session and introduced Dr. Reid, who welcomed the club members and their guests on behalf of the NACA. Dr. Reid introduced Col. R. W. C. Wimsatt, commanding officer of Langley Field, a guest at the meeting.

## TRYOUTS SUNDAY FOR "JOAN OF LORRAINE"

The Hampton Little Theatre has chosen for its spring production the current Broadway success, "Joan of Lorraine" by Maxwell Anderson. The play, which is in the midst of a successful run on Broadway starring Ingrid Bergman as Joan, has just been released by the producers to amateur groups. The Hampton Little Theatre will be the first amateur group to produce the smash hit. Tryouts will be held Sunday, March 16 at 6:30 p.m. in the Syms-Eaton Community Center.

The forthcoming production will be directed by David Goldenbaum of the Hydrodynamics Division. A veteran with the Hampton Little Theatre, Goldenbaum has directed such successes as "Our Town", "The Man Who Came To Dinner", "Out Of The Frying Pan", "Guest In The House", "Ah, Wilderness", "I Remember Mama" and many others.

Goldenbaum urges all men interested in the production to come down for tryouts as the cast calls for 18 masculine voices. He also asks that all women interested in trying out for Joan come down for the reading. Although it is a difficult role, he pointed out that the person meeting the quali-

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## SEEK HIGH-SPEED TRAINING PLAN

To further America's determination to lead in the air, plans have been launched by the NACA and the Office of Naval Research, to stimulate the college training of students in the field of high-speed flight.

Principal feature of the plan is the design of a low-cost but highly efficient supersonic wind tunnel to serve as guidance to stimulate installation of similar equipment in universities throughout the country. The NACA Compressible-Flow Unit, sponsored by the ONR, is not just a training gadget, but is a full-fledged supersonic research tunnel exceeding in speed many in use today by large research organizations. Designed by the NACA out of years of unique experience in designing and operating the country's aeronautical research installations, equipment of this nature will enable universities to train young people to meet the serious shortage of scientists in the country caused by the war and also to take on sponsored research.

The NACA Compressible-Flow Unit is a small, inexpensive apparatus of great versatility and capable of high speeds. It con-

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Dr. H. J. E. Reid, Engineer-in-Charge, and Col. R. W. C. Wimsatt, Commanding Officer of Langley Field, inspect a missile which was one of several displays viewed by 200 Kiwanians of Hampton and Newport News during their visit to the Laboratory Tuesday night. --Photo by Bill Taub

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## LIVE at the LABORATORY

Well, after last Sunday. . . . .

It seems that the foundation of the "Plantation" has not only been shaken severely but has crumbled. Batterson's wedding day must have been a little more than Hank Fedziuk, Research Records, could stand so he went off the deep end and got himself engaged to Helen Marshall, formerly of Research Records but of Research Personnel as of last week. (Editor's Note or Foot Note: That transfer should have given us a word of warning but little did we dream that Helen and Hank had been sitting at the same desk all these years playing footsies, and on Government time, too.) When approached as to his future plans, Axel Mattson, the only one left of the "so-called confirmed bachelors" stated that he was convalescing from the shock; however, we refuse to make any predictions as to his future status. Since the so-called bachelors club has gone and got all its members unbachelored, we feel that the group next in line according to seniority should hereafter be known as the Official Bachelors Club with the following membership: Jack Paulson, Free Flight Tunnel; Dale Burrows, Low Turbulence; Hewitt Phillips, Flight Research; John Houbolt, Structures; Howard Edwards, Instrument Research; Johnny Knemeyer, Electrical Engineering; Ed Howe, Fiscal Division; and Blake Corson, 16-Foot Tunnel, with Axel Mattson as chief advisor. As the pressure is applied to these members and they gradually start falling by the wayside, their vacancies will be filled by the next most eligible person in line.

Wedding bells will ring. . . . .

on Saturday, April 5 when Doris King, Report Control, takes her final vows with Robert Paul Smith. The wedding will take place at the Trinity Methodist Church in Newport News.

One of the Laboratory's. . . . .

proudest papas is Kurt Strass, 16-Foot Tunnel. He became the father of a 6 pound, 5 ounce daughter, Stephanie, on Tuesday, March 4.

Sporting a new sparkler. . . . .

on the third finger left hand is Rhett Johnson, Photo Stockroom. She is engaged to Stan Pearson of Instrument Service.

Wedding bells rang. . . . .

last Saturday when Fred Smith, Reproduction, and June Pearsons, Hampton, took their final vows. Virginia Watkins, Personnel Records, was maid-of-honor.

Leaving the Laboratory. . . . .

last week and travelling Florida way was Frank Gough, formerly of Instrument Construction. Frank plans to try his luck at a little professional baseball. He will attend a baseball training camp as the property of the Chicago Cubs, after which he hopes to be assigned to one of the minor leagues.

Word has just reached. . . . .

the Laboratory that Sue Waters Sonders, formerly of Low Turbulence, became the mother of a son, Harold Arthur, III, on February 26.

Another proud papa. . . . .

is Frank Wolak, East Engineering. He became the father of a daughter, Janina, on Saturday, March 8. Mama Mildred used to work in Leave Office.

The Aircraft Loads Division. . . . .

had one of their get togethers last Saturday night at the Activities Building. The building was decorated in the form of a gambling casino,



By John Worth

Adding a touch of salt to their activities, last Sunday Brainbusters acquired a 24-foot lifeboat which was donated by George Gentry for the club's collective benefit.

Transportation from Brierfield Manor to the East Hampton Dock was accomplished through the efforts of Charlie Folk, Bob Stewart, Jim and Bruce Alwood, Bill Poythress, Carl Cecil, John Worth, and Gentry, who literally hauled the vessel overland to the water.

Built in 1913, the lifeboat boasts a sturdy all metal hull with a 7-foot beam and is designed to withstand ocean pounding.

## COMING EVENTS

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

March 17 - 8 p.m. - Skychicks

versus Naval Station Waves

March 19 - Supervisor's Club Meeting.

March 20 - PRD Division Party

March 21 - Spin Tunnel Party

March 22 - 16-Foot Party

## MAY RESERVE BUILDING 60 DAYS IN ADVANCE

Due to the fact that so many sections and divisions are making plans for future parties in the Activities Building and are requesting reservations in excess of the 30 day limit, the date for reservations has been extended from the 30 day limit to 60 days. In other words, a section may now reserve the Activities Building 60 days in advance; however, the section reserving the building is requested to contact Chet Weislo, IAL, approximately 30 days before the party and verify the reservation.

FOR SALE: Man's 28-inch bicycle.  
M. J. Siegel, East Engineering.

LOST: Tie clip with initials J.M.M.  
Jules Miller, Research Staff Office.

with prizes going to the two top gamblers. Winning for the men was "Woo Woo" Matheny and Virginia Sheriff, for the girls. Prizes were also awarded to the two with the best costumes. Bill Hogge and Matheny tied for the men as bartender and Texas rancher, respectively; and Helen Cantwell won for the fairer sex with a Gay 90's costume.

# AWT AND IRD WIN CHAMPIONSHIPS

In the basketball finals held last Wednesday night at the Activities Building, AWT came through with a 19-10 win over 7 X 10 to capture the Girls' Basketball Championship for the third consecutive year. AWT also ended up as the number one team in the regular season of play with a clean slate of no losses for the past three years of play. In the final playoffs, 7 X 10 took the lead early in the game and was ahead 8-6 at halftime; however, they were held to only two points during the last half to give AWT a 19-10 win and the 1947 championship title. Becky Boykin was high scorer for the winners with 9 points and Jo Poiharus for the losers with 6.

In the men's finals, IRD came through with a 33-23 win over 16-Foot to win the championship for the second consecutive year. Lead- at halftime 16-8, IRD held onto their leading margin through the game. Several times, 16-Foot climbed within two points of the winners but were never able to pass them. Jim McConnel was high corer for the winners with 15 ,oints and Ted Himka for the losers with a like number.

## ASSOCIATION'S QUARTERLY REPORT

Printed below is the quarterly report showing the profit and loss of the NACA Morale Activities Association during the period of November 1, 1946 to January 31, 1947.

### PROFIT AND LOSS SUMMARY

November 1, 1946 to January 31, 1947

#### INCOME - SALES, ADMISSIONS, FEES, ETC.

##### NET INCOME:

Counter Sales . . . . .	\$1,207.42
Breakage Fee . . . . .	91.30
Admissions and Other Income . . . . .	1,591.83
Juke Box . . . . .	30.75
Dance Rental . . . . .	48.09
<b>TOTAL - SALES, ADMISSIONS, FEES, ETC.</b> . . . . .	<b>\$2,969.39</b>

#### COST OF GOODS SOLD:

Merchandise Inventory - 11-1-46 . . . \$----	
Purchases . . . . .	<u>1,016.61</u>
Cost of Goods For Sale . . . . .	1,016.61
Merchandise Inventory Dispensed Free	
New Year's Party . . . \$87.58	
Merchandise Inventory 1-31-47 <u>184.06</u>	<u>271.64</u>
Cost of Goods Sold . . . . .	<u>744.97</u>
<b>GROSS PROFIT - SALES, ADMISSION, FEES, ETC</b> . . . . .	<b>\$2,224.42</b>

#### OPERATING EXPENSES:

Salaries and Wages . . . . .	\$441.87
Miscellaneous Expenses . . . . .	165.60
Depreciation Reserve . . . . .	176.71
Orchestra Fee . . . . .	175.00
Merchandise Dispensed Free - New Year's Party	<u>87.58</u>
<b>TOTAL OPERATING EXPENSES</b> . . . . .	<b><u>1,046.76</u></b>

NET PROFIT (CAPITAL). . . . . **\$1,177.66**

### *Kiwanians Inspect Laboratory*



# BOWLING NEWS

## WEDNESDAY DUCKPIN LEAGUE

8-Foot High Speed Tunnel is still leading the Wednesday Duckpin League with 38 wins and 16 losses. PRD is holding on to second place with 33 wins and 21 losses. Leading the high averages for the men is Luke Liccini with 108.2. Heading the fairer sex is Marge Zender with 91.8.

### STANDINGS

Team	W	L	Avg.
8-Foot	38	16	.703
PRD	33	21	.611
IRD RC&T	32	22	.593
Deadducks	31	23	.574
LTS	30	24	.555
Inst. App.	30	24	.555
Ragouts	25	29	.463
Deadpins	23	34	.404
Report Typists	20	34	.370
Atomic Bombers	18	33	.353
Rocksteers	17	37	.315

## MONDAY DUCKPIN LEAGUE

Leading the Monday league is Sound Lab with 38 wins and 19 losses. 16-Foot is still trailing in the second spot with 35 wins and 22 losses. Last Monday night high games went to Kurt Strass, 16-Foot, with 126 and Blanche Sponsler, Administration, 116. High sets were rolled by Roy Salmi, 19-Foot, 350, and Ferne Driver, 16-Foot, 295. 19-Foot took both high team game and set with 513 and 1545.

### STANDINGS

Team	W	L	Avg.
Sound Lab	38	19	.667
16-Foot	35	22	.614
Structures #1	34	23	.596
Tank	32	25	.561
Structures #2	31	26	.544
19-Foot	29	28	.509
FST #1	30	30	.500
FST #2	25	32	.439
Electrical	23	34	.403
Administration	22	35	.386
Computers	16	41	.281

## TENPIN LEAGUE

The Sound Lab's Alleycats broke out with 8 big wins in last week's tenpin bowling which put them on top in the second round standings. Pinbusters and Guttersnipes are in a second place tie with a .666 average.

High individual set for the night went to Reynolds, Headpins, with 551. Peg McNulty, Rockets, had high set for the girls with 453. Marty Weiner, Woodpeckers, had high game of 219, and Peg McNulty 175.

### STANDINGS

Team	W	L	Avg.
Alleycats	15	6	.714
Guttersnipes	14	7	.666
Pinbusters	12	6	.666
Fiscal-Wrecks	13	8	.619
Psztch	10	8	.555
Headpins	9	9	.500



"But you said wear any little old thing, just so it's green!"

## DUNCAN NAMED TO COMMITTEE

President Truman has appointed Vice Admiral Donald B. Duncan to the NACA, it was announced this week. Admiral Duncan has assumed new duties as Deputy Chief of Naval Operations for Air following a tour of duty as Chief of Staff to the Commander, Pacific Fleet.

His wartime duties included command of the aircraft carrier U.S.S. Essex, holder of the Presidential Unit Citation for distinguished service in the Pacific. He commanded Carrier Division 4 at the close of the war in the Pacific.

A native of Alpena, Michigan, Admiral Duncan graduated from the U. S. Naval Academy in 1917.

## LITTLE THEATRE

(Continued from page 1)  
fications will be trained for the part.

Melvin Butler of the Personnel Division will produce the play. He has appeared with the Little Theatre as a G-man in "You Can't Take It With You" and Private Earhart in "Kiss And Tell" and is a member of the Board of Directors.

Maplemaulers	9	9	.500
Rockets	10	11	.476
RC & T	9	12	.428
Lets-Strike	7	11	.389
Miscellaneous	7	11	.389
Missilot	6	12	.333
Woodpeckers	5	16	.238

## HIGH SPEED

(Continued from page 1)

sists of two small wind tunnels, one a transonic tunnel 4- by 16-inches at the test section, the other a supersonic tunnel 4 inches square, both powered by a compressed air system comprised of an air reservoir, air compressor, and an air dryer. The two tunnels permit investigation over a speed range from three tenths to four times the speed of sound. The transonic tunnel spans a range from 0.3 to 1.4 times the speed of sound and the supersonic tunnel ranges from 1.4 to 4 times the speed of sound.

\* \* \*

## RED CROSS DRIVE REACHES \$2049.78

A total of \$2049.78 has been collected in the Laboratory's Red Cross drive as of March 11, according to the campaign chairman, Elton W. Miller.

Collections by areas were: Full Scale, headed by Virginia Tucker, \$719.03; Administrative area, headed by Lucy Bainbridge, \$441.13; West Area (North) headed by Vera Huckle, \$419.25; and West Area (South), headed by Janie Burroughs \$470.37.

Sections having 100 percent participation will be listed in next week's "Air Scoop."