

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 33, Vol. 6

Langley Field, Va., August 22, 1947

Page 1

## BINGO PARTY SEPTEMBER 4

The third in a series of Bingo Parties sponsored by the NACA Morale Activities Association will be held on Thursday, September 4 at the Activities Building at 8:30 p.m. Fifteen games will be played in addition to a jack-pot bingo game. All fifteen games may be played for one dollar and cards will be sold at the door.

If no one won the jack-pot game at the party Thursday night, the pot for the next affair will be worth forty dollars and the person bingoeing after seven numbers have been called wins. However, if some one won the pot it will go back to its original

value of twenty dollars and five numbers called.

The prize list for the affair has not been announced as yet but in the event of a tie, winners will cut for high card, and the loser will receive a consolation prize of a box of candy.

The Bingo Parties have been very successful and everyone is urged to reserve September 4 for a lucky evening at the Activities Building.

## PLAN FALL DANCE FOR SEPTEMBER 12

Social Chairman Axel Mattson announced this week that the NACA Morale Activities Association will usher in the fall season with a semi-formal dance on Friday, September 12 at the Activities Building. Dancing will be from 9 'til midnight and music will be furnished by Shelley Harmon and his eleven piece orchestra.

Tickets will be \$1.50 stag or drag and may be purchased at the door.

This is the first dance sponsored by the Activities Association in about three months due to the terrific heat, but now that fall is on the way in, socialites are urged to get back in the whirl of things and mark September 12 on the calendar.

## DR. LEWIS NAMED RESEARCH CONSULTANT; SUCCEEDED BY DRYDEN



Dr. George W. Lewis

## SKYSTREAK SETS NEW SPEED RECORD

A new international air speed record of 640.7 miles an hour averaged over a three-kilometer course was set Wednesday at Muroc, California in the D-558 Douglas Sky-streak, an airplane which was based on the findings of NACA high speed wind tunnel research.

The jet-propelled craft, first of a series to be built for the NACA under Navy contract, is the culmination of many different design configurations studied in the 8-Foot High Speed Tunnel. Scale models of the airplane, its air induction system and dive recovery flaps were investigated extensively in the 8-Foot Tunnel.

The experimental plane, which will be turned over to the NACA for systematic high speed flight research, flew at 653.4 miles an hour on the fastest of its four flashing passes over the desert course at an altitude of 75 feet.

The NACA program of flight research with the D-558 is expected to furnish much needed information on piloted flight near the speed of sound and will supplement the program with the Bell XS-1 developed by the Army Air Forces.

Dr. George W. Lewis, internationally known scientist and Director of Aeronautical Research for the NACA, has been appointed Research Consultant to the NACA. He will be succeeded as Director of Aeronautical Research by Dr. Hugh L. Dryden, now Associate Director of the National Bureau of Standards, on September 1.

During the past 28 years Dr. Lewis has recruited and trained the research staff of the NACA from a handful of workers into the present force of 6000 people. He planned and carried through the unique research facilities at the Langley Laboratory, the Ames Laboratory, and the Flight Propulsion Research Laboratory at Cleveland. He is responsible for the introduction in aeronautical research of variable-density wind tunnels, full-scale wind tunnels, refrigerated wind tunnels, free-flight wind tunnels, and high-speed wind tunnels, some approaching, and some exceeding, the velocity of sound. He has led outstanding technical staffs, from whom have come a succession of advances in aeronautical science resulting in technological improvements in American aircraft of great significance to both civil and military aeronautics.

Dr. Dryden is especially well equipped to assume the important duties of Director of Aeronautical Research. He was born in Pocomoke City, Maryland, in 1898, and was educated at Johns Hopkins University, receiving his A.B. in 1916; M.A. in 1918; and Ph.D. in 1919. His graduate studies were directed by the late Dr. Joseph S. Ames, an eminent physicist, who later became President of Johns Hopkins University, and who served for many years as Chairman of the NACA. Dr. Dryden has been with the National Bureau of Standards since 1918 as Physicist, Chief of the Aerodynamics Section, Chief of the Mechanics and Sound Division, Assistant Director, and Associate Director.

Dr. Dryden is a member of numerous scientific and technical societies.

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

Editor. . . . . Ruth Angel  
 Art Editor. . . . . Frank McVay  
 Staff Photographer. . . . . Bill Taub  
 Reporters . . . . . Langley Employees

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



By John Worth

Developments pertaining to the coming Technical Conference have progressed speedily during the past weeks.

Dr. H. J. E. Reid, Director of the Laboratory, has expressed his approval and assisted considerably in the club's efforts. Mel Gough, Head of Flight Research Division and Senior Advisor to the club, will deliver the principal address during the technical banquet. During the conference, papers will be presented by Johnny Campbell, Free Flight Tunnel, and Hewitt Phillips, Flight Research. Tom Hulcher, PARD, will preside as Chairman.

Publicity directed toward all Ninth Air Force Bases has been initiated in connection with that organization's model promotion policy and recruiting program. Similarly, the local Jaycees have promised Peninsula coverage by newspaper and other news outlets.

Plans for the Annual Meet continue to expand as a result of generous response from all parties concerned.

Definite provisions for the use of Langley Field as the contest site have been made through the cooperative offices of Col. Wimsatt, Base Commander. In addition, barracks and a trailer camp on the field have been made available for those planning to attend. Also, hotel accommodations at the Chamberlain have been arranged.

The Jaycees, in providing for a number of top place awards, have complemented the NACA Supervisor's Club whose contribution has assured an attractive prize list.

A tour of Laboratory facilities has been arranged and is expected to attract national attention and attendance.

Activity this week, resulting in the printing and distribution of the Hydro Booklet and additional bulletins is well underway. A number of bulletins have been sent to the club team at Minneapolis to further promote the program.

Charles Folk, Frank Parmenter, Joe Boyle and two Ricmonds boys are entered as a group representing this area.

WANTED: Alternate driver on 7:30 shift to West Area from Southhampton. Jack Fischel, 7 X 10.

WANTED: Rides for four from Locust Ave. to E. Area on 7:30 shift. Addie Benson, Full Scale.

## LIFE at the LABORATORY

The "Air Scoop" really. . . . .

isn't four months late in reporting this bit of news but the "newly-weds" were just a little slow in getting around to announcing it. At a party last Friday night Myrtle White and Al Braslow, both of Low Turbulence, announced that they were married April 19 in Elizabeth City, N. C.

Tom Hulcher, PARD. . . . .

finally broke down last week and sold his pride and joy - his PT boat- and now he is looking for a substitute on a smaller scale.

Wedding bells will ring. . . . .

tomorrow when Mary Reed, formerly of Files, takes her final vows with Ted Shaffner, of Mexico City. The wedding will take place at the home of the bride's grand parents and Laboratory employees assisting in the affair are Ellen Addison, Files, Kay DeSander, Research Records, and Frances Butler, Files.

Passing out cigars. . . . .

this week was Stan Lipson, Full Scale Tunnel. He became the proud father of a son on Monday, August 18. The proud mother, Odie, used to work in the Full Scale Computing Section.

Still recuperating from. . . . .

the ordeal of becoming a new papa is Jay Bird of Stability Tunnel. He became the father of a son on Monday, August 18.

Skipper Henry A. Pearson. . . . .

did it again when he took his section and their guests to Jamestown aboard the Old Glory II last Saturday for a most successful yachting party. Fishing honors went to Richard V. Rhode for the most fish caught during the day and it was a 34 way tie for the one eating the most. Sympathy was extended to Ted Skopinski whose pants blew overboard and were claimed by Davey Jones before the boat could maneuver into position.

Word has just reached. . . . .

the Laboratory that Glendora Ellison Swartz, formerly of the Stenographic Section, became the proud mother of a seven pound, six ounce son, David, on July 31.

We have been doing. . . . .

a little research work on the birth rate and have finally come to the conclusion that the majority of births taking place during July are daughters and that August is the month for sons. Anyway it looks that way with mostly girls being born last month and sons taking the lead this month, however, John Wright, 8-Foot High Speed Tunnel, will no doubt argue that point as he became the father of a daughter on Monday, August 18.

Another Laboratory twosome. . . . .

Dora Wade, Fiscal Division, and Bill Hagginbotham, Pilotless Aircraft Research, will climax their romance when they take their final vows tomorrow at the bride's home.

Another boy was. . . . .

born to an NACA family this week to move the ratio up to four males for each female born. The proud father this time is Stan Neice of FGDA and the son arrived on Sunday, August 17.

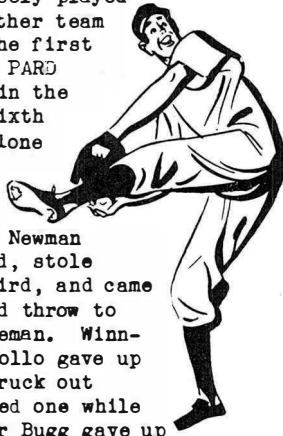
# PARD KNOCKS IRD FOR LOOP

Pilotless Aircraft Research, the number three team in the league standings, moved up to the finals in the softball playoffs by downing Instrument Research in two straight games. Behind the pitching of Sammy Vollo, PARD took a 5-4 win over IRD in the first game and a close 1-0 in the second.

In the first game of the best two out of three series, Vollo pitched a no-hitter until the sixth inning and was touched for only four hits, one walk, and five strike outs throughout the entire game. PARD lead 5-1 until the seventh when IRD rallied to score three runs on three hits only to fall short of tying the game by one run. The winners' runs came when they scored one in the second, one in the third, two in the fourth, and one in the seventh. Losing pitcher Raoul Bugg gave up eight hits, struck out six, and walked none. Coming in for two singles each were Hinners, Clason, and Hagginbotham, all from PARD.

In a closely played game with neither team scoring for the first five innings, PARD came through in the last of the sixth to score the lone but winning run of the day. The run was scored by Newman who was walked, stole second and third, and came home on a wild throw to the third baseman. Winning pitcher Vollo gave up five hits, struck out five and walked one while losing pitcher Bugg gave up only two hits, struck out ten, and walked two.

In the semi-final playoffs between Low Turbulence and 19-Foot Pressure Tunnel, each team has chalked up one win to their credit. As the paper went to press the deciding game was scheduled for Thursday afternoon. In the first playoff game 19-Foot came out on the winning end of a 5-2 score. Winning pitcher Pat Cancro came through with a no-hitter, struck out one, and walked two while losing pitcher Dale Burrows gave up four hits, struck out two and walked five. 19-Foot chalked up two of their runs in the first inning. Low Turbulence came through to tie the score 2-2 in the second but 19-Foot chalked-up another in the fourth and two more in the fifth. Stan Spooner got



Bill Aiken, Aircraft Loads, holds a 4½ foot shark which he caught at Grandview Beach in three feet of water. The weight of the fish was forty pounds.

--Photo by Kurt Strass

FOR SALE: Metal screw cutting lathe and bench. Call Hampton 7635.

FOR SALE: Slightly used Keystone projector, 16 mm. f1.9 with case and film. E. P. Crowder, W. Model Finishing Shop.

FOR SALE: Westinghouse Electric range with four burners including deep well cooker. J. A. Black, PARD.

the only two base hit of the day.

In the second game played Monday, Low Turbulence came through with a 7-6 win to even things up. It was close all the way with pitcher Dale Burrows scoring the winning run in the eleventh inning. 19-Foot scored five runs in the first and one in the fourth but they were held scoreless for the remaining seven innings. Low Turbulence scored two runs in the first and four in the sixth to tie the game up and run into eleven innings. Winning pitcher Burrows gave up nine hits, walked three, and struck out three while losing pitcher Pat Cancro gave an identical performance. Heavy hitters were Luke Liccini with a home run and Burrows with a double and a single.

The winner of the 19-Foot vs. Low Turbulence game on Thursday will meet Pilotless Aircraft sometime next week to decide the championship.

## GIRLS' TENNIS

Only a few girls have expressed an interest in entering the Girls' Tennis Tournament. Those who are interested in entering either the single or double matches are urged to call Becky Boykin, telephone 2255, not later than Tuesday, August 26 so that final arrangements for the matches may be made.

Challenge matches for the tennis ladder will continue until the end of August so those who still want to get in a few games are urged to do so by the end of the month.

In a challenge match played last week Becky Boykin managed to hold her own by defeating Dorothy Comstock, Flight Research, 6-4, 8-10, 6-4. In another match Becky moved from the number three spot to number two by defeating Lucy Taylor 6-3, 4-6, 6-1.

### TENNIS LADDER

No	Player	Phone
1	Alice Aronson	4454
2	Becky Boykin	2255
3	Lucy Taylor	4593
4	Gerry Couch	4527
5	Eleanor Andrews	4403
6	Shirley Huxter	4590
7	Dorothy Comstock	2229
8	Gerry Hilton	2245
9	Frances Butler	2236
10	Mae Meadows	4527
11	Betty Newbold	2236
12	Peggy Winfield	2281
13	Nancy Wall	4590
14	Mary Maline	2255

## CAMERA CLUB TO HOLD CONTEST

At the last meeting of the Hampton Camera Club Sgt. Brooke was elected vice president. Following the election a discussion was conducted on cameras and equipment.

The next meeting will be a photographic contest and will be held on Wednesday, August 27 at 7:30 p.m. at the Syms-Eaton Community Center. The subject of the photographs will be children. The contest is open to both members and non-members and a fee of ten cents will be charged for each photo entered.

FOR SALE: "Machinery's Handbook" - 13th edition. Training Office.

FOR RENT: Two room apartment for light housekeeping. Hampt. 5984.

WANTED: 3 passengers to E. Area on 7:30 shift. Virginia Tucker, 2278.

WANTED: Ride to Chicago weekend of August 25. Charles Downing, Impact Basin.

FOR SALE: 12-foot factory built row boat. M. Buckley, ALCL.



Several of our cohorts from the Washington Office and Cleveland Laboratory visited here this week.

From the Washington Office were: John W. Ebert, Jr., Paul Dembling, Helene M. Gingras, Martha Klein, and Margaret Muller.

Representing the Cleveland Lab were: John C. Evvard, Reece V. Hensley, Harry A. Cook, and William H. Swann.

## URGE WOMEN TO ENTER TOURNEY

Only eight girls have expressed an interest in entering a NACA Women's Golf Tournament. This is not enough to warrant the sponsoring of such an affair, however, persons interested in entering have until Friday, August 29 in which to contact the Air Scoop Office, telephone 2376. If enough are not interested by that time the tournament plans will be dropped.

It is not necessary for contestants to be good golfers as the tournament will be run on a handicap basis. Prizes will be awarded to the low gross and low net winners.

## PLAN MONTHLY TOURNAMENT

At the meeting of the Bridge Club held last Tuesday night, it was decided that the club would sponsor a monthly Master Point Tournament on the first Tuesday night of each month. Full Master Points will be awarded.

Due to the fact that the Activities Building has been reserved for an official function on the first Tuesday in September, the first tournament will be held on Wednesday, September 3 at 7:30 p.m. All Laboratory employees are invited to attend.

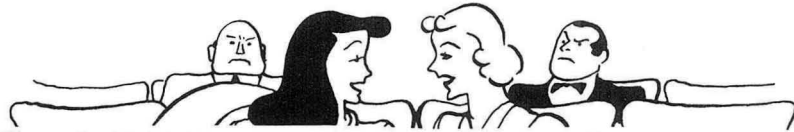
WANTED: 4 passengers to Cleveland Air Races. Tom Brady, FRM&R.

WANTED: Ride to Columbia or Sumpter, S. C. on Aug. 29. Margaret Clelland, FST.

WANTED: Passengers to Cleveland Air Races. Norman Silsby, Flight.

WANTED: Ride to Washington on Aug. 29. Mary J. Plemmons, LTS.

## Woman-Talk



The main topic of conversation these days among the stronger sex as well as the fairer, seems to be what the well-dressed woman will be expected to wear this fall. Just which sex is more upset over the situation is hard to say but chaos is knocking at the fashion designers' doors.

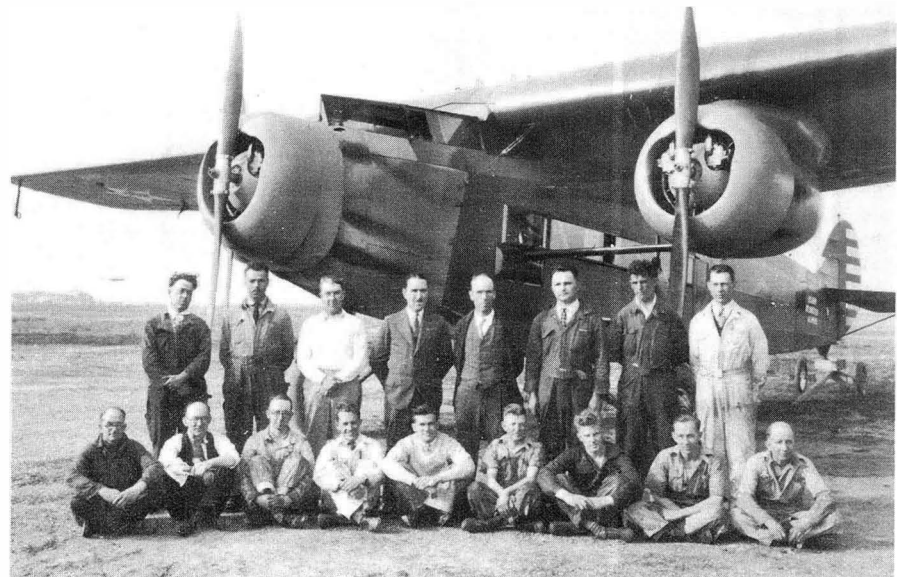
According to some of the country's leading fashion designers the crux of the fall fashion battle lies in hiplines and hemlines. The former bulge, the latter drop. Once again it's going to be fashionable for a lady to have hips as well as a well-defined bust, just so the waistline between these two regions is as small as corseting can make it.

The girls with knobby knees and bow-legs get a break this year, too, because they don't have to show them any more. Skirts are growing longer by the hour, and complaining males are howling louder. The manufacturers and retailers have no real cause for worry however. All they need to do is look back over the styles of the past, to see that women will wear anything as long as it is fashionable. There were the hoop skirts of the '80's, the bustles of the '90's, the hobble skirt of 1912 and the flat-chested, hip-belted sack silhouette of the flapper era.

All these things women bought and wore, despite the enraged howls of their men folk. The howls this year are going to be louder, however, because the new fashions have gone through such a drastic change that pop has gotta take the rubber band off the check book and purchase a complete new wardrobe for the little woman.

Causing the most worry among the men folk are the drooping hemlines. It seems that skirts may be worn as long as you like this fall, and be in style, just so they aren't raised above the mid-calf. Knees must be covered. Street clothes may be merely mid-calf, but dressier garments hover near the ankles. This doesn't just mean dinner dresses, but also the afternoon frocks women wear for bridge parties and the like.

Such is the coming picture for fall and we'll soon be hearing that old familiar wail, "I haven't a thing to wear!"



The above picture is one that dates back to March 25, 1929. Shown on the front from left are: John Spivey, Model Finishing Shop; John Haines, Hangar; Robert E. Hunt, Hangar; Charles Shobe, West Machine; Mel Gough, Chief of Flight Research Division; the late Sam Eakin; Walter Quigley, Ames; Mr. Siegfried and F. R. Hunsecker. Second row (from left) Mac McConnaha Cleveland; George Balifant, Ames; Bill McAvoy, former test pilot now at Ames; Tom Carroll, former chief test pilot; Ernest Johnson, Chief of the Administrative and Technical Service Department; Charlie Wolf, Mechanical Services Office; Raymond Braig, Cleveland; and John Houston, Ames.