

# AIR SCOOP

LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 32, Vol. 5

Langley Field, Va., August 9, 1946

Page 1

## KIWANIS MINSTREL TRYOUTS SLATED

Tryouts for the "Kiwans Minstrels of 1946" will be held on Wednesday, August 14, at the Academy Street USO at 7:30 p.m. The minstrels, which will be produced entirely by local amateur talent, will be presented by the Hampton Kiwanis Club at the Hampton High School auditorium on September 26 and 27 for the benefit of the underprivileged child's work of the club. All interested persons in the community are invited to attend tryouts.

According to Lucille L. Parkinson, director of the production, the show will utilize an all-male cast. Parts to be filled include the ever-present Mr. Interlocutor, endmen, solo and chorus singers, novelty instrumentalists, and dancers. Other specialty numbers or acts may be used if available.

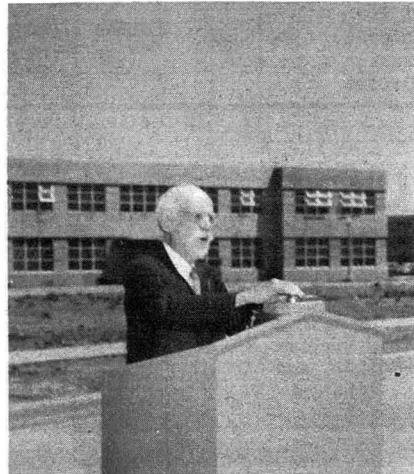
It is hoped that a large number of performers will turn out for tryouts so that the final cast will represent the best material the community affords. Scheduled rehearsals will be held during August and September.

## REPORT STATUS TO AERY'S OFFICE

If any Laboratory workers have qualified recently for general or limited military service, at a preinduction physical examination, but have not reported this fact to William A. Aery, Room 115, Service Building, telephone 2368, they should do so, without delay, in order that their cases may be presented promptly to the Review Committee on the Deferment of Government Employees, Edgar F. Puryear, Chairman.

## LITTLEWOOD, HAZEN HEAD COMMITTEES

William Littlewood, Vice President in charge of Engineering of American Airlines, Inc., was recently appointed by NACA Chairman Dr. J. D. Hunsaker, as Chairman of the NACA Committee on Operating Problems to succeed Honorable William A. M. Burden who asked to be relieved. Littlewood has been replaced by R. M. Hazen, Chief Engineer, Allison Division of the General Motors Corporation, as Chairman of the NACA Committee on Power Plants for Aircraft.



Dr. William Frederick Durand, World War I Chairman of NACA, presses a button which starts motors turning in Ames Laboratory's new 12-Foot high pressure wind tunnel.

## MRS. R. B. PENNY WRITES TO LAB

Mrs. Rufus B. Penny, widow of the late Rufus B. Penny, sent the following note of thanks to the Laboratory employees:

"The kind expressions of friendship both in words, and in a very substantial gift to my husband, Rufus B. Penny, meant more to him than I could ever express to you.

"In leaving Hampton for my home in Petersburg, I am carrying with me a deep appreciation for every gesture of kindness made toward one who suffered much. As he spoke of the organization for which he had worked many years, it was always in glowing terms.

"The spirit of kindness shown makes clear to me the reason for his great loyalty. Thank you each and everyone."

## RHODE RETURNS

Richard V. Rhode, Chief of the Aircraft Loads Division, recently returned from the annual summer meeting of the Institute of Aeronautical Sciences held at UCLA on July 18 and 19. He was a member of a symposium on fatigue and the subject was "An Evaluation of the Importance of the Fatigue Phenomena in Aircraft."

## HOLD FIRST ANNUAL AMES INSPECTION



Smith J. DeFrance, Engineer-in-Charge, Ames Laboratory

The Ames Aeronautical Laboratory at Moffett Field, California, held its First Annual Inspection July 16. Members of the NACA, its subcommittees, representatives of the Army and Navy air organizations, executives and engineering representatives of the aircraft industry, special guests from Congress, and other governmental agencies and educational institutions were invited to attend.

The purposes of the inspection were to afford the Ames Laboratory an opportunity to make a first hand report of its activities to those elements in American aeronautics most concerned with the work of the Laboratory; to give the visiting guests an opportunity to see the outstanding problems in aeronautical science upon which the Laboratory is engaged; to permit the guests to inspect the research facilities; and to meet face to face the men and women who do the actual work upon which the aircraft industry and military services have come to depend.

One of the outstanding features of the inspection was the dedication, by Dr. W. F. Durand, World War I Chairman of the NACA, of the new 12-Foot Low Turbulence Pressure Wind Tunnel. Dr Durand pressed the button which caused the air flow to begin and thus placed the tunnel officially in operation for the first time. He stated that aeronautics is on "the threshold of a new era" due to new

(Continued on page 3)

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. Matter appearing herein may be reprinted only with advance written permission. Address contributions to the Editor, Service Building, phone 2376.

Editor . . . . . Tiny Hutton  
 Associate Editor . . . . . Ruth Angel  
 Art Editor . . . . . Harry DeVoto  
 Staff Photographer . . . . . Bill Taub  
 Reporters . . . . . Langley Employees

The Air Scoop is printed by the Mechanical Reproduction Staff and distributed by the Office Services Division Staff.

## LIFE of the LABORATORY

Another long-lived. . . . .

Laboratory romance has finally reached the engagement stage. Odie Beckham, Full Scale Tunnel, is sporting a diamond from Stan Lipson, also of Full Scale.

Andy Hacskeylo, Tank. . . . .

and Ernestine, formerly of 16-Foot Tunnel, recently became the proud parents of a son.

Another proud papa. . . . .

is Granville Derby of 8-Foot High Speed Tunnel. He became the father of a son on Friday, August 2.

Leslie S. Powell. . . . .

Flight Operations, was passing out cigars in a big way last Monday. He became the proud papa of a seven pound, twelve ounce daughter Linda Kay, on Saturday, August 3.

One of the Scoop's travelling correspondents. . . . .

brings word that there's no beef like Canadian beef. Second hand reports say that Cleveland Manager (NACA not Indian) Ray Sharp was at Toronto's Royal Yacht Club, mousing a tender steak with such enjoyment that he broke his lower plate. That ain't China, son.



## VACANCIES OPEN HERE AT LAB

J. Norwood Evans, Employment Office, announced this week that quite a few vacancies are still open here at the Laboratory. Heretofore, Laboratory employees have been of great assistance in helping to fill vacancies. Anyone knowing of qualified persons interested in working here are asked to refer them to the Employment Office, Service Building, or to call 2272 and give the name, address, and type of work for which the person is qualified. The following positions are open: clerk-stenographers; electrical, mechanical, and aeronautical engineering positions in all grades; physicists, computers, library assistants, draftsmen, and technicians in electronics and radio.



Thousands of the Peninsula's curious and air-minded inhabitants braved rain and disappointment last Thursday to attend the air show at Langley Field in celebration of Air Force Day. In the upper left appears the only one of the eight P-30's which reached the field. The others "overshot" Langley and wound up in North Carolina. One of the biggest thrills furnished the crowd was the firing of the rockets from the P-47 pictured in the upper center. Two of the

14" Tiny Tim's and several of the smaller six-inch projectiles flashed off to a series of explosions at a target in Back River. Also a favorite with the crowd was the helicopter, upper left, with NACA's Jack Reeder at the controls. Lower left, part of the parade of Langley's GI's. Lower center, three A-26's make a run with one dead engine. Lower right, the flight of P-51's which was on hand to do mock air battle with the Shooting Stars.

---Photos by Leroy Spearman

## MIRROR MODEL FAIR SET FOR SEPT. 29

The "New York Mirror" is sponsoring a Mirror Model Flying Fair to be held Sunday September 29, at the air field of Grumman Aircraft Engineering Corporation Bethpage, Long Island, N. Y. In case of rain the contest will be held on October 6. AMA rules will apply throughout except in certain cases. First prize for high point winner will be an Ercoupe airplane, two place, all-metal, 75 h.p. motor, and other prizes valued at about \$10,000 will be awarded. A prize will be presented to each contestant.

An AMA Gas Model License, which is good for entry in any AMA-sponsored meet throughout the year, is required. A license may be obtained from the Academy of Model Aeronautics, 1025 Connecticut Avenue, Washington, D. C. or at the meet for one dollar. There is no entry fee for the meet; participation in any event is absolutely free.

Models may be entered in the following classes: Free Flight - classes A, B, and C; U-control speed-classes A, B, and C; U-control stunt; all classes combined; U-control scale models-stunt - all classes combined; radio control-performance; and jet-propelled-performance.

In the free flight classes engine run must not exceed 20 seconds. Flight will be timed as long as the plane is visible to the timer standing on the ground within 200 feet of launching area. All models must be hand launched.

In U-control classes planes will be flown from a 6-foot inner circle with a central post. Flier's wrist must be kept in contact with the post for duration of official timing period. Obvious whipping will be a cause for disqualification.

Planes must actually take off within 3 minutes from the time the ring or free-flight launching area is available to the contestant. Failure to start in 3 minutes will cause the flier to be charged with a delayed flight and he must return to the end of the waiting line.

Entries must be mailed to Contest Director, Mirror Model Flying Fair, New York Mirror, 235 East 45th Street, New York 17, N. Y. in time to be received not later than 9 a.m.,

\*\*\*

NOTICE: The following material has disappeared from the library: "Applications of Interferometry" by Williams, and "Philosophical Magazine and Journal of Science" issues January, 1945 and May 1945. If found please return to Library.

FOR SALE: One Ohlsson 19. Dolph Henry, Jr., Mechanical Reproduction, or call Hampton - 4852.

## TENNIS NEWS

Saturday the NACA Tennis Team will meet the Portsmouth Gridiron Club on the Langley Field courts at 2:30 p.m. and on August 18 they will journey to Norfolk to try their luck with the Northside Tennis Club.

In a match played last week John Kelly managed to hold on to his fifth place position by a 7-5, 6-0, win over Bill Martz and Bill Sperry defeated Henry Weber, 6-3, 6-3.

The current standing of the ladder is as follows:

No.	Player	Section	Phone
1	Erwin	FGDA	2248
2	Campbell	FFT	2282
3	Jordan	E. Eng.	2251
4	Kelly	PRD	4587
5	Rogin	Loads	4439
6	Haynes	PARD	4537
7	Martz	PARD	4537
8	Dunlap	ICL	2216
9	Shanks	FFT	2235
10	Sperry	Const. Eng.	2336
11	Greenberg	8'HST	2292
12	Weber	W. Eng.	4452
13	Griffith	Const. Eng.	2336
14	Hagginbotham	PARD	4537
15	Morgan	E. Eng.	2251
16	Phillips	FRD	2264
17	Frost	DTOS	2246
18	Ferguson	Class.	2381
19	Rubinow	PRD	4587

## INSPECTION

(Continued from page 1)

methods of high speed propulsion.

Smith J. DeFrance, Engineer-in-Charge at the Ames Laboratory, was in general charge of the program and J. F. Victory, Executive Secretary, NACA, opened the program with a short address.

The outstanding message to come from the NACA to the industry during the inspection was that as new means of propulsion place aeronautical science on the threshold of flight at supersonic speeds, a whole new realm of fundamental research opens up which will require the most thoughtful and effective use of the existing research facilities and the planning and construction of additional facilities in order to assure America's present leadership in aeronautical development.

FOR SALE: Large heavy steel tool box 13'X13'X29', \$8.50. Bill Hart, Flight Research.

FOR SALE: Stork iron baby crib with mattress. In excellent condition. Call Hampton- 3702.

WANTED: Ride for two on 8:15 shift from 33rd Street and West Avenue to East Area. Anne Robinson, Leave Office, telephone 2387.

WANTED: Two or three passengers to New York City. Leaving Tuesday, August 27. M. J. Biennan, telephone 2274.

## AWT SHUTS OUT LEAGUE LEADERS

AWT turned out to be the team of the week during the past seven days' softball endeavor, winning two of the four games played in a week shortened by rain and air force day. The climax of the week was AWT's 10-0 shutout of the league leading 8-Foot High Speeders.

Tommy Andrews handled the mound chores for the winners scattering six hits so that the losers got no more than one in any inning. AWT romped on Luke Liocini for 13 hits, two doubles going to Ray Comenzo. Felix Beiduk got two of the 8-Foot hits.

Dynamic Tunnels went under the AWT hammer, 5-4. Comenzo again topped the winning batsmen with a home run and a single in three trips. Jake Klinar homered for the losers. Andrews limited the Dynamics to three hits while his mates got eight off Red Neihouse.

The Dynamic Tunnels came back on Tuesday with a 13-hit assault against Artie Assadourian and PRT, winning handily, 10-4. Klinar again hit for the circuit, this time with two on. Bernie Maggin also homered with one man aboard. Chuck Bennett got three singles in five tries.

In the only other game of the week Low Turbulence nosed out 16-Foot 8-7.

Dale Burrows got in trouble early in the game as 16-Foot took two walks, a wild pitch, passed ball, three errors, and six hits in the first inning and made them good for six runs. However, the Turbs came back with four runs in the second, three in the third, and one in the fourth while 16-Foot added another in the sixth. Kurt Strass was the losing pitcher. Burrows and Buck Barber got two hits each for the winners and Strass got a like number for 16-Foot.

### THIS WEEK'S SCORES

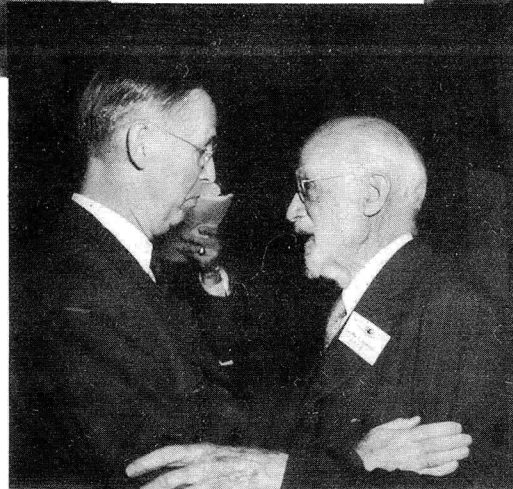
AWT 10 - 8-Foot High Speed Tunnel 0  
 AWT 5 - Dynamic Tunnels 4  
 Dynamic Tunnels 10 - PRT 4  
 Low Turbulence 8 - 16-Foot 7

### SOFTBALL STANDINGS

Team	W	L	G. B.
8-Foot	10	2	----
Full Scale	9	2	1/2
PAR	9	3	1
19'PT	9	3	1
AWT	8	3	1 1/2
Low Turb	9	4	1 1/2
Structares	8	4	2
16-Foot	5	4	3 1/2
Dynamic Tunnels	4	7	5 1/2
Loads	3	8	6 1/2
Y X 10	2	10	8
West Shops	1	5	8
PRT	1	10	8 1/2
IRD	1	10	8 1/2

FOR SALE: Revere 8 mm. turret camera. New. \$97.50. Stanley Clason, IRD.

# FIRST ANNUAL AMES INSPECTION



The NACA's Ames Aeronautical Lab was mecca for the aviation industry's nobility on July 16 as they trekked thousands of miles to behold the wonders that had been wrought at the California research center. Top row, left, NACA notables E. R. Sharp and Russ Robinson seem to be getting a big kick out of things in general.....upper right, two of the prominent beards in attendance, Prof. F. W. Pawlowski of Douglas, left, and Eastman N. Jacobs, right, with F. J. Schmitt of the Navy office of patents and inventions.....

second row, left, NACA member Adm. L. E. Richardson and Jimmy Doolittle.....center, John F. Victory greets NACA's chairman during World War I, Dr. William F. Durand..... right, Victory and NACA member R. M. Hazen.....bottom row, left, Adm. R. S. Edwards, Western Sea Frontier, and Brayton Wilbur, president San Francisco Chamber of Commerce.... center, Doolittle and CAA's George W. Haldeman.....right, Harry Woodhead of Consolidated and NACA member Gen. E. M. Powers.

--Official NACA-Ames Photos