

# CAA AERO CENTER



## BEACON

*"Imparting knowledge is only lighting other men's candle at our lamp--  
without depriving ourselves of any flame" - Jane Porter*

November 21, 1951

OKLAHOMA CITY, OKLAHOMA

Vol. II, No. XII

### ADDITIONAL EQUIPMENT ARRIVES FOR TRAINING IN FACILITIES ILS /VOR SCHOOL

Facilities Branch is receiving the equipment from a decommissioned VAR at Joaquin, Texas, to be used for an additional VOR training setup when modification equipment is received. It is planned to move present Glide Path equipment to another building and prepare for the installation at a later date of additional glide path and localizer equipments for more training facilities. With this additional equipment it will be possible for all students to have more time for experiments and investigations on the ILS and VOR facilities.

Administrative Training will again be given during the week of December 3 through 7 when ILS/VOR Classes 33 through 36 will be in attendance for resident training. The program for the week of special training was not available at press time.

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### WILLIAM H. HILL ARRIVES NOV. 19 TO ASSUME FEDERAL AIRWAYS DIVISION POST

William H. Hill arrived on Monday, November 19, from Washington, D. C., to assume his position as Chief, Federal Airways Standardization Division of the Aeronautical Center. Mr. Hill was Chief of Planning and Evaluation in Honolulu during the past two years and prior to this was Deputy Regional Administrator for Federal Airways. He has been in the CAA the past twenty years, having spent the last ten years in our Honolulu office.

As Deputy Regional Administrator for Federal Airways, he was primarily concerned with planning, development and operation of airway aids and facilities in the Pacific Islands and the Philippines.

Mr. Hill entered the service with the Bureau of Lighthouses as a Jr. Radio Operator in 1931, and has spent the past 18 years in the Federal Airways Service in Communications Operations and Electronics.

Prior to Federal service Mr. Hill received training in Communications and Radio in the Navy where

(Continued on Page 9) **FEDERAL AIRWAYS CHIEF**



## GUEST EDITORIAL

By Leonard W. Jurden, 5th Regional Administrator

It is a pleasure to comply with 'Beacon' Editor Schmitt's request that I submit comments to be included in the editorial pages of your publication. It has been with much interest that I have reviewed regularly your monthly edition of the 'Beacon' since its inception.

I have some rather strong views with respect to keeping personnel informed to the fullest extent possible, and, as I see it, newsletters and similar publications fill a 'must' in this respect.

Informed personnel are in a much better position to do an effective job on a broader basis than an uninformed personnel. Instructions are issued regularly to all of our personnel to assure effective operation of our facilities and in carrying out our technical responsibilities under the Civil Aeronautics Act. Too often, however, industry and government alike overlook the human element of our relationships and do not provide employees with essential information and facts highly desirable in doing their best work. Through the medium of publications, such as the 'Beacon' and the 'Fifth Region Newsletter,' we are able to provide informally the kind of information that in many cases would not otherwise be available to employees. These publications provide information on current aviation developments, trends in aviation progress and changes in our organization, installation and elimination of facilities (including commissioning and de-commissioning dates), and many other worthwhile news items.

For successful operations, policies, plans, and procedures must be fully clarified to avoid confusion or vagueness throughout the organization, from both the technical and management viewpoints. Coordination and control at all levels on a continuing basis is essential to good management and operation. Any publication issued by a Region or the Aeronautical Center serves to clarify Washington and field instructions, thereby making it possible for all employees to have a better understanding, which leads to better service to the aviation public.

I am impressed with the progress CAA has made during the past few years in all areas of its operation. It seems to me that there is greater recognition and appreciation of the need for better management practices and

greater technical progress, all of which lead to better service to those we serve. This progress is not only recognized within our own organization, but I have heard many fine commendations by people in high places in other government agencies and the aviation industry. Don't get the impression that I feel that we should rest on our laurels, but rather that we should feel proud of being associated with an agency with progressive leadership and real appreciation for the part every employee plays in the success attained. All of us can feel that we are an integral part of this progress which should give us added incentive to move forward effectively and to greater heights.

It seems to me that we in CAA have a finer unity of purpose than any other organization that I know of. We seem to be cognizant of the needs of one another, from both personal and organizational standpoints. Our Administrator, both present and during the past few years, has placed much emphasis on 'One CAA and not four or five.' I am glad to be a part of an organization that has made the rapid progress CAA has made during its 25-year life and look forward to the future optimistically.

I congratulate the Aeronautical Center for the fine publication it is issuing and the personnel who make it possible. I further appreciate the opportunity of contributing this small message to the readers of the 'Beacon.'

/s/ Leonard W. Jurden  
5th Regional Administrator

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## GUEST EDITORIAL

By L. C. Elliott, 4th Regional Administrator

Pardon my delay in replying to the Editor's letter. I am sure you realize we get snowed under, but I want to say a few words, expressing my views of the importance of the Aeronautical Center.

We all know aviation is a fast moving industry and the CAA, as a leader in aviation, should certainly stay abreast, if not ahead, of the new developments and modern techniques in aviation. It is also true that some of our electronic aids to air navigation are decidedly different from anything used in industry, with the result we cannot hope to recruit fully experienced people to step into our increased demands for this type of maintenance and operation.

To the fine staff and personnel at the Aeronautical Center their daily grind of training may seem monotonous, but we in the Regions who are dependent on the Center for its specialized training, realize perhaps more than those at the Center the important job being performed.

One point which I constantly emphasize is the need for team work throughout the CAA. I feel all Regions should view the Aeronautical Center as an asset to their Region, because it is through the Center's efforts that the Regions are able to do better jobs. We are all prone to view our own immediate problems, but we should never overlook the fine work being accomplished at the Center and should constantly give our full support and cooperation to its various activities which, basically benefit the Regions.

My congratulations to your able Director, Fred Lanter, and to all personnel at the Center for a job well done.

/s/ L. C. Elliott  
4th Regional Administrator

## THE GENIUS

His thoughts were slow--his words  
Were few and never formed to glisten,  
But he was a joy to all his friends;  
You should have heard him listen

## BEHIND THE NEWS THIS ISSUE

We wish to thank Leonard Jurden and L. C. Elliott, Regional Administrators of the 5th and 4th Regions respectively, for their comments in the guest editorials of this issue. We do feel strongly that the CAA progresses most rapidly when everyone knows what others on the 'team' are doing.

More and more of late the Aeronautical Center, in its objectives toward training and standardization, has come under the close scrutiny of representatives of foreign countries. It is gratifying to hear their comments on our activities, our methods, and the initiative and enthusiasm they note among our personnel. One cannot help but feel the great responsibility that rests upon all of us in the CAA in cooperating with friend and neighbor. We should at all times look our best.

The Editor at last took a stroll through the laboratories, operating and a-building, at Air Traffic Control in Building No. 25. It is hard to imagine how any training set-up could be made more complete, efficient, or elaborate. The instructors at ATC in the training of Air Force personnel are certainly to be commended on their efforts. In this issue the BEACON introduces these instructors in picture and story. Starting next issue we hope to show the results of their ideas and handiwork.

## THINKING

If you think you are beaten, you are;  
If you think you dare not, you don't;  
If you'd like to win, but you think you can't  
It's almost a cinch, you won't.

If you think you'll lose, you're lost,  
For out of the world we find  
Success begins with a fellow's will--  
It's all in the state of mind.

If you think you are outclassed, you are;  
You've got to think high to rise,  
You've got to be sure of yourself, before  
You can ever win a prize.

Life's battles don't always go  
To the stronger or faster man,  
But sooner or later, the man who wins  
Is the man who thinks he can.

(Continental Profitaker)



## DISTRICT OFFICE DESIGNEES' MEETING UTILIZES CENTER FACILITIES

Approximately 125 Examiners, Designated Aircraft Maintenance Inspectors, Flight Instructors and Mechanics assembled here at the invitation of the Oklahoma City and Tulsa Aviation Safety District Offices on October 26, 1951. This was one of a group of such meetings sponsored by Aviation Safety District Offices to better acquaint operators and designees with new procedures and developments in general aviation.

The meeting was held in the northwest assembly room of the Aircraft Branch from 6:00 to 10:00PM under the able direction of Fay D. Linehan, Supervising Agent of the Oklahoma City District Office. Personnel of the Aircraft Branch, Policies and Procedures Branch and the Safety Operations Branch all cooperated with the District Office personnel in making this a very successful meeting. The effect of Density Altitude on aircraft performance was discussed by Charles R. Coachman, Chief, Policies and Procedures Branch. R. C. Royal, Maintenance Agent in the Oklahoma City District Office discussed general maintenance problems. The characteristics of vibration periods between the various engine and propeller combinations were demonstrated and explained by J. H. Smith of the Aircraft Branch. A. C. Reed, Airman Agent of the Oklahoma City District Office, discussed new techniques for executing stalls and stall recoveries as well as other flight test maneuvers. The methods to be used in conducting the new student pilot and private pilot written examinations were explained by Hugh Raulerson, Airman Agent of the Oklahoma City District Office. A motion picture concerning recently developed very high frequency navigation aids was shown to the group.

Those visitors who were able to arrive early were taken on a tour of the Aeronautical Center. Warren W. Smith, Chief, Aviation Safety Standardization Division welcomed them to the Center. He also explained the purpose and functions of the Center. They then visited some of the departments along the flight line. At the Celestial Navigation Trainer, the method of operation used for training of flight navigators was shown by Mr. C. R. Coachman. D. Gordon Post of the Simulated Flight Training Section demonstrated and explained the various new devices which he and his crew have developed for instrument training. Among these were the automatic Link and Slope Line High Intensity Approach Lighting Simulator.

According to the comments heard after the meeting, a get-together like this should be planned more often.

## RADAR INSTRUCTORS MOVING TRAILER RADAR INTO LABORATORY BUILDINGS

Richard Erwood and the instructors of the Facilities ASR/PAR school are utilizing time between classes to move the components of one of the MPN-1 radar equipments from its location in a trailer into the north end of Building 499. Standard racks have been installed for mounting units and the antenna will be installed on the roof. It is expected that the installation will be in operating condition in time for the next radar class which convenes early in December.

In its new location the equipment will be more readily accessible for experiments and adjustment procedures.

The DME school expects to receive a Model DTB Transponder in the first part of December. This is the latest CAA DME equipment of the type to be used in most of the DME installations throughout the country.

## NEW AACS FLIGHT INSPECTOR CLASS

Air Force Class 52-B conducted at the Flight Inspection Branch, ended November 2, with a total of eight students receiving certificates. AF Class 52-C commenced November 13 and will continue until December 21, with six students enrolled.

## MR. ALORDA LEAVES

Mr. Juan Alorda, of Mexico, who has been a student in the Facilities Branch for the past three months, and formerly in training in the Aircraft Branch, departed for his home on November 17. He expressed deep appreciation for his training here at the Aeronautical Center and said that he could not think of any way to express his thanks for all we had done for him during his stay. He promised to write to us after his return to his own country.

## AIRCRAFT BRANCH PLAYS HOST TO MANY VISITORS IN NOVEMBER

Major Raymond C. Brymer and party spent Tuesday, November 13, inspecting the Center. The Major is Training Officer at Randolph Field, San Antonio. The purpose of their visit was to familiarize themselves with the Center's methods of training flight crew personnel, since they are responsible for this function at Randolph Field. Sgt. Perry F. Shope also spent several days at the Center observing operation of the Flight Engineer Certification class.





#### NAVY OFFICERS VISIT CENTER TO DISCUSS OMNIRANGE FLIGHT PROCEDURES

On October 17 Cmdr. Deitchman and Lt. Bloom, Standardization Division, All Weather Flight, U. S. Naval Air Station, Corpus Christi, Texas, visited the Aeronautical Center to discuss omnirange flight procedures through arrangements with L. E. Shedenhelm of the Technical Assistance Division.

In the photograph above left to right: Lt. Cmdr. Vincent, Lt. W. R. Bloom, USN, W. D. Jones, Chief, Safety Operations Branch, and Gordon Post, Chief, Simulated Flight Training Section, seated at Automatic Omnirange Simulator.

A recent letter from Cmdr. Deitchman expressed appreciation for the courtesy and information extended by all, and requested arrangements for Capt. W. H. Weston, Commanding Officer of the Corpus Christi Air Station and several department heads to visit the Center in the near future.

#### AERO CENTER TECHNICIANS COMPLETE CONSTRUCTION OF ICAO COMMUNICATIONS UNIT

Aero Center personnel from the Airways Operations Branch and Flight Inspection Branch have been working for several weeks in cooperation with F. A. Green, Personnel Licensing Bureau, International Civil Aviation Organization, Montreal, Canada, in designing and constructing an ATC and Communication Training unit. After completion and evaluation, it is planned to ship this equipment to Indonesia, for the purpose of training Indonesian personnel in ATC procedures as outlined by ICAO.

Design and structure of the unit is such that it may be easily disassembled for transporting and occupy a minimum of space, weight being as light as possible in the event of air shipment. The operational requirements of the unit resulted in an electronic design of optimum performance without demanding technical knowledge on the part of the operator. Standard parts were used throughout



#### BIGGERS LOADED (WITH WIRE) AS NEW SPERRY AUTOPILOT IS DEMONSTRATED

As indicated in the photograph above, Biggers is pleased with his load. Shown left to right are Stewart Clippenger, Sperry Engineer, Hope Biggers, Acting Chief, Aircraft Branch ('loaded'), Warren W. Smith, Chief, Aviation Safety Standardization Division, S. C. Atkins, Asst. South District Manager, Sperry Corporation, and J. P. Retelle, Sperry School Superintendent, Great Neck, N. Y.

It is reported that Biggers put 'the Bite' on Mr. Clippenger for the latest model Sperry autopilot, complete with approach coupler, so many times that it was with great satisfaction that Mr. Clippenger literally hung the heaviest component and cable around Biggers' neck, presented him with an instruction book, and demanded that it be set up for operation immediately--if not sooner. Evidently 'Buck' Atkins, holding the control, believes Biggers can be controlled with the autopilot levers, not realizing that that would be a tremendous job. All kidding aside, Mr. Biggers' group had the unit working in a few hours and everyone agrees that it will be of considerable benefit in demonstrating to classes how modern autopilots function. The cooperation of the Sperry Company in furnishing the autopilot on an indefinite loan basis is appreciated by all concerned!

the design in order that they could be readily obtained in any part of the world to which the unit may be shipped. No wood is used because of high humidity and deterioration prevalent in tropical climates.

C.W. Roberts, Training Officer, Donald Wilke, ATC Communications, Maurice Young, ATC Communications Great Britain and Frank Loekle, Procurements Requirements Branch, Washington, visited the Center Nov. 16 to evaluate this equipment. Additional units will be fabricated for shipments designated by ICAO, should evaluation of the equipment prove satisfactory.



### FORMER CENTER INSTRUCTOR SPEAKS AT RADIO ENGINEER CONFERENCE

C. S. Bartholomew, former instructor at Facilities Branch and chief, ILS/VOR section, was speaker at one of the sessions of the Technical Conference held last Saturday and Sunday by the Institute of Radio Engineers in Kansas City.

The subject of Mr. Bartholomew's talk was 'Monitoring of Instrument Landing Systems'. He is now in the Establishment Engineering Branch, Washington, D. C.

### AIRCRAFT BRANCH PLAYS HOST TO VISITORS

Lloyd L. Stahl, in charge of Flight Engineer Certification at Washington, D. C., is at the Aircraft Branch to assist in the execution of the current Flight Engineer Certification course.

Messrs. Stewart Clippanger, Engineer, Great Neck, N. Y.; S. C. Atkins, Asst. So. District Manager, New Orleans, La.; and J. P. Rettle, School Superintendent, Great Neck, N. Y., representing the Sperry Gyroscope Co., presented the Aircraft Branch with a complete mockup of the Sperry A-12 autopilot, and demonstrated and explained its use for one full day to Center personnel. The demonstration was highly informative and was greatly appreciated by all of the Aeronautical Center who attended it.

E. E. Wolfe of Barber Colman Co., Rockford, Ill., paid a visit to the Aircraft Branch on Nov 7. We were very pleased to have Mr. Wolfe visit us as Barber Colman has been extremely cooperative in regard to equipment they manufacture which is used on current production aircraft. The units of particular interest were the air conditioning control equipment which they manufacture that is used on the Martin 202, Martin 404, etc. They also brought enough of their products to enable the Aircraft Branch to manufacture a highly informative mockup of this equipment.

E. F. Gressing, Service Manager, Vapor Blast Manufacturing Co., Milwaukee, Wisconsin, paid a visit to the Aircraft Branch to demonstrate new methods and techniques that have been developed by the company for use with their vapor honing machine at the Aircraft Branch. This machine is used to clean and polish aircraft components, and has been loaned on an indefinite basis to the Aircraft Branch the the Vapor Blast Company.

### NEW VOR COURSE MATERIAL IS READY FOR DISTRIBUTION AT FACILITIES

A third revision of the VOR course material will soon be ready for distribution. The preparation of this material has been under the general direction of C. W. Mueller, Chief of the Radio Aids Section. The various chapters have been written by the following instructors in the Facilities Branch: C. Wallach (now in private industry), F. G. Smith, Jr., Carl Drumeller, R. L. Hoffer, J. P. Lindsey, G. S. Wight, and C. W. Mueller. In addition, the preparation of plates and drawings have been done by J. C. Straiton and Miss Juanita Prentice of the Directed Study section. Besides Facilities Branch personnel other Aeronautical Center employees have assisted with the material by giving advice and reviewing material. J. C. Shimp and Bruce McKay, of Flight Inspection, and L. E. Shedenhelm, of the Technical Assistance Division, were all very helpful in this respect. The VOR material has required considerable time to prepare and every effort was made to include latest information. A few minor modifications were made even while the material was being prepared; however, it is believed that the new material is as complete as any of its kind to be found at this time.

### PMD WELCOMES MANY VISITORS

Visitors at PMD during the first two weeks of November were:

- S. E. Luecker, Electronic Engineer, Washington, D. C.
- J. R. Gessley, Deputy Chief, Accounting Division, Washington, D. C.
- C. W. Hall, Government Accountant, Office of the Secretary of Commerce, Washington, D. C.
- C. E. Fincher, Jr., Systems Accountant, General Accounting Office, Washington, D. C.
- George S. McKean, Plant & Structures Division, Honolulu, Hawaii
- Joe S. Turner, Electronics Division, Honolulu, Hawaii.
- H. E. Applegate, Facilities Division, Fort Worth, Texas
- F. T. Denniston, Construction Engineer, Fort Worth, Texas

### ATC WELCOMES NEW MEMBER INTO FAMILY

Perry S. Bolyard of near San Francisco, Calif., has joined the Air Traffic Control Section as a new instructor. We hope you'll enjoy your association with the CAA, Perry.





#### STANDARDIZATION SCHEDULES DELIVERY OF ALASKAN AND HAWAIIAN PLANES

The delivery of Douglas N-19, pictured above, to Anchorage, Alaska, by Airways Flight Inspector Jim Hurst, marks number ten of standardized Douglasses completed in the standardization project, and first of the two Dougs scheduled for Region 8.

N-19 is easily identified by the bright orange fuselage, so colored for easy location in case of forced landing in the snow covered areas in Alaska. The flooring was installed of material used particularly for cargo operation, and the side walls up to the windows are of Conolite composition, a material valuable because of its special resistance to abrasion or damage. This Conolite is used by many of the major airlines for cargo bin lining and similar usages. N-19 is also equipped with fittings for litter seats, desirable in the performance of rescue work. A Collins VHF 37-R communications antenna has been installed, primarily because it will not ice as readily as the vertical antenna used on previous Douglasses.

Also scheduled for Region 8 is Beechcraft N-90 which will be ready for delivery next week. The principle deviation from standardization in the interior of the plane is the construction of a litter, or bed, to be used for transporting emergency hospital cases. Jim Pfeffer, Airways Flight Inspector from Anchorage, is here awaiting completion of the plane.

Beechcraft N-68 is in the process of being standardized for Honolulu. Mr. Bostwick, radio operator from Honolulu, arrived on November 13 to become familiar with this plane before it is delivered.

Facilities Flight Inspector Frank Olsen arrived at the Center on October 26 with Beech N-45 and returned with standardized Beech N-66.

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#### TRANSFERS BETWEEN BRANCHES

Marion O. Abshire - From Safety Operations to Office of Chief, Aviation Safety Standardization Division.

Allene D. Davis - From Technical Assistance to Facilities Branch.

Bertha M. Lackmann - From Contracts to Technical Assistance Division.

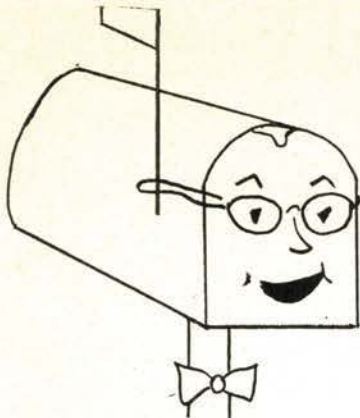
Muriel A. Moss - From Aircraft Branch to Safety Operations Branch.

Asia M. Krause - From General Services to Office of Chief, Federal Airways Standardization Division.

Richard C. Holman - From Aircraft Standardization to Aircraft Services.

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### **DIRECTED STUDY COURSE I WILL SOON BE COMPLETE WITH FINAL TWO CHAPTERS**

The Directed Study Course I for home study of maintenance technicians will soon be complete with final two chapters in the process of preparation by A. B. Ashley and J. C. Straiton, Directed Study chief.

Mr. Ashley has completed the manuscript for Chapter 6. This comprises new and reorganized material on Vector Algebra, AC Circuits and Resonance. Mr. Ashley has worked closely with the ILS/VOR instructors to assure inclusion of material needed for these schools.

We believe this will be a valuable addition to the course, Mr. Straiton said, and we are making every effort to have it printed and in the hands of the students at the earliest possible moment. To the students who have finished Examination 5 and are waiting for this chapter we can say that it will be available in a few weeks. To speed the completion of new material for Course I, John Straiton is working on New Course II. Chapter 7, Electronics, will be the final chapter.

The third group of lessons for Course II, long delayed in printing, will be mailed out this week. This will be welcome news to many students who have completed Examination 2 and have been waiting for this material. Two bright notes in Course II, the worst will be over when Examination 3 is completed, and the remainder of the course will be printed rapidly so there will be no further delay to the student. Bob Ashby informs us the remainder of the course, covering Receivers, Transmission Lines and Antennas, will be on more familiar ground to most students from the Timing Circuits of the first nine lessons.

**AMT Course Progressing**-Mr. McKinley is leaving for a 'front office' conference in Washington after Thanksgiving. He will carry a briefcase well filled with notes on the new Course III he is preparing for the AMT, including a preliminary manuscript on about 30% of the course. He hopes to get concurrence on textbooks and decisions on the reference materials, as well as an agreement on the scope of the course.

### **CENTER ENTERTAINS ENGLISH VISITORS**

Charles Wulstan Roberts, Donald Wilkie and Maurice Albert Young spent several days at the Center's training schools recently. Wilkie and Young are ATC Communications personnel from the United Kingdom, while Roberts is a training officer from Britain.

These experts are employed by the International Civil Aviation Organization in the technical assistance program.

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### **AIRWAYS OPERATIONS BRANCH INSTRUCTORS BURN MIDNIGHT OIL**

Airways Operations Branch Instructors Kennedy, Church, McFarland, Collier, and Williams are studying feverishly in anticipation of their examination for Control Tower Operator Certificates. Other instructors, older in point of service, already have theirs.

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### **CENTER DIRECTOR IS MEMBER OF SPECIAL INTERVIEWING TEAM**

In connection with the special assignment which F. M. Lanter is undertaking at this time, he has already been sent to Washington, D. C. and Los Angeles, California. When last heard from he was on his way to Seattle, Washington, and planned to be back in Washington, D. C., on or about December 3. Although this traveling may sound good to some of us, we hear that Mr. Lanter is so busy on this assignment that he is having difficulty even finding time for lunch. His work involves serving as a member of one of two teams which are interviewing all top CAA Aviation Safety personnel. The other members of this team are E. S. Hensley, Director, Office of Aviation Safety, Washington, D. C., and Jay Meisel, Deputy Personnel Officer, Washington, D. C.

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### **COMMUNICATIONS INSTRUCTORS OBSERVING AT INSAC**

Jack Kennedy, 9th Region Communications Instructor, is completing a two-weeks familiarization course of study at the INSAC station, Will Rogers Field. Each of the Communications Instructors will take such a course looking to more efficient teaching for Airways Operations Specialists (Communications).

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*If anyone has any "prop wash" to spare, we wish they'd send to Donald Miers and Nall Parsons in Aircraft Services. They've had little success in finding any around here.*

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## U. S. COAST GUARD EXAMINATION ANNOUNCEMENT

All Commerce employees are requested to inform their friends and relatives of the following opportunity:

The United States Coast Guard has announced that its next annual competitive examination for appointment of cadets to the Coast Guard Academy, New London, Connecticut, will be held February 18-19, 1952, in 109 cities throughout the nation. Applications are now being accepted.

The Academy is one of the nation's leading engineering schools where an excellent education may be acquired.

The examination is open to unmarried, qualified young men military or civilian, who will have reached their 17th but will not have passed their 22nd birthday by July 1, 1952, who are in good physical condition, and who are sincerely interested in an adventurous career as an officer in America's oldest seagoing military service.

Upon successful completion of the four year course at the Coast Guard Academy, a cadet will receive a Bachelor of Science Degree and will be eligible for a commission as Ensign in the United States Coast Guard.

Admission to the Academy may be secured only through competitive examination; there are no Congressional appointments or State quotas.

Requests for information concerning the examination and requirement may addressed to the Commandant (PIP), U. S. Coast Guard, Washington 25, D. C. All such inquiries will be given prompt attention. The deadline for applicants is January 1, 1952.

**FEDERAL AIRWAYS CHIEF** (Continued from Page 1)  
he served as an Aircraft Radio Operator from 1924 to 1927. Quoting from Mr. Hill's statement, Leaving the Navy to see the world, I served with commercial shipping companies in Pacific and inter-coastal operations until 1931.

"Born in North Dakota, my longest period of residence at any one place has been Honolulu, which would seem to establish that as home."

"Mrs. Hill (Velma to her friends), a native daughter of California, developed the instincts of nomad during our first 11 years of CAA service, patiently at first, and later, with considerable anticipation, packing our belongings for our almost annual and sometimes semi-annual transfer Out of practice after years in the islands, this last move proved to be a major undertaking. We are both devoting most of our present efforts toward location of a permanent place to live and adjusting ourselves to the minor differences in climate."

## PROMINENT OFFICIALS VISIT AT FACILITIES BRANCH

During the past two weeks three officials spent some time looking over training in the Facilities Branch. Homer Applegate, Deputy Chief of Facilities Division of the Fourth Region was the first visitor. Mr. Applegate was very much interested in the training, since he was in charge of the first CAA Signals Training Center at Fort Worth, which started about nine years ago. He was amazed to see how the school had grown in buildings, personnel and equipment.

The next visitor was George Leucker, Radio Engineer with the Establishment Engineering Division of the Washington Office, whose main work is in the VOR program. Mr. Leucker was here in connection with modification projects on VOR modulation eliminators which are being done at PMD and the Airways Facilities Shop in Fort Worth. While at the Center Mr. Leucker spent considerable time with instructors in ILS/VOR school going over questions of adjustments in the VOR equipment and discussing late modifications to the equipment. He was very much interested in the level of training being given and also interested in helping the school obtain later equipment.

The third visitor to the branch was Joe Turner, Chief of Communications Engineering Division of the Ninth Region. Mr. Turner was on his way home from the Washington conference and was interested in seeing the training facilities, especially the Indoctrination School, since he would like very much to have new men for the Ninth Region trained here. He is especially interested in a proposed OFACS training course which is under consideration. Mr. Turner expressed his appreciation of the informative tour of the Facilities Branch and was highly impressed with the training facilities and the level of instruction.

## GARDNER NAMED TO STATE DEFENSE POST

At press time it was learned that Claude E. Gardner, Facilities Branch Chief, was appointed a member of the five-man Advisory Council of the State Office of Civil Defense (Communications). He received the appointment by letter from Glenn D. Poarch, who is State Director.

"Doing nothing is the most tiresome job in the world because you can't stop and rest."







## THE MEN IN BUILDING NO. 25

Perhaps you have often wondered just what went on in Building 25, behind the church, if you have noticed men in Air Force blue and others speaking various foreign languages pouring out around 4:00 PM

Building 25, where air traffic control procedures are taught to all comers, is formally known as the Air Traffic Control section of the Airways Operations Division. In order that you may know a little more about what goes on here, we would like first to introduce to you the men who operate in this part of the Aeronautical Center. (Ed. Note: In later issues we hope to show and describe the new modern training laboratories of ATC).

### INTRODUCING.....

#### Charles W. Antweiler (Top, Left)

... was born and raised in the 'Show Me' state. He received a degree in law from Southern Law University, Memphis, Tenn., and is licensed to practice law in the State of Tennessee. He started his career in aviation at Brayton Flying Service, St. Louis, Mo., and worked for a short time with McDonald Aircraft Corp. He came to the CAA in 1941 and except for a short 'tour' with the 25th Infantry Division in the Pacific during World War II, has been with the CAA ever since. He comes to the Aeronautical Center from the Air Route Traffic Control Center, Memphis, Tennessee.

#### Charles R. Myers (Left, Middle)

... first came into the CAA in January 1939 at Kansas City, Missouri, in the administrative division. In 1942 he transferred over to the Air Traffic Control Division and worked at various facilities in the Fifth Region. In 1945, he got itchy feet and went to Mexico to set up Approach Control at Mexico City and train the personnel for other traffic control facilities in Mexico and Central America. He came to the Aero Center from Mexico in 1947 and stayed for almost two years until the wanderlust hit him again. This time he packed up and went to Germany with the State Department to operate civil traffic control facilities and train German personnel to man the control towers and centers. During his stay in Europe, he managed to see almost all of Europe this side of the Iron Curtain as well as North Africa and the Near East. He returned to the Aero Center from his European sojourn last June and is now assisting in training of the USAF traffic control officers attending classes at the Aero Center.

#### Jack Grewell (Left, Center)

11

... was first introduced into the mysteries of air traffic control in November 1942 when he entered the training school in Kansas City, Missouri. After completing his course in the school, he was transported bodily into the Control Tower at Stapleton Field, Denver, Colorado, where he remained until 1947. Then it was back to his starting point, in the Air Route Traffic Control Center in Kansas City, where he remained until May of that year and then was returned to his beloved 'Mile High City'. Aeronautical Center acquired his invaluable services in February of this year where he has been busily engaged in introducing others into the devious ways and means of controlling air traffic.

#### George A. Crowley (Top, Right)

... is a native Oklahoman but wandered far and wide before coming home to roost in his boyhood haunts. He entered the CAA in 1942 in the Air Route Traffic Control Center in Kansas City, Mo. In September of 1943 he felt the urge of the Caribbean and proceeded to Bermuda to set up and operate the air route traffic control center where he remained for a year. He returned to Kansas City again in the traffic control center and then entered the Foreign National Training Program then in Kansas City in 1946 and was later transported to the Aero Center in the early part of 1947, along with the training program. He has been here at the Center ever since except for six months at the Jacksonville Air Route Traffic Control Center. He is now our Acting Chief and is the one who keeps things running smoothly in the air traffic control section of the Airways Operations Branch.

#### Perry S. Bolyard (Right, Center)

... is the newest addition to our instructor staff and came to us from the Air Route Traffic Control Center at Oakland, Calif. He is a native of the 'Jayhawk' state to the north where he attended college and obtained his pilot license. He entered the CAA in Jan. 1942 in the Air Traffic Control Division and after completing his training was assigned to the Las Vegas Control Tower in the land of divorces and marriages. In Feb. 1944 he was transferred to the Oakland Center and remained there except for the time he spent in the Navy during the war. He has now been with us about a month and we welcome him to the Aeronautical Center.

(Continued on Page 13) **INTRODUCING**





Maurice J. Mitchell

...otherwise known as 'Mitch', is a native of Idaho and it was while attending the University of Idaho that the aviation bug hit him when he obtained his pilot certificate. He came to the CAA in 1941 in the ATC Center in Seattle. After completing his training he went to the Spokane Control Tower where he remained until 1944 when 'Uncle' tapped him on the shoulder. After working in the McChord Air Corps Control Tower, he was sent to languish in 'Gay Paree' for over a year and it was not until 1946 when he returned to Spokane Control Tower with the rank of Mr. In 1949, the CAA decided that they needed a good man in the Seattle-Tacoma Tower so Mitch was tapped to fill the bill. He came to the Center in February 1951.

Grover Fulkerson



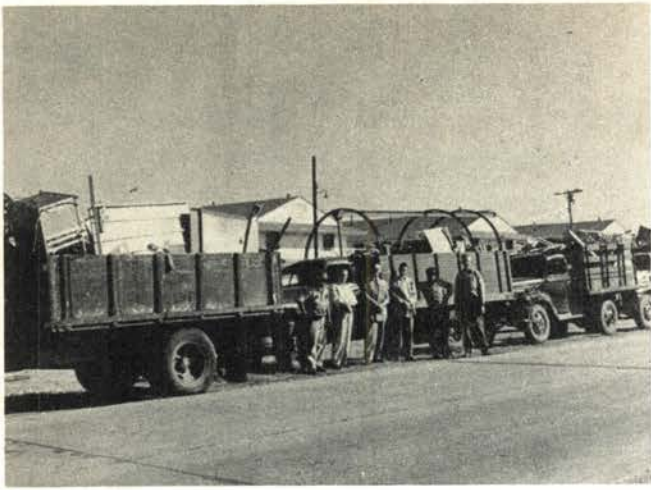
...grew up in colorful Colorado and after 3 years trying to make a living as a pilot, entered the CAA in 1942 in the Air Route Traffic Control Center in Denver. After three years in the Denver Center, the US Navy decided that some help was needed in the Naval Air Transport, so he spent two years furnishing the required assistance. Upon his discharge he returned to the Center and later took a job as Sr. Controller in the Center Tower. He transferred to the Center on Feb. 12, 1951 and after being allowed a full two hours to familiarize himself with the ins and outs of the instructing business, conducted his first class at 1000 the same day.

Robert A. Fiedel



...is also a Colorado-born boy but finished his schooling in a large variety of places, including Kansas and Washington, D. C. After two years of college, he again returned to Washington to work for the Census Bureau. On the side he took CPT training at George Washington University, and then taught ground school. When the war came, he decided to take his family to his wife's parents in Alaska and wait induction there. While waiting for his 'greetings', he went to work for the CAA and has not left since. In Alaska, he served as USAF Liaison Officer and then went to work as a Controller in the Merrill Tower at Anchorage. After a two year stint there, he transferred to the Anchorage ATC Center where he put in two more years. On the side, he again operated a ground school and worked as a radio announcer. After the war, he spent five years in the El Paso Control Tower and came to the Aeronautical Center in May 1951.





### SHIVELY AND MC VEY HANDLE JUNK FROM STANDARDIZATION FOR NEAT PROFIT

Upon receipt of the Director's memorandum of last January 8, the Aircraft Standardization Division took positive action toward setting up a scrap disposal program.

All items of scrap metal were segregated and after being stripped of any useable parts were placed in a storage area awaiting sale.

This scrap metal which consisted for the most part of contaminated aluminum was offered for sale on a sealed bid basis during October and was purchased by the Oklahoma Rubber and Metal Company, a local concern, who represents the smelter interests.

Pictured above are three of the six truck loads of scrap on their way to the public scale where a cash settlement was made on a weight basis. The proceeds of this sale, amounting to almost \$1,000.00, went back into the Treasury.

Shively and McVey, our two local junk dealers in the Supplies & Services, are always on the lookout to turn a fast buck for Uncle - so let's put 'em to work on another sale right fast-like!

Incidentally, Mort Finkelstein, who represented the purchaser, stated it was one of the best organized offerings brought to their attention in recent months and that no man-hours or truck time was lost in the transaction.

### CHANGES - CHANGES

Supplies & Services Section welcomes Mrs. Ruth Herman and Mrs. Eva Metz, who joined our organization during the month of November. Mrs. Herman replaces Carol Peters, who was transferred to Office of the Executive Assistant. Mrs. Metz replaces Bertha Lackman, who transferred to the Technical Assistance Division



### ASSOCIATION AIDS CHEST DRIVE AND OFFERS TELEVISION SET IN DRAWING

The Employees' Association of the Aeronautical Center put its weight behind the Community Chest drive this year by offering a television receiver and other prizes as inducements for larger contributions. At the conclusion of the drive a drawing was held, as shown in the photo above, and the winner of the TV set was Juanita Ozment, AC-622; Peter J. Sutro, AC-631, won a mixer; and Hal McVey, AC-618.3, won a toaster-grill.

A total of \$400.00 was turned over to the Red Feather by the Association Treasurer, Asia Krause. According to information received from W. G. Forman, Executive Assistant, local Federal Agencies turned in a total of \$8,104.00 or 101.7% of their quota for the annual Chest drive.

J. T. Cupp, Jr., Association President, indicated last week that officers of the employees' group were pleased with the results of the drive and in the future similar efforts may be made.

In the photo left to right around the hallway at headquarters are: W. M. Jackson, AC-618.2; J. E. Bailey, AC-618.1; Charlie Antweiler, AC-638; 'Duke' Dombek, AC-618.4; Doris Nichols, AC-600; C. J. McGinnis, AC-618; Hal McVey, AC-618.3, and Madelline Quillen, AC-618.1.

### INTRODUCING. (Continued from page 11)

Charles E. Dowling

Entered CAA in Jan. 1942 in ATC Control Center at Kansas City. He remained at the KC Center until he received greetings from 'Uncle' and spent 2 years in the Air Corps. After the unpleasantness was settled favorably, he returned to KC and again took up his duties in the Center and Tower. He came to the Center in Dec. 1950 where he has been training USAF and Foreign National students.





### VISITORS

- Oct. 15 - Capt. F. F. Cook & Lt. H. D. Garber, from Public Information Office, Tinker Air Force Base.
- Oct. 17 - Lt. Comdr. V. Deitchman & Lt. W. R. Bloom, USN, Corpus Christi, Texas Naval Air Station.
- Oct. 17 - W. F. Lubbock, Veterans Representative, 9th U. S. Civil Service Comm. St. Louis, Mo. and John H. Spartman, Deputy Director, State Veterans Dept. of Okla. were here in connection with recruitment problems.
- Oct. 18 - Wm. E. Rogers, Aircraft Electronic Specialist, Washington, D.C.
- Oct. 18 - Jim Pfeiffer & J. L. Hurst, 8th Region Pilots from Anchorage, Alaska.
- Oct. 22 - F. E. Servase, American Airlines.
- Oct. 23 - Dan Cupid, Oklahoma State Chemical Testing Laboratory.
- Oct. 24 - Bill Berry, Asst. to Regional Administrator, 4th Region.
- Oct. 24 - John Burke, Manager, Wiley Post Airport.
- Oct. 25 - C. H. McMillen, Mfg. Inspection Branch, Washington, D.C.
- Oct. 26 - Jack Simpson, Engineering Service, 4th Region.
- Oct. 26 - K. K. King, Airport Manager, Lawton, Okla., Floyd Burns, Airport Manager, Hobart, Okla. and Elmer Brownlee, Mechanic, Lawton, Okla. were here in connection with the District Office conference.
- Oct. 29 - R. T. Williams, Personnel Officer, 8th Region.
- Nov. 1 - Howard Maley, Chief, Technical Branch, Washington, D.C.
- Nov. 1 - Stewart Clippinger, S. C. Atkins and J. P. Rettle.
- Nov. 5 - Charles E. Fincher, General Accounting Office, Clifton G. Hall, Office

- of Secretary of Commerce and J. R. Gessley, CAA Accounting Division.
- Nov. 6 - Col. and Mrs. Bennie Griffin, Dir., Washington National Airport.
- Nov. 7 - Harrison L. Doyle, Pilot, Washington, D.C. and William E. Rogers, Aircraft Control Division, Washington, D.C.
- Nov. 7 - Sgt. Perry F. Slope, USAF, San Antonio, Texas.
- Nov. 8 - Frank S. Deane, former Chief, Accounts Section at Aero. Center, now with the Budget Office in Washington, D.C.
- Nov. 8 - George McKean, Chief, Plant & Structures Division, and Joe Turner, Chief, Communications Engineering, 9th Region.
- Nov. 8 - Homer Applegate, Deputy Chief, Facilities Division, 4th Region.
- Nov. 8 - George Luecker, Radio Engineer, Washington, D.C.
- Nov. 14 - Frank Loekle, Federal Airways Communications Division, Washington, D.C.
- Nov. 15 - Charles W. Roberts, Donald Wilkie, and Maurice A. Young, ICAO representatives from the United Kingdom.
- Nov. 19 - R. K. Bennett & K. W. Lawver, Illinois Dept. of Aeronautics, Springfield, Illinois.

### WELCOME TO NEW EMPLOYEES

- October 16 - November 15, 1951
- Ernest C. Hazlewood, Safety Operations Branch
- William H. Hill, Transferred from 9th Region to Federal Airways Standardization Division
- Perry S. Bolyard, Transferred from 6th Region to Airways Operations Branch
- Ruth Herman, Contract & Requirements Section
- Eva I. Metz, Contract & Requirements Section
- Mary Jo Wright, Project Materials Division
- Margaret R. Swank, Aircraft Branch

### GOODBYE TO FORMER EMPLOYEES

- Frank E. McFarlin, From Facilities Branch to Military Service
- James E. Beard, Transferred from Facilities Flight Inspection to Region 8
- Robert E. England, Facilities Flight Inspection Branch
- Thelma L. Moley, Facilities Flight Inspection Branch



- - The Editor and members of the staff wish all Beacon readers a Happy Thanksgiving. - -

## BOWLING NEWS

One of our better bowlers is Ava Wells. We can't give you her composite league average, but as a substitute in the Ten-Pin League she carries a 160 average. Her high game this year is 198 and high series 510. That's good bowling, Ava.

Esther Woods is now one of the Ten-Pin League substitutes and set an average of over 140. Kate Hawkins, also a first time substitute set an average of 124.

The individual averages on some of our C.A.A. Ten-Pin League members are:

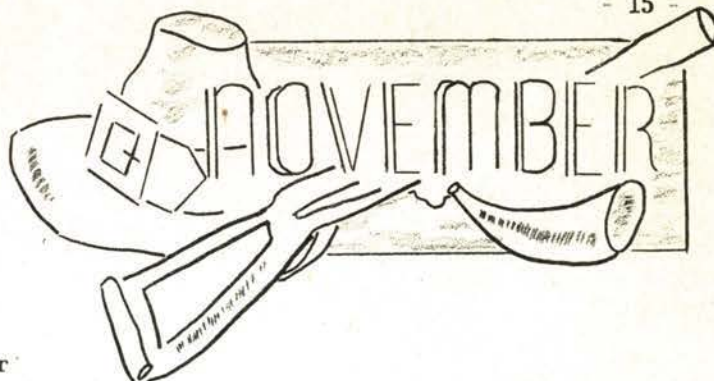
Nita Rose 105  
Norma Trogdon 117  
Sybil Andes 115  
Ida Lee Smith 138  
Juanita Prentice 120  
Asia Krause 124

Family Loan and Thrift, the team on which Asia bowls, finally moved up to hold Team Hi Series with a score of over 2265 and Team Hi Single of 831. How long they will hold it, nobody knows.

Girls, if you don't bowl you should try it. It's a good clean sport, good exercise, and fun. Of course, competition is **keen**, too, but that keeps it interesting.

Oklahoma City has two women's teams who bowl Shawnee teams once a month. Norma Trogdon, AC-636, is on the team which was started last month and their standing is 3 points won and 1 point lost. They've made a wonderful beginning. Asia is a member of the other Oklahoma City team which was started just before league season began and the team standing is Shawnee 7, Oklahoma City 5. The teams bowl one month in Oklahoma City, the following in Shawnee, alternately. It gives you a chance to mix with your own friends and meet new people whom you will meet in the Oklahoma City Times Classic Tournament and in State Tournaments. It's good to see a few faces you can place when you're in a strange city. Makes you feel as though you aren't a complete stranger.

**FOR SALE:** Registered Siamese kittens. \$25 each. Will deliver. See Roland C. Hain, Aircraft Services Branch.



## CITY TOURNAMENT

Our Women's City Tournament starts December 8 through December 16. Entries close November 24, which gives us time to get into the swing of things. We hope to have a number of CAA girls as Tournament winners, and will let you know after December 16. Our beginners have a better chance of winning this year than usual, especially in doubles and singles as they have been classified as B with a top average of 125.

**WELCOME BACK** to James Middlebrooks, who has been on extended leave from Aircraft Standardization Division to receive medical treatment.

## STORKVILLE NEWS

Two new arrivals in Aircraft Standardization this month are Richard Franklin, son of Frank Randall, born October 24 and little Sandra Kay, born October 15 to the Jimmy King household.

## NEW CAR DEPARTMENT

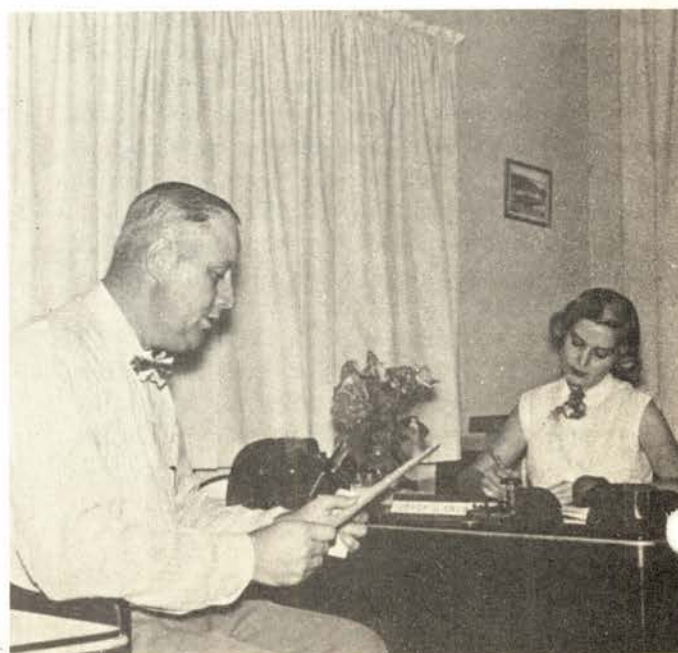
Carl C. Drumeller, AC-636, is sporting no less than a new Kaiser, as good looking as it is powerful - he hasn't yet dared to hold the throttle to the floorboard. Says Carl: "No mobile radio gear in it yet, but the antenna is installed and the decals of my (W5EHC) and my son's (W5TKC) call letters are mounted at the rear window."

**AIRCRAFT STANDARDIZATION** boasts a line of new cars this month, outdone in style only by the airplanes they turn out:

Harry Glasgow .. a 1942 Cadillac  
Harry Murphy .. a 1947 DeSoto  
Martin Dotson .. a 1948 maroon Chrysler  
Edward Hogan .. a grey Pontiac  
Dean Foster .. a 1950 Oldsmobile 88

We understand **JIMMIE ALBERT** would like to have his name in the **BEACON**, but can't afford a new baby or a new car -- so here it is anyway.







## WORK AND CARES STAND BY WHILE CENTER PEOPLE STOP TO PLAY

The top scenes were among those taken by O. A. Nash at the annual Association Bar-B-Q held this year in a new setting at Cimarron Field. It was Halloween time, Oct. 30, and the great double rooms of the former military mess hall shook with the laughter and excited cries of hosts of children and the goings-on of the 'older children'.

The menu? It was delicious. There was beer and soft drinks and later on a juke box was trundled into one end of a hall and for hours on end there was the darndest variety of new and old dance steps in cadence with the darndest variety of old and new tunes. If you didn't go well, you just should have been there!

**Personnel Picnic** In the center pics on the opposite page are a couple of photographs that Daisy Dovell offered as tangible evidence of a 'good time was had by all' at the wiener roast, fishing party held by Personnel people at Lake Hefner on Oct. 10. More wieners and fishin' are planned, it is said. In the left photo pictured left to right are: Hilda Aaron, Hazel and Grady McBride, Daisy Dovell, Mr. and Mrs. Lanter, Mrs. Olson and Bruce. In the right hand photo left to right are: Mrs. Vernon Brown (seated), Mrs. Lanter (standing, Daisy Dovell, Vernon Brown, Hilda Aaron, and F. M. Lanter. Front Row: Vici and Bryan Brown, Johnny, Hazel and Grady McBride, Mrs. Olson, Howard Wilson, Joe Bailey, Bill and David Jackson, Dorothy Miles, Bruce, Kristy and Enar B. Olson, and Mrs. Loren D. Cameron.

**MIGHTY FISHY STORY** - Lower Left Photograph. Lurman A. Neal just knew his fish story would sound fishy so he submits proof positive of his catch. The blue cat Neal, we betcha, is not holding up, weighed 45 pounds and was almost four feet long, lacking only 4 inches. Where? Oh, scuse, at Lake Texoma on a recent weekend.

**AH, CHEESECAKE!** - Lower Right Photograph. It is said that lucky boy Ebner was somewhat unpopular with members of the Safety Operations Branch when he 'wooed and won' their secretary from them. This is the picture that trigger-happy Shedenhelm wanted to take over (that is, take again). The shutter tripped just as she looked down - but then, Joyce is demure.

## TOASTMASTERS CLUB ORGANIZED

Personnel at the Aeronautical Center have made an excellent step forward in establishing a Toastmaster's Club for developing latent talent in the art of effective presentation of ideas before groups.

An organizational meeting was held on Nov. 16 to explain the function of the club to all interested personnel. The group decided to have a meeting for the election of regular officers on Nov. 20.

At the regular meeting the following officers were elected: Hope Biggers, President; E. B. Olson, Vice President; R. W. Pulling, Secretary; T. E. Graber, Treasurer; W. M. Jackson, Sergeant-at-arms. A program committee was appointed to assure individual participation. Charles Meyers was appointed chairman and assisted by Wilford Moore and Merrill Morgan.

The intense interest in the club is indicated by the active participation of personnel from all divisions at the Aero Center and by the fact that they are already holding regularly scheduled dinner meetings. For the time being, they are meeting Tuesday evenings from 6:30 to 8:30 at a restaurant in the northwest section of the city.

## CRUSE GETS INDIAN SUMMER TAN

W. E. Cruse, Chief, Airways Operations Branch, has returned to the office after a ten days vacation spent in Oklahoma City, working in his yard and soaking up fall sunshine.

## MARS RETURNS FROM LEAVE

Communications Instructor Eugene L. Mars has returned from Springfield, Illinois, where he attended a National Rabbit Breeder's Convention. While there Gene visited many places of interest, including the home and tomb of Abraham Lincoln.

## RADIO CLUB TO HEAR TECHNICAL TALK

Robert Ashby, Facilities, will present a talk on standing wave ratio indicating devices at the December meeting of the Aero Center Amateur Radio Club meeting, to be held Dec. 7 in Bldg. 10. This promises to be of the same calibre of excellence as those given by Robert Hoffer and Byron Looney at the two preceding meetings - so make your plans now to be present.



### CENTER EMPLOYEE CHARLES O. EVANS DIES ON ARMISTICE DAY AT VA HOSPITAL

On the anniversary of the Armistice Day that must have meant much to him in 1918, Charles O. Evans, soldier, quietly and peacefully passed away at Veterans' Administration Hospital, Will Rogers Field.

Among the people who knew him so well at Facilities Branch there was deep mourning. Mr. Evans first entered on duty at Facilities May 16, 1948 and continued the faithful performance of his duties, plus many an extra helpful task, until he entered the hospital, seriously ill, on September 10.

The record of his service to his country is as follows, taken from his Army discharge papers: Born in Searcy County, Arkansas in 1889. Formerly an engineer for Morris & Co., now known as Wilson & Co. A veteran of World War I, served in the following engagements: The offensive at Pise Aisne August 28 to September 7, 1918; and offensive of Meuse-Argonne September 22 to November 8, 1918.

### SYMPATHY

We would like to extend our deepest sympathies to Herbert G. Blanchard whose father passed away November 19.

Our sympathy is extended to William O. Doepe, whose father passed away last month. Mr. Doepe is employed in the Aircraft Standardization Division.

### ILLNESSES AND ACCIDENTS

Aubrey F. McNally underwent an operation at the Veteran's Hospital November 1. We are glad to report that he is already up and around, and we hope he will be back with us in a few days.

Lloyd Hallum of Aircraft Standardization received neck and jaw injuries on October 24. He has not yet been released by his doctor to return to work.

Bill Johnson, an oldtimer at Aircraft Branch, (and one of the Employee Association members mainly responsible for some of our best dances) is in the VA hospital at Will Rogers Field, and will be there for approximately a month. Anyone with a few minutes on their hands can visit Bill, and the visit will be appreciated -- lying in a hospital bed becomes mighty monotonous.

### SANTA CLAUS IS COMING TO TOWN

If the girls in the Accounting Section suddenly become very thin, do not be surprised. Any noon hour, desks are hastily cleared and it isn't lunch which takes the place of official papers. Bright bits of felt, glittering sequins, and gay ribbons were much in evidence as the girls assemble Christmas stockings, crocheted gloves and other Christmasy objects.

Who wants to eat anyway when they can be making gifts for bright-eyed children, friends and relatives? And thirty minutes is too short to accomplish both missions.

### NEW HOMES DEPARTMENT

Bonnie Benson, Nurse of the Medical Clinic, is moving into her recently purchased new home -- a duplex located at 308 Babbs, Midwest City.

Five employees in the Aircraft Standardization Branch are building new homes, all in the same block with Joe Motley's new place on N. W. 27th. These hardy homesteaders are: Jess Nichols, Harry Frasco, Rex Childers, Henry Hardee and Robert Combs.

### BARKER'S DAUGHTER CHOSEN INDIAN QUEEN

Miss DeeBarker, 18, Choctaw Indian from Oklahoma City and queen of the Chilocco Indian School represented that institution at the 20th annual Arkalalah autumn festival in Arkansas City, Kansas, on October 30-31. Miss Barker is the daughter of Mr. and Mrs. Alfred Barker, General Maintenance Section.

### THANKSGIVING TRIPS

Oneta Sublett, Accounts, has returned from a week's visit in the hills of Arkansas with her parents and brothers and sisters.

Mr. and Mrs. Horn (Jeannette of Supplies & Services), together with their two small daughters, will spend Thanksgiving in Holdenville with Jeannette's mother. By the way, Jeannette is the new voice which sometimes answers you on the switchboard.

### ENTERTAINING

Mrs. Catherine James, Airways Operations, will entertain her mother from Noel, Missouri, and her sister from London, England, during the Thanksgiving Holidays.





**NOW IS THE TIME** - To make plans to attend the CAA Employees' Pre-Holiday Dance. A gay ole time will be had by all. So, don't miss this gala occasion!!!!

When : November 30, 1951  
 Where : Beverly's Hide-Away  
 N. W. 52nd & Santa Fe Streets  
 Time : 9:00 PM - 12:00 midnight  
 Music By : Eddie Ward & his orchestra  
 Price of Tickets: \$1.00 per ticket for Association  
 \$1.50 per ticket for non-members

If you are not already an Association member,  
**JOIN TODAY.**

All Branch Secretaries have tickets for sale. If additional tickets are needed, contact Hattie Reeder.

#### GROUNDWORK FOR INCORPORATION OF EMPLOYEES' ASSOCIATION LAID

The application for the incorporation of the Aeronautical Center Employees' Association was signed on November 19, 1951, and submitted to the State of Oklahoma for approval. The ceremony was conducted in the Credit Union office with Mrs. Rogers acting as the notary public. The instrument was signed by:

J. T. Cupp, Jr., President  
 R. W. Swinney, Vice President  
 Sybil Andes, Secretary  
 Asia Krause, Treasurer

Previously the Employees' Association was a 'partnership' and had no legal recognition; however, as a corporation it will become a recognized legal entity.

The objective of the organization has not been altered, but the 'officers' will be known as Trustees, and the 'Executive Committee' will be known as the Board of Directors. The constitution will then become the By-Laws of the corporation.

We wish to thank Ted Graber and Dean Anderson for their efforts and time spent in implementing the incorporation -- a definite step forward.

#### NEW ASSOCIATION MEMBERS

J. Chester Shimp	634.4
Max E. Kincaid	634.4
Beatrice Hoebing	635
Alfred B. Ashley	636
Clarence Meyer	623
Norma Trogdon	636
Martin G. Dotson	623
J. R. Kennedy	638
Charles V. Hannan	636
Gerold Tessman	622.2
Calvin D. Floyd	629
Frances E. Cornelius	635
E. G. Crippen	636
Bill Merrill	622.3
W. G. Forman	617
Henry F. Hardee	623
Howard Wilson	635
W. H. Hill	634

**DON'T FORGET NOVEMBER 30 - THE  
 DATE OF THE DANCE. CIRCLE THAT  
 DAY ON YOUR CALENDAR, AND BUY YOUR  
 TICKETS EARLY**



**AVIATION SAFETY**Course A 4(1) Aircraft Materials & Processes

10/15 - 10/25/51

Allen, D. D.	Yakima, Washington
Buck, Harold Z.	Santa Monica, Calif.
Hamill, George F.	Fort Worth, Texas
Johnson, T.	Lindenhurst, N.Y.
Long, F. L.	Miami, Florida
Moser, V. G.	Muskegon, Michigan
Smith, Jack A.	Concord, N.H.
Wicklund, E. J.	Kansas City, Mo.

Course A-10-13 Flight Testing Fund. & Aircraft Limit

10/15 - 11/9/51

McGuire, Leo W.	Minneapolis, Minn.
Mulligan, Gerard F.	Balboa, C.Z.
Newman, Everett O.	Idlewild, N.Y.
Shroyer, David H.	Chicago, Ill.

Course B2-12 Instrument Ratings

10/15 - 11/9/51

Bell, Robert E.	Alexandria, Va.
Hermes, Harold H.	New York, N.Y.
Linn, Robert L.	Okla. City, Okla.
Smith, John C.	Huron, S.D.

Course B1-11 Flight Instructor Ratings Ref.

10/22 - 11/2/51

Dotson, James C.	Chicago, Ill.
Fallin, Joseph P.	Wichita, Kansas
McClain, Walter M.	Ontario, Calif.
Prokop, Andrew J.	Springfield, Mo.
Wood, Melvin O.	Wausau, Wisconsin
Smith, James L.	Nashville, Tenn.

Course C2-46 Air Navig. Aids & Oper. Ref.

10/22 - 11/2/51

Covan, William C.	Washington, D.C.
Dagley, H. A.	Washington, D.C.
Linehan, Fay D.	Okla. City, Okla.
Speckart, Jess R.	New York, N.Y.

Course A-11-8 Flight Testing for Type Cert.

10/29 - 11/9/51

Binion, Lamar E.	Atlanta, Ga.
Hurley, J. W.	Kansas City, Mo.
Richards, Cyril	Washington, D.C.
Staples, J. Clay	Los Angeles, Calif.

Course B4-15 Airline Transport Pilot Cert.

10/29 - 11/23/51

Gowin, Hamilton B.	Richmond, Va.
Kress, Kenneth T.	Allentown, Pa.
Lightbody, L. W.	Los Angeles, Calif.
Merritt, John R.	Little Rock, Ark.

Course B6-23 Type Rating on M-E Equipment

10/29 - 11/9/51

Detamore, David C.	Kansas City, Kan.
Gianelli, J. A.	Fort Worth, Texas

Course B-7(2) Flight Engineer Certification

10/29 - 11/23/51

Brown, Raymond H.	Atlanta, Ga.
Hospy, Joseph F.	Chicago, Ill.
May, Gordon F.	Jamaica, N.Y.
Olson, William A.	Kansas City, Mo.

Course B3-18 Instrument Ratings Refresher

11/5 - 11/16/51

Lathrop, Lee G.	Bismarck, N.D.
McCausland, Jay A.	Clarksburg, W. Va.
Schaeffer, Edwin B.	St. Louis, Mo.
Weisbruch, Edward J.	South Bend, Ind.

Course B1-12 Flight Instructor Rating Ref.

11/13 - 11/23/51

Covert, L. G.	Lincoln, Neb.
Hunt, John W.	Des Moines, Iowa
Jones, Robert L.	Seattle, Wash.
Metzger, L. G.	Denver, Colo.
Thwaites, R. S.	San Antonio, Tex.
Von Tempsky, Errol W.	Romulus, Mich.

Course C2-47 Air Navig. Aids & Oper. Ref.

11/13 - 11/23/51

Girton, Milton D.	Tampa, Florida
Kinney, J. L.	Washington, D.C.
Morse, James T.	La Guardia, N.Y.
Swanson, A. P.	Fort Worth, Texas

Course D1-23 General Flight Refresher

11/13 - 11/23/51

Brubaker, Wesley H.	Fort Worth, Texas
Clark, William E.	Kansas City, Mo.
Scott, W. W.	Anchorage, Alaska
Toomey, H. M.	New York, N.Y.

Temporary Flight Instructors

Haniquet, E. F.	New York, N.Y.
Wagner, Geo. W.	Chicago, Ill.

**DEPARTURES**DME CLASS #7

9/24 - 11/30/51

Region 1

Chitwood, Henry J.	Eddyville, Iowa
Coughlin, Thomas A.	Westbury, N.Y.
Jacobson, John W.	Lynchburg, Va.
McCann, Joseph P.	Laurelton, N.Y.
Podolec, Paul J.	Camp Hill, Pa.

Region 2

Cagle, Harold	Atlanta, Ga.
Keith, Clarence T.	Newman, Ga.

Region 3

Allaback, Wilbur	Akron, Ohio
Farrance, Jack	Cleveland, Ohio
Foerster, Arthur C.	Fargo, N.D.



Region 2 (Cont.)

Langer, William A.	Alexandria, Minn.
Rushing, Walter A.	Mishawaka, Ind.
Thines, Eugene E.	Fort Wayne, Ind.
Tuthill, Edward G.	Davenport, Iowa
Walker, M. Eugene	Rockford, Ill.

Region 4

Romer, Robert T.	Carlsbad, N.M.
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Region 5

Anderson, Mardis V.	Kansas City, Mo.
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Region 7

Anderson, Carl E.	Portland, Ore.
Barton, Jack C.	Burley, Idaho
Cimmery, Vern C.	Missoula, Mont.
Conner, Lyle H.	Helena, Mont.
Gountanis, Pete G.	Billings, Mont.
Larrabee, Jack W.	Yakima, Wash.

Region 9

Chittenden, Walter R.	Honolulu, Hawaii
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Indoctrination Class No. 26

8/13 - 11/2/51

Region 1

Hinson, Frederic S.	Roanoke, Va.
Salamon, Stanley H.	Albany, N.Y.
Stansberry, Chadwick L.	Washington, D.C.
Steinbroner, George P.	Elmira, N.Y.
White, Samuel R.	Washington, D.C.
Zimmerman, Herbert	La Guardia, N.Y.

Region 2

Brewer, John H.	Spartanburg, S.C.
Moore, Delbert H.	Raleigh, N.C.
Seymour, Howard T.	Columbus, Ga.

Region 3

Dietz, Rayfield A.	Minneapolis, Minn.
Severs, Wallace W.	Cleveland, Ohio
Warner, Joseph C.	Louisville, Ky.

Region 5

Coburn, Douglas F., Jr.	St. Louis, Mo.
Crown, Charles E.	Casper, Wyo.
Gay, Gerald F.	Garden City, Kan.
Tunby, Roy H.	Denver, Colo.

Region 6

Hanich, Frank	Inglewood, Calif.
Hosler, Virgil I.	Ogden, Utah

Region 7

Smith, Adelbert J.	Great Falls, Mont.
Wright, Cornelius C.	Seattle, Wash.

Region 8

Bray, Frank E.	Anchorage, Alaska
Farish, Marvin L.	Anchorage, Alaska
Ledbetter, Noel W.	Anchorage, Alaska
Murvine, Marvin E.	Anchorage, Alaska

Region 8 (Cont.)

Stewart, Marion W.	Anchorage, Alaska
Tingle, John E., Jr.	Anchorage, Alaska
Williams, Jimmy R.	Anchorage, Alaska
Dennis, Chester B.	Anchorage, Alaska
Burgess, Carl B.	Anchorage, Alaska

Region 9

Saunders, James F.	Honolulu, Hawaii
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Indoctrination Class No. 27

9/10 - 11/30/51

Region 3

Kohn, Arthur P.	Toledo, Ohio
Sevenish, Edward L.	Covington, Ky.
VeZeolles, Elwood M.	Evansville, Ind.

Region 7

Mitchell, Robert E.	Seattle, Wash.
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Region 8

Connelly, Vincent S.	Anchorage, Alaska
Davis, Harold A.	Anchorage, Alaska
Harris, Thomas C.	Anchorage, Alaska
Mone, Edward A.	Anchorage, Alaska
Parker, Charles V. III	Anchorage, Alaska
Porter, Sidney R.	Anchorage, Alaska
Sampson, Clarence E.	Anchorage, Alaska
Smith, C. Gordon	Anchorage, Alaska

DEPARTURESILS/VOR CLASS 31

8/13 - 11/9/51

Region 1

Turney, Otis P.	Providence, R.I.
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Region 2

Clark, William G.	Graham, Tenn.
Ritchey, H. E.	Fort Myers, Fla.
Wright, Moses	Knoxville, Tenn.

Region 3

Hayden, Joseph C.	Lexington, Ky.
Horton, Howard V.	Duluth, Minn.

Region 5

Hempt, Frederick E.	Denver, Colo.
Bannister, Robert C.	Denver, Colo.

Region 6

Raymond, Garold E.	Pescadero, Calif.
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Region 7

Murry, Warren E.	Billings, Mont.
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ILS/VOR CLASS 32

9/3 - 11/30/51

Region 1

Christiana, Gilbert P.	Idlewild, N.Y.
Francis, Chester T.	Providence, R.I.

Region 3

Bliesener, Frank C., Jr.	Milwaukee, Wis.
Flechtner, Norbert B.	Youngstown, Ohio



ILS/VOR CLASS 32 (Cont.)

Region 6

Mitchell, Lou K. Lucin, Utah

Region 7

Sorenson, Randall E. Spokane, Wash.

Region 8

Gilliam, Darrell Anchorage, Alaska  
Perricone, Charles J. Yakatage, Alaska

**ARRIVALS**

ILS/VOR CLASS 34

10/22 - 1/18/52

Region 1

Faux, William H. Jr. Philipsburg, Pa.  
Holt, William L. Pittsburg, Pa.  
Paladin, James Buffalo, N.Y.

Region 3

Roszhart, Victor R. Lansing, Mich.

Region 6

DeWolf, Laurence R. Blythe, Calif.

Region 7

Munkres, Raleigh A. Baker, Ore.  
Nichols, James S. Seattle, Wash.

Region 8

Green, Wallace G. Anchorage, Alaska  
Woods, Jack S. Portage, Alaska

IR

Olazabal, Jorge E. Lima, Peru

ILS/VOR CLASS 35

11/12 - 2/8/52

Region 1

Levine, Theodore H. Philadelphia, Pa.  
Lipson, Herbert L. Dover, Dela.

Region 3

Artimovich, Alex A. Worth, Ill.  
Bugg, Ralph W. Wayne, Mich.

Region 4

Garner, Winfred B. Amarillo, Texas

Region 6

Fogelsanger, Rudolph S. Milford, Utah  
Haynes, Van W. Salt Lake City, Utah  
Hopkinson, Ernest A. Las Vegas, Nev.  
Nafus, Charles W. Paramount, Calif.

Region 7

Jemison, Philip E. Pendleton, Ore.  
Stowell, E. Devont. Livingston, Mont.

Region 8

Noel W. Ledbetter. Oakland, Calif.  
Gordon L. Schroeder. Grants Pass, Ore.

IR

Molgaard, Hans T. Denmark

**ARRIVALS**

Indoctrination Class No. 29

11/5 - 1/25/52

Region 3

Broman, Carl B. Monticello, Minn.  
Johnes, Charles E. Terre Haute, Ind.

Region 8

Beard, James E. Choctaw, Okla.  
Blades, Charles E. Houston, Texas  
Burkett, Clarence H. Henderson, Texas  
Hennarichs, Alva E. Tomah, Wis.  
McCurdy, Drury R. Project City, Calif.  
Walker, Warren L. Muskogee, Okla.

IR

Chatterjee, Rabindranath. Calcutta, India  
Laue, Lope Perez. Caracas, Venezuela

**BERT LACKMAN LEAVES**

Mr. & Mrs. John W. Lackman ('Bert') are moving to Kansas City next week. Bert was the secretary in Mr. Shedenhelm's office. John is being transferred to the big city.

**FAITH HEALING KAPUT**

At press time Wednesday our erstwhile faith healer, Claude Gardner, moaned sadly at headquarters. Faith healing has gone to pot - no one believes, they're using lemons for sorethroats.

**FOR SALE**

Smoothing choke 500 ma, 10 henry. Insulated for 2500 volts. Call 99-3322

Ten 4E27 (same as HK 257B or RCA 8001) tubes, also numerous other radio transmitter parts. Call 72-5085

**PMD PERSONAL NEWS**

Dick Wenzel plans to spend the weekend in Colo.  
Clyde Daniels plans to go pecan picking and quail hunting  
Bill Hielscher is spending Thanksgiving in El Paso, Texas  
Frances Cornelius plans to spend the holiday in Wichita Falls, Texas  
Beatrice Hoebing will spend Thanksgiving at Sedalia, Mo.  
Howard Wilson has been taking several short hunting trips - so far he reports having killed nothing but 'soda pop'.  
PMD welcomes third female employee, Mary Jo Wright, who reported for work Nov. 14.





Scientists say the speed of sound doesn't vary but everyone hears the quitting whistle quicker than they do the starting gun.

The foreman of a gang of carpenters was a hard man. He was especially rough with anyone he thought was lying down on the job. One day, Ole, a good-natured Swede, stepped too close to an open elevator shaft near where he was working and fell in. His horrified companions peered down into the shaft, expecting to see Ole's shattered remains. They heard his voice booming up. "Hey, fellers, is the boss mad? Tell him I had to come down anyway for nails!"

*Nothing stops a wife's tears quicker than a husband who pays no attention.*

In the pants industry, business is always best during the slack season.

Doctor (to his daughter): "Did you tell the young man that I think he's no good?"  
Daughter: "Yes, Dad, but that didn't faze him. He said it wasn't the first wrong diagnosis you've made."

*The perfume worn by some of the passengers on public conveyances makes one wish they were temporarily out of odor.*

A young bride, in preparing an evening meal for her husband, decided to economize and serve only left-overs. She cleverly disguised them, she thought, into a very attractive meal. The husband sat down and began filling his plate. The wife said, "Why, darling! Aren't you going to ask a blessing?" He replied, "If you can name just one thing on the table that hasn't been blessed before, I'll be glad to".

*A good turn is one that gets the blankets back on your side of the bed.*

Bore: *A fellow who talks so much that he doesn't give you a chance to be one.*

Typographical Error Department: "Coach Pelham again is active on the gridiron after being laid up for several days with a bad coed."

Two expert craftsmen  
Were Dingle and Doe-  
The Army recruiters  
Had told them so.  
From the time he was ten,  
Dingle tooted a horn.  
While Doe  
Was a paratrooper born.  
But each will wind up  
Where neighter should go:  
Dingle will dangle  
And Doe will blow.

A farmer, the first night in the big city sat in a burlesque show the entire evening. The next day he had to have his eyes examined. The specialist said, "My dear man, the next time you sit through a burlesque show, blink your eyes several times -- you won't miss out on much."

Wife: Here's a bottle of hair tonic, dear.  
Hubby: What's the idea?  
Wife: I want you to give it to your office girl. I notice from your coat that her hair is coming out rather badly.

*The way to fight a woman is with your hat. Grab it and run.*

I liked the silent pictures the best,  
Their return I would greet with a shout,  
It was good to see women open their mouths  
And not hear a sound come out.

Professor: "Now, this examination will be conducted on the honor system. Please take seats three seats apart, in alternate rows, and we shall begin.

Everyone should own a comfortable bed and comfortable shoes, because he's in one or the other all of his life.

"Darling, I have missed you!"  
Her voice was full of pain,  
And she lifted the revolver  
And fired at him again.

*Many a man has gone to a stag party and staggered home with a dear on each arm.*

A man's greatest mistake is to suppose that grass widows are green.

She: "If you don't leave I'll call my hubby.  
He played football for army."

He: "Lady, if you love him, don't. I used to play for navy."