

# CAA AERO CENTER



## "BEACON"

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

August 22, 1951

OKLAHOMA CITY, OKLAHOMA

Vol. II, No. IX

### FLIGHT INSPECTION TRAINS EIGHT IN NEW CLASS; OTHER WORK DESCRIBED

A new class of eight men in the Air Force Flight Inspector Training course arrived as Class 52-A on July 30. Requiring about six weeks to complete the course the officers, navigators and radio operators will finish on September 7.

Messrs. DeCelles and Craymer, of Region 2 Flight Inspection, visited the Center during July at which time branch personnel installed recording equipment in Beech N-101, which is to be used for flight inspection until additional standardized Beechcrafts can be delivered.

### 100-HOUR CHECK PERFORMED

A complete 100-hour inspection on Douglas N-112 from Region 5 was made July 20-22 while their maintenance facilities, located on Fairfax airport at Kansas City were inundated by the recent flood. The work included a complete calibration check of all radio equipment. Assistance for part of the work was furnished by Aircraft Services Branch.

### ADDITIONAL WAREHOUSING SPACE SECURED FOR CENTER AT NORMAN, OKLAHOMA

Under a permit received, and effective July 1 portions of the Veterans Administration Hospital area, including a number of buildings with several thousand square feet of space, has been made available to the Aeronautical Center for warehousing purposes.

Part of the space has already been occupied by the Aircraft Materiel Section and Project Materials Division, according to W. G. Forman, Business Administration chief. Some of the buildings are specially constructed for warehousing.

From Business Administration also comes word that since the Air Traffic Control training laboratories have moved to new quarters in Building No. 25 the space requirements of headquarters offices have been reviewed and a rearrangement is planned for the near future.





## EDITORIAL PAGE

### BEHIND THE NEWS IN THIS ISSUE

This month the BEACON begins a series of articles with pictures endeavoring to show and inform CAA field personnel engaged in the maintenance of electronic aids to navigation what they can expect to learn at the Aeronautical Center if or when they attend training courses, what they will be expected to know in radio and mathematical background, how classes are arranged and scheduled, what text material they will be furnished, the laboratory facilities available to them, and what will be expected of them in their technical studies. The first article in the series deals with the ILS/VOR course, and was prepared by F. G. Smith, chief instructor of the ILS/VOR school.

Another invention at Link Trainer, Norm Jessup develops a VOR simulator for use in conjunction with the Link Trainer. Some time ago Mr. Post developed a training device simulating a slope line system. See a later page for picture and explanation of the new VOR simulator.

And along the same line, showing the emphasis on better training methods and aids, the new laboratories for Air Traffic Control are shown. The results of many, many months of planning and work is announced only briefly in this issue - words seem so futile to describe. We have the word of Mr. Cruse that the next, or a future issue will carry a full series of pictures and description. For those at the Center we advise a personal visit.

## HELP! HELP! HELP! HELP!

### SNAPSHOTS AND EDITORS WANTED

Do you take snapshots? The BEACON staff in its never-ending job of gathering news about Center employees is anxious to devote at least one full page each issue to snapshots, humorous, interesting or otherwise of social, sports, and vacation activities.

Please dig out your best and give with some kind of story to go with it. Identify the subject (the people, that is), the place, the approximate date and other necessary information. Any ordinary size print will do, but to reproduce well it should have fairly good contrast.

Editors Wanted! Help is badly needed for editing the BEACON. Ye Ed. needs an Assistant Editor, a Copy Editor and a Feature Editor immediately if the paper is to continue publication under its present management.

Please let it be emphasized that no social talent is required. If you can write a good letter or report, you can help edit and write for the BEACON. You can volunteer for 3 months, 6 months, a year, or whatever period you wish. A little extra time will be required, but if the job is divided four ways the burden will not be too great for anyone.

The BEACON is prepared and published monthly by the CAA Aeronautical Center Employees Association, without use of Government funds, as a service to all CAA personnel. Staff members include:

Editor.....Arthur Schmitt  
Assistant Editor.....Lyla B. Fisher  
Sports Editors.....Ann Martin  
Clyde Daniels  
Photography.....L. E. Shedenhelm  
Staff Artist.....Hattie Reeder  
Printing.....Edwin Frame

Distribution date of the BEACON is third Wednesday of each month. Deadline for copy is the second Wednesday of each month. Copy may be handed to branch secretaries or submitted to the editor, Arthur Schmitt, Facilities Branch, AC-636.

Published CAA Aeronautical Center, Will Rogers Field, P. O. Box 1082, Oklahoma City, Oklahoma.



## INDEFINITE PERSONNEL ACTIONS EXPLAINED

Quite a few employees have asked about the meaning of 'indefinite' personnel actions. Well, when Uncle Sammy got into this Korean mess, it looked like he was going to have to hire a lot of new help. Usually he doesn't need nearly so many workers and he didn't want to promise permanent jobs to the folks coming to work to help our during the fuss. The Civil Service Commission set up the rules so that none of the Government agencies could give people permanent jobs after the 1st of December last year. All agencies just about have to operate on the same basis - it sure would be a mess if some outfits could make permanent job offers while at the same time others couldn't. The outfit making only 'indefinite' job offers couldn't hire anybody at all.

Everybody thinks there'll be a big readjustment after this Korean thing and whatever comes after it dies down so Uncle is sort of planning ahead on that deal, too. The Civil Service Commission has rules that all promotions and some transfers and reassignments that come off after September 1, 1950, are 'indefinite'. All this means is that when the 'readjustment' comes, people who have 'indefinite' promotions, transfers or reassignments can be demoted, retransferred or re-assigned as is necessary at that time.

How will this readjustment affect CAA employees when it comes? Well - nobody knows for sure, but so far CAA hasn't expanded any to speak of because of the defense program - we've had to make some readjustments to take care of military training and relations, but most of our vacancies come up because somewhere along the line someone quits. Of course, a few of our people are called back into the service as reservists and some young fellows get drafted. We have to save their jobs for them when this happens. But since CAA isn't expanding, we really don't think there'll be much of a 'readjustment' for us. People who have come to work on 'indefinite' jobs will get a chance to compete for 'permanent' status and permanent employees who have 'indefinite' promotions, transfers, etc., will be kept in the best job possible - provided of course they've done a good job where they are.

The Beacon's editor has said we can use some space each month to discuss matters we think would be of interest. Perhaps some of you have suggestions we could use in getting these articles together. We'll be glad to write about leave, retirement, compensation, transfers, promotions, employee responsibilities, veteran rights and privileges or most anything that comes under the heading of our business. We'll appreciate getting any suggestions.

W. M. Jackson, AC-618.2

## CAA OLD TIMER HERE TO DEVELOP AMT COURSE

One of the latest arrivals in the ever-changing staff of instructors at Facilities Branch is Howard W. McKinley, formerly chief of Facilities Maintenance Branch in Region 6.

Mr. McKinley is assigned to the Directed Study Section and is to develop the course, announced in the June BEACON, for Airways Maintenance Technicians.

'Mack' as he has been known to a number of our old timers is in fact one of the very early staff of the Federal Airways Service. He entered duty in the Washington Office as an assistant radio engineer in March, 1928. He helped plan the installation and procurement of radio and auxiliary equipment for many of the early radio range and subsequent stations. In 1933 he went to the West Coast to become their first radio engineer to be located in the Airways District Office.

In those days the radio engineers of the District had the assistance of two or three radio electricians for major servicing of teletypewriters, but station operators did a large part of the routine equipment maintenance.

In the succeeding years of improved equipment and greater service to airmen by way of radio navigation, lighting and communication aids Mr. McKinley has played an intimate part. He has had supervisory responsibility over Airways Maintenance Technicians and inspectors in Region 6 both as former chief of the Signals Branch and more recently as chief of Facilities Maintenance branch.

He is a graduate in electrical engineering from Colorado A&M and was an Air Corps pilot in World War I. Prior to his entry into Civil Service he accumulated six years of teaching experience at the University of Arkansas.

There are many who look forward with anticipation to the utilization of his storehouse of experience in his work of developing the important AMT training course.

.....

The Arab stood on the weighing machine  
In the light of the lingering day,  
Dropped a lead penny in the slot  
And silently stole a weigh,

Might by Copyrighted....

.....





#### RONALD PULLING TAKES OVER PMD POST

From the 9th Regional Office at Honolulu Ronald Pulling arrived August 13 to assume the position as Chief, Project Materials Division.

Formerly Chief, Plant & Structures Establishment Branch of Region 9, Mr. Pulling has been with CAA for 11 years, more than seven of which were spent in Hawaii.

During the period, since last November, that PMD was under the direction of an Acting Chief much of the administrative work was ably handled by Clark B. Affleck.

In the photograph to the left, the two men are shown at their desks, Mr. Affleck at left, Mr. Pulling on the right.

\*\*\*\*\*



#### STATE DEPARTMENT OFFICIAL VISITS ATC

A visitor late in July was David H. Scull, training liaison officer, Technical Cooperation Administration, Department of State. He is shown at left in the Air Traffic Control training laboratory. Left to right are: John L. Sullivan, George Crowley, David H. Scull, and Jack Grewell.

\*\*\*\*\*

#### COLOMBIAN VISITS AIRWAYS OPERATIONS

On July 17 and 18, 1951, Julio Duran Pombo, a former student in the Airways Operations Branch, Foreign National Training Division during 1948 and 1949, visited the Aeronautical Center for a look around in his old haunts. Mr. Duran is now employed as Traffic Representative AVIANCA, the principal airline of Colombia, his native country.

Shown in the photograph from left to right are: George A. Crowley, Guy Forman, Julio Duran Pombo, Charles R. Myers, Robert Gardner.

Messrs. Crowley, Myers and Gardner were Mr. Pombo's instructors during his course of study at the Aeronautical Center.

\*\*\*\*\*





## REGIONS 8 AND 9 COMMUNICATOR PROGRAM SHOWS TRAINING TOTAL OF 546

As of August 1 a total of 546 aircraft communicators for Regions 8 and 9 have received training at Airways Operations Branch since the start of the program. The first five for Region 9 completed training in July.

Current classes total 49 men with 36 for Region 8, 13 for Region 9

### USAF Training

The 4th and 5th USAF Air Traffic Control classes, totaling 32 men, graduated on July 27. Classes 6 and 7, also comprising 32 men, began training on July 30. Beginning with the current classes, the USAF Air Traffic Control course is being lengthened to 10 weeks.

\* \* \* \* \*

## COUNSELLOR PLAN ADOPTED BY FACILITIES INDOCTRINATION AS AID TO MORALE

A plan for providing individual counselling for students of the Indoctrination School at Facilities Branch was recently adopted, according to A. D. Edgerton, chief instructor.

In Mr. Edgerton's words, 'Counselling has paid off - in improved student morale and performance. With the expanded program under way one of the older, wiser and more 'fatherly' instructors is appointed counsellor for each incoming class, the assignment to continue through the three months 'his' class is in attendance. Counselling is required for each case of failing grades, and is optional at the request of student or instructor.

Instructors Swinney, Scott and Wight are currently counselling Classes 24, 25, and 26 respectively.

\* \* \* \* \*

## SCOTT FIELD MEN VISIT FLIGHT INSPECTION AND FACILITIES BRANCHES

A party of nine men from the 3310th Technical Training Wing, Scott Airforce Base, Illinois, spent three days during the last part of July investigating the Center's training activities. They were conducted on informational tours at Facilities Branch by C. E. Gardner, chief of the branch.

At Flight Inspection they were shown instruction methods and test bench mock-ups for airborne flight inspection equipment.

\* \* \* \* \*

### SULLIVAN LEAVES

John L. Sullivan, Senior Air Route Traffic Controller from Atlanta, completed his detail to the Aeronautical Center on July 27.

## 20 CAA FLIGHT INSPECTION AIRCRAFT HAVE BEEN MODIFIED TO DATE AT AERO CENTER

When Beechcraft N-57 and Douglas DC-3, N-22, are delivered to Region 5 between now and September 1 there will have been a total of 20 CAA Flight Inspection planes modified and standardized at the Aero Center, under a program begun early last summer.

Since early this year an 'assembly line' operation in the hangar of Aircraft Standardization and in the shops of Flight Inspection has brought out 8 DC-3 and 12 Beechcraft ships, all polished and painted, mechanically and electronically fitted to uphold the exacting standards the CAA demands of its radio navigational aids.

On July 17 Sam Taylor and Sandy McBride, Region 3 Flight Inspectors, arrived at the Center to take back standardized Beechcraft N-56 and Douglas N-20.

Then on August 1 Mr. Bailey, Region 4 Flight Inspector, arrived to pick up Beech N-55.

Doug Doil, of Washington Flight Inspection, arrived on August 8 to pick up standardized Douglas N-21. J. C. Shimp, chief of the Center's Flight Inspection Branch accompanied him back to Washington to spend a few days conferring with Art Jenks, the Washington Division chief.

\* \* \* \* \*

## EVALUATION TESTS ON LVOR FACILITY AT WILL ROGERS FIELD COMPLETED

Engineers of the Technical Development and Evaluation Center at Indianapolis, including Glen Goudie, Technical Coordinator and William Murray completed tests on July 20 on LVOR facility installed east of the Aero Center hangar apron.

Range of operation is reported to be considerably extended over that of the similarly low power Terminal VOR.

The facilities of Flight Inspection Branch were utilized for making the evaluation tests. The VOR Data Processing Center made special analyses of flight recordings.

\* \* \* \* \*

### MAC GOES ON LEAVE

C. J. McGinnis, Administrative Services chief, left late last week for a vacation in Louisiana. We all hope that Mr. Mac enjoys his well-earned vacation.

\* \* \* \* \*





### RECRUITMENT OF COMMUNICATORS FOR ALASKA CONTINUES; LARGE CLASS GRADUATES

Above is a group of new Airways Operations Specialists (Communications) which has just completed training at the Aeronautical Center. These men are now on duty at various communications stations throughout the Territory of Alaska. (List of graduates appears on a later page).

CAA is conducting a vigorous recruiting program for Airways Operations Specialists (Communications) for employment in Alaska and the Pacific areas and Radio Maintenance Technicians for duty in Alaska. Every possible source of supply is being tapped with particular emphasis upon veterans' organizations. We find that approximately 95% of all persons appointed to these positions are veterans and obtained most of their qualifying experience in the military service.

It is our experience that one of the most attractive factors in overseas employment in either of these positions is the fact that the positions for which we are recruiting are not

'war baby' jobs and have not been necessitated by the present emergency.

All of us in CAA 'take off our hats' to the men and their families who accept appointment with us at our overseas stations. Regardless of modern conveniences, it is a big move and many things must be taken into consideration. Housing is probably our most acute problem. Prospective employees and those already appointed may rest assured that their Regions are exerting every effort to provide adequate housing at the earliest possible time.

Since the Aeronautical Center has only one man available for direct recruiting, every opportunity to 'plant a grapevine' is being seized. In many instances applicants who, themselves are not qualified, have referred qualified acquaintances to us. Likewise, if any of our readers know of persons who may be interested and available for overseas employment, we would appreciate having them referred to us. Our needs in Alaska and the Pacific area are critical.





#### **AIR TRAFFIC CONTROL MOVED INTO NEW QUARTERS IN BUILDING 25 ON JULY 27**

After months of planning and preparation the Air Traffic Control Section of Airways Operations Branch moved into new quarters in Building 25 on July 27. Location of the building is indicated by an arrow in left center of the photo above.

Six new laboratories have been designed and by September 1 will be ready for operation. Simulating operations of Tower and Center to an extent never before obtained in training devices the laboratories represent the engineering efforts of a score of Center instructors and technicians. In the designing and building of control tower mock-ups the assistance of Flight Inspection Branch was secured for construction of control panels, installation of switches and monitor lights and engraving of appropriate marking plates.

One of the new Airport labs and Air Route Labs has been completed and is currently being used. The new airport lab is a particular improvement over the previous one in size, equipment and communications facilities. The tower cab provides the same operating space as found in a standard tower layout. A three channel

#### **ADDITIONAL BUILDINGS ARE ADDED TO FACILITIES BRANCH AREA OF CENTER**

A two-story and an 'H' type building, shown by arrows in the lower right of the aerial photo above, have been added recently in the Facilities Branch area and will be ready for occupancy soon.

The double-decker will be used to supplement present space for classroom and laboratory of Distance Measuring Equipment training. A part of the upper story will be converted to instructor offices.

The 'H' type building will be occupied by the expanding Indoctrination School and will provide new quarters for the Dictaphone and Receivers courses. Indoctrination's present 'H' type building will be used solely for the Teleprinter and Teleprinter Equipment courses.

Pointing up the emphasis on increased training in the CAA is the expansion of the Facilities Branch which now includes the area marked by black lines in the photo above. All except one building of the lower row has been added during the past two years. Not shown are equipment buildings in other areas which house the laboratories for the Instrument Landing System Localizer, Glide Path and for the Visual Omirange.



## OU OFFERS TWO ENGINEERING COURSES THIS FALL AT WILL ROGERS FIELD

The University of Oklahoma is offering two courses of their Electrical Engineering curriculum to Center personnel this fall. One of these courses is a continuation of the program started in June of this year, and which is being participated in by over twenty men from the different branches of the Center. This new course is an Alternating Current Circuit Theory course and carries 5 hours credit. The class will meet at Will Rogers Field every Saturday from 8:00 AM to 12:20 PM.

The other course to be offered this fall is a course in differential calculus, and will meet Monday and Thursday evenings at Will Rogers Field from 5:00 to 7:00 PM.

Enrollment for these two courses will take place Wednesday, September 5 at 4:30 PM in Facilities Branch Building No. 10, located on Denning Street between 62nd and 63rd Streets, Will Rogers Field.

## FACILITIES BRANCH CONDUCTS CONTINUING INSTRUCTOR TRAINING PROGRAM

Instructors in the Facilities Branch have been participating in a training program since last April. The program is under the direction of C. W. Mueller, of the Radio Aids Section, assisted by Walter M. Hill, of the Radar Aids Section. Meetings are held weekly and discussions conducted on various teaching problems. The general plan of the program has been to cover learning and teaching principles from a practical, as well as a theoretical standpoint. The objectives have been to help all instructors whose actual teaching experience has been limited to better understand teaching problems. Subjects covered have dealt with laws of learning, principles of teaching, principles of making tests, grading systems, planning and administration of courses, and public speaking. For the benefit of instructors in some units who have not had the opportunity to study different facilities, the program during the recent weeks has been shifted to a facilities familiarization course. It is planned to cover all equipments being taught in the Facilities Branch briefly before the close of the program. Sometime in October the entire training program will start over in order to permit new instructors to participate. Those instructors who have participated this time have expressed their appreciation of the opportunity afforded and the value of the ideas learned in the discussions.

## TWO RADAR AIDS INSTRUCTORS ARE CALLED TO ACTIVE DUTY SOON

William Brown and Frank McFarlin, instructors in the Radar Aids Section - Facilities Branch are called for active military service early this fall.

Mr. Brown, who is chief instructor of the DME, will report to the U. S. Navy on September 22. Mr. McFarlin will depart October 21 for the U. S. Army.

## AIRCRAFT BRANCH ENTERTAINS

Walter L. Flinn, Service Engineer for Vickers, Inc., visited the Aircraft Branch on the first of August to renew old acquaintances. He was formerly a CAA Aviation Safety Agent and is now a Service Engineer for Vickers, who manufacture a considerable variety of aircraft hydraulic components. He seemed quite impressed with the progress which the Aircraft Branch has made since he attended indoctrination classes at the Center in 1947.

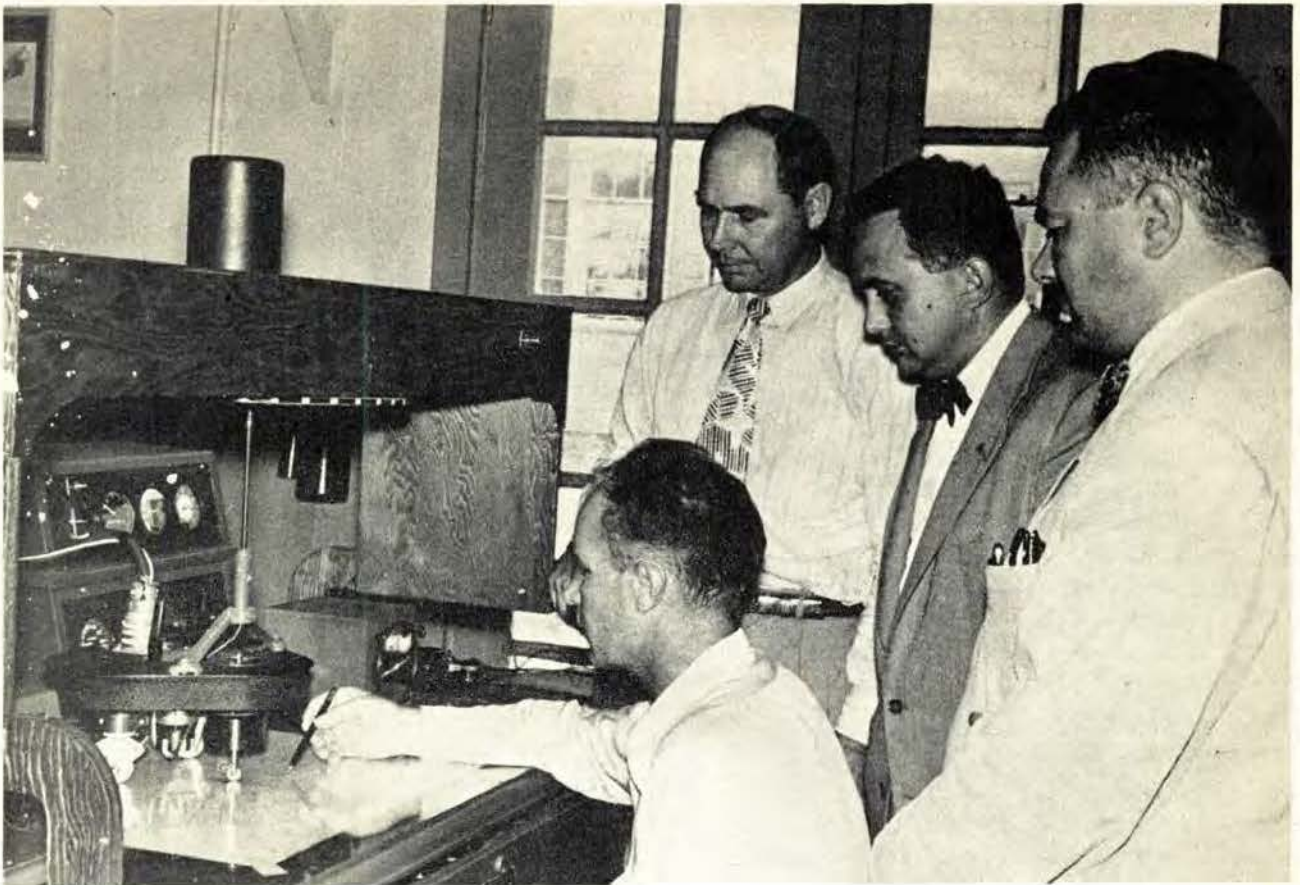
### From the Dept. of Agriculture

On August 3 the Aircraft Branch was visited by a group of U. S. Department of Agriculture men who are with the Aircraft and Special Equipment Center at Cimarron Field, Yukon, Oklahoma. This Center being established in connection with control of insects and diseases in agriculture. The group was led by Kenneth Messenger, who is in charge of the Center, and consisted of Arthur Gieser, Chief Pilot, Cornelius M. O'Connor, Norman L. Meyer, Val Mackiewicz, Roy M. Lamoureux, Agent Pilots, and John S. Riss, Agriculturist. Hope Biggers took them through the classrooms and laboratories of the Aircraft Branch to give them an idea as to what we do, as they were quite interested in what the functions of the Aircraft Branch are. It is their plan to cooperate closely with the Aeronautical Center in regard to agricultural aviation.

### Aid From Washington

Lloyd Stahl, of the Flight Engineer Certification Section in Washington, arrived August 6 to spend four weeks at the Aircraft Branch assisting in the execution of the B-7 course now in progress. This course is for Aviation Safety Agents and is titled Flight Engineer Certification. It is designed to assist the Agents in the certification and supervision of Flight Engineers in commercial aviation.





#### DEVICE SIMULATING A VOR FOR LINK TRAINING IS DEVELOPED BY JESSUP

The device shown was developed by Norman P. Jessup, Maintenance Technician, with the assistance of the Simulated Flight Training instructor personnel.

The VOR equipment consists of a modified course selector, to-from indicator and left-right indicator installed in the fuselage of the Link Trainer. On the desk is a canopy containing a rotating pickup disk, and four amplifiers. Additional equipment consists of a to-from indicator, left-right indicator and an antenna which is mounted on the automatic flight recorder.

The disk is coated with a special silver paint so that four separate conducting sections are obtained. Two of them furnish the left-right indications and the other two, the to-from indications. When the antenna on the automatic flight recorder is under the 'right' segment, a signal is transmitted to the 'left' amplifier and a 'fly left' reading is observed. Similarly, a 'fly right' signal is obtained when the antenna is under the 'left' segment. When the antenna is half-way between the two segments, an on-course reading results. The to-from signals are generated in the same

The disk referred to above is rotated by the student in the trainer by means of selsyn-type motors connected to the course selector. Thus, when the flight recorder is under the disk, its bearing to or from the VOR station can be determined by the student. As the recorder moves across the desk tracing the trainer's simulated flight, the instrumentation as seen by the student is the same as would be obtained on an actual VOR flight.

In the picture are Gordon Post (seated), Chief of the Simulated Flight Training Section, and left to right William D. Jones, Chief, Safety Operations Branch, Rubens Bordini and E. S. Peixoto, both officials of VARIG Airlines at Porto Alegre, Brazil.

.....

#### NEW MECHANICS AT AIRCRAFT SERVICES

Two new mechanics have joined the Aircraft Services Branch staff. They are Marion Wade, who comes from Amsterdam, Missouri, and Clifford Shannon, who is from Oklahoma City. We are glad to have them to work with us.

.....



# TO THE MAINTENANCE TECHNICIAN WHO ASKS, WHAT SHOULD I KNOW? AND WHAT WILL I FIND? WHEN I ATTEND ILS/VOR AT OKLAHOMA CITY

On the facing page are a group of photographs all taken very recently showing groups of men busily engaged in making tune-up adjustments or checking the operation of ILS Localizer, Glide Path and WHF Omni-range laboratory facilities of the ILS/VOR School at the Aeronautical Center.

Left column photographs were taken at the localizer facility and show Lab. Group B of Class 28 at work. They are P. J. Podolec, Region 1; C. T. Keith, Region 2; Leon Athey, Region 5; and W. R. Chittenden, Region 9. Right column top and center show men of Class 27: J. D. Costello (8); T. A. Gardner (2); G. A. Younghein (1); and M. M. Catron (2) at the VOR facility. At lower right are a group of Class 25 men checking the Glide Path facility. They are J. L. King (4); G. L. Malone (7); D. M. Baker (8) and G. W. Fariss (2).

Many men in the field wonder what it is like to be attending classes in ILS/VOR at 'Oke City'. Probably the most common question is, 'What am I expected to know when I begin the course?' Some months ago Math instruction was discontinued because an increasing number had either completed Directed Study, or had better background; the time could be better spent on other work. A technician should be thoroughly familiar with the principles of algebra and trig., should have a working knowledge of complex algebra and admittance, should know the basic principles of vacuum tubes. The Directed Study should prove very effective in meeting all needs in mathematics.

Is experience with ILS/VOR facilities necessary? This is NOT a requirement. Many students have entered training with no experience and have done excellent work.

How does a technician qualify for the course? There are two criteria used at present to determine this. First, if he has completed Directed Study Course 1, and second if he makes a satisfactory grade on a recent ILS/VOR screening examination. It should be mentioned that these screening exams are intended to serve as a guide to the man himself whether or not he qualifies.

What materials are needed at the school? No textbooks are required; however, a good reference book in mathematics and basic circuit theory may prove valuable. A good slide rule is a 'must' for the course (one having all log-log scales). Study material for the various courses

is furnished and becomes the property of the student. Graph paper is provided whenever needed.

Other questions concerning ILS/VOR training perhaps can be answered most easily by describing the course itself. The normal work day is from 8:00 AM to 4:30 PM. A total time of 13 weeks is required for completion of the training, with the time divided into four separate and distinct units. The first three weeks period is devoted to a study of radiation patterns and transmission lines. These two subjects are fundamental to a good understanding of all of the radio navigation facilities studied in ILS/VOR. Most of this work is done in the classroom; however, the transmission line course does include some laboratory work in which the student has an opportunity to put into practice some of the classroom theory which he has learned. Experiments included practice in measurement of standing wave ratio using the slotted line and stub-matching of an antenna to the transmission line.

The second period is ILS training for odd numbered classes following immediately after the first three weeks. Even numbered classes enter VOR training before going into ILS instruction. Two classes enter the ILS training period together for a six-week study of the Localizer and Glide Path facilities. In general, two hours per day are devoted to classroom work in each facility; four hours on alternate days devoted to laboratory work or to scheduled study. During study periods individual assistance from instructors is available.

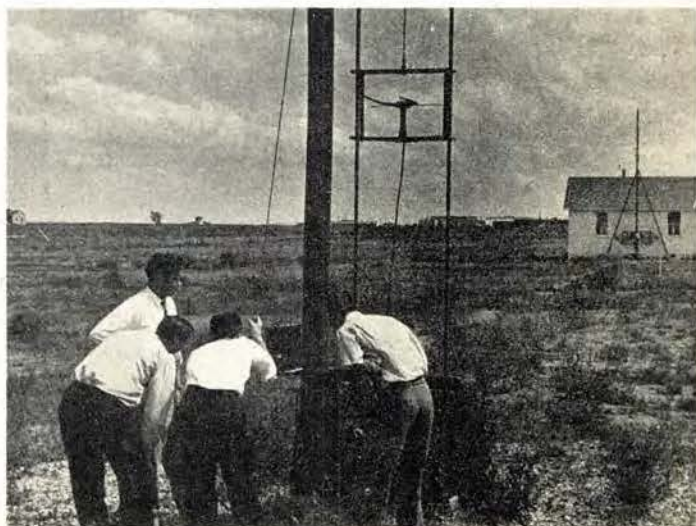
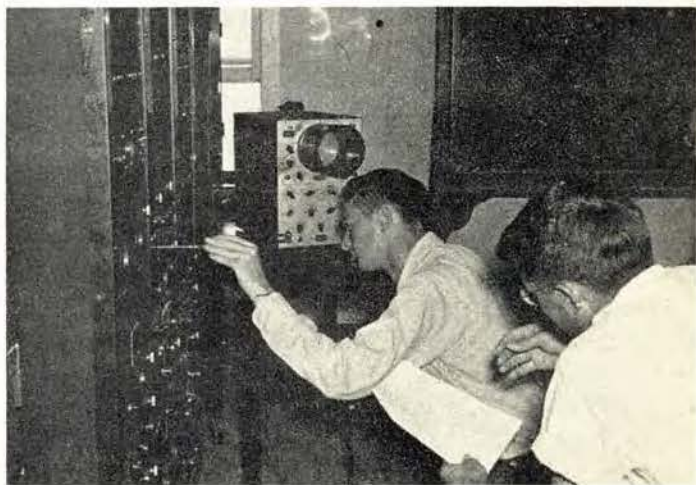
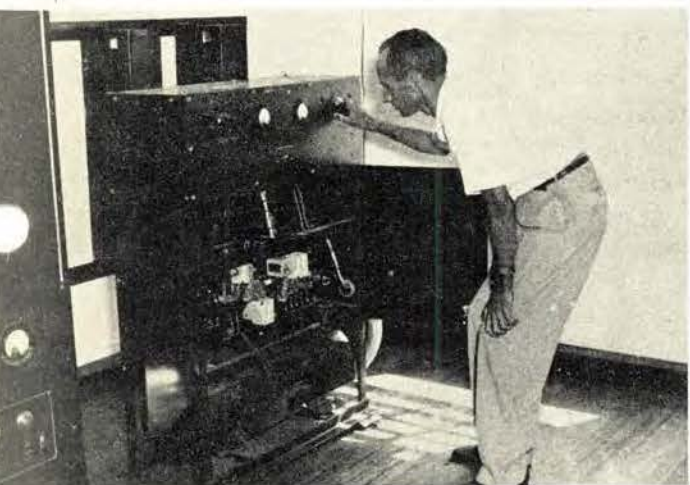
The VOR section of the course lasting 3 weeks also includes a second subject, coupled circuit theory. Here approximately four hours of each day are spent in the classroom, two for VOR instruction and two for Coupled Circuit Theory. The remaining four hours is spent in VOR laboratory or study periods on alternate days.

The fourth section of the course is devoted to Administrative Training and is offered only once in each thirteen week period. For one week all classes present are scheduled together.

Some Maintenance Technicians have acquired an erroneous idea concerning this training. The time is not devoted to a study of how to prepare the various forms used by Maintenance Technicians. One purpose of administrative training is to present information concerning other branches of the CAA so that the technician will have a better

(Continued on Page 13) MAINTENANCE TECHNICIAN  
TRAINING







### SWEARINGEN WILL GIVE LECTURE SERIES TO AVIATION SAFETY AGENTS

Arrangements have been made for J. J. Swearingen to give a one-hour lecture to each new group of CAA Agents reporting at the Center for all courses in Aviation Safety for Flight Operations, Airman, and the Engineering Flight Test Agents.

This lecture will be primarily concerned with explosive decompression and dangers of high altitude flying as it may affect the Agents in their work in the field. The first of the series was given to a group of approximately 15 Agents on Monday August 6.

.....

### VISITORS FROM THE FAR SOUTH

Rubens Bordini, Chief, Training Department, and E. S. Peixoto, Chief, Communications, of VARIG Airlines at Porto Alegre, Brazil, visited the Aircraft Branch on August 9. The purpose of this visit by the VARIG representatives was to observe the methods and facilities of the Aircraft Branch so that they would be better able to plan and organize a school of that nature in Brazil.

.....

### GUY FAULKNER RETURNS

The Aircraft Branch is happy to report that Guy Faulkner returned to his desk on August 13. Guy had an operation and had almost recovered when the flu bug caught him, which meant he was away quite a while. It's good to have you back, Guy.

.....

### BUDGETS & ACCOUNTS MOVES AROUND

'Payroll' is a little farther away now. If you need anything, you'll find Mildred Garrett and Flora Joslin in the room previously occupied by Frank Deane. J. E. Bailey, Auditor and Kay Brown, his assistant, have assumed the old payroll space.

Madeline Quillin was loaned to Budget & Accounts for the past two weeks.

Kay Brown has returned to work after a month leave of absence.

.....

### BETTY MERSHON BEARD ON 'LEAVE'

Mrs. Willadra Beard, secretary in Mr. Lanter's office, is on maternity leave to await the stork, who will pay her a visit in December.

.....

### PMD MECHANIC LOUIS JACKSON COMPLETES DIESEL ENGINEERING COURSE

Louis Jackson, general mechanic for PMD, recently completed 120 hours of laboratory shop work at the resident school of Utilities Engineering Institute, Chicago, Illinois.

The course offered by this institute required correspondence lessons to be completed which normally cover a period of two years of home study. The necessary home assignments were completed by Mr. Jackson, and he recently completed their resident requirements of 120 hours shop practice. The course of study covered the fundamental concepts of diesel engines through the more complex measurements and adjustments necessary to maintain or repair large diesel engines and diesel operated equipments.

The 120 hours of shop required that Mr. Jackson be in Chicago for approximately three weeks.

.....

### EISENBACH DEPARTS WITH NEW SON

Marvin E. Eisenbach, formerly Facilities Radar Aids Section chief departed on August 13 for Seattle, where he assumes his new position of Supervisory Electronic Engineer. Shortly before their departure, the Eisenbach's became parents to a new son, Roy Allen.

.....

### NO NECKTIE

From the Indoctrination School: Attention Mr. Gardner.

Outgoing Class 23 advised us our best appearing instructor did not wear a necktie to class! (The instructor is Mrs. Benson in First Aid classes).

.....

### CROWLEY ON SOUTHERN TRIP

George Crowley will leave August 20 to return to Jacksonville, Florida, to complete his transfer to the Center. On August 22, Mr. Crowley will stop at Keesler Field to discuss training methods and August 23 to August 31 he will make a familiarization trip to the New Orleans Center to study Air Route Traffic Control and will be due back at the Aeronautical Center about September 3.

.....



## FIVE NEW COMMUNICATIONS INSTRUCTORS ARE ADDED TO STAFF AT AIRWAYS OPERATIONS

During the past month five new communications instructors have joined the staff at Airways Operations Branch for the expanded 8th and 9th Region training program.

Stuart G. Williams transferred July 22 from the position of Communications Specialist in Region 8. He had in 1947 been an instructor on a temporary basis.

Arriving also on July 22 from King Salmon, Alaska, was Don H. Church. He left the position of Station Manager.

From Honolulu came John R. Kennedy on August 5. For several years he has been associated with communicator training in Honolulu, and on Wednesday of this week he returned from a trip to Hawaii bringing his wife back with him.

Richard B. Collier arrived August 5 from a position as Senior Aircraft Communicator at the Seattle-Tacoma ACS. He is a graduate of the University of Washington and has had several hundred hours of flying experience.

## AIR TRAFFIC CONTROL *(Continued from Page 7)*

'transmitter-receiver' has been provided for communication between the controller and the 'aircraft' being simulated by the students.

A new class of foreign students is expected sometime in October and at the present time a class of thirty-two Air Force officers is undergoing a ten-week course. Within the near future it is expected that a new class of Air Force officers will begin training every five weeks making a total of sixty-four Air Force officers being trained at one time, in addition to the foreign students' training being conducted.

## TEMPORARY INSTRUCTORS

Temporary instructors in the Safety Operations Branch teaching airman and flight operations courses are Donald J. Stoeger, Region 5; Doyle A. Johnson, Region 4; and William B. Perry, Region 6.

## MAINTENANCE TECHNICIAN TRAINING *(Continued from Page 10)*

understanding of the overall CAA program. Officials from other branches are asked to speak on various phases of their work and usually a representative from the Washington Office is present to speak on subjects as future planning for the navigational aids system. Leadership training is another very important part of administrative training. During this week there is always an opportunity for the technician to ask questions and obtain information concerning the Civil Service Retirement System, Civil Service Regulations, how to improve writing of Form 57's and the like.

The physical plant used for ILS/VOR consists of four classrooms, one study room, transmission line laboratory and a laboratory building for each of the three facilities. With the present laboratory facilities each student spends approximately 22 hours working with each equipment. This time is divided into five 'experiments' where the student receives instruction in operation and adjustment of the equipment. When all experiments have been completed each student is given a 2-hour performance test. These performance tests are given on an individual basis and the student is 'on his own' in making the required adjustments for tuning up the facility. At the end of each laboratory course each student submits a laboratory report on the work performed. These reports are criticized by the instructors in order that the student may be better prepared to submit similar reports to his regional office when necessary.

It should be mentioned that equipment is already being received to double the present laboratory facilities so that each student may have more time working with the actual equipment.

The three facilities courses are kept up to date and are constantly revised to include the latest available information on procedures, modifications and new equipment.

Anyone desiring additional information is invited to address a request to the Facilities Branch, AC-636, Aeronautical Center.



## WOMEN'S TRANSCONTINENTAL AIR RACE CONTESTANTS LAND IN TULSA

During the weekend of August 17, 18 and 19, several contestants in the Women's Transcontinental Air Race, which is sponsored by the Ninety-Nines, Inc., international organization of women pilots, landed at Tulsa Municipal Airport for refueling. They were greeted by members of the Tulsa Chapter and Oklahoma Chapter of the Ninety-Nines, and reporters and photographers of the Tulsa World. Ann Martin, General Services Branch, is secretary of the Oklahoma Chapter and was on hand at Tulsa for the occasion.

Six planes landed Friday, and six planes landed Saturday, for refueling, among them a Cessna 140A with pilot and co-pilot, Swift 125 with pilot, Cessna 120 with pilot and co-pilot. Piper Cub with pilot and co-pilot, Piper Cruiser with pilot and co-pilot, and Piper Vagabond with pilot.

The planes participating in the race were handicapped according to manufacturer's advertised speed, and flying time counted from clocking out at the airport, and clocking in at the next. Gas stops could be made only at certain designated airports.

The course was from San Diego and terminated at Detroit, and among the stops authorized between were El Paso, Fort Worth, Tulsa, Kansas City, and Springfield. Many of the contestants were by-passing Tulsa and taking advantage of a strong south wind to make Kansas City and Springfield. The heavier aircraft with auxiliary tanks could do this easily.

All contestants to be eligible, were required to be in Detroit by Sunday, August 19, and some of the girls after developing engine trouble along the way, were pushing hard to meet the deadline.

## GOOD NEWS FOR ODESSA HUGHES

Mr. & Mrs. Vernon Hughes (Odessa works in the Aircraft Services Branch) took their daughter to the Scott-White Clinic at Temple, Texas, for an examination. They brought back good news. Cheryl doesn't have to have an operation now.

We like their modes of transportation. They went down on the Texas Chief, came back half way on the bus, and from Dallas to Oklahoma City on the plane.

## NOTES FROM FACILITIES INDOCTRINATION SCHOOL

Hot weather!!!!!! It hits hard for students from mountain and northern states. The Texas students are not bothered.

New instructor Hannan very seriously and meticulously delivering his maiden lectures. Instructor Chapman lecturing on Dictaphones with the vehemence and fervor of a tent evangelist.

The dictaphone class working under hardships of equipment shortage - the Navy has a lower ID number.

New instructor Hoffer from the 9th Region - abandons 'Hula Shirt'. Is assigned to teach transmitters.

Instructor Robert Swinney on military leave two weeks. Instructor Zuhn takes over the teletype (oh, pardon, our slip shows) we mean Teleprinter Equipment Course.

Instructor Nash planning a two-week vacation starting August 27. The chimney on the Nash residence exploded - we mean the bricks flew all over the neighborhood when hit by lightning the morning of August 17.

All Indoctrination instructors looking forward to the arrival of newly appointed instructors - Foster from Region 6 and Barrett, Region 3.

The Ninth Region has sent us a student, James F. Saunders. They had not to send him very far, since he was recruited in Ok. City.

## SAFETY OPERATIONS BRANCH NEWS

Alden C. Barnard, Flight Operations Specialist (Instructor) transferred August 18 to Region 9 to the R.O.

T. K. Arthur, Chief, Airman Standards Section, recently returned from a two-weeks' tour of temporary duty in the Seventh Regional Office, Seattle, Washington.

Melvin L. Mitchell is on two-weeks' military duty with the U. S. Air National Guard.

Among those sporting new automobiles is T. K. Hutchins, Airman Standards Specialist (Instructor) with a 1951 Chrysler, and Roy Speakes, Simulated Flight Training Instructor with a 1951 Nash.

D. Gordon Post, Chief, Simulated Flight Training Section, is presently enjoying a two-weeks' vacation.





### VISITORS

- July 25 - George Waller, former instructor in Foreign Nationals Training (on leave from Germany) visited F. M. Lanter and Airways Operations personnel.
- Aug. 9 - Rubens Bordini, in charge of training, and Erni S. Peixoto, Chief, Communications Department, both of VARIG Airlines of Brazil, S. A., visited the Center.
- Aug. 13 - Col. Anthony Hunter and his aide, Captain Keene, of Tinker Field, spent some time with Mr. Lanter.

### WELCOME TO NEW EMPLOYEES

July 19 through Aug. 19, 1951

- Ronald W. Pulling - Transferred from Region 9 to PMD
- Richard B. Collier - Transferred from Region 7 to Facilities Branch
- Howard McKinley - Transferred from Region 6 to Facilities Branch
- Ellard W. Foster - Transferred from Region 6 to Facilities Branch
- Deedee Barker - Facilities Branch
- John R. Kennedy - Transferred from Region 9 to Airways Operations Branch
- Joseph T. McFarlin - Transferred from Region 9 to Airways Operations Branch
- Stuart G. Williams - Transferred from Region 8 to Airways Operations Branch
- Don H. Church - Transferred from Region 8 to Airways Operations Branch
- Marion F. Wade - Aircraft Services Branch
- Clifford Shannon - Aircraft Services Branch

### NEW EMPLOYEES (Continued)

- Charles R. Phillips - General Services Branch
- Billy M. Thompson - General Services Branch
- Bertha M. Lackmann - From Fed. Nat'l. Mortgage Association to Supplies & Services
- Allene Davis - Technical Assistance Division
- Arlie R. Kelly - Aircraft Standardization Project.

### GOODBYE TO FORMER EMPLOYEES

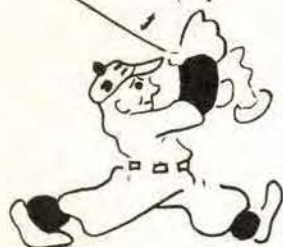
- Alden C. Barnard - Transferred to Region 9 Safety Operations Branch
- William F. Edwards - Transferred to Region 5 Facilities Flight Inspection
- Marvin E. Eisenbach - Transferred to Region 7 Facilities Branch
- Charles Wallace - Facilities Branch
- Joe D. Owen - Facilities Branch
- Nathan L. Lee - Facilities Flight Inspection
- Marion R. Sturdy - Facilities Flight Inspection
- Owen C. Comer - Project Materials Division
- Mabel LaCroix - Airways Operations Branch
- Ulysses G. Moore - General Services Branch
- Loring G. Craymer - Transferred to Region 2
- Virgil Holden - Transferred to Region 6
- H. C. Westcott - Transferred to Region 6

### RECEIVING PERMANENT STATUS

Congratulations are in order for those Aeronautical Center employees who received conversion to permanent status under Executive Order 10157. This order provided that employees who had served two continuous years in competitive Federal service as of August 28, 1950, could be recommended for permanent status. Since our recommendations were submitted to the Civil Service Commission last November, we know these employees have been anxiously awaiting the 'the day'.

- Loring G. Craymer
- Richard G. Erwood
- Johnny F. Holden
- Russell R. Kiggins
- Robert W. Spear
- Raymond C. Matthews
- Hanson C. Westcott





## BASEBALL NEWS

### CAA TRANSPORTERS CLOSE SEASON

In games played recently, the CAA Transporters won over the Pleasant Valley Baptist Church 16-2 and won over the V.A. Hospital 11-9, both games played at Will Rogers Field. The Transporters lost to the V.A. Hospital 2-4, even though the Transporters had 6 hits and the V.A. Hospital had 4 hits, the V.A. Hospital was hitting where it counted the most.

Murphy and Elliott have been doing the pitching this season, with Appling and Skidmore doing the catching. The other players are DeLong, Glasgow, Ruof, Dikes, Randell, Penner, Hejna, Meyers, Wham, Dennis, Kirby, and Dodge.

The regular season ended August 16, but the Transporters will be playing post-season games as long as possible. August 22nd, there is a game scheduled with the Air National Guard to be played on Will Rogers Field, and possibly the next week a game will be played with the Pleasant Valley Baptist Church, also on Will Rogers Field. In the near future, the Transporters will play the Mustang team at Mustang.

### LADIES BOWLING ORGANIZED

In our Bowling news we would like the girls to know there is a new Women's League starting at Brantley's Bowling Aileys on Thursday evenings. If you are interested, contact Asis and she will see that the organizer contacts you. There are a lot of new bowlers joining the Women's International Bowling Congress (W.I.B.C.) this year. We know you don't want to give up bowling once you become interested in it. Besides the fun we have in our leagues bowling once a week, there will be State Tournament which begins the first weekend of March in Blackwell, Okla., and our National Tournament April 24 in St. Louis. Whether you place or not, it's always a lot of fun. We can't start at the top and it takes

## AERO CENTER RADIO AMATEUR CLUB INVITES NEW MEMBERSHIPS

The Aeronautical Center Amateur Radio Club has established a regular schedule of monthly meetings, to be held at 8:00 PM of the first Friday of each month. Each meeting will have varied activities such as a technical film, a technical talk, operation of station WSPAA, and refreshments. With the wealth of technical ability possessed by the personnel of the Aero Center, there should be no shortage of qualified speakers.

With the club on an active basis any CAA employee of the Center who has an interest in amateur radio is eligible to apply for membership. Encircle the date of the next meeting on your calendar, Friday, September 7, and plan to attend. Dues are a nominal 50 cents a year.

### A YEAR AGO IN THE BEACON

- \*Center instructors finish special teacher training course.
- \*John Temte joins Aircraft Branch.
- \*First Facilities DE class begins.
- \*C. W. Mueller moves into new home and buys a new Plymouth.
- \*Hattie Reeder loses her handbag one night.
- \*Bernice Reed comes to Facilities.
- \*Elwyn Rowe and Mr. and Mrs. Stew Fraker tour to California.

### ON LEAVE

Several ATC instructors are on their vacation at this time. Jack Grewell is taking a three-week vacation at Hugo, Colorado. Robert Riedel is spending his two-week vacation between the states of Colorado and California.

### THANKS A MILLION

Paul Shively wishes to thank everyone for the moral support and the cards sent Paul Raymond during his siege of polio. Paul Raymond will be home by the time this gets in print - thanks a million!

### WANT AD

1944 Indian Motorcycle. New tires, motor, transmission. Save your car, ride this one. 99-3632. Grover Mattix, 6012 N. W. 35.



## STAG PARTY AT RUDASILL'S RANCH

A stag party was held at Rudasill's ranch for employees of the Flight Branch and the Aircraft Services Branch. Rudy's specialty, barbecued chicken, was served along with all the trimmings. They report only soda pop was left after the party, and a good time enjoyed by all.

## EASY READING FROM FLIGHT INSPECTION'S INIMITABLE LOIS BODINE

Tex Wilborn, of the Flight Inspection Branch, has just returned from his annual vacation trip to Roswell, N. M. (incidentally, each summer when he makes this annual trek, it rains, which is just about the only time during the year that it does). Next year he expects the Roswell Chamber of Commerce to submit a bid for his vacation period - a profitable one, of course. Tex returned home sooner than expected due to complications of a wrenched knee which occurred last spring while playing ball with the CAA Transporters. After consulting a doctor, it appears that an operation will be necessary.

Art, I heard a joke:

It seems Mandy had just produced a brand new little chocolate drop. An inquiring neighbor asked what she named the new arrival.

'Onyx, for short' says Mandy.

'For short? Because he's so black?'

No. Onyxpected!

And now, Art, if there is any more news in Flight Inspection for the balance of the month, you'll have to tell me, cause here I go on vacation myself. For two weeks I'll be cooling my feet in the clear, fresh streams of the colorful Ozarks as the travel folders remind me each night. I'll be eating nice fat trout for breakfast (Egad! Perish the thought!) and I shall return to my labors here at the AC bright and fresh from this trip after having suffered only a bad case of poison ivy (it happens to me every summer) and possible ptomaine, a few mosquito bites, and sore muscles? from teaching my youngest to ride a horse. I'm looking forward to a wonderful time.

## TOO HOT TO GO FISHIN'?

Our fishermen tell us it's much too hot to go fishing, consequently, no fish stories from General Services Branch.

## 'RELAXIN' AT FACILITIES

- 17

Jim McCown is 'cooling off' at work since his return August 13 from a 'hot' time in the state of Texas.

Ye Ed, returned the same date from a trip 'home' in Colorado. Biggest trout was a 14-inch caught by son, Larry, on a grapper. Dad got the next biggest, a legal 7-incher.

Ken Jenkins is currently on 3-weeks vacation at Carlsbad and points west.

Jake Cupp is spending a few weeks vacation working engineering problems. He may have gone to K. C. this week, I don't know.

Pat Lindsey hated to go, but someone finally convinced him he needed a vacation. So, he went and took his wit with him.

## AVA DOES IT AGAIN

Ava has taken another one of those wonderful vacations. This year it was to Eureka Springs, Arkansas. Imagine taking a vacation and wearing shorts and halter or a bathing suit most of the time. The trip and reservations were made through Rainbow Tour and each day was planned. There were tours to be taken, hayrack rides, parties, swimming. Almost anything you wanted to take part in was your privilege. Anyhow, Ava tells us she had a wonderful time. There were three friends who made the trip with her and all were of the same opinion. It's a marvelous spot for a vacation.

## MORE GSB VACATIONERS

Pappy Lower is on leave visiting his Colorado haunts again.

Wilbur Lymnis on 2-weeks leave and could be he'll bring back a good fish story for next issue.





- 18 - AVIATION SAFETY

Course B4-14-Airline Transp. Pilot Cer. Ref.

8/6 - 8/31/51

Cornwell, Charles R.	Milwaukee, Wis.
Garrison, Odel	Charlotte, N. C.
Leckie, James A.	Oakland, Calif.
Reed, Alfred C.	Okla. City, Okla.

Course B6-21-Type Rating on M-E Equipment

8/6 - 8/17/51

Boyle, Merritt D.	Kansas City, Mo.
Doster, John H.	Billings, Mont.

Course C2-43-Air Nav. Aids & Oper. Ref.

8/6 - 8/17/51

Burrow, Glenn H.	Dallas, Texas
Coulter, A. L.	Washington, D. C.
Foster, Roscoe D.	New York, N. Y.
Haley, S. D.	Boston, Mass.

Course D1-21-General Flight Ref.

8/6 - 8/17/51

Griffin, Johnny E.	Fort Worth, Texas
Shumate, Joe T.	Kansas City, Mo.

Course 52A-Flight Engineer Certification

8/6 - 8/31/51

Penn, H. G.	Region 2
Prey, R. I.	Region 2

Course A10-12-Flight Testing Fund. & Aircraft

Limit. 8/13 - 8/24/51

Irish, John P.	Miami, Fla.
Merritt, Leslie R.	Atlanta, Ga.

Course B2-11-Instrument Ratings

8/13-9/7/51

Clerk, L. J., Jr.	Helena, Mont.
Enderton, Otto	Albany, N. Y.

Course B5-22-Airline Transport Pilot Cer. Ref.

8/13 - 8/24/51

Cornehl, Rudy F.	El Paso, Texas
Foster, Henry S.	Memphis, Tenn.
Haley, Olin K.	Fort Worth, Texas
Ireland, Geo. W.	Kansas City, Kan.

ARRIVALS

Indoctrination Training Class No. 26

8/13 - 11/2/51

Region 1-Hinson, F. S.	Roanoka, Va.
Salamon, S. H.	Albany, N. Y.
Stansberry, C. L.	Washington, D. C.
Steinbroner, G. P.	Elmira, N. Y.
White, Samuel R.	Washington, D. C.

Indoctrination Training Class No. 26 (Cont'd.)

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 4-Centanni, John W.	Kemmer, La.
Crowder, Ben S.	Slidell, La.

Region 5-Coburn, D. F., Jr.	St. Louis, Mo.
Crown, Charles E.	Casper, Wyo.
Hay, Gerald F.	Garden City, Kan.
Turnby, Roy H.	Denver, Colo.

Region 6-Hanich, Frank	Inglewood, Calif.
Hosler, V. I.	Ogden, Utah

Region 7-Smith, A. J.	Great Falls, Mont.
Wright, C. C.	Seattle, Wash.

Region 8-Bray, Frank E.	Anchorage, Alaska
Farish, M. L.	" "
Ledbetter, Noel W.	" "
Murvine, M. E.	" "
Stewart, Marion W.	" "
Tingle, John E., Jr.	" "
Williams, Jimmy R.	" "
Dennis, Chester B.	" "
Burgess, Carl E.	" "

ILS/VOR Class No. 29-7/23 - 10/19/51

Region 2-Birkley, Ben	Savannah, Ga.
Stephan, K. F.	Mobile, Ala.
Region 4-Hughes, W. C.	Dallas, Texas
McCaghren, R.M.E.	Brownsville, Texas
Region 6-Dolan, Geo. F.Jr.	Los Angeles, Calif.
Townsend, Carl E.	Douglas, Ariz.
Woodruff, H. E.	Oakland, Calif.

Region 7-Roseborough, Russel	Medford, Ore.
Int. Reg-Alorda, Juan Jose	Lamsa, Mexico, D.F.
Region 8-Hendricks, Howard	Anchorage, Alaska

ILS/VOR Class No. 31-8/13 - 11/19/51

Region 1-Turney, Otis P.	Providence, R. I.
Region 2-Clark Wm. G.	Graham, Tenn.
Ritchey, H. E.	Ft. Myers, Fla.
Wright, Moses	Knoxville, Tenn.
Region 3-Hayden, J. C.	Lexington, Ky.
Horton, H. V.	Duluth, Minn.
Region 4-Shelby, V. L.	Monroe, La.
Sturgeon, John I.	Texarkana, Ark.
Region 5-Hempt, F. E.	Denver, Colo.
Bannister, Robt.	Denver, Colo.
Region 6-Raymond, Garold E.	Pescadero, Calif.
Region 7-Murry, Warren E.	Billings, Mont.



## DEPARTURES

### Indoctrination Training Class No. 23

5/21 - 8/10/51

Region 1-	Beck Pearson H.	Reading, Pa.
	Bradsher, James S.	Stovall, N. C.
	Galpin, Robt. A.	Rochester, N. Y.
	Haskins, R. J.	Syracuse, N. Y.
	Heberlein, A. S.	Erie, Pa.
	Heindel, C. L.	Reading, Pa.
	Kidd, T. L., Jr.	Portsmouth, N. H.
	McQueen, John W.	Evans City, Pa.
	Martin, D. D.	Glenolden, Pa.
	Oswald, Stanley	Schnecksville, Pa.
	Tomaquindici, J. P.	Philadelphia, Pa.
	Troppman, Dan A.	Pittsburg, Pa.
	Trow, Donald	Erie, Pa.
	Zubler Robt. A.	Buffalo, N. Y.
Region 2-	Melton, T. H.	Jacksonville, Fla.
	Wright, Moses C.	Shamrock, Fla.
Region 3-	Fortunato, Nick	Chicago, Ill.
	Holmlund, E. N.	Bridgeport, Ind.
	Straube, E. G.	Chicago, Ill.
Region 4-	Lasater, Milton	Haslet, Texas
Region 5-	Johnston, John F.	Springfield, Mo.
	Platner, Frank A.	Altus, Okla.
Region 6-	Harris, Riley B.	Los Angeles, Calif.
Region 7-	Ichikawa, Thomas	Walla Walla, Wash.
Region 8-	Appleberry, James	Anchorage, Alaska
	Longman, C. L.	" "
	Ranspot, J. W.	" "
	Wetzel, Rowland	" "

### ILS/VOR CLASS NO. 26-4/23 - 7/20/51

Region 2-	Fariss, Geo. W.	Tullahoma, Tenn.
	Moore, B. G., Jr.	Pensacola, Fla.
Region 3-	Hill, Ralph J.	Freeland, Mich.
Region 4-	King, James L.	Sulphur Springs, Texas
	Thompson, J. W.	Salt Flat, Texas
Region 5-	Beasley, Geo. E.	Cheyenne, Wyo.
Region 6-	Rotramel, W. T.	Clearfield, Utah
Region 7-	Malone, Geo. L.	Helena, Mont.
Region 8-	Baker, Donald M.	Fairbanks, Alaska
	Snyder, James V.	Anchorage, Alaska

### ILS/VOR Class No. 27-5/14 - 8/10/51

Region 1-	Youngheim, G. A.	Parkersburg, W. Va.
Region 2-	Catron, Marvin M.	Chattanooga, Tenn.
	Gardner, T. A.	Meridian, Miss.
Region 4-	Beers, Jack S.	Fort Worth, Texas
	Neubauer, C. A.	Tulsa, Okla.
Region 8-	Barton, Jack C.	Anchorage, Alaska
	Costello, James	" "

## DEPARTURES

19

### Aircraft Communicator Class C-79

<u>Name</u>	<u>Station of Assignment</u>
John E. Barnes	Fairbanks, Alaska
James W. Burns	Anchorage, Alaska
Philip F. Chatlain	King Salmon, Alaska
Charles O. Cole	Nome, Alaska
M. K. Davenport	Anchorage, Alaska
Charles W. Edwards	Juneau, Alaska
William R. Ice	Kodiak, Alaska
Frank Jackson, Jr.	Iliamna, Alaska
John C. Kelly	Bettles, Alaska
James F. Kuykendall	Fairbanks, Alaska
Donald W. Moyer	Moses Point, Alaska
Parks E. Nance	Anchorage, Alaska
Frank W. Povalac	Fairbanks, Alaska
Jesse D. Senff	King Salmon, Alaska
Warren G. Williamson	Juneau, Alaska
Clyde A. Winters	Anchorage, Alaska

This is the 79th graduating class since the training was begun at the Center.

### Class C9-1

Frederick A. Stolz	Honolulu, T. H.
Paul H. Myers	" "
Judson S. Munsey	" "
Joseph M. Martin	" "
Robert P. Luerson	" "
Ben H. Fancher	" "
Lloyd P. Bowman	" "
Paul Baker	" "

### Class C-80

Curtis C. Dyer	Anchorage, Alaska
Jack A. Richards	" "
Charles M. Butler	Bethel, Alaska
Rolf W. Cramer	Galena, Alaska
Arthur A. Imhoff	Nome, Alaska
Billie Taylor	King, Salmon
Ronald V. Woods	Fairbanks, Alaska

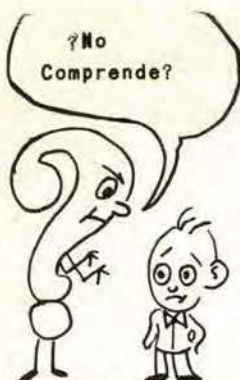
## THANKS FOR THE FLOWERS

I wish to thank all of you for the beautiful bouquet of gladiolas which the Employees Association sent to me during my recent hospitalization. *Sincerely, Gay Faulkner*

Mary Ott (wife of John Ott, Facilities) wishes to thank the Association for the beautiful flowers sent her during her recent illness.

Bill Merrill just returned from annual leave, but said his work at home was much harder on him than at the field. Doesn't sound like a vacation does it. GSB.





Spending a night in an Amarillo hotel, a tourist asked the hotel clerk, "What do you have of unusual interest in your city?"

"Well," the clerk said, "We have the only helium plant in the world."

"Really," the tourist gasped in surprise, "and is it in bloom now?"

She: "I'm entered in two contests - one for the most beautiful back, and the other for the most beautiful bust."

He: "My, aren't you excited?"

She: "Yes. I just hardly know which way to turn."

When a girl tells a fellow she's a perfect 36, he should grasp what she's talking about.

Son: "Dad, I'm in love with a girl."

Dad: "You couldn't have made a better choice."

The college boy caught his roommate making love to his fiancée. There was a moment of embarrassed silence and then he said:

"I don't mind your necking my girl, but take your hand off my fraternity pin."

Young man to psychiatrist: "The trouble with me, sir, is that I'm from Texas and ashamed of it."

A fly and her daughter were walking on a bald man's head - The mother turned to her offspring and said: "My dear, when I was your age, this was only a footpath."

"I know a place where women don't wear anything-- except maybe a string of beads once in a while."

"Holy Gee, where?"

"Around their necks, stupid."

An amusing sight is an absent minded nudist striking a match.

"When youth calls to youth, they usually tie up the phone for a couple of hours."

Joint bank accounts

Have one slight flaw,

Ma always beats

Pa to the draw.

Hotel Guest: (discovering a pair of nylons in his dresser drawer);

"Here boy!"

Bell Hop: "Yes, sir!"

Guest: "Take these out and get them filled."

Patient: "I'm having trouble supporting my wife."

Surgeon: "You don't know what trouble is. Try NOT supporting her!"

*He who laughs last is looking for the double meaning*

What's so rare

As a day in June?

---A married lady

Forgetting a payday!

*Bachelors are men who believe 'tis better to have loved and lost*

First Moron: "You have your shoes on the wrong feet."

Second Moron: "But I don't have any other feet."

Perhaps the situation on scarcity of men's clothes is more drastic than we think. Recent headlines of a large metropolitan daily read. "Railway President to Testify in Union Suit."

A boy's voice changes at adolescence; a girl's when she answers the phone.

The man chased the train to the end of the platform, but failed to catch it. As he walked slowly back, mopping up his brow, an onlooker remarked: "Miss the train?" "Oh, not much," was the reply. "You see, I never got to know it very well."

A Des Moines milk company has this legend on its trucks: "Our cows aren't a bit contented-- they are anxious to do better."

A convalescent sailor in a Navy hospital was ordered to take a sherry flip each morning. The day following the prescription the attending surgeon inquired how he had enjoyed the concoction. The sailor grinned. "Well," he replied, "I won't complain, but if the egg had been as new as the sherry and vice versa I would have enjoyed it more."