

CAA AERO CENTER



BEACON

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

April 18, 1951

OKLAHOMA CITY, OKLA.

Vol. 88, No. IV

AVIATION SAFETY BEGAN INDUCTION TRAINING APRIL 16 FOR THIRTY-FIVE MEN

The first group of new Aviation Safety Agents to be employed since early in 1948 reported to the Aeronautical Center for Induction Training on April 16, 1951. The class of 35 Aviation Safety Agents will attend a six-weeks orientation and induction course. The first two weeks training consists of overall orientation in CAA policies, procedures and practices, and will be conducted by K. R. Aldrich and H. B. Pickering of the Washington Office. The remaining four weeks will be conducted by instructor personnel of the Aviation Safety Division, devoted to indoctrinating them in the policies and procedures of CAA and Aviation Safety and the techniques of their specific assignments.

A second Induction Class of approximately 35 new Agents is tentatively scheduled to begin May 14, 1951.

New employees attending these classes are hired by the various regions and will be returned to them upon successful completion of their indoctrination training, for assignment to various offices in their respective regions. Names and respective regions will be found on a later page.

FACILITIES DIRECTED STUDY ISSUES RADAR FUNDAMENTAL COURSE II

Facilities Directed Study Section mailed out 64 sets of the first three lessons in the Radar Fundamentals Course II last week to CAA field personnel. Enrollment in Course II presupposes a knowledge of the principles as presented by the Directed Study Course I which deals primarily with mathematics.

John C. Straiton, Directed Study Chief, stated last week, 'We would like to correct what appears to have been an erroneous impression created by the story in last month's BEACON. There is no fixed date upon which a student must enroll. The Directed Study Section will be glad to enroll students at any time in either of the two courses presently being offered.'

A very recent compilation of enrollments shows that as of January 1 of this year there were 1327 men enrolled in Course I. Of these, 245 enrollments were dropped because of delinquency. This number included all students separated

(Continued Page 14) DIRECTED STUDY



THAT INNER GLOW FROM A JOB WELL DONE

This month the BEACON reports an unusual number of accomplishments which represent the culmination or the fruition of many men's work and ideas.

Little is it realized how long and how hard a man in the CAA sometimes works to develop an idea, to have his ideas heard and listened to, to plan a course of action, to get official backing, to wait it seems interminably for approval and appropriation and finally, to complete the project.

To such a man with an idea delays are heart-breaking obstacles seem insurmountable. He often goes home after hours of work tired, disgusted, almost ready to give up the fight, call the whole thing off - no one seems to care, why bother?

But somehow the next morning he fights back and eventually, perhaps, he sees the day when his project becomes a fact. His greatest reward is that inner glow of pride, the pride of a worthwhile accomplishment. Perhaps he shares that glow of pride with scores or hundreds who have worked for him and with him in the development of the idea.

In a young and growing organization such as our own, these moments come more frequently than in many others. Perhaps that is why there are a great many of us who regard our jobs not as jobs but as opportunities.

Look closely through the pages of this issue of the BEACON (and many others in the past year). Pick out the news stories that show the results of ideas and accomplishments.

For instance, on later pages: CAA Planes Standardized, Terminal VOR Under Operational Test, New Radar Equipment Secured, Combination INSAC Tower For Training, New DME Equipment Secured, Aeromedical Research, Administra-

tive Training, Indoctrination Course For New Employees, etc.

All of them are the results of ideas, of interminable requests. They are the results of work, and the BEACON is inordinately PROUD to report them to others.

THE ONE WAY TO AN ENGINEER'S HEART

Verily I say unto you marry not an Engineer
For an engineer is a strange being and is
possessed of many evils.
Yea, he speaketh in parables which he calleth
a formula
And he wieldeth a big stick which he calleth a
slide rule
And he hath only one bible, a handbook.
He thinketh only in terms of stress and strains
and without end of thermodynamics
He showeth always a serious aspect and picketh
his seat in a car by the springs therein
and not the damsel.
He does not know a waterfall except by its
horsepower
Nor a sunset except that he must turn on a
light
Nor a damsel except by her live weight.

Always he carrieth his books with him and he
entertaineth his sweetheart with steam
tables
Verily though his sweetheart expecteth
chocolates when he calleth
She openeth the package but to disclose samples
of iron ore.
When he kisseth he only tests the viscosity of
her lips
For in his eyes there shineth a far away look
that is neither love nor longing
rather a vain attempt to recall a formula
There is but one way to his heart and that
is Eta Kappa Nu
And when his damsel writeth of love and
signeth with crosses he taketh these
symbols for not kisses but for unknown
quantities
Even as a boy he pulleth girl's hair to test
its elasticity
For he counteth the vibrations of her heart
strings and he seeketh over to pursue his
scientific investigations
Even his own heart flutterings he counteth as
a vision of beauty and enscribeth a formula.
And his marriage is a simultaneous equation
involving two unknowns and yielding diverse
results.



WILLIAM JACKSON COMES TO CENTER AS PERSONNEL OFFICER

This is to introduce William M. Jackson, our new Personnel Officer. Mr. Jackson comes to us from the Fourth CAA Regional Office at Fort Worth, where he has been serving as Assistant Regional Personnel Officer for approximately two years. Prior to the time he joined the CAA, he was Regional Personnel Officer for the Office of Housing Expediter at Dallas, Texas. Mr. Jackson has also served as Civil Service Representative for the Ninth Civil Service Region, St. Louis, Missouri.

CONGRATULATIONS TO NEW ADMINISTRATOR

We wish to extend slightly premature congratulations to our new CAA Administrator, Charles F. Horne whose appointment to the position is expected shortly by the U. S. Senate. The nominating committee of the Senate last week approved the appointment. From his former position as Director of Federal Airways Mr. Horne would succeed D. W. Nyrop, who for only six months headed the CAA and now would head the Civil Aeronautics Board. We wish Mr. Nyrop every success and regret his departure from the CAA. He was a visitor at the Center on Monday this week. It is well when vacancies in the Administrator's post are filled from within the organization with the result that we need not expect major changes in methods and objectives.

THE BEACON IS GLAD TO FORWARD INQUIRIES

From time to time letters of inquiry from CAA field personnel are addressed to the BEACON editor, or the Employees Association president regarding official affairs of the Aeronautical Center. We are more than glad to route these inquiries to the proper department for acknowledgement and action, and will assist in any way possible in supplying information requested.

PILOTS are men who start out knowing a great deal about very little and go on learning more and more about less and less until they know everything about nothing.

RADIOMEN start out knowing very little about a great deal and go on learning less and less about more and more until they know nothing about everything.

WEATHERMEN start out knowing everything about everything, but end up knowing nothing about nothing due to their association with the pilots and radiomen.

By Donald R. Witt as
quoted in April "Flying"
3/21/51

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.



MEDICAL LABORATORY ANNOUNCES BIRTH OF "ELMER"

The Aeromedical Laboratory announces with considerable pride the "birth" of a little brother for Oscar, the now eighteen months old dummy which has been used for the decompression experiments in the Altitude Chamber. The newest member of the family has been christened Elmer.

Elmer is six feet two inches in height and weighs two hundred sixteen pounds. He is unique in that never before has a dummy been constructed which so closely simulates the movements and flexions of the human body. The weight and proportions are properly figured for the various parts of the body. The centers of gravity are accurately placed and there is about the same muscle resistance as in man.

Being constructed of foam rubber, "Elmer's" is a skin you love to touch. His flesh has the same texture, resiliency and compressibility as that of a human being.

Elmer is being used for tests with the new

(Continued on Page 17) **ELMER**



AIRPORT SURVEILLANCE RADAR EQUIPMENT IS BEING INSTALLED AT FACILITIES

Engineers of the Radar Aids Section and 4th Region installation engineers, aided by Ralph C. Kean, Jr., factory technical representative are installing the ASR-1 radar equipment which arrived from the west coast factory of Gilfillan, Inc., a few weeks ago. The paraboloid antenna shown above mounted on a 20 foot steel tower, was installed some time ago.

The remainder of the \$55,999 radar equipment is being installed in the adjacent laboratory building. It is expected that the new equipment, a prototype unit used by Gilfillan for developmental purposes, will be in operation by the last of April, according to M. E. Eisenbach, Radar Aids Section Chief.

The Center is procuring for the Radar Aids Section from General Electric a STALO unit (Stabilized Local Oscillator) to be used with the ASR-1 equipment to illustrate one important difference between the General Electric ASR-2 and the Gilfillan ASR-1.

NEW DME EQUIPMENT ARRIVES FOR LABS OF FACILITIES BRANCH TRAINING

A new Distance Measuring Equipment ground reprier arrived Friday, April 13 from its manufacturers, Federal Telephone and Radio, Inc. and will be quickly installed in the laboratories of the Facilities Branch to supplement older equipment for practical instruction given CAA electronic maintenance men.

The new unit Model DTA (Distance Transponder Model A) has been installed in the west room of Radar Building #499 and is in operation. Class 5, which convenes April 30, will be given complete practical instruction on the new equipment.

The equipment received consists of a dual transponder with monitor and changeover unit. The addition of the monitor to the laboratory equipment, as incorporated in the new unit, is especially welcome, since older equipment did not include this feature. Until this time two modified experimental Hazeltine units have been used, one of which has been used for more than two years, the other since the 10-week training course was begun last July. Two airborne interrogators have been also available, but one usable only with the early experimental Hazeltine ground repliers.

This equipment received last week is the sixth of fifteen being built by Federal under an initial early contract. Most of the fifteen will be used along the New York, Chicago, Washington airways, with three scheduled for installation as Instrument Landing System components at the air fields of the above-named cities.

Under a much larger contract Hazeltine Electronics, Corporation, is expected to furnish a larger number of DME equipments beginning in June of this year. Two of these Hazeltine units, Model DTB, are expected at Facilities Radar Aids Section during the summer for laboratory training purposes.

FACILITIES BRANCH COURSE OUTLINES ARE AVAILABLE FOR DISTRIBUTION

Within the past few weeks the regions have received outlines of courses taught in the Facilities Branch. Enough of these outlines have been printed so that every man working in electronic maintenance may have a copy, if he so desires. Outlines which have actually gone to the field are those on Radar and ILS/VOR. Now being printed and assembled are outlines on all Indoctrination Training courses. These outlines will be mailed in any quantity needed by regions so that all concerned may receive copies.

TERMINAL VOR APPROVED FOR CENTER WILL ROGERS FIELD; INSTALLATION STARTED

Installation of a terminal VOR at Will Rogers Field for training and checking purposes of the Aeronautical Center was approved and has already begun, it was learned last week.

The building for housing the "baby" Visual-Omni Range was constructed by Project Materials Division after a set of drawings for the 6 x 8 structure was received from the Technical Development and Evaluation Center at Indianapolis.

Movement of the building to a selected site near the main intersection of runways at the center of Will Rogers Field was made early this week, and installation of the electronic equipment is under way.

Flight Inspection Branch has been advised of the flight path data required for flight tests which are scheduled for tomorrow, April 19.

S. R. Anderson and T. S. Wonnell of the Technical Development and Evaluation Center are in Oklahoma City to participate in the flight tests.

After the station has been installed and properly flight tested, it will become a regular facility, to be used by Aviation Safety Agents in flight training at the Aeronautical Center.

A program of evaluation will be conducted for a period of time to determine its utility as an aid to navigation and air traffic control. While the Oklahoma City facility will be used principally for training, similar facilities are being installed at other locations for operational evaluation.

PMD MATERIALS DIVISION SUFFERS GROWING PAINS

Due to the over-all increase of the work and the added personnel necessary to handle it, the Project Materials Division has added an additional office, as well as new storage facilities throughout the division for the purpose of carrying on the ever increasing shipments of materials.

Clark B. Affleck, Acting Chief of the Division, occupies one of the offices. Henry Shaw, head of the Project Complement Branch, occupies the other office which has been added.

General office services of the Division are, under the direction of Owen Comer,



THE FEMININE TOUCH IN AIRCRAFT STANDARDIZATION

(Picture, top preceding page)

The Aircraft Standardization Division was begun with one employee on March 22, 1950. Five months later as the division enlarged, among others one sheet metal worker was employed. By September of 1950, six months later, there were approximately 36 employees, six of whom were sheet metal workers.

By January 1951 the war was depleting the ranks and it became increasingly difficult to secure efficient and capable employees. It was then decided to employ all qualified women workers. Mary Crabtree, who has since resigned to accept reemployment at Tinker Field, was the first to begin work on the ships at the center.

There are now fourteen women employed, eleven of them capably filling jobs heretofore held by men.

As this roving reporter was walking through the hangar, Dot Ellison was perched precariously atop N-21 working with skill and ease.

Far back in the corner of another craft, "Pee-Wee" (Fay) Steenerson was working. Being very small she is often called on to work in places inaccessible to any of the male sheet-metal workers.

Three of the girls do upholstery. Inadvertently omitted from the picture is Elsie P. Moffatt who has done most of the chair upholstery in the planes.

Beulah Freeman probably has had the most experience with seven years to her credit. Wilma Marley is now the oldest in point of service with the Aeronautical Center. There are approximately thirty years of experience in the background of the women employed, most of which was acquired at Douglas and Carson plants during WW II.

Pictured before N-12 are the following:

Back row, left to right: Betty Wilson, Sheet Metal Dept.; Beulah Freeman, Upholsterer; Wilma Marley, Sheet Metal Worker; Mary Crabtree, Sheet Metal Worker; Dot Ellison, Sheet Metal Worker; Anna Mae Higgins, Sheet Metal Department.

Front row, left to right: Pollyanna Hales, Upholstery Dept.; Fay Steenerson, Sheet Metal Worker; Mabel LaCroix, Clerk-Typist; Evelyn Walton, Clerk-Steno; Ida Lee Smith, Property & Supply Clerk; Neva Ashworth, Draftsman; Anita Lauderdale, Stock Room Clerk.

OVERHAUL AND MODIFICATION OF CAA FLIGHT INSPECTION PLANES CONTINUES AT AERO CENTER

The overhaul and modification of CAA Flight Inspection planes continues at the Aeronautical Center.

Pictured at the bottom of the preceding page is the crew responsible for the complete aircraft overhaul and modification of all the Beechcraft airplanes of the Standardization program. These men have completed work on approximately five airplanes; there are seven in various stages of completion at the present time, William Matthews, Chief of the Aircraft Standardization Division stated last week.

Some unavoidable and unforeseen delays have plagued this project but most of the obstacles have now been overcome and work is progressing satisfactorily.

An excellent piece of work has been done in the proper location of equipment to maintain the center of gravity and reduce the excess weight of the aircraft and increase the useful load potential, Mr. Matthews said.

Pictured in front of Beechcraft N-41 are:

Back row, left to right, standing: Ira L. Cravens, Electrical; Arley R. Kelly, Sheet Metal; Ray O. DeLong, Assistant Foreman; W. M. Matthews, Division Chief; William O. Doeppe, Aircraft; Richard C. Holman, Electrical; Wilbert H. Busch, Aircraft and Sheet Metal; Wilbur A. Anderson, Aircraft; Martin O. Dotson, Painter; John W. Boyles, Aircraft.

Second row, kneeling: Carl L. Allen, Aircraft; Leoras C. Boyles, Foreman; Henry F. Hardee, Instruments; David Penner, Sheet Metal; James O. Middlebrooks, Aircraft; Nat E. Blake, General Mechanic; Harry D. Estey, Assistant Chief.

Front row, sitting: Leslie R. Middlebrooks, Aircraft; John E. Kern, Electrical; Robert L. Connelly, Engines; Eugene C. Johnson, Aircraft; Carl L. Appling, Engines.

RADAR TRAINING UNIT IS TURNED BACK TO AIR FORCES

One of the trailer type CCA Radar Units is this week being turned back to the Air Force according to late information from C. E. Gardner, Facilities Chief.

Arrangements are being made with Washington to replace it with a similar unit which is expected to arrive in about ten days. Mr. Gardner said.



ADMINISTRATIVE TRAINING GIVEN AT FACILITIES BRANCH TO FOUR ILS/VOR CLASSES

The Friday afternoon wind-up of Facilities Branch Administrative Training week is represented in the photo above as Director Fred M. Lanter addresses the men of four ILS/VOR classes on March 30.

The week's training program was arranged and conducted by C. W. Mueller, Facilities Radio Aids Section chief, shown standing in the background. A major portion of administrative instruction was given by W. W. Cecil, Personnel chief of Region 5.

A representative of Washington's Maintenance Engineering Division, H. E. Robinson addressed the group on Wednesday, presenting up-to-the-minute information on training and personnel aspects connected with maintenance of rapidly expanding electronic facilities in navigational aids. Mr. Robinson is in the Washington Land-line Maintenance Section.

Spicing the week's program at other times were talks given by CAA aviation experts of the Aeronautical Center. Among these were L. E. Shedenhelm, Technical Assistance chief, who discussed developments in the light aircraft field; Hope Biggers, Aircraft Branch chief,

whose subject was Aircraft Power Plants; Robert Spear, also of Aircraft Branch, who gave his inimitable lecture on Helicopters; Loren D. Cameron, of Personnel; and Frank S. Deane, of Budget and Accounts.

Many brief talks were given by class members themselves relative to field office problems and interdepartmental relationships.

Administrative training is given once each twelve weeks to the four ILS/VOR classes currently in session in various stages of their training program at the Center. Class 21 graduated at the close of the recent Administrative Training sessions, while Classes 22, 23 and 24 remain to finish their technical instruction.

INSTRUCTION CHANGES AT FACILITIES

According to late information Charles Wallach will take over again as VOR classroom instructor next week for ILS/VOR Class 23.

C. C. Drumeller, who has been handling the past two classes in the classroom, will take over VOR laboratory instruction, while J. T. Cupp, Jr., regular laboratory instructor, goes on three weeks of annual leave.

AIRWAYS OPERATIONS CONTINUES EXPANDED TRAINING; AIR FORCES CLASS GRADUATES

April 6 marked the graduation date of the first USAF Air Traffic Control class to be trained at the Aeronautical Center. The sixteen men comprising this group completed an eight week course in CAA Air Route, Airport and Approach Control procedures. The class has been divided into two groups for on-the-job training at CAA facilities in Cleveland and Boston. Regarded by their instructors as one of the most outstanding groups ever trained by this Branch, the men set a high academic record for future classes. Their instructors were George Crowley, Grover J. Fulkerson, Jack W. Grewell, Charles E. Dowling, Jr., Maurice J. Mitchell, and Robert M. Gardner (U. S. Weather Bureau).

FOREIGN NATIONAL CLASS DEPARTS

A class of foreign national Air Traffic Control trainees also graduated on April 6. Sixteen men representing Columbia, Bolivia, Panama, Venezuela, Honduras, and Japan finished a twenty-two week course in basic airport, air route and approach control procedures and techniques. Like the Air Force class, training at the Aeronautical Center is also being followed by on-the-job training, with separate groups being assigned to St. Louis, Pittsburgh, and Salt Lake City respectively. The graduation was marked by an impressive ceremony on the Oklahoma City University campus, attended by the OCU faculty and students, and CAA representatives from Washington and the Center. Of special interest was the presentation to the Aeronautical Center by trainees from Venezuela and Columbia of attractively framed scrolls in appreciation for the training they had received. Instructors for this class were George Crowley, Maurice J. Mitchell, Newell W. Lepeard, Charles E. Dowling, Jr., Arol E. Beck, and Robert M. Gardner (U. S. Weather Bureau).

ALASKAN COMMUNICATORS CONVENE

On April 9 a class of nineteen aircraft communicators began training for service in Alaska. These men are from all parts of the United States and they will receive an intensive twelve week indoctrination course in communications procedures and techniques before assignment to the Eighth Region. They are under the able supervision of Herb Bridges, veteran CAA communications instructor. This course has

"NEW" BEECHCRAFT FLIGHT PLANES DELIVERED TO REGIONS FROM AERO CENTER

Five "new" completely overhauled and standardized Beechcraft CAA Flight Inspection planes have been delivered to various CAA Regional headquarters it was learned early this week from J. C. Shimp, temporary Flight Inspection Branch chief.

The first aircraft, N-40, was delivered about April 1 to Fort Worth.

Last week N-41 was given a final check and winged its way to Seattle for use in Region 7. Following it closely was N-42 delivered to Region 2 in Atlanta, Georgia.

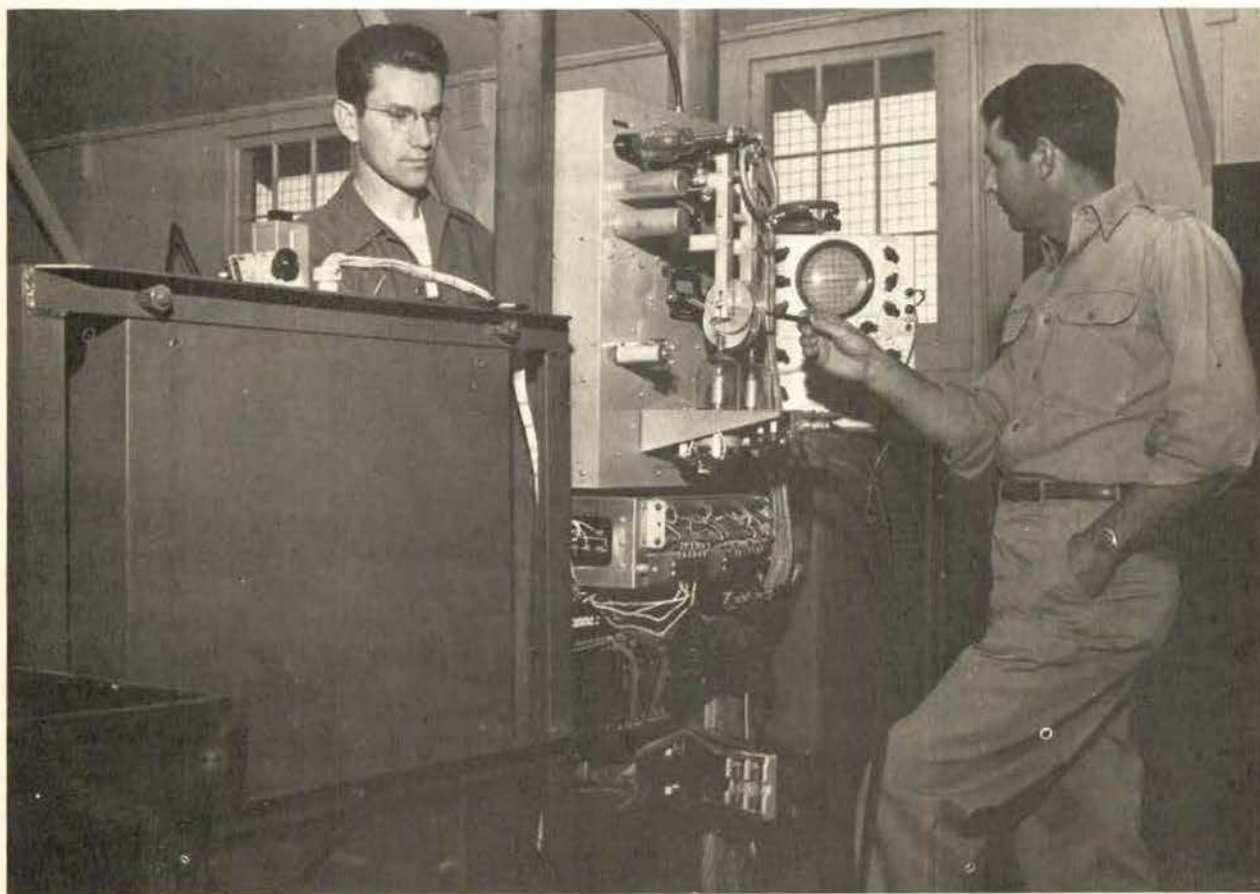
Sometime this week, barring any last minute delays, N-43 will be delivered to Region 1 and N-44 to Region 5 in Kansas City.

The next DC-3 off the "assembly lines" in the hangars of the Aero Center will be N-16, which should be ready for delivery to Region 1 toward the end of this week.

At the Center this week, for familiarization with aircraft standardization, are Sam Taylor, Chief of Flight Inspection, Region 3, and Gus Connery, of Region 1 Flight Inspection.

NEW EQUIPMENT IS ADDED TO FACILITIES BRANCH INDOCTRINATION UNIT

Equipment is arriving almost daily for increased training in the Facilities Branch. Latest additions include several new communications receivers and transmitters for Indoctrination Training. Also for Indoctrination Training several new equipment racks have been received. In order to handle the increased enrollment, the remote control section of the training will move to a different building and will be greatly expanded. Space formerly occupied by remote control will be divided between recorders and receivers and both of those departments enlarged. At the present time Indoctrination Training is operating one night shift, but with the enlargement of departments, it is planned to eliminate the night shift. Completion of the expansion is contingent upon getting more equipment and also more instructors to handle the increase in students.



PMD ENGINEERING BRANCH IS ENGAGED IN MODIFYING EQUIPMENT FROM DISCONTINUED VAR RANGES FOR USE IN CURRENT ILS ESTABLISHMENT PROGRAM

One of the major functions of the Engineering Branch of the Project Materiel Division is the re-designing and modification of Federal Airways equipment made available from discontinued facilities. Equipment modified by this Branch is then incorporated into new or current establishment programs, resulting in a considerable saving to the government by reducing overall procurement cost of new equipment for these programs.

Skilled personnel of the PMD Engineering Branch are now busy modifying various equipments to be used in new or modernized Instrument Landing Systems. The work consists of converting approximately three hundred Type CA-661-A Sideband Generators to Type CA-661-B. Modifications to these units consist generally of installing new type ventilating tube sockets, rearranging the monitor system, and converting the units for utilization of flexible coaxial cable.

The photograph at the bottom of the preceding page shows John Sharp and Neilan J. Cole performing tests on one of the converted units.

Other units undergoing modifications and overhauling are Type CA-766 Motor Alternators and Type TZS Marker Transmitters. Both the Motor Alternators and Sideband Generators are component parts of an Instrument Landing System.

In the background of the top photograph on the preceding page are shown Type TZU Transmitters which are being converted to TZU-1. The new TZU-1 transmitters are for use with electronic power supplies and will have provisions for applying voice modulation.

From left to right are the following personnel of the Engineering Branch engaged in the modification: John Sharp, William Colbert, Neilan J. Cole, Eugene H. Vaughn, standing and Reeves Sharp. Eugene Vaughn, Electronics Engineer, is in charge of the project.

According to Clyde L. Daniels, Chief of the Engineering Branch, instruction book addenda covering the changes to the units, as well as new wiring diagrams, are presently being prepared for all equipment undergoing modification.

FACILITIES BRANCH STEERING COMMITTEE COORDINATES TRAINING ACTIVITIES

For the purpose of more closely coordinating all training in the Facilities Branch, a steering committee consisting of C. W. Mueller, M. E. Eisenbach, F. G. Smith, W. B. Brown, Walter Hill, A. D. Edgerton, and J. C. Straiton holds regular weekly meetings to consider mutual problems. Among topics under consideration are the preparation of a regular textbook of basic theory applicable to all courses in the Facilities Branch; the streamlining of some courses which may be taken by technicians requiring preparation in combination classes such as VOR and DME; special refresher courses for men who have been away from the theory for some time and also refresher courses in Directed Study. At the present time the committee is working on the problem of establishing the areas of authority and responsibility for instructors, supervisors and section chiefs. Other problems will be considered and recommendations made as necessary to keep all instruction closely coordinated.

12 10 10 10 10 10

ALASKAN COMMUNICATORS ((Continued from Page 9)

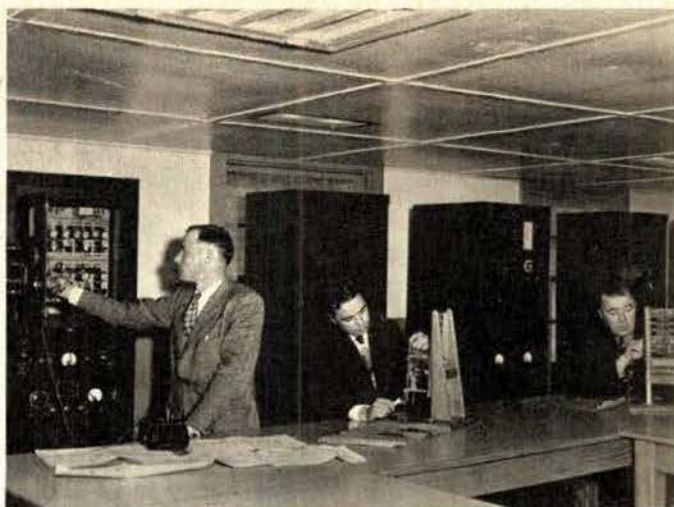
recently been lengthened slightly to permit a limited amount of Link Trainer instruction to familiarize the communicator with the pilot's problems, to demonstrate how the pilot uses the principal air navigation aids, and to show how these aids can be used by communicators in rendering flight assistance service. The course culminates in an actual flight in CAA aircraft, during which the communicator observes the operation and use of various types of radio aids and conducts communications with ground stations.

* * * * *

ART JENKS VISITS AERO CENTER

Art Jenks, Washington Flight Inspection chief, stopped over at the Center for a brief visit at the Flight Inspection Branch while enroute to Washington from Region 7 where special field training is being given in connection with flight checking of VOR facilities.

* * * * *



INDOCTRINATION SCHOOL AT FACILITIES WINS APPROVAL AS VALUABLE AID IN MAINTENANCE OF CAA ELECTRONIC EQUIPMENT

(Photo on facing page)

The purpose of the Indoctrination Training Course is to train newly employed maintenance technicians for the regions. This improves the quantity and quality of work done by newly employed maintenance technicians and reduces time required for the MTIC to train new men.

Maintenance officials of all of the regions are pleased with results of the Indoctrination Training. They report that maintenance has been improved, and that the morale of the new men is better since they are able to carry full work loads at the station after completion of the course. Many technicians who were employed before inception of the Indoctrination Course have requested that they be permitted to take the course.

One of the functions of the school and its staff is to recommend elimination of unstable men to the Region. Men are found unsuitable for lack of technical qualifications, emotional instability, or inability to work harmoniously with the organization. Of 311 students sent to the course since its start, 9 have been eliminated.

In addition to technical training in maintenance, the new MT's are trained to keep the station neat, to keep themselves personally presentable, to maintain proper relations with other CAA employees at the station, and with the public, to be familiar with Civil Service regulations, and how to fill out the personnel and maintenance forms the new man will be required to use.

The national and regional promotion plans are explained to the students. Students are encouraged to enroll for directed study and prepare for advanced training. Screening exams for ILS/VOR and Radar Aids courses are given to all Indoctrination students who want them. Many graduates have returned to the Center for training in ILS/VOR and DME.

INSTRUCTORS

The instructional staff now lists 10 radio engineers, all of whom have had other work experience with the CAA. The majority of instructors have field maintenance experience. The balance come from facilities construction organizations. Instructors are chosen largely for ability to lead and evaluate men. One vacancy (Radio Engineer GS-11) now exists in our instructional staff. (The line forms in front of Mr. Gardner's office).

PICTURES IDENTIFIED

Upper Left: In the foreground students Frank Costellucci, 3rd Region, and Wm. B. Bradley, 2nd Region, are supervising the amplifier of a Dictaphone Voice Recorder. In the background other students of Class 18 are adjusting the overlap time of Dictaphones.

Upper Right: Herbert Cross, Region 6, left, is looking for 'calibrated troubles' in a Type CA-649 Remote Control Unit. These troubles were put in the unit by the instructor of Remote Control Equipment. James H. Barrett, Region 1, center, is adjusting a Strowger Switch. Edwin S. Ferguson, Region 6, right, is adjusting a broadcast relay group.

Center Left: An interior view of the Teletype Laboratory, showing students at work, and 12 Type 19 Printer Sets.

Center Right: Left to Right: Pedro Behrens, Venezuela, Otis Rawls, 2nd Region, Robert Shadoin, 3rd Region, and Peinaldo Sarasti, Colombia, are practicing adjustments on Type 15 Teletype Printers.

Lower Left: John E. Fick, Class 19, 8th Region, is adjusting the modulation of a Type TUQ Transmitter. Mr. Fick leaves April 20 for Nome, Alaska.

Lower Right: James Porter, 4th Region, and J. T. Stewart, 3rd Region, Class 5, are aligning a communications receiver. Mr. Porter has since returned and completed the ILS/VOR Course.

COAST GUARD DETACHMENT RETURNS TO SALT WATER

The Coast Guard R5D (DC 4) training program, which has been in progress at Aviation Safety here, has been completed and the maintenance men who have been on detached service have returned to their stations.

The program started July 31, 1950, with the arrival of C. J. Hudder, Lt. (jg), who acted as liaison officer throughout the program. At the same time a group of twelve enlisted men arrived from Elizabeth City N. C., So. San Francisco, California and Barber's Point, T.H., to receive R5D maintenance training. The course was four weeks in duration and was given by Bob Spear and Ray Matthews of the Aircraft Branch. It consisted of 160 hours of classroom and ramp instruction on maintenance, repair, inspection and trouble shooting procedures and a complete familiarization of the engine, accessories, aircraft structure, and aircraft components and systems. At the completion of the course the men were returned to their stations.

Then on October 30 the first of five classes of Coast Guard pilots arrived for training in a Plane Commander course. The familiarization with the aircraft and the powerplant was given by Bob Spear and Ray Matthews and the flight training was handled by Leland Covert with the help of several other pilots of the Flight Branch. The section of the course which related to Transport Category was given by Dave Baker and N. H. Rudasill. Link training was given under the supervision of Gordon Post. The last of these classes left March 2.

Finally on December 18 the first of two Flight Engineer classes. These were enlisted men who had had considerable experience as Aviation Machinists Mates. Their training was under the supervision of Bob Spear and Ray Matthews and consisted of the same course given to the first class of maintenance men plus flight training in both normal and emergency procedures, cruise control, weight control, in-flight trouble shooting, etc. These classes ended on January 26.

The Coast Guard supplied two R5D-3s for the flight phases of the course and four of the men in the maintenance were sent here with the aircraft to maintain and service the aircraft. When the last Plane Commander course was completed these four men, the two aircraft, and Cliff Hudder returned to their stations. This ended the Coast Guard anti-submarine patrol of Lake Hefner.

LENGTH OF SERVICE AWARDS AWARDED TO TEN CENTER MEN

F. M. Lanter, Director of the Center, in a ceremony at 12:00 on April 10, presented length of service awards to ten personnel of the Center who had completed from 10 to 20 or from 20 to 30 years service. The following awards were made:

10 to 20 Years Service:

Hope Biggers	Arne Granheim
Loren D. Cameron	Eugene L. Mars
Charles Coachman	Merill C. Morgan
M. E. Eisenbach	Rayford H. Orren

20 to 30 Years Service:

W. G. Forman	Claude E. Gardner
--------------	-------------------

DIRECTED STUDY (Continued from Page 1)

from service or on military leave. However, since January 1 there have been 242 new students added, and the total now stands at 1324.

Active student enrollment may be broken down by regions as follows:

Region 3 - 211	Region 8 - 128
Region 2 - 192	Region 6 - 125
Region 1 - 190	Region 5 - 75
Region 7 - 178	Region 9 - 71
Region 4 - 154	

Enrollments for the new Course II are tabulated as follows:

Region 1 - 6	Region 6 - 4
Region 2 - 11	Region 7 - 9
Region 3 - 14	Region 8 - 3
Region 4 - 11	Region 9 - 0
Region 5 - 5	

FAMOUS HELICOPTERS ARE AT CENTER

Through the cooperation of Region 6, Russell Van Note (CAA Aircraft Factory Agent) and United Helicopters, Inc., the Aircraft Branch is now in receipt of two very interesting helicopters. The older of the two is a coaxial counter-rotating, two rotor experimental invented by Stanley Hiller, Jr., and other personnel of United Helicopters, Inc., Palo Alto, Calif. This is one of a very few helicopters of this type which have successfully flown. However, there were several drawbacks which made the design impractical; consequently it was shelved.

(Continued Page 15) HELICOPTERS

WALLACH TAKES FIELD TRIP TO WASHINGTON AND NEW YORK

Charles Wallach, VOR instructor at Facilities Branch, returns this weekend from a three-week field trip to Washington offices. During the course of his stay he conferred in New York with McGraw-Hill Book publishers regarding the possibility of compiling a composite text book covering only such specific subjects necessary and applicable to CAA electronic equipment.

HELICOPTERS *(Continued from Page 14)*

The other is the prototype of the present Hiller 360, a highly successful three place helicopter with a single main rotor and an anti-torque tail rotor. The unique feature of this machine is the stability of the rotorcraft due to a patented system of "control rotors", small servo blades located between the main blades.

These machines will be of great assistance in the Helicopter Operation and Maintenance Course, which is given by Bob Spear and Ray Matthews, of the Aircraft Branch.

MEXICAN AIRLINE RADIO MECHANIC TAKING COURSE AT AIRCRAFT BRANCH

Señor Juan José Alorda Machorro, a radio mechanic for Lineas Aereas Mexicanas, S. A., is now taking the Aircraft Electrical Systems Course (A-2) at the Aircraft Branch. This is a two-week course given by Al Kenison and Emil Bjorkman. Following completion of this course, Señor Alorda will probably take the Federal Airways Maintenance Indoctrination Course, also at the Center.

He is here as a result of having been awarded a Department of State grant to receive Foreign Nationals Training from the CAA related to the installation, repair and general maintenance of radio equipment and aircraft electrical systems. This program, sponsored jointly by the Department of State and the CAA, is for the purpose of helping Señor Alorda and the development of civil aviation in Mexico.

Señor Alorda previously worked for Aerovias Braniff, a Mexican airline started by Tom Braniff, of Oklahoma City and Dallas.

DIRECTOR GOES TO WASHINGTON

F. M. Lanter, Director of the Center, departed on Wednesday, April 11, to spend several days in the Washington, D. C., offices of CAA.

COMBINED ATC TOWER AND INSAC FACILITY TO BE USED FOR TRAINING PURPOSES

The combined ATC Tower and INSAC Facility has been turned over to the Aeronautical Center to be used primarily in connection with Airways Operations Training Programs now in progress at the Center. Secondary use of the structure will be made in the study of various equipment arrangements to determine the most effective layout for a combined facility.

It has been suggested by the Washington Office that the structure be equipped similar to the laboratories already in use for Air Traffic Controller and Communicator training and that practice operations be carried out as they are in existing laboratories.

INSTRUCTOR TRAINING BEING GIVEN AT FACILITIES WITH GROUP DISCUSSIONS

As part of a continuing program for improvement of instruction in the Facilities Branch, an instructor training program was started on April 4. This program is under the direction of C. W. Mueller and M. E. Eisenbach with the sessions being conducted in the form of round table discussions. Attendance is voluntary and the program will be repeated several times if necessary to allow all instructors to participate. Topics discussed are those concerned with effective teaching. These sessions are only one of several programs for instructor improvement which are being considered. Others proposed are concerned with training all instructors in technical fields other than their specialties and also giving instructors opportunities to work with field personnel in determining the effectiveness of training. Eventually it is hoped that the staff will be well rounded in all phases of training. The branch still is in need of several instructors to complete the staff.

R. E. VAN WALD RESIGNS CAA

R. E. Van Wald, Flight Inspection Branch chief, who had been on temporary assignment to the Fifth Region, resigned the CAA on April 5 to enter the hotel business in Michigan.

He takes with him the well wishes of the many friends and associates with whom he worked for several years at the Aeronautical Center.



WELCOME VISITORS

- Wednesday, March 14 - Walter Lehman from the Washington Office arrived at the Project Materials Division in connection with the LVOR
- Tuesday, March 20 - R. E. Herr, L. L. Stahl and G. L. Arnold of the Washington Office of Aviation Safety, spent March 20 at the Aviation Safety Standardization Division for the purpose of discussing flight engineer navigator training programs.
- Tuesday, March 27 - Harold E. Robinson, of the Maintenance Engineering Division, Office of Federal Airways, Washington, arrived in connection with the Facilities Branch Administrative Training Course.
- Monday, April 2 - Major Ivan Renaud, of the French Air Force visited the Aviation Safety Standardization Division for a two-day period.
- Wednesday, April 4 - C. H. Braddick, of Region 7, arrived to pick up N41 which has been standardized at the Center.
- Thursday, April 5 - Harold Earp arrived for a one-day visit at the Airways Operations Branch.
- Thursday, April 12 - K. R. Aldrich and H. B. Pickering, Office of Aviation Safety, Washington, D. C., arrived to conduct the first two weeks of the Induction Training course for Aviation Safety Agents that is scheduled to begin April 16.
- Friday, April 6 - Wm. Ball of Region 2 arrived for a week's stay at the Aircraft Standardization project. He departed April 14 with N-42.

(Continued Next Column)

C. S. BARTHOLOMEW, WASHINGTON ENGINEER, VISITS FACILITIES

C. S. Bartholomew, formerly ILS/VOR instructor and chief of that unit, stopped over at the Center for three days before returning to Washington after having visited the Airways Facilities Shops at Fort Worth, Texas.

During the year since he left the Center he has been in the Washington Maintenance Engineering Division but only recently has transferred to Establishment Engineering serving in the Navigation Aids Section.

While here he conferred with training chiefs and instructors in ILS/VOR regarding laboratory equipment needs and supplied late information on the new equipment for ILS installations.

WELCOME NEW EMPLOYEES 3/17 - 4/13/51

AIRCRAFT STANDARDIZATION

Evelyn Walton	Loyse Jackson
John E. Kern	James L. Whited

AVIATION SAFETY

Burnard D. Albright
A. R. Soehner-Trans from Region 5

AIRCRAFT SERVICES

Rolland L. Wood

PERSONNEL SECTION

William M. Jackson-Trans from Region 4
Hilda L. Aaron

AIRWAYS OPERATIONS

Ruth Greiner-Trans from Region 4

FACILITIES BRANCH

James F. MacAdam-Trans from Region 7

PROJECT MATERIALS DIVISION

Woodrow E. Burris

GOODBYE FORMER EMPLOYEES

AIRCRAFT STANDARDIZATION

Carl L. Baldwin-Military Service
Groyer R. Pennington-Other Employment
Mable LeCroix

AIRCRAFT SERVICES

June Donceel-To Join Harry
Glyndon W. Parsons-Military Service

AIRWAYS OPERATIONS

Letha Dugger

PROJECT MATERIALS DIVISION

Lemoyne W. Neff

FACILITIES BRANCH

Golda Trimble

Wednesday, April 11 - Messrs. Connery, Gage and Shillinger of Region 1 arrived to pick up N-16 and N-43 which are being standardized at the Center.

FIFTH REGION GROUP VISITS CENTER

A group of Fifth Regional Office officials and Flight Inspection pilots visited the Center briefly on Monday April 1, while flight check data of the VOR at Wichita was being analyzed at the Data Processing Center.

In the party were I. J. Rovang, Facilities Engineering Chief, and Flight Inspection pilots Harry O. Gray, W. C. Miller, A. R. Eno, Eugene O'Toole, and Mr. Lorenz.

Extending warm welcome to their friends from the north during the visit were J. C. (Chet) Shimp, on temporary assignment to the Center from his position as Fifth Region Flight Inspection Chief, and Mix Kincaid, formerly of Region 5 in the same branch and now technical supervisor in charge of electronic modification of Beechcraft planes used for flight inspections.

PERSONNEL CHANGES AT FACILITIES

Walter Fricks, until last month a maintenance technician at Facilities Branch, has assumed a position as instructor in Indoctrination training in the Receivers Course.

Donald M. Baker, formerly an employee at Tinker Air Force Base, became a Center employee on Monday of this week, assuming the position vacated by Fricks.

SURPLUS C-54 PLANES AT CENTER ARE SOLD TO AIRLINES

According to information in a recent issue of Aviation Weekly magazine, two surplus C-54 aircraft received at the Center after World War II have been sold to airlines for \$355,000. and \$153,000.

Hey Art what'll I type in here?

NEW EMPLOYEES

Hal C. McVey - Coming here from VA as Property Record Clerk, replacing Howard Wilson, who transferred to PMD.

Carol B. Peters - Replacing Virginia Anders, whose husband is transferring to Midland, Texas.

JAPONICA GARDEN CLUB SPONSORS JUNIOR CLUB!

Japonica Garden Club members are the proud sponsors of the 'Japonica Juniors' -- a garden club composed of school children at Millard Fillmore School.

At present there are more than 70 such Junior Garden Clubs in Oklahoma City -- with interested members planting liberty gardens -- studying horticulture, conservation and birds.

Japonica Juniors are especially interested in beautification of the spacious grounds surrounding their new school building. Senior Counsellor, Mrs. Charles W. Mueller, has donated a lovely Japonica, on behalf of the senior club, which has furnished garden seeds, bulbs and border plants.

JUNE 9TH DATE SELECTED FOR PICNIC

The Facilities Branch Japonica Garden Club will hold its annual picnic June 9th at Will Rogers Park (NW 23 and Grand Blvd.)

TIME: 2:00 p.m. 'til dark.

PLACE: South Clubhouse and Shelter.

Rumor has it ILS/VOR instructors will be contenders for the baseball championship held since last year by Indoctrination instructors.

All Facilities personnel and families are invited to attend.

For further details -- see next month's BEACON.

ELMER (Continued from Page 4)

safety harness which is being installed as standard equipment in all the Beechcraft Bonanzas and Twin Engine Beechcraft. He has been subjected to some thirty crash test runs at the Beech Aircraft Factory in Wichita, Kansas.

The older dummy, Oscar, despite the name, was constructed to simulate a female form. She is five feet, five inches in height and weighs one hundred twenty pounds.

SPORTS**SOFTBALL SEASON OPENS AND A SIX TEAM LEAGUE IS ORGANIZED WITH THE VA**

On April 9, under the capable management of Harold Murphy a group of CAA softball players met and discussed their plans for the coming season.

There will be two CAA teams this year in a six team league, composed also of two VA Hospital teams and two VA Regional Office teams. As yet, the teams are not named.

There were over twenty players at the meeting and more that are interested in playing who were unable to attend. The teams are made up of the following players.

1st Team	2nd Team
Harold Murphy	Carl Appling
Joe Hejna	Dean Foster
Bill Matthews	George Dennis
Richard Dykes	Dave Penner
Cecil Skidmore	Lee Boyles
Eddie Ruof	Clarence Meyer
Harry Glasglow	Clyde Elliott
Robert Combs	Bill Hardamen
Frank Randell	Ira Cravens
Fred Rich	Wilbert Busch

The season will start around May 1, with practice sessions with outside teams, if possible, till then. Schedule for the season is not yet available, but will appear in the next issue of the BEACON.

The Association has purchased more new equipment - enough now to field one full team. This equipment is available for use at CAA picnics, and may be checked out by contacting Harold Murphy.

Enthusiasm is running high this year in our two teams, and the BEACON extends to all the players best wishes for a successful season.

GIRLS SOFTBALL TEAM?

Girls: Are you interested in a Softball Team? We've had some questions asked on the subject and we are curious to know just how many are interested and what they think of the idea. If you have anything to ask, or ideas, on the subject, contact Ann Martin, our Sports and Hobby Editor. Harold Murphy has offered his assistance.

BOWLING NEWS

More CAA employees have attended the Women's Bowling Tournament at Tulsa. Aya Wells and Esther Woods bowled March 17 and 18, and Kate Hawkins and Juanita Ozment attended April 7 and 8. The general report is that they all had a marvelous time. It is possible some of the CAA entries placed in some events. However, we'll have to wait until the next issue when the tournament will be over before we can give you a full report.

AMATEUR RADIO CLUB NEWS

Under the capable operation of Gordon (Stew) Wight, W7NDF, the Aeronautical Center Amateur Radio Club's station, W5PAA, functioned as net control station of the CAA Net 7 April. From the sound of things, Stew had a gay time renewing old acquaintances with the Fifth Region gang, whom he hadn't contacted since coming to the Center as an instructor in the Facilities Indoctrination School.

OUR INTEREST WITH THE COLORS

Henry Nichols (Doris husband) has received his reserve orders to report for duty on May 11.

Captain Frank Lawrence came back from San Antonio several days ago to pick up his family. He stopped in several offices to say 'Hello and Goodbye'. Frank expects to be in San Antonio for a few months.

Leonard A. Robertson, Aircraft Materiel Section, received his orders to report for active duty April 18 at Tinker Air Force Base for further assignment. Mr. Robertson, better known to fellow employees as Robbie, came to Will Rogers Field to work for Civil Aeronautics Administration in June of 1946 and previously worked for the War Department. Like many others, Robbie has been on active duty before so it won't be too new to him. Good Luck, Robbie!

Bob Ray, General Services Branch, is to take two weeks military training at Chanute Field. Ray will certainly be missed while he is away and needless to say, Pappy Lower is going to be a much busier man for two weeks starting April 16. Of course, we'll all cooperate.

Glyndon Parsons, Aircraft Services Branch, left March 30 for active duty. His co-workers presented him with a pen and pencil set. Glyn is missed by his fellow workers and they appreciated his visit back to the hangar.

EMPLOYEES' ASSOCIATION TREASURER FLIES HIGH

You should have seen the perplexed look on a young Sergeant's face a short time ago when he was helping Asia Krause into a parachute recently. It seems she was wearing a skirt and after putting the chute on and adjusting the shoulder straps, he scratched his head and looked at the leg straps. They decided surely the shoulder straps would be enough if there was a need for the chute. All this on her first airplane ride too. She's ready to take a flight at any time now.

FAREWELL PARTY FOR MARY CRABTREE

The whir of airplane wings could even be heard in the home of Mrs. Beulah Freeman, 806 SW 30 on March 31, when the girls from the hangar entertained at a farewell party for Mary Crabtree, resigned.

At an eleven o'clock luncheon, eight of her fellow workers surprised Mary, presenting her with a necklace and earscrews as a parting gift. The place cards and refreshments were all done in aeronautical motif and the house was lovely with spring flowers.

HELEN HEFNER RETURNS TO TEMPORARY DUTY

Helen Hefner, formerly with the Technical Assistance Division, is on temporary duty with the Aircraft Branch, during the absence of Dorothy Weissenberger, who is ill.

FLOWERS GIVE A BIG BOOST

Daisy Dovell, Personnel Section, who has recently returned to the office after an illness writes that the flowers from the Center gave her morale a 'real lift' and that she certainly appreciates being remembered.

WE'RE A PULLIN' FOR YA

Dorothy Weissenberger, Aircraft Branch secretary, has been in the hospital in traction due to a back injury. Dorothy has spent the last four weeks in her harness and says that the days have been very long. Although out of the hospital, Dotty says that her activities are still very limited. Wishes for a speedy recovery. We're pulling for you.

WEDDING BELLS RING

- 19 -

The wedding of Juanita Crews and Frank Pickens, Flight Inspection Branch, was solemnized on March 16, 1951, at the Shields Boulevard Baptist Church, with Reverend W. Dean Rainwater, the pastor, officiating.

The bride was gowned in traditional white satin. Her attendants were Edith Hambay, maid of honor, bridesmaids, Ruth and Rhama Nobles. Mr. Walter Hague acted as best man for Frank. Ushers were Donald Wham and Jimmy Sheppard. Patricia Mauldin and Sharon Oliphant were flower girls and Louis Moore, Jr., was ring bearer.

The wedding was attended by relatives and friends.

Mr. and Mrs. Pickens are at home at 1333 Chestnut Drive.

NOT JUNE IN JANUARY BUT CHRISTMAS IN APRIL

Part of Christmas came rather late for George Hudson, Monroe Ebner, and Melvin Cameron, who last week happened into the Wheatland post office to find each had a stack of Christmas cards. They hereby say "Thank you" for the cards.

SQUARE DANCERS HAVE FUN!!

The square dances are going off very successfully. The square dance group cordially invites anyone interested in square dancing. Anyone desiring information may contact Monroe Ebner at Extension 33, or at home, Wheatland 812F21.

BACK TO WORK

Bill Henson of PMD is back at work after spending several days in the hospital with a fractured knee cap.



APRIL SHOWERS - DON'T YA' KNOW !!

Ted DeWitte took an Easter vacation this year to spend some time in his old 'stomping grounds', Denver Colorado. From What Ted tells us, there is no place like Colorado, especially Denver.

'Bud' Comer warns us at PMD that he doesn't want anyone calling him, or bothering him with any trivialities while he is on his vacation. He tells us he is leaving the country-going to Lubbock, Texas. All joking aside, we all hope you have a swell vacation, Bud.

Cecil Walcup, of the Aircraft Services Branch, recently purchased a PT-19 and flew to his home town of Corpus Christi, Texas. He was too busy accepting invitations to meals to get any fishing done.

We missed Toby Russell at PMD Friday through Monday, but understand he made a flying trip (via auto) to Atlanta, Georgia. There's a rumor -- it's a redhead.

The 'Little Red Wagon' parked in front of the Medical Clinic is evidence of the fact that Nurse Benson has returned from another one of her frequent trips to see Robert, her husband, in Dallas. She must have talked convincingly-- anyway the Ford Convertible is here instead of Dallas.

THE SICK LIST

First it was chicken pox that laid low one of the employees in high places; another lad was at home for a while with the mumps.

Now Weldon Burnett, Aircraft Services Branch, is recuperating from the measles.

So far only the male members of CAA have been afflicted. Could it be that the girls aren't such children?

Mrs. Hope Biggers, wife of the Chief of the Aircraft Branch entered St. Anthony's Hospital for surgery on March 30. She is recovering nicely after having returned home April 12.

WELCOME HOME, HOWARD WILSON

PMD put the welcome mat at the door for Howard Wilson - after an absence of approximately two years working in headquarters, Aeronautical Center. Howard has returned to PMD to be in charge of the Shipping Section.

THE UNSEEN AUDIENCE

Rayford Orren, Aircraft Services Branch, says Mrs. Orren was explaining to 'little Ray' that, since they were going down town, they would miss seeing the Kate Smith Show on TV. Little Ray said, 'Oh, I don't mind missing the acts, but I hate to miss seeing 'Hunt's Heavenly Peaches at Down to Earth Prices'.

'Little Ray', we too would like to see some down to earth prices.

TURKISH STUDENT LEAVES FOR HOME

Suat Yelkin completed his training course in the Standardization Division and the Aircraft Services Branch and departed for home in Turkey on April 5. His buddy, Richard Taylor, saw him off. Just ask Taylor how to bid farewell 'Turkish Style'.

COLONEL MC CABE IN SAN ANTONIO

On a recent trip to San Antonio, C. R. Lower looked up our friend Col. Charles D. McCabe. 'Pappy' tells us Mr. McCabe is fine and enjoying his work very much. They had dinner together and had quite a nice visit.

In a recent letter Col. McCabe mentioned he hopes to go overseas. He certainly has our heartiest wishes.

FACILITIES INSTRUCTORS TAKE LEAVE

A number of instructors of the Facilities ILS/VOR technical training staff took advantage of a week break in class schedules during Administrative Training to take annual leave.

Glen Smith, ILS unit chief, spent the week 'at home' as also did E. G. Crippen, Localizer instructor.

J. T. Cupp and wife Edith put the '88' on the road for a visit with relatives in Kansas City. While there he visited with Fifth Regional Office acquaintances.

Robert S. Lee toured southward to Fort Worth for a four-day stay with friends and relatives.

Harry Todd of the Radar Aids Section was on leave April 2 - 13. Besides the well-earned relief from his duties he didn't say how the time was spent.

J. D. Owen started two weeks leave on Monday, April 16.

Byron Looney, relief instructor in Facilities Radar Aids Section, is temporarily aiding in Indoctrination Training and is currently handling classes in CAA transmitters.

LIST OF 100% DIVISIONS IN EMPLOYEES' ASSOCIATION CONTINUES TO GROW

Last month only AC-600, the Director's Office, and AC-617, the Business Administration Division, could claim the distinction of having a 100% membership in the Employees' Association.

This month we welcome AC-618, the Administrative Branch, AC-618.4, Mail and Files, AC-622.31, the Motor Pool Unit, AC-627, Aviation Safety to the 100% group.

The Technical Assistance Branch, AC-605, lacks only one member being 100%; so does AC-622.2, Replacement Engines & Aircraft Section, AC-630 Policies and Procedures Branch, 635-7, Modernization and Repair Branch.

Wouldn't you Division Chiefs like for your Division to be 100%? A suggestion of the accomplishments of the Association is no doubt, all that is needed to turn the trick. Let's have at least six more 100%ers to publish in the May issue of the BEACON.

AC-623 still trails with only about one-eighth of their employees belonging, but we still believe that, since they are such a newly organized group, they have not had time to recognize the benefits to be derived from the Association; and that before next month's issue they will show up some of the older divisions.

New and reinstated Association Members since the last issue of the BEACON are as follows:

Herbert G. Blanchard	AC-621
Monroe Ebner	"
Wesley Hodge	"
E. J. Ruof	"
Ida Lee Smith	AC-623
Doris Hartley	AC-628.3
(Doris should have been on our first published list. Sorry, Doris)	
T. K. Archer	AC-628.4
James E. Beard	AC-634.4
Cecil Eaton	"
Marvin E. Eisenbach	AC-636
Walter E. Zuhn	"

We like to see our employees take an interest in the Association because only with their help can we make the Association a success.

FINANCIAL STATEMENT

<u>CASH RECEIPTS</u>	
Cash in Bank 2/9/51	\$ 153.13
Stamps	5.31
Dues	40.00
Advertising	1.00
Canteen Service	11.21
Sundries	105.00
Miscellaneous Cash	40.00
Coca Cola Company	398.22
Dr. Pepper Company	41.92
	<u>795.84</u>

CASH PAYMENTS

Seven-Up Company	\$ 4.00
Stamps	6.00
Coca Cola Company	338.70
Miscellaneous Cash	40.00
Ed Reynolds	35.70
Newspaper (BEACON)	35.25
Check Book	1.50
Okl. City Hdw. Co.	
(Baseball Equipment)	44.22
Balance in Bank and	
Cash on Hand 4/9/51	290.47
	<u>795.84</u>

WANT ADS

FOR SALE - Girl's Sears-Roebuck 26" bicycle. In excellent condition with new seat, tire and tube. Paint needs touching up. \$15.00

Call: 92-4060

WANTED - Formula that Robert Ray, AC-622, used for the recovery of his boyish figure. Rumor has it that Ray has lost twenty pounds.

FOR SALE - Colt revolver, Official Police Model, .38 special calibre, six inch barrel, almost new condition. Will include over a half box of cartridges at the purchase price of \$52.00. Extension 8, or call 99-3322 after business hours.

APARTMENTS FOR RENT NEAR AERONAUTICAL CENTER

Reserved exclusively for CAA trainee couples. Will accept one or two children. 3 rooms and bath. Everything furnished except linens. Reasonable rates. Write W. D. Jones, c/o Aeronautical Center, P. O. Box 1082, Oklahoma City, Oklahoma, or phone 62-7710

FORMER EMPLOYEE VISITS CENTER

Howard Butler, a former Aeronautical Center employee, returned for a visit this month. Over a year ago he transferred to the Second Region, Federal Airways Maintenance taking his schooling at Puerto Rico, and is now working in North Carolina and the neighboring vicinity. Still a CAA employee.

NEW HOME

William Hielscher, of PMD, has moved into his new home at 1543 North West 43rd Street.

Course B6-Type Rating on M-E Equipment

3/19 - 3/30/51

Brubaker, W. H.	Fort Worth, Texas
Williams, C. B.	Denver, Colo.

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

3/19 - 3/30/51

Miller, Nelson D.	Columbus, Ohio
Rinebold, L. H.	New York, N. Y.
Sprague, W. B.	Washington, D. C.
Werbke, J. J.	Big Spring, Texas

Course D1-General Flight Refresher

3/19 - 3/30/51

Bromley, A. Harold	Los Angeles, Calif.
Cannon, Paul E.	Kansas City, Mo.
Stone, Frank C.	Miami, Fla.

Course A3-Helicopter-Principles, Operation
& Maintenance - 3/19 - 3/30/51

Grasser, Walter H.	Honolulu, T. H.
Hoffman, Conrad W.	Atlanta, Ga.
Miller, Ernest D.	New Castle, Del.
Miraldi, L. J.	Anchorage, Alaska
Moran, Dan E.	Helena, Montana
Taipale, Victor	Detroit, Mich.
Weaver, R. W.	Atlanta, Ga.
VanNote, Russell L.	Palo Alto, Calif.

Course A-10-Flight Testing Fund. & Aircraft
Limit - 3/26 - 4/6/51

Kachadoorian, K. V.	Boston, Mass.
Reckner, R. G.	Alexandria, Va.
Seely, L. Ross	San Francisco, Calif.
Simons, R. L.	Anchorage, Alaska

Course B5-Airline Transport Pilot Cert. Ref.
3/26 - 4/6/51

Feeney, J. T.	Eugene, Ore.
Moore, Granville L.	Shreveport, La.
Hamilton, Henry M.	Toledo, Ohio
Hyde, Derwin M.	Norwood, Mass.

Course C2-Air Navig. Aids & Oper. Ref.
3/26 - 4/6/51

Arnholdt, Eric	Washington, D. C.
Brainard, Robert O.	Houston, Texas
Leimantine, E. J.	Salt Lake City, Utah
Poteat, Jack L.	Denver, Colo.

Course A3-Helicopter-Principles, Operation,
& Maintenance, 4/2 - 4/13/51

Jordon, F. D.	Reno, Nev.
Macha, J. J.	Kansas City, Mo.
Metzger, P. L.	Portland, Me.
Robinette, F. W.	Los Angeles, Calif.
Ross, S. M.	New York, N. Y.
Tavetian, H.	Cleveland, Ohio
Tuttle, Wayne	Dallas, Texas

4/1 - 4/13/51

Frazer, John E.	Chicago, Ill.
Hemingway, J. L.	Seattle, Wash.
Prine, Roy M.	Lincoln, Neb.
Crothers, R. K.	Teterboro, N. J.
Nacht, B. T.	Oakland, Colo.
Harlow, Geo. J.	San Juan, Puerto Rico
Kelly, W. G.	Baltimore, Md.
Long, F. L.	Miami, Fla.
Alorda, Juan Jose	FN-Mexico City

Course B4-Airline Transport Pilot Cert.

4/2 - 4/27/51

Dwyer, Joseph P.	Cleveland, Ohio
Garrison, Odell	Charlotte, N. C.
Merritt, John R.	Little Rock, Ark.
Noeller, Cliff G.	Washington, D. C.

Course C2-Air Navig. Aids & Oper. Ref.
4/2 - 4/13/51

Brooke, L. M.	Minneapolis, Minn.
Hixson, Arden E.	Kansas City, Mo.
Kircher, Harry	Honolulu, T. H.
Mackenzie, K. D.	Washington, D. C.

ARRIVALS

Indoctrination Training Class No. 21
3/26 - 6/15/51

Region 1

Barrett, James H.	Sunbury, Pa.
Calfain, James M.	Worcester, Mass.
Shea, Edward F.	Fall River, Mass.

Region 2

Hall, John L.	Macon, Ga.
Henderson, Dan T.	Weaverville, N. C.
Lipman, Albert	Atlanta, Ga.

Region 3

Gray, Charles M.	Allegan, Mich.
Hagen, John A.	Fargo, N. D.
Mathew, James W.	Wolcott, Ind.
Webber, Leonard E.	Goshen, Ind.

Region 4

Nicholson, Odell	Little Rock, Ark
Self, Leonard L.	Van Horn, Texas

Region 5

Beck, John A.	East Dubuque, Ill.
---------------	--------------------

Region 6

Cross, Herbert V.	Mtn. View, Calif.
Erlandson, Erle T.	Los Angeles, Calif.
Engen, Ralph E.	Santa Anna, Calif.
Ferguson, Edwin S.	Los Angeles, Calif.
Mulvihill, Michael F.	Hermosa Beach, Calif.

(Continued on Page 23)

(Continued from Page 22)

Indoctrination Training Class No. 21

Region 7

Fairbank, Ernest G.	Dubois, Idaho
Holmer, Hugo L.	Seattle, Wash.

Region 8

Blessing, Carl D.	Anchorage, Alaska
Blodgett, E. C., Jr.	"
Langbauer, Wm. R.	"
Lewis, Robert P.	"
Montenegro, David	"
Oman, Wm. R.	"
Taylor, Roy C.	"

ILS/VOR CLASS NO. 25

4/2 - 6/29/51

Region 2

Carmean, Don L.	Atlanta, Ga.
Love, M. T.	Columbia, S. C.

Region 3

Covell, Wm. C.	Coldwater, Mich.
Marek, Geo. W.	Minneapolis, Minn.
Rushing, Walter A.	Pontiac, Ill.
Young, Geo. W.	Columbus, Ohio

Region 4

Austin, Jack G.	New Orleans, La.
Ryman, Robert C.	Wichita Falls, Texas

Region 6

Mahoney, Edward C.	Baker, Calif.
--------------------	---------------

Region 7

Griswold, Norris R.	Des Moines, Wash.
---------------------	-------------------

Region 8

Innes, Charles D.	King Salmon, Alaska
Keyes, Neil T.	Anchorage, Alaska

DEPARTURES

ILS/VOR CLASS NO. 21-1/2 - 3/30/51

Region 1

Knapp, Geo. H.	Charleston, W. Va.
----------------	--------------------

Region 2

Chase, John B.	Charleston, S. C.
Cooper, Edward D.	Atlanta, Ga.
King, James F.	Memphis, Tennessee

Region 3

Faust, Edwin C.	Millersburg, Ind.
-----------------	-------------------

Region 4

Hankins, Wm. A.	Little Rock, Ark.
Jones, James D.	Brownsville, Texas

Region 5

Austin, James E.	Ferguson, Mo.
------------------	---------------

Region 6

Stuhff, E. F.	Las Vegas, Nev.
Willits, Kenneth L.	Gila Bend, Arizona

Region 7

Miller, Russell L.	Mullan, Idaho
--------------------	---------------

Region 8

Bushman, H. D.	Lodi, Calif.
----------------	--------------

Int. Region

Coltsinos, Demetrious	Athens, Greece
-----------------------	----------------

ILS/VOR CLASS NO. 22

1/22 - 4/20/51

Region 2

Cliburn, Ermis B.	Jackson, Miss.
Van Hofe, G. E.	Wilmington, N. C.

Region 3

Kasper, A. Stanley	Cincinnati, Ohio
--------------------	------------------

Region 4

Spinato, Jerome A.	New Orleans, La.
Taylor, Cecil H.	Fort Worth, Texas

Region 5

Logan, James B.	Kansas City, Mo.
-----------------	------------------

Region 6

Pinaire, Joseph I.	San Leandro, Calif.
Tucker, Wm. J.	Wendover, Utah

Region 7

Lehman, H. Z.	Everett, Wash.
Watkins, Paul E.	Kimberly, Idaho

Region 8

Fancher, Vardra M.	Anchorage, Alaska
Landess, James D.	" "
Young, Charles W.	" "

Indoctrination Training Class No. 19

1/29 - 4/20/51

Region 1

Gammon, Robert P.	Providence, R. I.
-------------------	-------------------

Region 2

Burkhart, Joseph A.	Atlanta, Ga.
Griffith, Ross E.	Jacksonville, Fla.

Region 3

Koch, Wm. F.	Youngstown, Ohio
--------------	------------------

Region 4

Walthers, Raymon H.	Amarillo, Texas
---------------------	-----------------

Region 5

Weller, A. Wallace	Des Moines, Iowa
--------------------	------------------

Region 7

Sorenson, Randall E.	Spokane, Wash.
----------------------	----------------

(Continued on Page 24)

Indoctrination Training Class No. 19

Region 8

Benson, Billy J.	Anchorage, Alaska
Fick, John E.	" "
Fox, D. W.	" "
Murdock, Ernest G., Jr.	" "
Neilson, R. K.	" "
O'Donnell, Terence J.	" "
Painter, Joseph R.	" "
Rentfrow, Evan C.	" "
Wilcox, Philip M.	" "

AVIATION SAFETY

Course A10-Flight Test Fund. & Aircraft Limit.

4/9 - 4/20/51

Lovering, R. R.	Westfield, Mass
Probst, Lynn S.	Camden, N. J.
Schram, Richard A.	Park Ridge, Ill.
Watson, J. T.	Tulsa, Okla.

Course B5-Airline Transport Cer. Ref.

4/9 - 4/20/51

Benge, W. H.	San Francisco, Calif.
Hartley, Harold C.	Cedar Rapids, Iowa
Sharp, Chas. E.	New Orleans, La.
Strawn, H. B.	Amarillo, Texas

Course B6-Type Rating on M-E Equipment

4/9 - 4/20/51

Brant, Joe E.	St. Louis, Mo.
Gull, E. S.	Los Angeles, California

ORIENTATION AND INDUCTION CLASS #12

Name & Title

Region

Anderson, Henry W., ASA, Elec. Engr.	W.O.
Ashley, J. H., ASA, Aircraft Maint. (C)	4
Braunstein, Carl, ASA, Aircraft Maint. (C)	7
Burke, Robt. T., ASA, Aircraft Maint. (P)	8
Cecil, J. A., ASA, Aircraft Factory	5
Gunningham, W. E., ASA, Flt. Oper. (CR)	1
Dickey, L. E., ASA, Flt. Oper. (CR)	7
Dundale, J. M., ASA, Aircraft Maint. (CE)	3
Fountain, E. H., ASA, Aircraft Maint. (C)	1
Hamilton, R. R., ASA, Aircraft Maint. (C)	4
Jackson, N. H., ASA, Flt. Oper. (CR)	4
Koy, Andrew, ASA, Aircraft Maint. (C)	2
Lunsford, John, ASA, Aircraft Maint. (C)	8
Morris, J. J., ASA, Aircraft Maint. (C)	IR
Pasquale, A. A., ASA, Aircraft Maint. (C)	1
Salles, N. H., ASA, Aircraft Maint. (P)	8
Thackwell, D. W., ASA, Aircraft Factory	6
Waggoner, J. H., ASA, Aircraft Maint. (CE)	8
Wright, B. A., ASA, Aircraft Maint. (P)	3

ORIENTATION AND INDUCTION CLASS #12

(Continued)

Name and Title

Region

Ambrose, Wm., ASA, Flt. Oper.	2
Benning, Wm. C., ASA, Flt. Oper.	5
Brandon, Robt. S., ASA, Flt. Oper.	5
Cardullo, James V., ASA, Flt. Oper.	6
Eagleton, John W., ASA, Flt. Oper.	6
Good, Neil G., ASA, Flt. Oper.	3
Grand, A. H., ASA, Flt. Oper.	1
Lanigan, Harold A., ASA, Flt. Oper.	2
Lewis, James H., ASA, Flt. Oper.	4
McIver, Norman E., ASA, Flt. Oper.	4
Neumann, A. E., ASA, Flt. Oper.	6
Ringer, John W., ASA, Flt. Oper.	3
Rodieck, George E., ASA, Flt. Oper.	7
Stacy, Charles F., ASA, Flt. Oper.	7
Thomas, Samuel E., ASA, Flt. Oper.	4

Coan, Lester H., ASA, Flt. Engineering	6
Westfall, V. D., ASA, Flt. Engineering	3



WRONG NUMBER

Recently a rush call for workers was placed at the local employment office. No men were in the office waiting for work and the active file was low so the interviewer decided to call a local pool hall.

Interviewer: "Do you have any fellows laying around there that could do a little work?"

Voice: "Well, we do have some laying around, but I don't think they can do you much good. This is the funeral home."

The "poor house" is always the last house on Easy Street.

"My husband is an efficiency expert in a large office."

"What does an efficiency expert do?"

"Well, if we women did it, they'd call it naggin'".

Father: "Who was that man I saw you kissing last night?"

Daughter: "What time was it?"

Passenger: Have I time to say goodbye to my wife?

Conductor: Depends on how long you've been married.'

Question: What is an "H" bomb?

Answer: An "A" bomb with Hadacol in it.

Question: What is a Chiclet?

Answer: A son of a Beechie

Question: What is a buccaneer?

Answer: Too much to pay for corn

Conscience gets a lot of credit that belongs to cold feet.

- 25 -
The longest word in the English language is the one following the phrase: "And now a word from your sponsor".

A kiss is the shortest distance between two.

A young lady after a broken engagement returned all the gent's letters marked, "Fourth Class Male".

I like work; it fascinates me. I can sit and look at it for hours.

DEFINITIONS

Canapes - a sandwich cut into 24 pieces.

Girdle - a device to keep an unfortunate situation from spreading.

Vacation Folder - a trip teaser.

A mother had been lecturing her small son, stressing that we are in this world to help others. He considered this, then asked somberly: "What are the others here for?"

Mother rabbit to her small child: "A magician pulled you out of a hat --- now stop asking questions!"

Mother snatching up toddler who had just smashed a lamp: "That settles it! You're going to be an only child!"

Opportunity knocks only once but temptation bangs on the door for years.

Seen on doctor's overdue bills: "Long time no fee".

Youth is a wonderful thing. What a crime to waste it on children.

At a fashionable wedding, the groom noticed that one of the guests looked rather glum. "Have you kissed the bride?" he asked by way of cheering the gloomy one up.

"Not lately," replied the guest with a far-away look in his eyes.