

CAA AERO. CENTER



Imparting knowledge is only lighting other men's candles at our lamp without depriving ourselves of

any flame.
pp **BEACON** 9v

June 7, 1950

OKLAHOMA CITY, OKLAHOMA

Vol. I, No. III

"BEACON" CHANGES PUBLICATION DATE TO THIRD WEDNESDAY EACH MONTH

Starting with the July issue, the Aeronautical Center "BEACON" will appear on the third Wednesday of the month instead of the first as at present.

The change was found necessary by staff members to avoid the "first of the month" office rush in most departments.

Distribution of the "BEACON" is steadily increasing and now includes in addition to Center employees all CAA regional offices and their several departments. Additional copies are being furnished to the Regions upon request for distribution to their major stations.

Comments and suggestions are welcomed and contributions of interest are appreciated. Deadline for copy will be the second Wednesday of each month.

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Hot weather hint: Take care lest you get a cold shoulder in the deep freeze.

AERONAUTICAL CENTER NOW FOUR YEARS IN OKLAHOMA CITY

The month of June marked the fourth year for the Aeronautical Center as a combined and major training center in Oklahoma City.

Since establishment of the Center at Oklahoma City in June 1946 there has been brought here its Standardization Center from Houston, Texas; its Signal Training School and its Federal Airways equipment warehousing from Fort Worth, Texas; its Communications Operations School from Seattle, Washington; and its International Training School from Kansas City, Missouri. Other departments and service facilities have also been added in the interim to bring it to its present expanded size.

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Confucius say:

The essence of knowledge is, having it, to apply it; not having it, to confess your ignorance.

The BEACON is prepared and published monthly by the CAA Aeronautical Center Employees' Association as a service to all CAA personnel.

Staff Members include:

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

Published at:

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

AERO CENTER BEACON GETS FACE LIFTED WITH NEW FRONT PAGE

After due consideration of a suitable front page for the "BEACON", it was decided that a photograph of the Aeronautical Center should be included. Numerous aerial photos were taken by staff photographer, L. E. Shedenhelm, and the selection was made as appearing in this issue.

Befitting the title "BEACON" and the Aero Training Center in general, a quotation was also selected as follows:

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

LIGHTING OTHER MEN'S CANDLE WITH OUR OWN

The teachers' training course begun last evening and offered to all instructors by the Aeronautical Center is another very commendable and worthwhile effort on the part of the Administration to provide the very best of training to CAA employees.

It should not go unnoticed or in any way minimized.

The art of teaching is a difficult one to acquire and often does not come naturally, but must be learned.

The rewards in the teaching profession often are not commensurate with the effort required. Long hours of study, preparation for lectures, writing text material, grading papers and arriving at fair and wise evaluation of student qualifications during off-duty hours demand sincere and outright love of teaching as justification.

There is a wholesome feeling of pride, perhaps, and a desire to give to others that which we have learned. From an apt quotation, "Imparting knowledge is only lighting other men's candle at our lamp, without depriving ourselves of any flame.".....Jane Porter

A. W. S.

AERO CENTER PROVIDES TEACHER TRAINING IN NIGHT CLASSES BEGINNING JUNE 6

A teachers' training course provided under the sponsorship of the Aeronautical Center was begun Tuesday, June 6, with approximately 75 Center instructors enrolled and attending the first two-hour session.

O. W. Davidson, of the Oklahoma University, faculty, will be instructing the nine-week course, meeting each Tuesday from 7:00 until 9:00 P.M. in the upstairs west classroom in Hangar 50.

Nearly all Center instructors have already enrolled and a special text "How To Instruct" has been selected and prepared for free distribution.



TEAM WORK

The success of any undertaking, project or organization is not the result of haphazard planning, trust to luck or a carefree attitude on the part of those concerned. Rather, it is the direct response to careful analysis of current problems and the faculty of foreseeing future obstacles sufficiently ahead of time to have a possible solution ready. This, combined with the inexpendable asset of teamwork and cooperation of all parties involved, will lead to unerring paths of attainment.

No team is a winner without a definite goal, a clear-cut plan of action, the whole-hearted willingness of its members, and the respect which naturally follows good leadership. A team in the throes of confusion, individual indifference and selfishness quickly falls by the wayside.

An employee in order to meet the expectancies of his position must have all of the four following prerequisites:

1. Willingness to be of real service
2. Ability to inspire enthusiasm
3. Initiative
4. Technical and/or administrative ability.

To be of real service, an employee must be willing to exert every effort in accepting and accomplishing the responsibilities and duties of his position. He must place these responsibilities and duties above all else.

A good employee must never forget that it is a duty of his position to arouse interest and enthusiasm among his fellow employees. There is no such thing as complete attainment of a goal without demonstration of enthusiasm on the part of the members. In the case of supervisory personnel, a good supervisor will encourage his employees to feel perfectly free in making their opinions known and avoid any trend toward causing the employees to feel subordinate or self-conscious in making suggestions for the improvement of a program.

Initiative on the part of every employee is of prime importance. All employees must unceasingly be on the offense. New ideas must be continually forthcoming regardless of whether they relate to recreational activities, or preparing recommendations for short cuts or streamlining of administrative or technical procedures and methods.

Technical and/or administrative ability is of course essential. In making contacts with those outside the organization, it is vitally important that our attitude be one of helpful cooperation at all times. This applies to each and every employee, regardless of the position involved. Above all, be courteous and treat everyone as you would like to be treated under similar circumstances.

Technical and/or administrative ability is required further, especially in the case of supervisory personnel, in coordinating the activities of various offices, in analyzing recommendations and being able to pick out the "meat" of the matter in making important decisions, or in the preparation of material for presentation. Such ability also involves the very important factor of being able to accurately interpret and discuss provisions of governing rules and regulations.

Although the duties and responsibilities of our various positions are for the most part clear-cut and explicit, the possession of the foregoing four essential factors on the part of any employee will result in maximum performance.

FACILITIES BRANCH WILL OPEN MECHANICIAN COURSE IN FALL

In preparation for the opening of a training course for Airways Maintenance technicians, another two-story classroom and building for office is being moved to a location on S.W. 62nd next to the Facilities Branch office building, according to C. E. Gardner, Chief.

The new training program for Airways Maintenance has been under consideration for some time, and recent inquiries from Washington indicate early implementation.

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DME COURSE AGAIN POSTPONED

The starting date of the Distance Measuring Equipment training course in Facilities Branch is still indefinite, pending acquisition of qualified instructors. Because of recent developments in Washington, the new program is at present at a standstill.

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FLIGHT INSPECTION IS GROWING

The Facilities Flight Inspection Branch has six new members. Included are Airways Flight Inspector Instructor W. E. Eikenberry, formerly of the Technical Development and Evaluation Center; Flight Radio Maintenance Instructor Max E. Kincaid, formerly of the Fifth Region; Radio Technician Herman E. Irwin, who transferred from Tinker Air Force Base; Radio Technician Robert S. Sypherd of High Rolls, New Mexico; Radio Technician George R. Perry of Fort Worth, Texas; and Laboratory Electronic Mechanic Milton Shelton, who transferred from the Aircraft Service Branch.

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CAA TEST CLASS AT FLIGHT INSPECTION

On May 15 a test class was initiated for instruction of CAA Flight Inspectors in the Jenks method of flight checking omni-ranges. Instruction was to be of two weeks duration. Students attending this class were H. O. Gray, Fifth Region; R. H. Hunt, Fourth Region; J. P. McDonnell, Third Region; and W. D. Eikenberry, Aeronautical Center. Arthur Jenks, Chief, Facilities Flight Inspection Branch, First Region, assisted in the instruction of CAA men.

STANDARD PROCEDURES FOR PB-10 AUTO PILOT

Mr. C. F. Patterson, factory representative from Eclipse Pioneer Division, Bendix Aviation Corporation, Teterboro, N.J., made a short visit here at the Center, after attending a conference in Washington to establish standard procedures for using the PB-10 Auto Pilot.

It is expected that the CAA will adopt these procedures as recommended procedures for all people that have this type of auto pilot, and the center is already using these procedures with its own equipment.

During his visit, Mr. Patterson checked the operation of our PB-10, which is installed in N-100, and cleared up several questions in the minds of our instructors as to the use of the equipment. At present the Center's auto pilot is considered to be in full operation, under standard procedure.

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AERO COMMAND MAKES BRIEF STOP AT CENTER

The new four-place, twin-engine Aero Command is being service tested by Bert Bantle, Engineering Flight Test Agent. These service tests are extended flight experiences to determine aircraft airworthiness and durability following the exacting type certification tests. Upon satisfactory completion of these tests, type certificate is issued.

It is expected that the Aero Command will be type certificated in the very near future and negotiations are still underway to manufacture this airplane in Oklahoma City.

The ship was also flown by David L. Baker, Safety Operations Branch, and Bud Binion, Atlanta, Georgia.

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CRAYMER GOES TO FIFTH REGION

Loring G. Craymer of the Facilities Flight Inspection Branch spent the past two weeks on detached service with the Facilities Flight Inspection Branch of the Fifth Region.

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1500 CAA EMPLOYEES ARE ENROLLED IN CENTER HOME STUDY COURSE

In the nine CAA regions 1500 employees are to date enrolled in the mathematics directed Study Course, provided at the Aero Center in Facilities Branch, according to a recent survey conducted by John C. Straiton, section chief.

Although designed primarily for Facilities Maintenance Technicians, the course is open to ALL CAA employees. Arrangements are being made now to supply it to the Phillipine Islands CAA.

Course I, Engineering Mathematics, consists of 24 lessons and 8 examinations covering algebra, trigonometry, and the fundamentals of differential and integral calculus.

Course II, Principles of Radar, is to be started soon and is to qualify men to attend the GCA school here at the Center. Negotiations have been started to supply it to the Radar technicians of the Weather Bureau.

Planned for the future are additional courses in AC Theory, Radio Theory, Mathematics and Power Plants for the Mechanician, and Digest of Current Technical Developments.

Mr. Straiton reports that, although there is no compulsion or time limit in taking the Directed Study course, most enrollees show steady willingness to complete the training. None have as yet maintained a 100% average, but, on the other hand, very few fail.

Examinations are carefully graded and every attempt is made to give personal attention to the individual problems of each student. Examinations arrive at an average rate of 10 daily for grading and new lessons are sent out promptly. The present staff, in addition to Mr. Straiton, consists of A. B. Ashley, Instructor; Norma Trogon, Secretary; and Juanita Prentice, part-time secretary.

PROFICIENCY TRAINING

Instructors of the Safety Operations Branch are assigned periodically to the various regions for proficiency training. Merrill C. Morgan, Chief, Operations Section, is presently assigned to the New York City district offices for approximately four weeks.

DIRECTOR FRED LANTER ATTENDS CONFERENCE

During the week of May 22 Fred M. Lanter, Director of the Aeronautical Center, attended the semi-annual Regional Administrators' Conference in Washington, D.C.

ARMY CLASS AT FLIGHT INSPECTION

May 1 was the starting date for Air Force Class 50-F at the Facilities Flight Inspection Branch. The new students were Lt. Thomas P. Awbrey, Lt. Ralph A. Frederick, Lt. James A. Livsey, Capt. Howard T. Headley and S/Sgt. Carl E. Watts. With the exception of Lt. Frederick, who is on detached service from Andrews Field, all students are from the 1856th AACs Squadron, Tinker Air Force Base.

AIRCRAFT STANDARDIZATION CONFERENCE

C. Pfrommer, J. Evans, and S. North from Washington, D.C., arrived at the Aeronautical Center May 8 to confer with the Facilities Flight Inspection Branch and other personnel regarding the standardization of CAA flight checking aircraft.

"MR. SMITH GOES TO WASHINGTON"

Warren W. Smith, Chief, Aviation Safety Standardization Division, spent the week of May 29 in Washington, conferring with the Director, Office of Aviation Safety and various personnel of that division.

FLIGHT INSPECTION BORROWS L & S MAN

Frank Opeka of the Lighting and Structures Maintenance Branch, Washington, D.C., is now on detached service to the Facilities Flight Inspection Branch. He is working on the flight inspection aircraft standardization program.



OSCAR "FRANKENSTEIN" PAUSES TO POSE IN MEDICAL RESEARCH LABORATORY

Oscar is a guinea pig scientist. He sits in his 50-ton "pressure chamber" home and quietly, with never a complaint, suffers all kinds of abuses. Being blown off his chair or through a window is just another day's work for him; all in the interest of science so that you, the flying public and the pilots and hostesses may soar in safety. And as a result of his trials even the military defense of our country is aided. 113 AAF test pilots recently received part of their indoctrination training in in the Aero. Medical Laboratory.

But Oscar is only a pawn in this great work of investigating greater passenger and pilot safety in aircraft. Since April 1948 John J. Swearingen, chief of of the Aero Medical Design Laboratory, has labored installing and operating extensive equipment, conducting experiments and reporting results and building up a competent staff as he progressed.

Doc Swearingen writes:

"With the increase of importance of Commercial Aviation a pressing need for a medical research laboratory to solve problems specific to Civilian Aviation becomes apparent. Some of the problems



Holding a serious pow-wow during a meeting of 30 representatives of 15 national aviation organizations in Oklahoma City are left to right: F. M. Lanter, Director, Aeronautical Center, D. W. Rentzel, Administrator, CAA, George E. Haddaway, Publisher, Southern Flight Magazine, Joseph J. O'Connell, Jr., Chairman, CAB. The purpose of the meeting was to establish a Conference of National Aviation Organizations to act for an overall total of 95 aviation groups in consolidation of effort and unity of purpose.

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of safety and comfort which do not apply to military aviation arise from the differences in personnel. Passengers on a commercial aircraft may range from infants in arms to very elderly people, while most of the military personnel are young healthy men.

As man leaves his native environment and tries to fly higher and faster he tries to take a piece of his environment with him in the form of a pressurized cabin. Any failure of this mechanical equipment causing a loss of his artificial environment subjects the passengers to a new environment where he cannot survive without special equipment. Any mechanical failure of an aircraft resulting in loss of ability to fly allows the plane and its passengers to be drawn back to their natural environment by gravity subjecting them to sudden decelerative forces. Medical research is directed at preventing such emergencies and protecting passengers and crew members when and if they do occur."

The Aero Center Medical Design Lab is only a part of CAA Medical Research at the Center. In January 1948 the Clinical Research Laboratory was set up and operates under the direction of Dr. Philip Stumm, Chief; and in Sept. 1949 the Physiology Laboratory was established, and is presently staffed by Earnest B. MacFadden, Medical Technician. A planned Biophysics Laboratory has not yet been activated. Consultant for all branches CAA Medical Research is Dr. Fred A. Hitchcock, head of the Physiology Dept., Ohio State University, who divides his time between the university and the Aero. Center.

Already and directly as a result of research here at the Center many improvements in comfort and safety have appeared. For instance, from the Clinical Research Lab came the original design of a shoulder harness for personal type aircraft now being adopted by Beechcraft with some minor changes for use in their aircraft. Other projects under study in the Clinical Lab at present are: Configuration of safety belt in crashes, determination of ideal position for passengers to assume for emergency crash, and testing of designs and materials for a first-aid kit suitable for personal type aircraft.

Automobile body designers as well as aircraft designers have used reports from the Aero. Medical Lab dealing with "eye level measurements as a basis for aircraft cockpit design". The most comfortable angle for your knees while in sitting position has come under study in the Lab and the reports are now being used by car manufacturers who requested them.

Another notable example of CAA Medical Research achievements is their investigation of strain patterns in aircraft safety windshields. Pilots wearing polaroid glasses had observed black and white shadows in cockpit windshields while looking at blue sky. Studies were made of causes and effects of these strain patterns with the result that airlines have prohibited use of polaroid glasses during flight.

Since your safety in flight is largely in the hands of the pilot, investigations of pilot fatigue, now under study in the

physiology lab, is of vital importance. Pilot fatigue, heretofore measured on the basis of mere hours of flying, is now being studied on the basis of work performed in making numbers of landings and take-offs, and the increased strain of piloting higher speed aircraft.

Getting back to Oscar, the "determination of critical distance from passenger cabin windows in explosive decompression" is under detailed study in Aero. Medical. The pressure chamber in which Oscar sits so rigidly, is capable of simulating 54,000 feet of altitude (that's nearing a perfect vacuum, by the way) and is produced by an electric motor vacuum pump.

So it is that, to prevent any possibility that you as a passenger or some navigator or bombardier may be "explosively decompressed" out of a window should any such unusual structure failure occur, Oscar and his gang carry on.

The list of research projects contemplated and under way in the Aero. Medical Lab is lengthy. It is included here for those who may find it of interest.

- a. Design and construction of an adjustable mockup.
- b. Measurement of forces used in operation of controls.
- c. Specifications for head clearances in design.
- d. Head clearance and arm reach measurements in personal type aircraft design.
- e. Head clearance and crash injury in air carrier aircraft.
- f. Measurements of course and extent of head movement for prevention of crash injury.
- g. Safety design for the prevention of head injuries in transport vehicles and machine installations.
- h. Hearing loss at altitude due to physiological changes.
- i. Effects of low pressure on hypertension.
- j. Studies of emergency procedures in event of explosion decompression.



Soft lights, tuneful swing, lilting songs, laughter, dancing couples, and the tinkle of glasses made memorable the evening of May 12 for CAA employees at the Cedar Terrace ballroom. From nine until the not-so-wee small hours gayety reigned, the humdrum of office and classroom forgotten. Deemed a complete success the dancing party, scenes of which are shown, was sponsored by the CAA Employees Association. An encore is expected in the cooler early fall months.



CAA AMATEUR NEWS

CAA AMATEUR RADIO CLUB NOTES

Work on the redesign of the Club's two Very High Frequency transmitters is progressing slowly due to lack of time among the Facilities Branch personnel who are devoting their free weekends to that purpose. It is hoped that mid-summer finds the additional transmitters operating on the 27, 29, 50, and 144 megacycle amateur bands.

The Club's antenna system is scheduled for a renovation, with coaxial feed to separate doublets for the 3.5, 7, and 14 megacycle bands. The crowning touch, however, will be the uni-pole ground-plane and set atop the tall pole beside Building 10. It is hoped this pole escapes the fate of the one at the Glide Path Training Facility site. Have you seen what the lightening stroke did to it?

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CAA RADIO AMATEURS SPARKPLUG EMERGENCY DRILL

In a drill held May 14 to test the effectiveness of the Amateur Emergency Corps in providing communication from disaster areas, CAA employees played a major part.

Claude E. Gardner, W5AGM, the Oklahoma State Emergency Coordinator, acted as liaison agent between the local unit and the McAlester unit (under Harry Wilson, W5BGC) and also provided a central clearinghouse for traffic from local portable stations.

Carl C. Drumeller, W5EHC, the Oklahoma County Emergency Coordinator, called the roll of the 21 stations and then announced a simulated emergency 8 miles west of Oklahoma City. Within 15 minutes three mobile stations had reached the site and established communication with W5AGM. Among these was Elmer Fields, W5BKN. Seven minutes later Drumeller's portable station was operating from the "disaster" site. John H. Ott, W5LEV, and Arthur W. Schmitt, W5RDI, operated

fixed stations to provide outlet for emergency traffic. The CAA Amateur Radio Club station, W5PAA, also contacted the portable stations. Three other CAA amateurs, Robert Gardner, W5RPH, Walter Hill, W5HXT, and Robert S. Lee, W5GGK, customarily take part in these activities, but were unable to participate in the May 14 drill.

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"BEACON" WILL PROVIDE NEW SERVICE WITH FREE WANT AD COLUMN NEXT ISSUE

Starting with the next issue appearing the first Wednesday of July, the Aero. Center "BEACON" will inaugurate a new service to employees of the Center by providing free Want Ads of the personal type.

Items such as Lost and Found, house or apartment rentals and sales, bids to fill car pools for transportation, sales of personal items and other items of such nature will be printed.

Items must be submitted in writing and no responsibility can be assumed except that accuracy of printing will be carefully checked.

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PROFICIENCY TRAINING AIRCRAFT BRANCH

Aircraft Branch instructors have been busy traveling this last month. Emil Bjorkman and Ray Matthews have both been to Texas to speak at designated inspectors' meetings, at the request of the Fourth Regional Office. Mr. Bjorkman journeyed to Houston, and Mr. Matthews went to Ft. Worth.

Hope Biggers left for five days to attend a Regional Administrators meeting in Atlanta, Georgia.

T. W. Howard finished teaching his class just in time to go on two weeks' active duty with the Army at Tinker Field.



Winners all! The winning team and the individual high scorers of the CAA bowling League smile with mingled joy and regret. It was fun being a winner, but all regretted the close of the season which ended May 21. Shown in the picture at left above are (left to right) Ray Orren, Juanita Prentice, Howard Barnett, Ava Wells and J. Davidson, all individual prize winners.



In the picture at right above are members of the Alley Cats team which won first place. They are Ben Hess, Claudine Harrel, J. C. Biddy, Ida Lee Smith and Clark Affleck.

BOWLERS END SEASON IN BLAZE OF GLORY

Cries of "Strike!" and Spare!! rang out for the last times on May 21 at Brantley's Bowling Alleys as the CAA Bowling League finished the 1949-50 season in a blaze of red-hot competition among the top teams.

When the season came to an official end on May 14, it was found that two teams (Alley Cats and Comets) were tied for first place; and three teams (Super Jets, Night Owls and Ground Crew) were tied for third place. A play-off and jackpot night decided the top three teams as follows:

- FIRST PLACE: Alley Cats (Picture above)
\$15 prize money
- SECOND PLACE: Comets (Stephens, York, DeWitte, I. Raymond)
\$10 prize money
- THIRD PLACE: Super Jets (F. Gynn, H. Donceel, E. Gynn, J. Donceel, Orren)
\$5 prize money

Individual high scores for men and women went to Rayford Orren (229) and to Juanita Prentice (228), carrying prize money of \$5 each.

Individual high series for men and women went to Ava Wells (512) and to Howard Barnett and J. Davison (tied with 586). Prize money of \$5 each.

The high single game for a team was won by the Deadbeats (Ozment, Motley, Krause, Lamb, Dennis) with an 816. Prize money of \$5.

The high series for a team was won by the Night Owls (Wells, Bennett, Collins, Van Wald, Blevins) with a 2273. Prize money of \$5.

The feature of the last evening was a free-for-all handicap tournament for a sizeable jackpot. Money was paid to first, second and third place winners in both men's and women's divisions. Winners and their scores are:

| MEN | WOMEN |
|---------------|------------------|
| Orren....637 | A. Wells....561 |
| Jackson...621 | J. Donceel...558 |
| McNally...619 | E. Gynn....543 |



**MR. & MRS. L. JAKE SMITH
VOWS SOLEMNIZED IN STATE CHURCH**

Miss Ida Lee Smith, 2935 NW 17, daughter of Mr. and Mrs. Don R. Smith, Walters, became the bride of L. Jake Smith, 2008 S. Central, in the First Baptist Church of Walters. Rev. John J. Evans officiated at the ceremony at 3:00 PM on April 16.

Mr. Smith is the son of Mrs. Eula Lee Smith, 2008 S. Central.

Arrangements of white gladioli and huckleberry decorated the church. Mrs. J. R. Reynolds accompanied Pat Beasley, who sang "Oh Promise Me" and "Because".

Given in marriage by her father, the bride chose a white gabardine suit with which she wore navy blue accessories. Her veiled hat was covered with small white roses and she carried an orchid on a white Bible.

Mrs. Doyle Best was her sister's matron of honor. She wore a lime green suit with navy accessories and a corsage of white carnations. Miss Magdalena Roland, 2935 NW 17, the bridesmaid, was in a light gold suit with sable mist accessories and a corsage of white carnations.

Mrs. Madlyn Chilcoat, Healdton, another sister of the bride, lighted the candles. With her

(Cont'd. Page 11, Col. 2)

WEDDING BELLS TO RING JULY 1

John Kempf, instructor, Aviation Safety Standardization Division, is about to embark upon the sea of matrimony.

He and Miss Eileen Parker, stewardess with American Airlines, are to be married on July 1 at 9:00 A.M. at St. George's Catholic Church in Fort Worth.

Miss Parker was formerly an employee of the CAA and resides at the present in Fort Worth.

Lee Covert, also an instructor in the Aviation Safety Standardization Division, is to be best man and Steve Matula, of the CAA, is to be an usher.

The couple plan to establish residence in Oklahoma City upon their return from the honeymoon.

Best wishes, Johnnie.

SMITH WEDDING

toast-colored suit, she wore brown and white accessories. Her flowers were white carnations.

Nig Smith, 1720 SW 14, was best man. The ushers were Nick Harroz, Jr., 224 W. Boeing Drive, and Paul Murphy, 105 NW 30.

A reception was held in the church parlor. Those assisting included Mrs. A. E. Wilcox, Shawnee, aunt of the bride; Miss Asia Krause, 1116 NW 24; and Mrs. J. M. Golden, Walters.

After a two week honeymoon, the Smiths are located at 6800 1/2 NW 13. Highlights of their trip were Albuquerque, the Grand Canyon, Boulder Dam, Las Vegas, Painted Desert, Petrified Forrest, Death Valley, Nevada City, Reno, San Francisco and Los Angeles, returning by way of Phoenix.

WEDDING BELLS CONTINUE TO RING FOR CENTER PERSONNEL

Ernest H. McFadden, Laboratory Technician, Medical Branch, was wed on June 4 to Mrs. Jessie Sharp.

Congratulations, Mac.

FACILITIES INSTRUCTORS TAKE TRIP

O. A. Nash and Arthur D. Edgerton, instructors in Facilities Branch Indoctrination, visited communications stations in the Fourth Region, including Fort, Worth, Tyler and Dallas during the week of May 29 - June 3. They reported inspection of the Tyler, Texas tower installation having the new type remote receiver-transmitter console for use at low traffic density airports. Only four of these installations have been made in the U.S. on a test basis.

Mr. Nash took numerous photographs of the installation for use in Facilities Branch Indoctrination classes.

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JAPONICA CLUB WILL HOLD PICNIC JUNE 10

All members of the Facilities Branch are invited to attend the Japonica Club picnic being held at Wiley Post Park at 4:00 PM Saturday, June 10, according to Mrs. Oswell Nash, president.

The Japonica Club is a "garden variety" organization, and was formed among Facilities Branch wives in February under the sponsorship of the Rosemary Club. Both are affiliated with the Oklahoma City Council of Garden Clubs.

For those who might wonder at the name, a "japonica" is a flowering shrub more commonly known as Flowering Quince, alias "Burning Bush".

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NEW EMPLOYEES

Kenneth A. Jenkins has joined the Facilities Branch, Radar Aids Section, as instructor. Mr. Jenkins transferred from the Sixth Region where he was assigned to the radar installation at Los Angeles International Airport. All we have to say is that this transfer is the Aeronautical Center's gain and the Sixth Region's loss.

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On May 12, 1950 John F. Hann transferred to the Aeronautical Center as Flight Operations Specialist (Instructor) with the Safety Operations
(Cont'dl page 12, Col. 2)

SILVER BELL ENJOYS CAKE WALK

An unusually enjoyable evening was had by members and guests of the Silver Bell Square Dance Club at its last regular meeting. About fifty members and guests competed with one another during intermission for the many beautiful cakes that were "walked off" to the lucky persons. The luckiest persons present were guests Tola Faye and Vern Snodgrass who won two cakes. Mr. & Mrs. Snodgrass were guests of Imogene and Bob Hunter.

Contributing factors toward a lively and enthusiastic dance were the attractive hall decorations put up by Norma Mahan and Lucy Farthing and the new public address system recently purchased by Don Farthing.

President George Dennis took a poll of the members, and it was agreed to hold the next scheduled dance on the tennis court adjoining the school building. If you are interested in square dancing, come out and spend an enjoyable evening with the Silver Bell at its next dance on June 21.

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CORNERS OF THE WORLD PACKS HOUSE

Corners of the World Square Dance Club had a full house at its last regular dance on May 26. A number of guests were present and helped form eight squares which is almost capacity for the hall. Caller Don Farthing and the orchestra were especially in fine fettle and conducted a most enjoyable dance. During intermission refreshments of ice cream were served.

The next regular dance is to be held Friday, June 9, at the Community Hall.

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Branch. Mr. Hann was previously stationed in St. Louis, Missouri, as Flight Operations Agent.

Mr. & Mrs. Hann, and their 4 month old son, David Bruce, reside at 5009 Steanson Drive.

Welcome to the Aeronautical Center, Mr. Hann.

WILL ROGERS BOY SCOUTS SPEND WEEK AT CAMP

Troop 89 of Will Rogers Field, sponsored by the VFW Post 9265, completed a very successful week at Walnut Grove campsite last Saturday, June 3rd. Twelve boys from the field and one visiting scout camped in tents on the above mentioned campsite.

Meals were eaten at the Camp Mess Hall, and one mother reported that her son gained approximately ten pounds during the week he was at camp.

The group of boys that attended camp were as follows: Larry Schmitt, Charles Keith, Jack Ferguson, Benny Hopkins, Bob Wilson, Danny Coplin, Charles Thomas, Morgan Gardner, Sonny Simmons, Jack Porter, Charles Blenkin, Jerry Rogers and George Johnston.

Three of the boys qualified for pro-Marksman awards in rifle shooting. All boys who did not know how to swim learned while in camp, and all of them tried their hand at archery. Benny Hopkins qualified for First Class and was called out as a candidate for the Order of the Arrow, an honor campers organization. Danny Coplin qualified for the second class badge. The rest of the boys were having too good a time catching pet snakes, turtles or just wandering through the poison ivy over the hills to have time for completing their badge requirements. However, all boys made some progress up the scouting trail, even if not completing a badge.

Scoutmaster Bob Gardner used up the first week of his annual leave so that the boys could have an adult leader with them while in camp.

Anyone knowing of a trailer with high side boards that is not in use at present, please contact Bob Gardner. This trailer is needed by the Scouts to collect papers to be sold in order to provide funds for the Scouts.

STUMM'S CHUM

Have ya' heard, Dr. Stumm has a chum - the Mooney aircraft he has purchased.
Have ya' heard, Dr. Stumm dropped his chum - with the gear up.

GARDNER PITCHES FAITH HEALING TENT

HOW 'BOUT THAT?

It has been reliably reported that C. E. Gardner (man about the Aeronautical Center) has obtained a controlling interest in a modern, deluxe faith healing establishment. He is now in a position to administer solace, advice and healing to those in need. He is hopeful of obtaining healing for his clients and "heeling" for himself. He has taken the Hypocritical Oath. His rates are reasonable, considering the service rendered, and he is in a position to offer special reduced prices on used crutches and canes. All CAA employees are cordially invited to visit the establishment and see for themselves how far faith can carry a person (Mr. Gardner bought the place on faith.) Further details will be furnished upon request.

A GLANCE AT THE DANCE

It is interesting how these CAA dances can bring to light talents and skills that go unnoticed during the regular work day. To wit:

Molly G. and Marge S. stepping off the Charleston . . . Monroe E. playing the comb—without music, mind you . . . Jack A. walking that narrow footbridge in the cafe . . . Phillip S. beating a mean boogie . . . Albert B. discarding his crutch soon after therapeutic Rx . . . The mike reporting "Stu stewed" . . . Guy F. taking up where Nijinsky left off . . . Jack W. and friends eating corn from the same bag . . . John S. still going at "Home, Sweet Home" . . . Murph S. carrying on as the only Ps photographer in the world . . .

NEW HOMES

Prosperity apparently has come to several employees of the Aircraft Branch. Bill Johnson is all set to move into his new home, and has extended a very gracious invitation to all his friends, acquaintances, and would-like-to-be friends to come out and help plant grass. He points out that this would not only be a neighborly gesture, but also good healthy exercise. Another new home owner is Harold Smith who is waiting till his new home gets the finishing touches before he moves in.

SPORTS & HOBBIES

This department would like to know what has happened to all the sports and hobby enthusiasts on the field. We know there are some folks here who are interested in tennis, softball, ping-pong, and other activities, so let us hear from you. **DON'T BE BASHFUL**. It will take only a minute of your time to let us know of your interest and support. We can't organize a club without members.

FISHING NOT SO GOOD

We have quite a few would-be fishermen in the ranks at the Aircraft Branch. Mrs. Lois J. Lewis decided that rather than be a fisherman's "widow," she would learn how it's done so she could go along. Her first attempt, however, wasn't too successful, but we think she will try again. James McManus reported, after the recent holiday, that nothing was so frustrating as sitting on the bank all day, and with nary a bite, and swears that he will never go back to Lake Hefner. At least not when the wind is from the north, which, it seems, keeps the fish from biting.

SHIVELY SHUFFLES TO D. C.

Paul H. Shively, Chief, Supplies and Services Section, has returned from ten days spent in Washington. While there, he attended a contracting officers' conference.

99er ANN GOES TO CLINTON

The 99ers were guests at the Flying Farmers' Luncheon, held at Clinton, Oklahoma, May 21. Someone certainly trusted Ann Martin because they let her take off in a Trojan plane owned by Catlin-Hutchinson. She tells us it's worth a trip to Clinton just to see the Rogue's Gallery in one of the hangars there. The gallery consists of the painted sections that service men painted on their planes during the war.

NEW ARRIVALS

Alfred B. Ashley, of the Facilities Branch, was passing out cigars and candy last week. **IT'S A BOY!** Born May 13 and weighing 6 lbs, 9 oz. Stephen Elliott is the "leette bambino's" name. Cheer up Ashley, the 2:30 AM feeding won't last forever.

* * * * *

About the first week in May we had a very excited fellow-worker at the Aircraft Branch. Mr. Calvin Floyd came in bright and early with cigars for everyone, and they were wrapped in pink cellophane with the announcement, "It's a girl." Sandra Gail Floyd was born May 2, weighed in at 7½ lbs. and papa couldn't be prouder.

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TENTH ANNIVERSARY

The N. H. Rudasills, Safety Operations Branch, celebrated their tenth wedding anniversary on Monday May 29. From all reports - TIN was flying all over the place. To help the Rudasills celebrate were: The David L. Bakers; Bud Binion, Atlanta, Georgia; Jerry Davidson, Chicago, Illinois; Mr. and Mrs. William D. Jones; Elwyn Rowe, Robert Winkler, Mr. and Mrs. "Stu" Fraker; and the Ross Carpenters.

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ALASKAN FRIENDS TOGETHER AGAIN

John A. Brodwell of the Structures Materiels Section, Washington, D.C., is visiting the Project Materials Division. Mr. Brodwell and Mr. Washburn, Chief of PMD, served together in Alaska.

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LAWRENCES HOME FROM VACATION

Mr. and Mrs. Frank Lawrence and daughter, Susan, have just returned from a three-week vacation and visit with friends and relatives. Visits were made in Missouri, Ohio, Alabama and Georgia.

AVA TAKES RAINBOW TOUR TO CHURCHILL DOWNS

Ava Wells of General Service Branch left Oklahoma City by railroad on May 3, 7:00. The tour, conducted by Mr. Kornbaum, of the Rainbow Tour Agency, visited St. Louis, Mo., Louisville, Ky., Lexington, Ky., and Memphis, Tenn.

While at Churchill Downs, Ava, being a loyal "Okie", placed her money on "Oil Capitol". Ava was loyal, but the horse was not.

Ava would recommend a Rainbow Tour anytime. She had a lovely time.

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UNUSUAL WEATHER! IN OKLAHOMA?

On May 19, the weather was so bad R. C. Boone, Santa Maria, California, had to bail out of the Link!

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NEW ADDRESSES

Virgil W. Holden, Safety Operations Branch, has recently moved to 2336 Guilford Lane.

Leland G. Covert, Safety Operations Branch, has moved to 1200 SW Binkley.

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AIRWAYS OPERATIONS BRIEFS

E. L. Mars, communications instructor, has been doing refresher work in communications at the Communications Station, Municipal Airport, for the past two weeks.

Burton V. Stevens, communications instructor, has been doing on-the-job training at the New Orleans OFACS Station for the past three weeks and is scheduled to return to duty June 5.

Ray F. Okerlund, communications instructor, is back on the job after an extended "Leave".

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The wise carry their knowledge, as they do their watches, not for display, but for their own use.

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GENERAL SERVICES BRIEFS

Charles D. McCabe recently visited the East Coast on business.

Bob Ray received word May 20 that his mother had passed away suddenly. Our deepest sympathy.

E. W. Peterman was off on a prospect hunt in preparation for deer season down around Red Oak. A word of caution—don't go down unless you are prepared to pick out the ticks.

It seems Mr. Peterman and his wife are good at fishing. They went to Lake Carl Blackwell recently and caught 18 black crappie, each weighing approximately 2 pounds.

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Clyde L. Daniels of the PMD took a week's leave in order to try his luck at fishing in Missouri. However, he claimed Mother Nature was agin him, it rained each day he was there.

* * * * *

John J. Swearingen, Acting Chief, Medical Branch; P. W. Stumm, M.D., Medical Officer; and Berneda Benson, Chief Nurse, attended a meeting of the Aero Medical Association May 29 - June 1, 1950, in Chicago, Illinois. Dr. Stumm's mother met him in Chicago and he is taking a week's vacation with her in the East.

* * * * *

CHARIVARI

Would it be right
Skipping a wedding highlight
When things go amiss for the L. Jake Smiths?
While making a dash
For their take-off at last,
The groom was caught, handcuffed, and taken off
By several of his friends
Whose pranks were born twins.
Later he was found in the heart of town
Handcuffed to a lamp post,
Too helpless to boast;
Being rather handicapped, pictures were snapped.
When they set him free
We're off, thought he;
But Alas! More time must lapse.
The car, solid as a rock
Rested its' axle on a block.
The father of the bride, being so very kind,
Pushed the car from its' rest
And the happy couple headed West.

AVIATION SAFETY AGENT-TRAINEES

During the month of May the following list of Aviation Safety personnel attended various refresher courses:

WASHINGTON, D.C.

Milliken, I.M.
Baake, Oscar - International Region
Harding, Lowell S.
Lusby, W. A.
Stanton, G. Sidney
Ervin, D.E.
Howarth, J.E., Jr

REGION 1

| | |
|----------------------|----------------|
| Alexander, R.K. | Albany, N.Y. |
| Jones, R.H. | Concord, N.H. |
| Eckis, Theodore | New York, N.Y. |
| Forbes, W. M. | New York, N.Y. |
| Fox, G.S. | Richmond, Va. |
| Borys, E. | Buffalo, N.Y. |
| Mount, Ted O. - I.R. | New York, N.Y. |
| Guerard, R.H. | Buffalo, N.Y. |
| Williams, G.C. | New York, N.Y. |
| Morese, James T. | Boston, Mass. |

REGION 2

| | |
|------------------|--------------------|
| Tamalis, G. R. | Jacksonville, Fla. |
| Nelson, C.R. | Jacksonville, Fla. |
| Longeway, F.H. | Columbia, S.C. |
| Jett, E. Lee | Miami, Fla. |
| Rowan, J.P. | Orlando, Calif. |
| Callahan, T.J. | Tampa, Fla. |
| Hersbarger, R.L. | Miami, Fla. |
| Regester, D.W. | Raleigh, N.C. |
| Binion, L.E. | Atlanta, Ga. |

REGION 3

| | |
|--------------------|--------------------|
| O'Neill, E. W. | Indianapolis, Ind. |
| Davidson, Jerry W. | Chicago, Ill. |
| Richardson, W.C. | E. St. Louis, Ill. |
| Rising, C.E. | Cincinnati, Ohio |
| Wilburn, Paul D. | Park Ridge, Ill. |
| Moser, V.G. | Muskegon, Mich. |
| Sanduski, F.E. | Columbus, Ohio |

REGION 4

| | |
|-------------------|--------------------|
| Wisener, R.H. | El Paso, Texas |
| Delear, W.F. | Houston, Texas |
| Frazier, J.M. | Dallas, Texas |
| Johnson, Doyle A. | Fort Worth, Texas |
| Linehan, F.D. | Tulsa, Okla. |
| Irish, J.P. | Brownsville, Texas |
| Hamill, G.F. | Fort Worth, Texas |
| O'neal, H.D. | Fort Worth, Texas |
| Hill, J.R. | Tulsa, Okla. |

REGION 5

| | |
|----------------|--------------------|
| Reynolds, R.V. | Denver, Colo. |
| Ludwig, J.D. | Kansas City, Mo. |
| Gates, Edward | Denver, Colo. |
| Macha, J.J. | Kansas City, Mo. |
| Calhoun, V.W. | Kansas City, Mo. |
| Ireland, G.W. | Kansas City, Mo. |
| Hartley, H.C. | Cedar Rapids, Iowa |
| Williams, G.A. | Des Moines, Iowa |
| Zentner, J.S. | Wichita, Kans. |

REGION 6

| | |
|---------------------|-----------------------|
| Albright, K.E. - IR | Alhambra, Calif. |
| LeFevre, C.A. | Las Vegas, Nevada |
| Myers, E.E. | San Diego, Calif. |
| Benge, W.H. | San Francisco, Calif. |
| Boone, R.C. | Santa Maria, Calif. |
| Lightbody, L.N. | Los Angeles, Calif. |
| Holder, A.B. | Los Angeles, Calif. |
| Weiss, J.E. | Los Angeles, Calif. |
| Day, J.C. | Burbank, Calif. |
| Laird, G.A. | San Francisco, Calif. |

REGION 7

| | |
|---------------|----------------|
| Witter, A.G. | Boise, Idaho |
| Kagy, R.L. | Eugene, Oregon |
| Casey, G.A. | Seattle, Wash. |
| Melberg, R.F. | Seattle, Wash. |

REGION 8

| | |
|--------------|-------------------|
| Scott, W.W. | Anchorage, Alaska |
| Monaco, F.J. | Fairbanks, Alaska |

REGION 9

| | |
|---------------|----------------|
| Grasser, W.H. | Honolulu, T.H. |
|---------------|----------------|

FACILITIES BRANCH INDOCTRINATION TRAINING CLASS NO. 7 GRADUATES

| | |
|-----------------------|----------|
| Nathan Almond | Region 3 |
| Shiwajirao B. Bhonsle | India |
| R. E. Carlson | Region 3 |
| W. Crombie | Region 1 |
| W.W. Dent | Region 2 |
| G.F. Dolan | Region 6 |
| W.H. Faux | Region 1 |
| George Kieffer | Region 3 |
| W.L. Richey | Region 4 |
| W.S. Shaw | Region 3 |
| J.W. Thompson | Region 4 |
| J.B. Turcotte | Region 1 |

Bill Matthews, head of the Aircraft Standardization Project, and his office force, have really brightened up the Aircraft Branch offices. They have taken over the south room of the office and are a welcome change from the files, etc., that had formerly occupied the space.

HOW TO BAKE A CAKE



Light oven. Grease pan, Crack nuts.

Get out bowl, spoons, ingredients.

Remove 18 blocks and 7 toy automobiles from kitchen table.

Measure 2 cups flour onto piece of waxed paper.

Get sifter out of cabinet.

Remove Johnny's hands from flour. Wash flour off him.

Measure out 1 cup more flour to replace what is now on floor.

Put flour, $2\frac{1}{2}$ tsp. baking powder and $\frac{1}{2}$ tsp. salt in sifter.

Get dustpan and brush up pieces of bowl which Johnny has accidentally knocked off table.

Get another bowl. Sift ingredients.

With spoon work $\frac{1}{4}$ cup shortening against sides of bowl.

Answer doorbell.

Return to kitchen. Remove Johnny's hands from bowl.

Wash shortening off him.

Add 1 cup granulated sugar gradually.

Answer telephone.

Return to kitchen. Remove Johnny's hands from bowl.

Wash shortening and sugar off him.

Get out egg.

Answer doorbell.

Return to kitchen. Mop up floor.

Change Johnny's shoes which are egg-y.

Get another egg. Beat.

Remove toy automobile from bowl.

Add flour mixture alternately with egg, $\frac{3}{4}$ cup milk and 1 tsp. vanilla.

Answer knock at back door.

Remove Johnny's hands from bowl.

Wash shortening, sugar, flour, milk and vanilla off him.

Beat; - (mixture).

Take up greased pan; find it has $\frac{1}{4}$ inch layer of salt in bottom.

Look for Johnny who has disappeared.

Get another pan and grease it.

Answer telephone.

Return to kitchen and find Johnny -- of all people.

Remove his hands from bowl.

Wash shortening, etc., etc., etc... off him.

Take up greased pan; find it has $\frac{1}{4}$ inch layer of nutshells in it.

Head for Johnny who flees, knocking bowl off table.

Wash kitchen floor. Wash kitchen table.

Wash kitchen walls.

Wash dishes.

Call up baker.

Lie down.





SOUND FAMILIAR?

"She told me that you told her the secret I told you not to tell her."

"The mean thing! I told her not to tell you I told her."

"Well, don't tell her that I told you she told me."

* * * *

Dear So and So: "I love a homely girl with a sour disposition, but another girl who is beautiful and has a barrel of dough is nuts over me. Which one should I marry?"

Dear Sir: "By all means marry the one you love ---- and send me the other one's name and address"

* * * *

"For beating your wife I will fine you \$1.20," said the judge.

"I don't object to the dollar," said the prisoner, "but what is the 20 cents for?"

"That," said the judge, "is the federal tax on amusements."

* * * *

"I want you to make the outfit for my Trial."

"Let me see-- you'll want a direct testimony suit, a cross-examination gown and something dainty and clinging to faint in."

* * * *

"I'll give you a nice new shining penny."

"I'd rather have a nasty, dirty old dime."

* * * *

LADY, BEWARE!

The salesgirl at the perfume counter leaned toward her young customer and whispered: "If I may, let me give you a word of advice-- don't use this if you're bluffing."

* * * *

HERE COMES THE BRIDE

A jeweler's absent-minded assistant was being married. When it came time to present the bride with the ring, he hesitated. "With this ring;--" prompted the minister.

"With this ring," said the bridegroom, "we give a written guarantee reminding the customer that the price will be refunded if it is not as represented."

* * * *

SPORT -- AFTER FORTY

Discussing his tennis with a friend, a stout little dumpling of a man explained it this way: "When my opponent hits the ball to me my brain immediately barks out a command to my body: 'Race up to the net,' it says, 'slam a blistering drive to the far corner of the course, jump back into position to return the next volley.'"

"Then what?" asked his friend.

"Then," signed the stout little man, "my body says, 'Who -- me?'"

* * * *

GOOD QUESTION

"Why, My Friend," the young astronomer explained, "science is doing wonderful things out in the world. On a high mountain in California, we have a telescope so powerful that we can look 3,000 miles away and see the eyelashes of a beautiful girl!"

"That's all very well, son," was the reply, "but what good is a pretty girl so far away?"

* * * *