

# CAA AERO CENTER



## "BEACON"

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

November 24, 1952

OKLAHOMA CITY, OKLAHOMA

Vol. III, No. 11

### FOREIGN NATIONAL CLASS BEGINS ATC TRAINING

Thirteen Latin American Students arrived at the Aeronautical Center, October 27, for a course in Air Traffic Control Procedures. They completed a course in basic English at Oklahoma City University before starting training at the Aeronautical Center.

Carlos de la Rosa, Milton H. Torres and Santiago D. Crispino come from Columbia; Gilberto E. Boyd, Jorge Escala, Joaquin G. Him and Augusto Enrique Reyna from Panama; Galo G. Constante, Alfonso G. Reese, and Hernan Alzuro from Ecuador; Bernardo Garcia from Costa Rica; Hernan Bayer from Chile; and Ramon Santamaria from Nicaragua.

### BIOPHYSICS LABORATORY COMPLETES CONSTRUCTION ON NEW GONIOMETER

In the Biophysics Laboratory, construction was completed on the new goniometer and mountings, by means of very considerable assistance from other personnel of the Medical Branch. This second goniometer (like the original, designed for measurement of windshield and window angles within work spaces of vehicles) was almost completely rebuilt from the stage of construction previously reached, to a much improved design, and a new set of mounting brackets was constructed. This instrument is to be turned over for use by the A.F.E.B. (whose grant largely supports the visibility project). Data sheets and instructional materials for its use are in preparation.





## Editorial Page

### THE PRAYER OF A THANKFUL HEART

Bless the Lord, O my soul; and all that is within me, bless His holy name. Bless the Lord, O my soul, and forget not all His benefits; who forgiveth all thine iniquities; who healeth all thy diseases; who redeemeth thy life from destruction; who crowneth thee with loving kindness and tender mercies; who satisfieth thy mouth with good things, so that thy youth is renewed like the eagle's. The Lord executeth righteousness and judgment for all that are oppressed. He made known His ways unto Moses, His acts unto the children of Israel.

The Lord is merciful and gracious, slow to anger, and plenteous in mercy. He will not always chide, neither will he keep His anger for ever. He hath not dealt with us after our sins: nor rewarded us according to our iniquities, for as the heaven is high above the earth, so great is His mercy toward them that fear Him. As far as the east is from the west, so far hath he removed our transgressions from us. Like as a father pitieth his children, so the Lord pitieth them that fear Him, for He knoweth our frame; He remembereth that we are dust.

As for man, his days are as grass; as a flower of the field, so he flourisheth.

For the wind passeth over it, and it is gone; and the place thereof shall know it no more. But the mercy of the Lord is from everlasting to everlasting upon them that fear Him, and His righteousness unto children's children, to such as keep His covenant, and to these that remember His commandments to do them. The Lord hath prepared His throne in the heavens, and His kingdom ruleth over all.

Bless the Lord, ye his angels, that excel in strength, that do His commandments, Harkening unto the voice of His word. Bless ye the Lord, all ye His hosts, ye ministers of His, that do His pleasure. Bless the Lord, all His works in all places of his dominion; bless the Lord, O my soul.--Submitted by Ed Frame

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Editor .....	Asia Krause
Assistant Editors.....	Lois Bodine
	June Donceel
	Hattie Reeder
Sports Editor.....	Ann Martin
Assembly & Distribution.....	Bill Johnson
	Hope Biggers
Photography.....	L.E. Shedenhelm
Staff Artist.....	Editor
Printing.....	Edwin Frame
	Bill Montgomery

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Show us thy will for our lives, O God, and enable us to fulfil the destiny for which thou hast made us.--Open Windows.

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## BEHIND THE NEWS

"What's New", "how is the world treating you?" Read on about your fellow employees and their many and varied activities. Medical Branch completes a new Goniometer--Facilities Branch begins an Instructor's training Course--Robert Swinney transfers to Washington--Helicopter discussion held at Center, etc.

Seems everyone is terrifically swamped this month, consequently, the BEACON must suffer. Some offices are too busy to notice any happenings of interest, but the BEACON goes out. Some employees just naturally miss the deadline too, but we'll do better "As Time Goes By".

\* \* \* \*

## THE DANGERS OF MIDDLE AGE

It is the common, the expected thing to hear much of the perils of youth, but seldom do writers or speakers turn our attention to the dangers of middle age. Perhaps they have a suspicion that to do so would afford them a very small audience since few of us willingly admit to being middle-aged. Government statistics are insensitive to our feelings on this point, however, and it is a matter of record that a large majority of our present day population is made up of people like you and me who have not yet reached old age but who, forgive me, are no longer young.

One of the dangers of middle age is its "half a mind" to do a thing. We have half a mind to discipline our children, half a mind to save toward a home of our own, half a mind to be active in civic affairs. Contrast this with the approach of youth. Have you ever known a young person to have half a mind to do something? Rather, he has a whole mind to do it! Granted that his choice of what to do may be absolutely wrong, the thing is enthusiastically executed with the whole mind. Could it be that our half mind to do a thing indicates loss of enthusiasm and determination, loss of courageous daring and faith in our abilities? If we lose our zeal for going out directly

## DANGERS OF MIDDLE AGE (Continued)

and positively after a thing, we tend to become complacent and are willing to settle for less than our best. We may still see the challenge dimly, but instead of facing the issue we dodge it and settle for the status quo. We adventure too little and follow the same old rutted roads too often, doing the same old things and thinking the same old thoughts. We acquire a set of habits that can't be cracked open with a pickax!

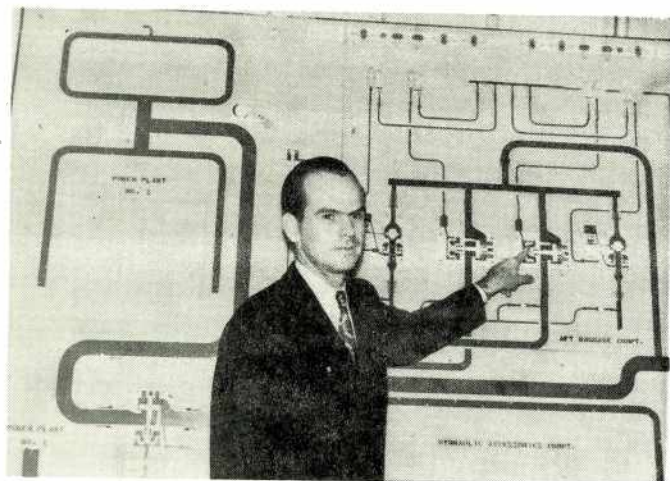
Another element with which we must reckon is the popular but erroneous idea that middle age and mature judgment are synonymous, and that mistakes which one has avoided in his youth he will not fall victim to in his middle age. Such was not the case with the ancient King David nor others like him whom history records as having made their greatest mistakes in Middle age. Middle-age prosperity if often the cause of a person's downfall. He gains the social position, the financial status or the disassociation from former restraining influences which gives him a false sense of freedom from criticism, and he dares do things which formerly would have been so distasteful or so impossible to him as to have offered no temptation.

There are also dangers which accompany middle age adversity. Middle age brings many responsibilities and often many disappointments. Some of us, when the going gets tough, are willing to throw in the sponge. Others plod doggedly on but become quarrelsome and bitter, are quick in anger and slow to forgive. We become less human. We lose our ability to laugh, to tell a good story, to be touched emotionally by another's hardships and needs.

"The long, dull, monotonous years of middle-age prosperity or middle-age adversity are excellent campaigning weather for the Devil." Is it not time that each of us recognize the Devil's campaign for what it is and actively engage in our own campaign against him?--Inspection News.

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### JOHN KOCH VISITS CENTER

October 22, John Koch, President of Technical Training Aids, Inc., Tulsa, Oklahoma, visited Messrs. Lanter, Shedenhelm and Biggers regarding future applications of animated training aids such as shown in photograph. Mr. Koch is shown in photo at left.

### IN FRONT OF LINK COMPANY WIDGEON

In the center photo at left, left to right, Warren W. Smith, "Pete" Daugherty, and "Ace" LeClerc are shown during a visit to the Center on October 7 regarding the possibilities of a composite electronic trainer on which the instrumentation and performance characteristics could be set to represent Convair 240 and 340, Martin 404, DC-6, etc., and equipped with modern air navigation and communications aids thus permitting pilot familiarization with different makes of aircraft using the same trainer. Discussions were held with Messrs. Lanter, Jones, Shedenhelm, Smith, and others. As indicated in the photograph, Mr. Smith also discussed the possibility of Hartzel constant speed feathering propellers as a means of increasing performance and maneuverability of widgeon.

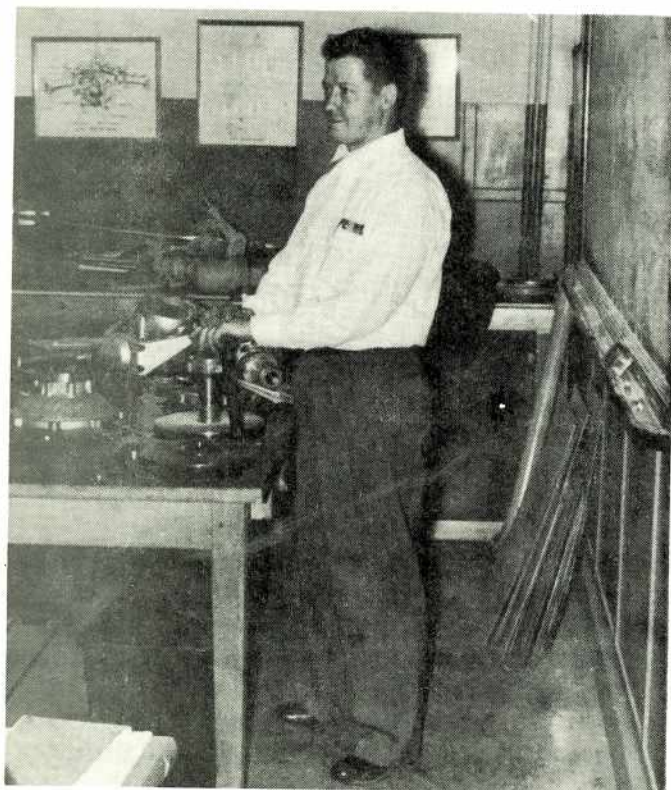


### RICHARD BATCHELDER, BELL AIRCRAFT CORPORATION VISITS AIRCRAFT BRANCH

A late model Bell helicopter (less engine) has been acquired by Aircraft Branch from the Bell Aircraft Corp. through the efforts of Von Rosenberg, Fourth Region and Howard Core, CAA Factory Representative at Bell Factory.

Pictured at left is Mr. Batchelder, Supervisor, Bell Helicopter Training Department, Fort Worth, during his visit to the Helicopter Operation and Maintenance Class, Aircraft Branch, October 23. The A-3 course was presented October 20 to 31 and Mr. Batchelder was here to discuss the Helicopter with the course.

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### NEW ATC INSTRUCTOR

The Air Traffic Control school has acquired a new instructor in the person of Thomas Patrick Hennessy. Mr. Hennessy comes to the Aeronautical Center from the Chicago Midway Tower. Prior to joining the CAA, Tom was in the U. S. Navy and spent two years as an air controllman in the Pacific. He is married and has one boy three years old.

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### INSTRUCTOR TRAINING FACILITIES BRANCH

Facilities Branch of Federal Airways is conducting a training course on "Instructional Methods" under the direction of Charles W. Mueller, Radio Aids Section Chief. This course is open to instructors from other branches of the Aeronautical Center and at present is being attended by instructors from Facilities and Air Traffic Control. The entire course consists of twelve sessions of one hour each and at this time the present course is approximately fifty percent complete. However, the entire course will be offered again at some date after January 1st, and any instructor interested in taking the course then should contact Mr. Mueller. Completion of the course which means attendance at 80% of all sessions, is recognized by an appropriate certificate signed by Mr. Lanter, Director of the Aeronautical Center.

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### CESAR A. MIJARES COMPLETES TRAINING

Cesar A. Mijares, Chief of the Airman Section, Philippine Islands CAA, completed his training at the Aeronautical Center and departed for further training in the regional and district offices of the Fifth Region.

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It is right to be contented with what we have, never with what we are.  
MACKINTOSH, Inspection News.

### SWINNEY GOES TO WASHINGTON

Robert W. Swinney, Instructor in the Indoctrination Course, Facilities Branch was selected by National Promotion Plan procedure to fill a vacancy in the position of Radio Maintenance Inspection Branch, W-372. He left the Center November 21.

Mr. Swinney came to the Center in December, 1949, from the Facilities Engineering Branch of the Fourth Region. He has been associated with the Indoctrination Course during his entire tour of duty at the Aeronautical Center. His thorough knowledge, industry and attention to detail have been a beneficial influence on several hundred indoctrination students.

Mr. Swinney has also been active in organized Military Reserve activities, church activities, Aeronautical Center Employee Association and Credit Union affairs.

Mrs. Swinney and two sons, Donald and Charles, will remain in Oklahoma City until Mr. Swinney can make housing arrangements in Washington. (It ought to be easy now).

Congratulations and best of luck, Bob. Be sure to call on us when your new duties bring you to this part of the country.

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### ZUHN SITS ON JURY

Walter E. Zuhn, Jr., Instructor of Advanced Landline Courses in the Facilities Branch was subpoenaed for jury duty in the November term of the District Court. Last we heard, our Walter was coming up in judicial affairs and had been promoted to jury foreman. During his absence from the Center, Instructors Ellard W. Foster, Chas. V. Hanman III, and James F. MacAdam are taking turns instructing ASID, MEDIS and SECO classes.

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### THE SAFETY CORNER

#### U. S. Traffic Deaths Exceed Those from War:

The nation's war dead since the Battle of Lexington on April 19, 1775, totaled about 1,005,000 on the 177th anniversary of that historic engagement, according to the Association of Casualty and Surety Companies.

The comparative study of U. S. war and traffic deaths conducted by the association revealed at the same time, however, that the aggregate of lives lost in highway accidents since 1900 is now approximately 1,012,000 some 7,000 higher than the total of American military fatalities in all of the nation's wars during the last 177 years.

#### DON'T GAMBLE WITH FIRE--THE ODDS ARE AGAINST YOU!

##### To Prevent Fires:

Put out cigarettes, cigars and matches.  
Remove all greasy and oily rags.  
Eliminate all breeding places of fire.  
Value the benefits of good housekeeping.  
Never use any but safety matches.  
Fire prevention should be an everyday precaution.  
Encourage interest in **SAFETY ALWAYS.**

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#### NEW CARS

Albert Denny is sporting a beautiful new cream and maroon Nash Rambler.

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"God give me the patience to accept that which cannot be changed.

"Give me the courage to change that which can and should be changed.

"And, above all, give me the wisdom to know which is which."

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## Vacation Days

GENE MARS, Air Traffic Control, has returned from a two-week vacation. The first eight days were spent hunting deer and elk at Grand Lake, Colorado. He hunted on horseback in the mountains at an altitude of nine or ten thousand feet. Total bagged - one deer, estimated weight 170 pounds. Gene says there were about 85 thousand hunters out and about fifty of them were called on to help put out a forest fire that got started near a saw mill in the mountains.

The rest of his vacation, Gene spent in building a dance studio at his home where his wife will teach tap and ballet. She has been teaching at a studio on South Robinson where she has about sixty students.

MR. CRUSE, ATC, has returned from a well earned vacation. He says he just relaxed and enjoyed himself. Took a trip out to Seattle, Washington, to visit his family and returned by way of St. Joseph, Missouri, where he spent some time with other of his relatives. Mr. Cruse visited the ARTC Center at Seattle and the new Combined Facility at Rosecrans field in St. Joseph.

PETE ADAMS, General Maintenance Section, spent a week's vacation October 13 to October 20, at home painting, and went up to Stillwater October 18 to see the Oklahoma Aggies Homecoming game with Missouri.

AVA WELLIS just recently returned from a week's vacation at Beaumont, Texas, where she and her mother were visiting with her sister's family.

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## ILLNESS AND SYMPATHY

Our sympathy to MART C. JACKSON who recently lost his father.

"The family of Roy H. Jackson acknowledge with deep appreciation your kind expression of sympathy."

CAROL PETERS, secretary to Guy Forman, has had quite a serious illness, having had a stroke Sunday, November 9. However, as this issue of the Beacon goes to press, we are happy to announce that she is much improved and has been allowed to leave the hospital. She has been instructed, to not even so much as dry a dish (lucky girl) for the next month. Therefore, she has gone to her parents' home, Mr. and Mrs. J. C. Brown, Route 2, Edmond, Oklahoma.

Carol would appreciate hearing from all of her friends and, of course, would love to have you come visit her during her convalescence.

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We were all sorry to learn of the death of LT. JACK W. HOLMES, a former employee of General Services Branch. Lt. Holmes and an aviation cadet were the victims of an airplane crash November 17 near San Angelo, Texas.

Mrs. Holmes, daughter of Mr. & Mrs. A. E. Beshears, 1462 N. E. 16th Place, Oklahoma City, and son, Terry Jack, were residing in San Angelo, Texas.

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OSWELL A. NASH, Instructor in the Indoc-trination Training Course received word October 16 of the death of his mother, Mrs. F. B. Nash in Ann Arbor, Michigan. Mr. Nash left at once by car for Ann Arbor. Funeral services were October 20 in Ann Arbor and graveside services were at Bay City, Michigan. Nash returned to duty at the Center October 27. Our sympathy to you Ozzie.

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## BUSINESS TRIPS

MR. SUTRO made a trip to Indianapolis for the second Cockpit Visibility co-ordination meeting with personnel of the Technical Development & Evaluation Center. It is felt that significant accomplishments resulted from the meeting.

C. RUSSELL LOWER, GSB, departed for Charlotte, North Carolina, October 15, as CAA Representative to observe overhaul of aircraft engines at American Air Service, Inc.

ROBERT W. RAY, Chief of GSB, made a trip to Dallas, Texas, October 16 and 17, to visit Dallas Airmotive. He also made a trip to El Paso October 22 and 23, for familiarization with the Federal Airways Flight Program.

DON BROWN made a trip to San Antonio October 21 and 22, and again October 30 and 31 to Kelly Air Force Base.

RUSSELL R. KIGGINS departed November 14 for Santa Monica via government truck to pick up surplus wing panels at the Douglas Aircraft Company.

EDWARD A. SCHMIDT, Chief, Accounting Branch, made a trip October 16 and 17, to the Fourth Regional Office, Fort Worth, Texas, to discuss and review accounting problems and procedures and to Dallas, Texas, to the Disbursing Office, to discuss scheduling of vouchers, payrolls and relating disbursing practices and procedures.

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A leader of men must make decisions quickly ... be a fighter ... speak openly, plainly, frankly ... cooperate, co-ordinate, work with active faith ... be loyal, true, faithful ... have a high, intelligent, worthy purpose and ideal. -- DODGE, Inspection News.

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JERRY BIRON, ATC Instructor, is the proud papa of an eight-and-a half pound son, born November 3rd. Name? Francis Kelly Biron.

MR. and MRS. GEORGE BELL proudly announce the arrival of a baby girl, Deborah, weight 7 pounds, at 6:30 a.m., November 7, 1952.

A son weighing 7 pounds 15 oz. was born to MR. and MRS. ROBERT W. McALLISTER in Philadelphia, on November 2. The boy has been named Robert W.

Mr. McAllister and son will come to Oklahoma City to join 'pop' in December. Home for the McAllister's will be 3252 S. W. 46. In fact, Mac and the boxers live there now. Mac says the boxers get along okay on his cooking, but he is losing weight.

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DON'T FORGET TO GET YOUR NAME, ADDRESS AND TELEPHONE INFORMATION IN TO AC-600 IF YOU WANT TO BE LISTED IN THE NEW DIRECTORY. WE INTEND TO GET STARTED ON THIS DIRECTORY IN TIME TO GET IT DISTRIBUTED BY DECEMBER 15, SO DON'T DELAY GETTING THIS INFORMATION TO US.

## HEAR 'DEM BELLS

Wedding Bells have been ringing fast and furious at the General Services Branch. Latest to take the step were GEORGE FOLTETE and JUANITA OZMENT, who were married October 25. Congratulations to both, and best wishes for a long and happy life together.

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## THANKS TO FELLOW EMPLOYEES

We would like to take advantage of the wide circulation of the BEACON, to very sincerely extend our thanks, to one and all of our friends here at the Aeronautical Center, for the beautiful wedding gift recently presented to us. The choice of the big "Nesco Cooker" leaves us with warm, grateful, happy thoughts, now, and in the future.

Again, plainly, our many thanks to all.  
JUANITA and GEORGE FOLTETE

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## WANTED: RIDES

I have just started working in Hangar 50 and would like to find a ride from 2324 N. W. 33rd (near 33rd & Penns.)  
CLARENCE W. PHILLIPS, EXT. 212

DELORES CROSSTHWAIT, residence 640 SE 20, Ext. 139, NEEDS A RIDE TO AND FROM WORK.

NAN JENKINS, 2421 NW 16, needs a ride home from work on MONDAYS and THURSDAYS in the afternoon only. EXT. 139.

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## GIRLS, ATTENTION ARE YOU LOOKING FOR A ROOMMATE?

Nan Jenkins tells us she has spotted an ideal apartment. Large livingroom, wall to wall carpet, practically new throughout, the apartment. If there is a girl looking for both a roommate and an apartment, contact Nan Jenkins, Ext. 139.

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# WELCOME TO NEW EMPLOYEES

October 11 through November 18, 1952

## AIRCRAFT STANDARDIZATION

Mary E. Landaker - From V.A.Hospital  
Herman E. Shelton  
Clarence W. Phillips  
Lavon R. Whisenhunt

## FACILITIES BRANCH

Delores M. Crosthwait - From V. A.  
Hospital

## FACILITIES FLIGHT INSPECTION

Raymond G. Smith - transfer from Reg. 5

## PROJECT MATERIALS DIVISION

Marcellous C. Capps  
Earnest Morrison - From V. A. Hospital

## AIRCRAFT SERVICE BRANCH

Jasper A. Richard - From V.A.Hospital

## GENERAL SERVICES BRANCH

Monroe Locke

## ACCOUNTING BRANCH

Kay Brown

## AIRWAYS OPERATIONS BRANCH

Thomas P. Hennessey - transfer from Reg.3

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## REASSIGNMENTS BETWEEN BRANCHES

Raymond W. Teague from PMD to Aircraft  
Standardization  
Burnard D. Allbright from PMD to VOR  
Data Processing Center  
Harry Inch transferred from Standardi-  
zation to Data Processing Center

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## FOR SALE

One each Hamilton Beech electric mixer,  
8 speeds, all extras less grinder, \$25.00  
E. W. Peterman, Ext. 113.

# GOODBYE TO FORMER EMPLOYEES

## AIRCRAFT STANDARDIZATION

Jack Woodruff  
John E. Barry  
Frank R. Johnson  
Cyrus E. Hutcherson  
John J. Jones

## FACILITIES BRANCH

Allene D. Davis - to Wichita AFB  
Robert W. Swinney - transfer to CAA -  
Washington

## FACILITIES FLIGHT INSPECTION

Roy Caldwell - Transfer to Region 5  
Harrell D. Swink, resigned to take a  
position with a construction com-  
pany in Denver.

## PROJECT MATERIALS DIVISION

John O. Burris

## AIRCRAFT SERVICE BRANCH

Alfred M. Lundy

## GENERAL SERVICES BRANCH

Fred Broumowsky  
Charles R. Phillips - Everyone at  
General Services Branch hated to  
say goodbye to Charlie who resigned  
to accept an appointment at Tinker  
Field. We all wish Charlie Good  
Luck in his new position.

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## AIRWAYS OPERATIONS ACTIVITIES YESTERDAY AND TODAY

Going through the records of the Air-  
ways Operations Branch, we came up with  
the following information on the Branch's  
training activities. Since 1946, over  
twelve hundred students have received  
airways operations training. This figure  
includes Foreign National, military and  
CAA personnel.

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# VISITORS

- 10-1 - John P. Morris, Chief, Aircraft Control Division, W-210, visited General Services Branch to coordinate purchase of aircraft parts.
- 10-2 - Robert K. Hall, Convair Service Representative, visited the Center October 2, discussing the CV-240 and 340 air-conditioning systems in connection with the A-5 course, presented September 29 to October 10.
- 10-21 - Lt. Geo. C. Edel,
- " Lt. J. F. Brumfield,
- " Major Chas S. Rumbold, and
- " C. M. Stoll, ACC, from Naval Air Station, Corpus Christi, visited the Air Traffic Control Section and Airways Operations Branch.
- 10-22 - John H. Koch, Technical Training Aids, Tulsa, visited with Mr. Shedenhelm.
- 10-7 - Pete Dougherty, Link Aviation Company,
- " Harry Doyle, Chief Pilot, Aircraft Control Division, Wash., visited Aviation Safety.
- " M. I. Seliger, Douglas Service Representative visited the Center to discuss DC-6 air conditioning and pressurization systems in connection with the A-5 course.
- 10-16 - Frederic J. Schrenk, Airways Operations Specialist from Cleveland, Ohio visited ATC Section.
- " Dr. Barry King visited Medical Research Laboratories to discuss personnel situation for Medical Branch and new projects now under way.
- 10-17 - Louis G. Elias, Washington Office of Federal Airways spent several days conferring with Federal Airways personnel at the Center.
- 10-20 - John J. Manning,
- " Robert Macken, and
- " Lt. A. Kremer, Special Services Office of the Navy, Chicago, visited ATC personnel.
- 10-22 - Lt. John J. Walker, GCA Unit, Tinker AFB, a former ATC Student, visited the ATC Section.

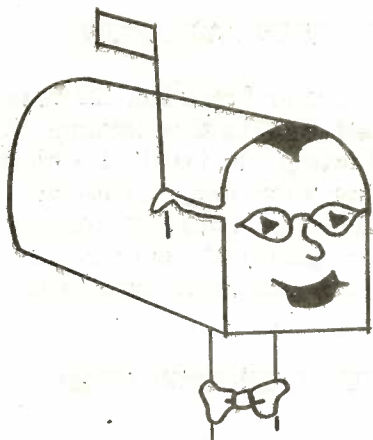
# VISITORS (Continued)

- 10-24 - W. F. Norton, Aircraft Engineering Branch, Region 1, visited Flight Inspection Branch and Aircraft Standardization Division.
- " C. E. Wise, Washington Office, Establishment Engineering Division, spent several days at PMD.
- 11-6 - Lt. S. F. Bajak, U. S. Naval Photographic Center, Anacostia, D. C. conferred with Airways Operations personnel.
- " Maj. C. E. Selge, Chief, Flight Operations & Aircraft, and
- " Capt. J. W. Dietrich, Asst. Chief Flight Operations & Aircraft, Wash., D. C. accompanied Lt. Bajak.
- 11-5 - Harry Gray, Chief, Facilities Flight Inspection Branch, and
- " V. E. Morrison, Electronics Engineer, both of Region 5, visited Flight Inspection Branch.
- 11-7 - John Zwaska, Electronics Maintenance Branch, Washington, D. C. visited Facilities Branch to discuss Radar Training.
- 11-6 - Major Hopkins and
- " Capt. Lockett, 1800th AACs Wing, Tinker AFB, visited Flight Inspection with regard to training.
- " Herb Wright, Dallas Airmotive, Inc., visited at General Services Branch.
- Hugh A. Overby, Electronic Engineer, Radar and Radio Maintenance Inspection Section, Washington, D. C., visited PMD.
- G. E. Luecker, Navigational Aids Section, Wash., D. C., visited PMD.

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Undertake something that is difficult; it will do you good. Unless you try to do something beyond what you have already mastered, you will never grow.-Ronald E. Osborn, Inspection News.





## DIRECTED STUDY

### New and Improved Course I

Beginning December 1, 1952, all students requesting the Engineering Mathematics course will be enrolled in the new course, Directed Study Course 100.

Course content does not differ radically from the present version, but new and different emphasis is given to individual topics and a new and more suitable reference book has been chosen.

The new text, the selection of which grew out of numerous conferences, is "Basic Mathematics for Engineers" by Andres, Miser & Reingold, published by John Wiley & Sons.

Those presently enrolled and progressing in Course I need have no fear about having their studies interrupted for plans have been completely worked out to insure the compatibility of the two courses.

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A revised text will be adopted shortly in the Directed Study and the residence Radar/DME schools. "Principles of Radar", Second Edition, McGraw-Hill Book Co., has gone out of print and the new Third Edition is available. The Third Edition resembles the former

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editions in many respects but quite a lot of new material has been added. For the present, at least, a supplement will be issued to new Directed Study Course II enrollees which will allow the original course to be used by holders of either the Second or Third Editions of the text.

Field personnel enrolled in Directed Study are again reminded not to hesitate to drop an informal note to the Directed Study Section if any additional help is needed on any portion of a course.

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The following enrollment by region has been made since the last issue of the Beacon:

### COURSE I

	No. of Enrollment
Region 1	19
Region 2	3
Region 3	1
Region 4	4
Region 5	2
Region 6	2
Region 7	1
Region 8	12
Other	2

### COURSE II

	No. of Enrollment
Region 1	3
Region 3	1
Region 4	3
Region 5	2
Region 6	3
Region 7	1
Region 8	2
Region 9	2

### LS-1

	No. of Enrollment
Region 1	1
Region 2	2
Region 4	2
Region 6	1
Region 9	1

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#### COURSE I GRADUATES

##### Region 1

James H. Barrett (Course 100)

Edward Wexler (Course 100)

Joseph J. Zizzi (Course 100)

##### Region 2

Kenneth T. Mallory

##### Region 4

Valgene Ebeling (Course 100)

##### Region 7

Ernest G. Fairbank (Course 100)

A. S. Patton

##### Region 8

Herbert D. Brazil (Course 100)

##### Region 9

James J. Higa (Course 100)

George Y. Izumi (Course 100)

Francis F. Oka (Course 100)

#### COURSE II GRADUATES

##### Region 6

Alfred W. Grabau

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Half of greatness is grit. When intelligence is backed up by the determination not to back down, the only thing under the sun that is impossible is something that can't be imagined.--  
Elmer G. Leterman, Inspection News.

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#### LOU ELIAS VISITS FACILITIES

L. Elias, Washington Training Liaison Officer, visited Facilities Branch for several days during the week of October 17. Discussions were held relative to instructor staffing, training course materials, new equipment programming and other routine training problems.

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#### FACILITIES INSTRUCTOR NOTES

During the three weeks of annual leave currently being taken by DME Instructor Gordon S. Wight, ILS Instructor P. J. "Genius" Lindsay has been temporarily assigned to the DME Training Section.

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#### IN SYMPATHY

Facilities Branch personnel extend sympathy to Mr. and MRS. W. E. LUCEY on the death of Mr. Lucey's father on November 18 at Storm Lake, Iowa.

The Employees' Association arranged for a floral bouquet. The Lucey's are expected to return this week.

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#### GREENER PASTURES SOUGHT

Oklahoma City boosters Thursday had proof there is no grass growing in its streets. A jackrabbit, obviously country-bred and accustomed to wide-open spaces, loped down W Main just as the streets were beginning to fill, apparently disgruntled with the lack of vegetation sprouting from the thoroughfare's new asphalt concrete paving. Last seen, he was hopping west past Walker--undoubtedly in search of greener pastures.--Recent Article from Oklahoman and Times.

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Borrow trouble for yourself, if that's your nature, but don't lend it to your neighbors.--Rudyard Kipling, Insp. News.

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### OUR BOWLERS

Shown in the picture above are members of the independent bowling league, sponsored by Radio Supply Company. Left to right: H. E. "Tiny" Irwin and Howard Barnett of Facilities Flight Inspection Branch, Charles Affleck, PMD, and Eddie Ruof, Aircraft Service Branch. Members of the team not pictured are Al Krag from Aircraft Standardization and Larry Thornton of the Daily Oklahoman.

This team bowls each Monday night at Brantley's and has bowled together for the past three years, except for Tiny Irwin who spent a year in the Armed Forces. Mr. Ruof is captain with an average of 165, Barnett 173, Thornton 160, Affleck 150, and Krag 117. Mr. Irwin is the alternate member with 161 average.

The team is at present in a three-way tie for first place. Last year they finished third with only a three pin difference in score on the final game. This year they have the highest team average in the league.

### WOMEN BOWLERS ENTER CITY TOURNAMENT

Starting December 1, some of our CAA women bowlers will be entered in the City Tournament at Barton's Bowling Alleys in Capitol Hill, so if you want to watch the fun, come on out and be our rooting section. Some of us will need one more than you could imagine.

Bowling in Team, Doubles and Singles Events are: Ida Lee Smith, 137 Average, Ava Wells, 161 and 152, Esther Woods, 142 and 143, and Asia Krause, 136.

Those entering Team Events only are Sybil Gowing, 112 Average, Norma Trogdon, 124, and Juanita Prentice, 116.

We'll be looking for your support on December 6 and 7, so don't let us down.

AVA WELLS is still high bowler among the women bowlers carrying a 161 average in Women's Classic League and 152 average in Progressive. Her highest game of 215, and series of 557 are still high.

AVIATION SAFETY

Course B-6-35 - Type Rating on M-E  
Equipment 10-20-52 - 10-31-52

Achiteff, Louis	New York
Meyersburg, Robert	Washington, DC

Course C-2-60 - Air Navigation Aids &  
Operations Refresher  
10-20-52 - 10-31-52

Brown, John P.	Los Angeles
Farinacci, Joseph	Newark, N.J.
Florer, Hayward	Washington, DC
Murray, R. C.	Atlanta, Ga.

Course B-5-32 - Airline Transport  
Pilot Certification Refresher  
10-27-52 - 11-7-52

DeLamarter, Richard	Jamaica, NY
Davis, Thomas A.	Jamiaca, NY
Stoeger, Donald J.	Kansas City, Kan
Treat, Verne E.	Miami, Fla.

Course B-14-2 - Instrument Rating Re-  
freshers (Single-Engine Aircraft)  
10-27-52 - 11-7-52

Hillyard, Ivan	Cleveland, Ohio
Johnson, Doyle	Ft. Worth, Tex.
Romaine, Arthur	Honolulu, T.H.
Werbke, J. J.	Dallas, Tex.

Course A-10-22 - Flight Test Fundamen-  
tals 11-3-52 - 11-14-52

Boyle, Merritt	Kansas City, Mo.
Haniquet, Edward	New York, NY
Koontz, Carroll	Washington, DC
Sharp, Charles	New Orleans, La.

Course B-3-25 - Instrument Rating Re-  
freshers (Multi-Engine)  
11-3-52 - 11-14-52

Enderton, Otto	Albany, NY
Ruedy, Ralph	Wichita, Kan.
Tymczynszyn, J.J.	Los Angeles
Wisener, Robert	El Paso, Tex.

Course D-1-30 - General Flight Refresher  
11-3-52 - 11-14-52

DeLany, Russell	Kansas City, Mo.
Gretzer, Donald	Anchorage, Alaska
Hensley, E.S.	Washington, DC
Shumate, Joe T.	Chicago, Ill.

Course B-4-20 - Airline Transport Pilot  
Certification 11-10-52 - 12-5-52

Boggs, Roger	No. Platte
Fielder, E. J.	Portland, Maine
Newhouse, W. A.	Miami, Fla.
Ragan, James	Burbank, Calif.

Course B-6-36 - Type Rating on M-E  
Equipment 11-10-52 - 11-21-52

Wilson, Clarence	Pittsburgh, Pa.
Young, Paul E.	Okla. City

Course C-2-61 - Air Navigation Aids &  
Operations Refresher  
11-10-52 - 11-21-52

Hand, Frank	Ft. Worth, Texas
Kinney, James L.	Washington, DC
Mundy, E. M.	Washington, DC
Smith, A. W.	Los Angeles, Cal.

Course A-10-23 - Flight Test Fundamentals  
11-17-52 - 11-28-52

Cornehl, Rudolph	El Paso, Texas
Franklin, Edgar B.	Washington, DC
Moran, J. F.	Boston, Mass.
Rees, Richard G.	Chicago, Ill.

Course B-14-3 - Instrument Rating Re-  
Freshers (Single-Engine Aircraft)  
11-17-52 - 11-28-52

Davis, Kent G.	Oakland, Cal.
DeVoe, Allen W.	Rochester, Minn.
Hopkins, Gerald W.	Boise, Idaho
Winover, O. J.	Mobile, Ala.



AVIATION SAFETY (Cont'd)

Course B-13-1 - Flight Instructor  
(Initial Qualification)  
11-24-52 - 12-5-52

Barbee, Robert L.	Houston, Texas
Hutchison, C.C.	Harrisburg, Pa.
Linehan, Fay D.	Okla. City
Trapp, G.O.	Amarillo, Texas

FACILITIESARRIVALS

ILS/VOR #50      10-20-52 - 1-16-53

Region 1  
Dwyer, Peter E.      Cambria Hts., NY  
Mezas, Rudy      Rockville Center, NY

Region 2  
Harrison, M. H.      Memphis, Tenn.

Region 3  
Williams, W.C.      Girard, Ohio

Region 4  
Hoggins, A. J.      Albuquerque, NM

Region 5  
DeBoard, Edward      Butler, Mo.  
Pipes, Carlisle      St. Joseph, Mo.

Region 7  
Hall, Kenneth      Seattle, Wash.  
Miller, Elmer H.      Everett, Wash.

Region 8  
Brown, Wayne A.      Anchorage, Alaska

ILS/VOR #51      11-10-52 - 2-6-53

Region 1  
Migdalski, Edward      Cheektowaga, NY

Region 2  
Avant, Vernon E.      Macon, Ga.  
Davis, Alfred L.      Maryville, Tenn.

Region 3  
Murdoch, James P.      Bismarck, N.D.  
Stillmaker, Willis      Minot, N. Dak.

ILS/VOR #51 (Cont'd)

-15-

Region 4  
Marquez, Joe F.      Columbus, NM

Region 5  
Hillman, Charles      Casper, Wyo.  
Karns, Kermit B.      Imperial, Nebr.

Region 6  
Hughes, Donald L.      Los Angeles

Region 7  
Kelsey, Donald L.      Portland, Ore.  
Patton, Arthur S.      Pocatello, Ida.

Region 8  
Burton, Harry J.      Anchorage, Alaska

SECO CLASS #4      11-17-52 - 11-28-52

Region 3  
Thompson, Frank W.      Peoria, Ill.

Region 4  
Beisel, Ralph W.      Ft. Worth, Tex.

Region 5  
Geis, Laurence      Lawrence, Kans.  
Heid, Joseph A.      Kansas City, MO.

Region 6  
Herbert, Arthur D.      Los Angeles  
Herrold, Claude F.      Alta, Calif.

INDOCTRINATION #42      11-3-52 - 1-23-53

Region 2  
Toney, James M.      Sparktanburg, S.C.

Region 3  
Hammond, Norman J.      Cleveland, Ohio

Region 4  
Hall, Durward W.      Tulsa, Okla.  
Stith, Frankie L.      Midland, Texas

Region 5  
Harris, Merwyn H.      Wichita, Kans.  
Pierson, Mack R.      Vichy, Mo.

FACILITIES (Cont'd)

ARRIVALS

MEDIS CLASS #2      10-20-52 - 11-14-52

Region 3

Good, Paul F.      Berea, Ohio

Region 4

McClendon, Melvin      Ft. Worth, Tex.

Region 5

Geis, Laurence      Lawrence, Kans.  
Heid, Joseph      Kansas City, Mo.

Region 7

Harman, Chester      Seattle, Wash.

DME #20      10-20-52 - 12-19-52

Region 1

Kusnetz, Norman      New York  
McKinney, Milton E.      Jamaica, NY

Region 2

Upchurch, Roy      Atlanta, Ga.

Region 3

Natwick, Ernest W.      Akron, Ohio  
Stefonek, Frank T.      Jamestown, N.D.

Region 4

Bassett, Edwin B.      Okla. City  
Melton, Elvin W.      Tulsa, Okla.

Region 5

Bell, William E.      Kansas City, Mo.

Region 6

Calkins, Ernest W.      Salt Lake City  
Combs, Edward L.      Los Angeles  
Thomas, James A.      Salinas, Cal.  
Wood, Robert M.      Paso Pabes, Cal.

Region 7

Davis, Robert S.      No. Bend, Oregon  
Harman, Chester B.      Seattle, Wash.  
Lottridge, Walter      Burley, Idaho

IR

Hadjidemetriou, D.      Athens, Greece

DME CLASS #21      11-10-52 - 1-9-53

Region 1

Fahey, Edward L.      Pelham Manor, NY  
Gerchak, Joseph J.      Pittsburgh, Pa.  
Pannek, Gerard H.      Falls Church, VA.

Region 2

Harrison, Robert      Meridian, Miss.  
Wacaster, Emmett      Jackson, Miss.

Region 3

Fox, John D.      Fargo, N.D.

Region 4

Jones, James D.      Ft. Worth, Tex.

Region 5

Clark, Will J.      St. Louis, Mo.  
Patrick, Donald      Dodge City, Kans.

Region 7

Cruiger, Richard      Pendleton, Ore.

DEPARTURES

SECO CLASS #3      10-13-52 - 10-17-52

Region 1

Anderson, Carl S.      S. Portland, Me.  
Busching, William      Orono, Me.  
Rowand, George      Sandston, Va.

Region 3

Good, Paul F.      Berea, Ohio

Region 7

Harman, Chester      Seattle, Wash.

DME #18      9-1-52 - 10-31-52

Region 1

Piper, Gerald T.      Allentown, Pa.

Region 2

Weber, Donald C.      Melbourne, Fla.

Region 3

Faust, Edwin C.      Paducah, Ky.

Region 4

Cave, George W.      Albuquerque, NM  
Cook, Homer A.      Midland, Texas



**FACILITIES (Cont'd)****DME #18****Region 5**

Shaw, John E.                      Sioux City, Ia.

**Region 7**

Oppen, Chester C.                  Spokane, Wash.

**DEPARTURES****INDOCTRINATION #39      8-11-52 - 10-31-52****Region 3**

Allen, Warren H.                  Hammond, Ind.

**Region 6**

Foker, W. H.                      Long Beach, Cal

**Region 8**

Hughes, John W.                  Anchorage

Lawson, William J.              Anchorage

Ritchie, George L.              Anchorage

**ILS/VOR CLASS #47      8-11-52 - 11-7-52****Region 1**

Gerchak, Joseph J.              Pittsburgh, Pa.

Pannek, Gerard H.              Alexandria, Va.

**Region 2**

Harrison, Robert                  Meridian, Miss.

Wacaster, Emmett                  Jackson, Miss.

**Region 3**

Hesketh, James G.              Newburgh, Ind.

**Region 5**

Nelson, Cecil                      Springfield, Mo.

McKnight, Albert V.              Sioux Falls, SD

**Region 7**

Cruger, Richard R.              Pendleton, Ore.

**Region 8**

Williams, Robert L.              Anchorage

**TEN SECONDS TO LIVE**

He pushed his sleeve back, held his wrist close to the lighted speedometer, squinted to read the time. A little after nine. Five, ten minutes after. Ought to be home in half an hour.

If he'd known he had only ten seconds to live, he might have checked the time more closely. He might have done several things differently.

**TEN SECONDS TO LIVE.** He massaged his eyes with thumb and middle finger, trying to rub out some of the sand.

**NINE SECONDS TO LIVE.** He'd driven almost eight hours since lunch, and was beginning to feel it.

**EIGHT SECONDS TO LIVE.** Leaky driving in the rain. Light from your headlights just seems to soak in along with the water.

**SEVEN SECONDS TO LIVE.** Probably need a new windshield wiper blade. Old one just spreads the water around instead of wiping clean. Get one tomorrow, or next time it rains.

**SIX SECONDS TO LIVE.** Somebody threw a cigarette out of an oncoming car. The red glow dissolved almost before it hit the pavement.

**FIVE SECONDS TO LIVE.** He planted his heels on the floorboard, squirmed back in the seat, trying for comfort.

**FOUR SECONDS TO LIVE.** At 60 miles an hour, a car covers 88 feet of pavement every second. Four seconds, 352 feet.

**THREE SECONDS TO LIVE.** Something looked wrong, through the blurry windshield. A tentative dab at the brake stiffened into desperate pressure as he made out an old, unlighted, slow-moving truck ahead.

**TWO SECONDS TO LIVE.** Panic moved in. Turn to the left. No, car coming. Headlights too close. Can't make it. Turn to the right.

**ONE SECOND TO LIVE.** Horror numbed everything into slow motion. He was floating right into the near corner of the truck bed. He opened his mouth to scream.

It's happened to lots of people; maybe not just that way, but similarly. Drive too long, eyes get tired, reactions slow down. Rain, darkness, a windshield that's hard to see through.

Driving too fast. A car or truck ahead that you can't see. It's happened to lots of folks. **IT COULD HAPPEN TO YOU.** (Courtesy of Iowa Department of Public Safety and Fireman's Fund Group Magazine.) Taken from Inspection News.

\* \* \* \*

Most of life is routine--dull and grubby, but routine is the momentum that keeps a man going. If you wait for inspiration you'll be standing on the corner after the parade is a mile down the street.-- Ben Nicholas, Inspection News.

\* \* \* \*



A vivacious young Texan shocked her Boston-reared beau by drawing on her gloves as they started down the street on their first date.

"Where I come from", chided the young man, "people would as soon see a woman put on her stockings in public as her gloves."

"Where I come from," retorted the young lady, "they'd rather."

The old timers who say the present generation is on the road to hell no doubt know what they're talking about. They probably recognize the road!

The other planets may not be able to support life, and it isn't exactly easy on this one.

I knew them danged scientists would keep foolin' around until they did something they hadn't oughter," stormed the old man from the hills. "Now look what they've gone and did!"

"What's that, Paw?" asked his wife. "You mean the atom bomb?"

"Heck, no," exploded the old man. "They've fooled around until now they've found something besides likker to cure a cold!"

For the benefit of his children, at Christmas, a man dressed in a Santa Claus suit and slid down the chimney. Whereupon his wife went up to him, kissed him, and said, "Merry Christmas." The youngest spoke up, to his mother's embarrassment, saying, "Gosh, first the ice man, then the milk man, now Santa Claus."

"My boy friend doesn't smoke, drink or swear."

"Does he make his own dresses, too?"

A man from a remote section of the country was dining in a French restaurant with some friends, on a visit to the city. A couple at a nearby table were finishing their meal with crepes suzette. The process was very interesting to the rural man as he watched the waiter prepare the chafing dish, silver platter, spirit lamp and liquers. As the whole thing burst into a large flame, the man's stare was fixed, and then in a loud voice he exclaimed: "What do you know! Looks like they're fixin' to shoe a horse!"

Nowadays when your ship comes in the Government sees that it is docked.

#### ADVERTISING TERMS:

PRICED LOWER THAN EVER BEFORE: we have fastened the price tags to the trouser cuffs.

WON'T LAST LONG AT THIS PRICE: This stuff won't wear at any price.

SAVE UP TO ONE HALF: You will save more if you stay at home.

FAMOUS NAME MERCHANDISE: You will think of some even better names once you get your purchases home.

NEW WINTER SHADES: All the garments are turning a funny green.

ALL WOOL WORSTEDS: Some are worsted than others.

ALL MERCHANDISE BELOW COST: Harold P. Cost, DDS, has an office over the store.

ARRIVED JUST IN TIME FOR THIS BIG EVENT: The stuff has been kicking around in the store for three years.

ALL OUR WONDERFUL LINES: including the one we're giving you now.

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