

## National Citation For Major Cates

Major Robert Cates of the Aerospace Center Plans and Technology Directorate will be the recipient of an Air Force Association National Citation of Honor February 18th, it was announced in Washington, D.C.

The major will be honored during the February meeting of the Spirit of St. Louis Chapter of the AFA. The citation will be presented by Missouri State AFA President Donald Kuhn.

According to the National AFA office the Citation of Honor is one of the highest awards that can be presented by the association. It recognizes the major for outstanding service and contributions to the Air Force and the nation while assigned to the USAF Instrument Flight Center. While there he developed special training presentations which have been recognized as major contributions to the Air Force flight training program.

The awards dinner will be held at the Ramada Inn South on the 18th beginning at 6:30 p.m. for the refreshment hour and 7:30 for dinner.

Major Cates has been with this Center since June of last year and



is assigned to the Flight Information Requirements Branch of PR.

He is a graduate of Texas A&M University where he received his ROTC commission in 1965.

Prior to coming to St. Louis he attended Air Command and Staff College. His other assignments have included F-4 pilot in Southeast Asia; C-141 Flight Examiner at Norton AFB, CA; and instrument instructor pilot at the USAF Instrument Flight Center.

# Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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Premer to Assist

Special FEB Award to Agency

# IAGS Training Development

David Premer, assistant chief of the Aerospace Cartography Department, has been named as the Aerospace Center representative to a special working group formed to assist the DMA Inter American Geodetic Survey in developing a cartographic training curriculum.

The working group will be chaired by former DMA Deputy Director for Management and Technology, Thomas Finnie, and will include representatives from DMATC, the Headquarters and the Defense Mapping School, in addition to Premer.

The IAGS has the responsibility for the training of the cartographic personnel of the Central and South

American countries served by the DMA component. Currently a training school is conducted in the Canal Zone by IAGS and traveling teams visit various countries to provide training assistance.

As a result of the new technology associated with mapping and charting, the IAGS has indicated a need to upgrade the training school curriculum so that the U.S. could better assist the developing nations of South and Central America.

It is expected the working group will be at the IAGS headquarters in the Canal Zone for approximately three weeks beginning the 6th of February.

## Top Level DoD Visitor Sees Center in Action

The Honorable Gerald Dinneen, Principal Deputy Undersecretary of Defense for Research and Engineering, toured the Aerospace Center on the 19th of last month to see the product production first hand.

Accompanying the secretary on the visit were Lt. Gen. Abner Martin, Director of DMA; Captain John Kristof, USN, aide to Dr. Dinneen; and Capt. J. W. Shattuck,

USAF, executive officer to General Martin.

During the half-day visit the Secretary received briefings on the overall mission and products of the Center as well as specialized briefings on data exploitation, point positioning (including the latest in equipment), the cruise missile program, digital data production and a briefing on the advanced systems.

A special award was presented to the Aerospace Center by the Greater St. Louis Federal Executive Board in ceremonies January 26th.

The award, accepted by Colonel St. Clair, was for outstanding service and support to the 1977-78 Combined Federal Campaign. The citation read, "The highly successful campaign completed reflects a high sense of purpose and dedication in a difficult, sensitive and humanitarian job. This exemplary performance of duty will directly improve the quality of life of the citizens of the St. Louis Metropolitan area and reflects great credit upon your agency."

In addition to the special award the agency also received the CFC agency Fair Share

award for exceeding the projected goal and increasing by 21 percent.

Certificates of recognition were awarded to those Federal workers who had served as Loaned Executives during the campaign. Ladorn Creighton of the Aerospace Center was among those recognized.

The agency was also the recipient of a third award, this in the Communicator's Award competition, for best campaign promotional materials. The Aerospace Center was selected as the outstanding agency in the large agency category. Winners in the medium and small agency category were repeaters from last year—the Army Corps of Engineer District and the Granite City Army Support Center.

## Director Named VP Of St. Louis United Way

As a result of his administration of the first Combined Federal Campaign to cover the two state area last year and his continued support of the health and welfare organizations in the Metropolitan St. Louis area, Colonel James St. Clair, Aerospace Center director, has been elected to the position of Vice President for the United Way of Greater St. Louis, Inc.

In this position he will join other key executives in the St. Louis area in determining policy and procedures for the United Way. The announcement was made January 25th by UW President,

Zane Barnes, president and chief executive officer of Southwestern Bell Telephone Company.

Others named to the vice president role were: Mrs. Frankie Freeman, attorney-at-law; James Meyers, president, St. Louis Labor Council, AFL-CIO; Mrs. William Sims, Jr. and Armand Stalnaker, chairman and president, General American Life Insurance Co.

In addition to Colonel St. Clair, three other members of the Federal family were named to the United Way Board of Directors, marking the first time that Federal participation in the organization



has been notable. Named to the board were: Johnny Bullock, Jr., area director, Department of Housing and Urban Development; Colonel Maurice Padden, base commander, Scott AFB, Ill.; and Richard Voskuil, district director Internal Revenue Service.



Love is patient; love is kind. Love is not jealous, it does not put on airs, it is not snobbish. Love is never rude, it is not self-seeking, it is not prone to anger; neither does it brood over injuries. Love does not rejoice in what is wrong but rejoices with the truth. There is no limit to love's forbearance, to its trust, its hope, its power to endure.

There are in the end three things that last: faith, hope, and love, and the greatest of these is love.

—I Cor. 13:4-9

**VALENTINE'S DAY**

## *Bits And Pieces*

**From the Black book:**

Yesterday was Groundhog Day and whether or not he saw his shadow it would appear as if winter will stay around awhile longer. It seems that we just push our way out of one snow bank into another. Considering what they've had on the East coast I suppose we really shouldn't complain. After all, traffic has kept moving for the most part and people seem to be surviving the weather without too much inconvenience. There have been a few notable events though, that we have viewed from the Building 25 windows. There was the fellow on G Lot that tried twenty-three times to back his station wagon out of its parking place and finally with a bit of blue air around the driver's seat and a heavy foot on the gas pedal succeeded. There was the one on L Lot who brought her own shovel but ran over it trying to get out of the snow bank and there was the fellow in the blue suit from the 6th Floor that weathered the K Lot elements to dig out his secretary's car. There were in fact lots of good deeds like that that we saw or heard about. It seems that adverse situations always bring people a little closer together and helping hands seem to appear out of nowhere.

—o—

Speaking of helping hands . . . the people of the Facilities Engineering snow removal crew deserve a compliment or two. They worked a couple of very long days (nights actually) to try to keep ahead of the snowfall and they were out during the day as people were leaving to help with those

The following was submitted from the headquarters. Center poets are invited to return the favor by submitting their poems to the Orientor. Selections will be made for publication and sent to other component papers.—Editor

## **Thought for the Day**

*Mapping, charting, and geodesy  
provide the means for man to see  
Over the hill and far away  
to plot a course from B to A.*

*So mapping, charting, and geodesy  
in providing the means for man to see  
Must convey enough integrity  
to reflect the makers' perspicacity.*

*A little known fact that's tightly kept  
to keep the map maker from appearing inept  
Is that in order for him to picture terrain  
he crosses his eyes to engage his brain.*

*One eye looks at one side, the other the other  
to the average person this would seem like a bother  
But this is the only way you can see  
the earth as it is, the earth in 3D.*

*In spite of the theory, it's better to plan  
to keep this truth hidden if we possibly can  
For who would trust a map if he knew  
you must be cross-eyed to make one that's true.*

*Poet Lasso of DMA*

## **Recent Carto School Grads**



# Crossword 3

Courtesy QUALITY CROSSWORD PUZZLES,  
Copyright 1977, Quinn Publishing Co., Inc.

## ACROSS

1. U-boat (abbr.)  
4. Trail  
8. Small duck  
12. Peer Gynt's mother  
13. South Seas port  
14. Biblical weed  
15. Church bench  
16. Attitude  
18. Spring flower  
20. A Farewell to —  
21. Mixed greens  
23. Songbird  
25. — Godiva  
26. "Stand up"  
27. Male swan  
30. Natural mineral  
31. Curved ceilings  
32. Candelnut tree  
33. For each  
34. Shower  
35. Struck (poet.)  
36. Penny  
37. Molars  
38. Laughter

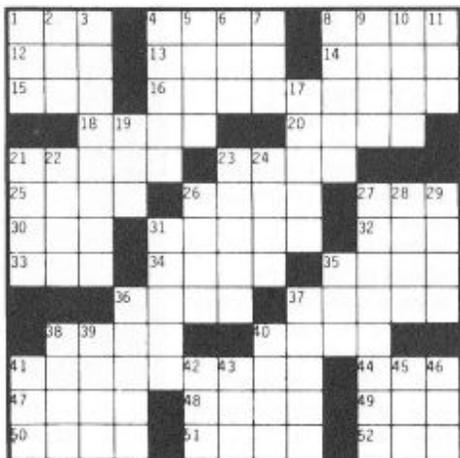
## sound

40. Threshold  
41. Dominant  
44. — J.  
Cobb  
47. Swan genus  
48. Seed cover  
49. Sort  
50. Abound  
51. Regale  
52. Malt drink

## DOWN

1. Weaken  
2. Utilize

3. Puzzle  
4. Timid  
5. Bee genus  
6. Bind  
7. Hee —  
8. Wading bird  
9. Disable  
10. Sea birds  
11. Rainy  
17. Portions  
19. Singer — Charles  
21. Spill  
22. Swiss river  
23. Restrict  
24. Danish measure  
26. Actress Crawford  
27. Showy  
28. Leave out  
29. Ablution  
31. Vision  
35. Choose (abbr.)  
36. Enchant  
37. Name  
38. Robust  
39. New Guinea islands  
40. Agitated state (sl.)  
41. Flower holder  
42. Boor  
43. Actress Mary —  
45. Building wing  
46. Augment



were leaving to help with those cars that were stranded. I heard some remark that they could have done better with the parking lots but there are a couple of things that should be pointed out: 1. Just keeping the main streets and sidewalks partially clear is a job when the snow fall is in the six inch and over range; 2. When you clear the parking lots, (which they did do after the snow stopped and they took a rest after 18 hours) there has to be somewhere to put the now and on the Arsenal there is no area that is not used for parking that allows for snow piling. The only choice is large stacks on the parking lots themselves and that always causes problems for some people.

—0—

So much for the weather. . . this is the month of hearts and flowers and a day called Valentine's. As usual, we offer to all those of the opposite gender a big verbal bouquet of red roses. Without you what would we do?

dlb..



Pictured above are graduates of the Cartographic Training Class (78 - A) who completed their course on January 10. Seated from left to right are: John E. List, University of Wisconsin; Neil D. Healey, Southern Illinois University; Steven M. Fix, University of Wisconsin; Michael P. Crane, San Diego State University. Standing from left to right are: Wayne S. Gibson, Miami University; David S. Scopp, Southern Connecticut State College; Benjamin S. Ramey, University of Wisconsin; Brian W. Lewis, Ohio State University.

## AFA Meeting February 18

The Spirit of St. Louis Chapter of the Air Force Association will hold its next meeting on the 18th of this month at the Ramada Inn South.

The program will feature the Air Force Recruiting Service and how

AFA members can assist in the work of the recruiters.

Price for the dinner will be \$7.75. Additional information on the meeting can be obtained from Stu Popp, ext. 8409.

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**Col. James H. St. Clair**  
Director

**David L. Black**  
Chief, Public Affairs Office  
Editor

## Careers Continue as 30 Year Mark Reached

**THOMAS H. GILBERT, GDCCA**, reached the 30 year mark on January 11. He was drafted into the Navy in January 1945. He was assigned on an LST as an electricians mate and served in the Pacific Theater, including Okinawa, Guam and Saipan. He was discharged in July 1946. He was also a member of the Air Force Reserves from 1961 - 1966 as an airborne radio operator on C - 119s with the 932nd Group, 73rd Troop Carrier Squadron stationed at Scott AFB, Ill.

His first Federal job was with the

assigned to the Photogrammetry and Missile Support Departments and is presently assigned to the Geopositional Department as a supervisory cartographer (photogrammetry).

He attended evening classes at various colleges in the area and after 11 years of work toward a degree, he received a BA in business administration in 1975 from Tarkio College. He was the first graduate of the Tarkio College extramural program.

**MARVIN H. GRAWE, ACMP**, reached the 30 year mark on

presently assigned as Chief, Production Management Office, Photogrammetric Data Division.

**M. DOUGLAS HOLLAND, GDGW**, reached the 30 year mark on January 11. He entered the Army in November 1942 and was assigned to the 1323rd Engineer Regiment with overseas duty in Europe and the Luzon Islands. He was discharged from service in December 1945.

He attended Lincoln University and received a BA degree in mathematics in January 1951.

He returned to Federal service in February 1951 at the Army Finance Center as a military claims examiner. He transferred to DMAAC in November 1953 and was assigned to the Photogrammetry Division. He was reassigned to the Chart Research Division in February 1958 and was assigned the task of helping to set up the Mathematical Study Section, which later became the Mathematical Support Branch. He has been assigned to that Branch since then as a mathematician.

**ALVIN H. BAUGHMAN, PDLB**, reached the 30 year mark on January 19, with all of his Federal service at the Center. He came to the Aero Chart Plant in December 1944 but left in August 1945 on a leave of absence. He returned in September 1948 and has been here since. He was in the press room for 10 years and has been in photo the past 20 years.



Gilbert



Grawe



Holland



Baughman

Post Office as a substitute postal clerk in 1948. He went to the Army Finance Center in 1950 and left there in 1952 when the facility moved to Indianapolis. He returned to Federal service when he entered on duty at DMAAC in 1954 and was assigned to the Cartography Division as a cartographic aid. He was in the first class to complete the cartographer training course graduating in December 1957. He was also

January 11. He spent six years with the Air Force, 1947 to 1953, assigned to SAC Reconnaissance Technical Squadron with half of the time spent in England.

He came to work at DMAAC in January 1954 and was assigned to the Cartography Division. He was also in Photogrammetry and Missile Support and now the Aerospace Cartography Department. He is a supervisory cartographer (photogrammetry),

## MA For Hawk

Gretchen Hawk, GDDBA, has received a master of arts degree from Webster College. The degree, in Management and in Human Relations, was received after

maintaining a straight A average.

She had previously received her bachelor of science degree from the University of Wisconsin, Oshkosh.

## Retirements

Retirements effective in December for which no information was received by the **Orienteer** are:

## New Award Categories Announced for St. Louis Airman Award

The Spirit of St. Louis Chapter of the Air Force Association has announced new criteria for the annual St. Louis Outstanding Airman of the Year competition.

Under the new system nominees will compete in four categories. Competition will be open to all enlisted members of the regular Air Force, Air National Guard and Air Force Reserve stationed in the Greater St. Louis area.

The categories will include active duty Junior Airman (Grades E-1 thru E-5); active duty Senior Airman (Grades E-6 thru E-9); non active duty Junior Airman (Grades E-1 thru E-5) and non-

active duty Senior Airman (Grades E-6 thru E-9).

Unit commanders of all Department of Defense organizations with Air Force/Air National Guard enlisted personnel assigned to stations in the Greater St. Louis area may annually submit one nomination within each category. Nominations should be submitted by the 15th of March to the Spirit of St. Louis Chapter 186, 5605 Hancock, St. Louis, Mo. 63139.

Winners will be announced and awards presented during the chapter's May dinner meeting.

## The Day That Counts

### Yesterday

There are two days in every week that should be kept free from fear and worry. One of these days is yesterday; it has passed forever beyond our control. We can not undo a single act we performed or erase a single word we said. Yesterday is gone beyond recall.

### Tomorrow

The other day we should not worry about is tomorrow, with its possible problems or promise. Tomorrow is also beyond our immediate control. Tomorrow will come, but until it does, we have no stake in tomorrow; it is not yet a reality.

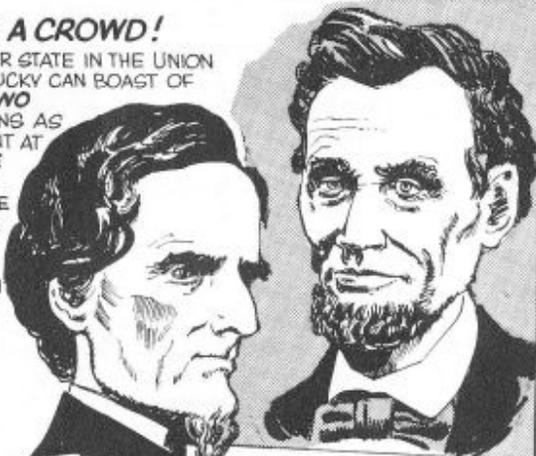
### Today

This leaves only one day—today. Anyone can fight the battles of just one day. It is only when we add the burden of those two awful eternities—yesterday and tomorrow—that we break down. It is not the experience of today that causes the most anxiety. It is the remorse or bitterness for

# THAT'S A FACT

## TWO'S A CROWD!

NO OTHER STATE IN THE UNION BUT KENTUCKY CAN BOAST OF HAVING TWO NATIVE SONS AS PRESIDENT AT THE SAME TIME! THEY WERE ABRAHAM LINCOLN AND JEFFERSON DAVIS!



THIS IS THE AGE OF...  
 ...DO IT YOURSELF!  
 INSTRUCTIONS ABOUND IN HOW TO BUILD ALMOST ANYTHING... INCLUDING A NEST EGG! DIRECTIONS? SIGN UP FOR THE PAYROLL SAVINGS PLAN WHERE YOU WORK, AND AN AMOUNT YOU SPECIFY WILL BE SET ASIDE FROM YOUR PAY CHECK TO BUY U.S. SAVINGS BONDS. IT'S EASY—ONCE YOU KNOW HOW!

☆☆☆☆

**BREATHLESS!**  
 A WOMAN BREATHES  
 1/3 FASTER THAN A MAN!

**ROBERT L. KELLY'S, FEMAD**, disability retirement was effected on December 9. He had 32 years, 2 months total Federal service, with 26-1/2 years at the Center. He had been assigned as the pest controller since 1967.

**DONALD E. MURRAY'S, PPGG**, disability retirement was effected on December 12, just one month after reaching the 30 year mark. He retired from the Air Force as a Major in 1967. He joined the Center in 1972 as a physical scientist and at time of retirement was assigned as a cartographer.

**SAMUEL P. SIMON, JR., GDCA**, retired at the end of the year with 35 years, 5 months total Federal service. He had been at the Center 31-1/2 years and was assigned as a supervisory cartographer at time of retirement.

**ROY O. STROUD, SOPB**, retired at the end of the year with 13-1/2 years total Federal service. He had been a guard at the Center since March 1966.

**GLORIA A. POWERS, CMFS**, retired at the end of the year with 31 years, 5 months total Federal service. She was a Supv Accounts Maintenance Clerk and had been at the Center over 23 years.

**RUTH M. SIMPSON, ADF**, Washington, D.C., retired at the end of the year with 35 years, 8 months total Federal service. She was a supervisory writer-editor and had been at the Washington Office the past 15 years, 8 months.

or the dread of what tomorrow may bring. Thus, only one day in the week requires our very best attention and action—the "today" we live one day at a time.

## Incentives Award Committee Named

New members of the incentive awards committee have been announced and orders published for the appointment of the committee.

Members serving one year appointments include: Robert Zimmer, PD, chairman; David Caverly, PR, alternate chairman; Michael Platter, FE; Alfred Lutes, alternate; Kennard Whitfield, PR; June Moran, alternate; Donald C. Shelton, SD; Darryl E. Crumpton, alternate; Shirley Long, AC; Ruth McCann, alternate; Kent T. Johnson, AD; Meredith Morris, alternate.

Members serving two year terms include: James Wissler, CM; Maurice King, alternate; Lillian McKeever, LO; Lester Dreiman, alternate; Chester Gross, PP; Murrell Ferguson, alternate; David T. James, PD; Robert Zimmer, alternate; Jean Van Ness, GD; Ronald Cramer, alternate.

## In Sympathy

Norman G. (Jack) Whitener, LOSP, died on January 17. He had been at the Center since October 1, 1962 and was assigned to the Supply Division, Directorate of Logistics. His wife, Alberta June, is a supply clerk in the Distribution Division of Printing and Distribution Department. They have one son.



Services were held at Fredericktown, MO on January 21 with interment at Mt. Pisgah Cemetery.

**Start the Year Right With Bonds**

# Center Adds New Scientific Computer to Inventory

A large scale UNIVAC 1100/40 computer system was accepted by the Center during December as an addition to its scientific computer inventory.

The system was actually installed last October and has been undergoing acceptance testing during the last two months of 1977.

The 1100/40 consists of two command arithmetic units (CAU) one one input/output access unit (IOAU) which is shared by the CAUs. The central processing unit consists of a CAU and an IOAU.

The system was acquired to meet the increased workload requirements of the Center in a

rapid fashion.

The new system features semiconductor, integrated - circuit memories with higher speeds and larger capacities than the 1108 previously used. It has a 280 nanosecond non - destructive read and a 380 nanosecond write time. A nanosecond is one - billionth of a second.

The core is modular with 262,000 words comprising the primary memory. It is planned to upgrade the memory in phases to 458,000 words.

Some of the peripherals include two high-speed drums, two large capacity drums, ten disc storage

units, 13 tape drives and a printer. Additional two printers, two card readers and two card punches are shared with the 1108 multiprocessing system.

The 1100/40 is fully compatible with the 1108 and can run any program developed for the 1108 without change. The new system has built-in error correction techniques, interchangeable data paths to the central processor and is capable of dynamic reconfiguration. According to operators, routines are also available to provide on-line maintenance with minimal disruption to regular operations.



Vernon Charleston sits at the console of the new 1100/40 computer system as Juanita Britton places a magnetic tape on one of the tape drive units.

## Suggestions Mean Dollars and There's An Idea Around Every Corner

by David L. Black

Suggestions are ideas and ideas are the backbone of the American way. For those of us in Federal service, military and civilian, the suggestion program offers an avenue to increase our incomes while at the same time saving money in our pocketbooks as taxpayers.

If you're one of those that thought you could never come up with an adoptable suggestion then read the next paragraph carefully.

Recently an Air Force technical sergeant earned \$1,345 through the suggestion program for an idea of replacing square waste baskets with round baskets. The suggestion was adopted government-wide by the General Services Administration which estimated the first-year savings of \$244,410.

It seems the sergeant noted that both basket styles hold about the same amount of waste, but the square

recognized by a letter from the President.

Personnel who receive Presidential letters under this program will be considered for honorary Presidential Management Improvement Awards, presented annually at the White House.

Within the Defense Mapping Agency full emphasis is being placed on the suggestion program and the President's Recognition Program. DMA Director, Lt. Gen. Abner Martin, has said, "I am confident that, among our talented and highly competent people, there is a wealth of untapped ideas which could have a profound effect upon efficiency and productivity.

According to the experts, those who have been successful in the program, the best place to start looking for ideas is within your own job area. Here is an eight question listing which can give you a

what ideas can I suggest for the other jobs in my department and for other departments?

After you've jotted down your answers you're ready to aim for the pay-off. To do that think over your answer carefully, looking for good suggestion ideas. Perhaps you'll want to talk an item over with someone else to get more thinking on the subject. After you've formulated what you think is a good suggestion write it out carefully, even sketch it out if that

A new Base Restaurant Council and Restaurant Officer have been appointed for the new year.

Kenneth Diers, PPCN, has been named as Restaurant Officer with ten members and alternates serving on the Council.

Making up this year's Council are Gerald Schuld, SDDL; Ralph

Gilbreath, alternate, PDD; R. Eleanor Mandel, ACNAC; Ronald Foster, alternate FEMPA; Alvin West, ACPA; John Hinkel, alternate GDCAA; Stuart Popp, ADF; Robert Schnure, alternate PRRF; Mary Ann Hinton, POA; and Charles Turner, alternate FEI.

will help explain the proposal, and submit the entry on a suggestion form. At the Aerospace Center the

form to ask for is DMA 1432.1R.

Good luck!

## Traditions--Where Do They Come From?

By Philip R. Smith

Traditions continue to be a part of military life, and many of them go back for hundreds of years. Marching in step, for example, originated with the famous Swiss pikemen of the 15th century. Unless they kept in step, they could not carry their 18-foot pikes

Roman legions are no more, but a similar-shaped banner is carried in church processions today, a memento from Roman influence on the early Christian church.

The military hand salute dates back to very early times. Raising the right hand, without a weapon, indicated friendship and no intent to

same amount, but the square baskets are made of heavier steel and have feet. The extra features add nothing to their usefulness and the cost is \$3.28 more than the \$2.22 average cost of a round basket.

There is a suggestion that paid dividends and has been sitting in front of all of us for years. If he could do it, why not you?

To add more incentive to the suggestion program the President recently said, "If we are to improve the quality and performance of our government, we must involve all government employees in that task. We need their determination, their energy, and their ideas to set high standards and see that we meet them. One way to give public employees a greater stake in the government's performance is to recognize those who have made exceptional contributions—especially, these days, in the crucial area of energy conservation."

The President intends to recognize major contributions personally. Each person whose idea or other achievements beyond job requirements saves the government \$5,000 or more, or represents a major contribution to the Nation's energy conservation effort, will receive a personal letter of thanks from the President. Exceptional contributions in the areas of government reorganization, zero base budgeting, paperwork reduction, and regulation reform, also will be

job area. There is an eight question listing which can give you a starting point into the suggestion program.

1. What do I see on my own job and around me, about present procedures, equipment and facilities, that doesn't seem as safe as it could be?

2. Which parts of my job seem to be the most difficult to do and what methods, procedures, tools or equipment would make those parts of my job much easier to do?

3. What things that I do now—by present methods and procedures—seem to take the longest time, and how could the present methods and procedures be changed or combined to shorten the time?

4. What's the most complicated thing I do now, and how would I go about making it a lot simpler to do?

5. What are the most expensive tools, materials or equipment I use and what could I be using instead to produce equal or better results at less cost?

6. What is there about the work or products I work with that could be improved upon, or added to, to increase their value and make them even better than they are now?

7. What, in my mind, seems to be a waste of materials or space, or effort, or money, and if I were paying the bills how would I go about reducing that waste?

8. Now that I've concentrated on my own particular job—what have I observed along these lines and

without skewing each other.

It is said that military uniforms were created by Louis XIV of France in 1668 so that the ladies—who preferred soldiers—could distinguish them from the civilians. Prior to that time, military men dressed as they wished.

That most military buttons are made of brass results from the preference of Frederick the Great of Prussia who liked to see them shine as the troops marched by. Buttons on jacket cuffs were more utilitarian; they prevented common soldiers from wiping their noses on their sleeves. Only the rich in those days could afford handkerchiefs—or indeed used them.

If you were recently gigged for a haircut, consider that Peter the Great of Russia lopped off the heads of the soldiers when they refused to cut their beards.

Today, officers' uniforms are more or less similar to those of enlisted members—drab. And for a good, practical reason: saving lives.

Casualties among officers were much higher in days of yore because they were easy targets in their resplendent military dress. Yet the long red military sashes worn in the British and American armies of the American Revolution were useful as well as decorative. They could be strung up as a hammock, or used as a litter to carry a wounded or dead officer off the field of battle.

Although most flags today are confined to the headquarters, such was not always the case. In fact, the first flags were not flags at all, but objects of some significance. The military standard carried by the Romans, called the manipulus, was simply a sheaf of grain tied to a pole.

The Romans also carried a square cavalry flag draped from a spear with a crossbar. The

weapon, indicated friendship or no intent to inflict harm.

The first American military decoration, the Badge for Military Merit, was established by George Washington in 1782. Although long since consigned to the museum, three existing decorations, the Legion of Merit, Purple Heart and Medal for Merit, stem from it.

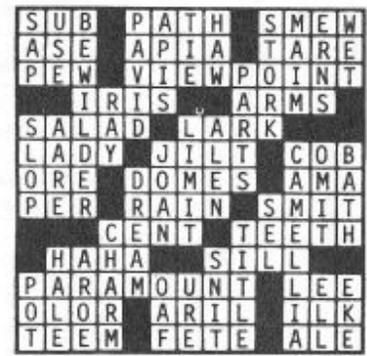
Traditions throughout society come and go, but in the military—a very old profession—they seem to last a good deal longer.

## Named to Who's Who

José Bello III, son of José Bello, Jr., GDDBA, has been accepted into Who's Who in Music Among American High School Students.

A junior at Hazelwood West Senior High, José is in the concert, varsity and pep bands and in the orchestra where he plays an oboe and bassoon. He is the accompanist for the concert choir and is studying music theory for the second year.

José is helping with auditions for the school's spring musical and is organist for his church.



CROSSWORD 3