



# Orienteor

DEFENSE MAPPING AGENCY AEROSPACE CENTER

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# Season's Greetings



MEL WAN



DEFENSE MAPPING AGENCY  
BUILDING 56, U.S. NAVAL OBSERVATORY  
WASHINGTON, D.C. 20305

8 Dec 1978

TO ALL MEMBERS OF THE DEFENSE MAPPING AGENCY AND THEIR FAMILIES

Mrs. Martin joins me in wishing you and yours a joyous and safe Holiday Season.

This past year has seen many fine accomplishments by the people of DMA. You can take pride in your service to the Country and the contributions you have made to advance the cause of freedom. In this season of brotherhood, it is appropriate that we reflect on the benefits that we all share in working together toward a common goal.

Our warmest regards go out to you, with best wishes for a Happy New Year.

ABNER B. MARTIN  
Lieutenant General, USAF  
Director

## Last ICBM Completed

Production of the Minuteman intercontinental ballistic missile, mainstay of the nation's land-based ICBM force, has ended. The last missile has been completed at Hill AFB, Utah by the Boeing Aerospace Company, which received the Minuteman assembly, test and installation contract in October 1958.

Through the years, the Minuteman system has been one of the major deterrents to nuclear aggression against the United States.

Minuteman was conceived during a critical period of Cold War. Its development required a massive effort by some of America's top defense companies

in the mid-1960s by the Air Force Space and Missile Systems Organization, Boeing is currently conducting this work at Malmstrom AFB, Mont. and Whiteman AFB, Mo., officials said.

Despite improvements to the Minuteman system over the years, there is concern that by the mid-1980s the fixed location of the silos could make the missiles vulnerable to attack.

The Air Force has proposed an advanced ICBM called missile X, or MX, as a follow-on to Minuteman. An option under the MX concept is that a missile would be moved among a number of launch sites to confuse enemy targeting.



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1978

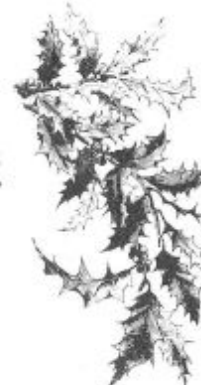
HOLIDAY GREETINGS

As the holiday season approaches and we near the end of 1978, we of the Aerospace Center can feel great satisfaction as we reflect on our achievements during the past year.

During this year the Center has continued to provide essential, high quality products and services to United States aerospace forces throughout the world. To meet ever-increasing demands of modern weapons, we have developed new technologies and acquired new skills. We have brought many new people into our work force -- dedicated people with new ideas and new capabilities. As we expanded this year in size and complexity, we continued our efforts to produce our products in the most efficient and economical way possible.



SEASON'S GREETINGS





and a nationwide network of suppliers.

The first production missiles were ready for use just six months before the Cuban missile crisis of October 1962.

Since 1967, 1,000 missiles have stood on silent alert in underground silos at six Air Force bases from Montana to Missouri. The nuclear armed missiles can reach targets more than 6,000 miles away. Their silos are dispersed over hundreds of square miles to enhance their survivability.

Minuteman missiles and their ground support equipment were designed to allow for improvements required by changing technology and strategic conditions. Thus, the early Minuteman I has been replaced by the more capable Minuteman II and III. Ground support equipment has been strengthened and upgraded to better withstand a nuclear attack.

Final assembly of the missiles has been conducted by Boeing in government-owned facilities at Hill AFB. Approximately 2,400 missiles were built.

Several hundred Minuteman missiles have been launched from Vandenberg AFB, Calif. for engineering and testing purposes and to provide realistic training for crews.

Although production has ended, improvements to the silos and other ground support equipment continue. Under a program begun

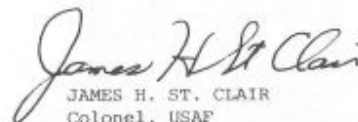
and a decision to develop and deploy such a system, officials said, has not yet been made. Meanwhile, the Minuteman force continues as a major element.

## Promotions

The following people received promotions during the month of November: Auda M. Adler, GS-5; Lorraine T. Beck, GS-9; Evelyn Bible, GS-6; Edward M. Black, Jr., GS-11; Mamie S. Brantley, GS-9; Roberta L. Braundel, GS-6; Stella L. Brooks, GS-11; Mark J. Burghardt, GS-7; Linda M. Carter, GS-9; Melody A. Clasen, GS-5; Judy D. Conway, GS-5; Dennis R. Crain, WG-8; Leona M. Cramer, GS-9; Vivian A. Dednam, GS-7; Steven E. Ditterline, GS-7; Mary E. Doll, GS-9; Donald R. Duncan, GS-12; Richard A. Egan, GS-11; Janet M. Fialka, GS-6; Diane E. Hinsen, GS-6; Christine E. Hoelker, WG-8; Joseph C. Horvath, Jr., GS-7; Barbara J. Jaeger, GS-6; Michael E. Kling, GS-6; Robert Logan, Jr., GS-5; Cacheeta V. Mack, GS-6; Marlene C. McAllister, GS-6; Gene McLeod, GS-12; Kathryn E. Meder, GS-6; Felton Mitchell, GS-11; Janet M. Nugent, GS-7; Marie J. Pratto, GS-5; Thomas M. Prout, GS-6; Mary K. Ramspott, GS-4; Gloria J. Ross, GS-5; Richard A. Seifert, GS-11; Betty J. Sturm, GS-9; Concer E. Tate, GS-11; William J. Zdrodowski, GS-12.

As you and your friends and family celebrate this joyous season, you may take pride in your contribution toward maintaining the freedom of this great nation.

Season greetings to all the Aerospace Center members and families. May your holidays be bright and merry and your new year filled with happiness and good tidings.



JAMES H. ST. CLAIR  
Colonel, USAF  
Director

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## Bible to Head BAG

Evelyn Bible was recently elected president of the Black Awareness Group for the 1979 term, according to information received by the **Orienter**.

Others elected to office were: Beverly Jamerison, vice president, and Glenda McGuire, secretary-treasurer.

The new president solicits support from all present and former members to renew commitments to the organization's goals and actively participate this year.

The next meeting of BAG will be held January 9 in the 6th Floor conference room at 4:00 p.m.

## Ebel Chosen V.F.W. Officer

Bernhard C. Ebel II, ACAD, has been appointed as a Deputy Chief of Staff for the Department of Illinois Veterans of Foreign Wars. The appointment was made by James L. Mascola, State Commander. There are 110,000 V.F.W. members in Illinois.

Ebel is currently a member of V.F.W. Post 1739 in Belleville, Illinois and has been for 32 years, which included being a Past Commander. He is Surgeon for V.F.W. 14th District and Commander of the Belleville Area Veterans Screening Council.

Ebel is also a member of D.A.V. Chapter 24, Belleville, and past Deputy Chief of Staff of the Department of Illinois for two years.

## Mihaljevic New Toastmasters President

Mary Mihaljevic was elected new president of the Aerospace Center Toastmasters club at the December 7th meeting of the organization.

Elected to other offices were: Ed Hamrick, educational vice president; Ruth Lockridge, administrative vice president; George Shalhoob, secretary; Bill Smith, treasurer; and Bill Paxton, sergeant at arms.

Bill Mantinband will continue to serve as editor of the Club bulletin.

The installation of the new officers will be on January 4th during a special dinner meeting at the Mascara's Restaurant.

## November Honor Roll

### 35 YEARS

Ira B. Cochran, Jr., William E. DeMay, James M. Fahey, Jr., Harold L. Lewis, Hiram D. Lloyd, Jr., Norma I. Shickman, Willard W. Wood, Paul O. Crabtree, Charles W. Lambert, Jr., Frank J. Finklang.

### 30 YEARS

John Hopkins, Thomas A. McNamee, Jr., Walter E. Stevenson, Jr., William A. Bedo, Calvin Weaver, Jr., Porter Mickens, John L. Ploss, Bettie S. Scott, Margaret M. Buehler, Vernon J. Edelmann, William H. Schramm, Jean VanNess, Charles W. Helber, Joseph A. DeVincent.

### 25 YEARS

Tommy T. Smiley, Roy C. Phillips, Barbara L. Savalick, Hilbert N. Harres, Ruth C. Kath, Thurman E. Harshaw, Ewell E. Clemons, Jr., Joseph F. Heidolph, Jr., Thelma J. Poole, J. Donald Define.

### 20 YEARS

Ronald C. Updegrave, Walter L. Burton, Allen H. Butler, Adam W. Mink, Erma L. Haynes, Max G. Roberts.

### 15 years

Gene M. Woodford, Alice O. Depew, Mary F. Engram, Harold D. Brown, III, Brice H. Mouw, Gerald W. Mikesell, Claudia B. Anderson.

### 10 YEARS

Janet M. Bisson, Charles D. Tremble, Jan E. Whitford, Dorothy J. Herchert, Phyllis A. Cass, Mary F. Ward.

### OUTSTANDING PERFORMANCE RATING

Gerald V. Krauss, Gregory J. Kuehl, Gail O. Penn, Joseph S. Platte.

### OUTSTANDING PERFORMANCE RATING/QUALITY SALARY INCREASE

John M. Finch, Mary Ann Lombardo, Diane M. Rooney, Olin B. Spyers.

### OUTSTANDING PERFORMANCE RATING/SUSTAINED SUPERIOR PERFORMANCE

Doris E. Edwards, Judith M. Fizer, Stanley W. Murray, Daniel A. Ragusky.

### QUALITY SALARY INCREASE

James E. Abernathy, Donald J. Dixon, Gary W. Gann, Nancy E. Icenhower, Samuel M. Ivery, Melvin C. Jostes, Emil G. Kemp, Dennis W. Langlois, Francis M. Mirkay, Lenford R. Penrod, Joseph W. Stitz.

### SUSTAINED SUPERIOR PERFORMANCE

Mary B. Abernathy, Lloyd C. Alton, Elijah Antrum, Robert B. Bateman, William A. Bedo, John W. Boyd, Jack M. Diaz, Walter D. Grimm, Jack G. Hughes, Chester E. Ketterer, Jack Muirhead, John J. Nimesheim, Wesley Reed, Robert E. Stigall, Daniel A. Taylor, Cornelius J. Toomey, Donald P. Vail, Ernest Williams,

## New Parking Spaces Available For Employee Use

Over 100 new parking spaces will become available to employees as the year draws to a close. The spaces, which will help to relieve current overcrowding problems, include 84 made available last week and 30 to be created along the east half of 2nd Street in the immediate future.

The 84 spaces recently acquired are located on a lot at the corner of Utah and 2nd Street. The lot is owned by the Vincent Brass & Aluminum Company and has been made available to Center employees by the company on a park-at-your-own-risk basis. Neither the

Federal government nor the Vincent Brass & Aluminum Company assumes any responsibility for injury or damage to persons or vehicles entering the lot.

The parking area was made available by the company as a good neighbor gesture to help alleviate the congested street parking along 2nd Street and Utah. Employees are reminded that proper parking (only in marked spaces) is essential for efficient, orderly and continued use of the lot.

Additional parking will be created by the Aerospace Center along the east side of 2nd Street by resurfacing the street area and changing the parking from parallel to diagonal. The result will be an increase in available parking spaces along the street by 30. Weather is the factor that will determine when the project can be completed as temperature conditions must be on the warm side for the resurfacing. Facilities Engineering is in charge of the operation and hopes to have it completed prior to the first.

## New Recreational Program Schedule Outlines Volleyball and Basketball for '79

Formation of the Aerospace Center Sports and Recreation Council has resulted in the establishment of a Center mixed volleyball league and two men's basketball teams.

The council, chaired by Lt. Col. Jerry Carlton and composed of Ken Whitfield, Penny Miller, SSgt Jack Crawford, Phil Foster and Don Tuttle, has contracted for use of the Carondlet YMCA on Tuesday nights beginning the 2nd of January.

A double round robin schedule has been established with nine mixed volleyball teams playing 16 games over a period of 18 weeks. At the completion of the program the top eight teams will play a double elimination tournament

TSgt. Roger Hudson will serve as the lead referee and organize the referee corps.

Volleyball teams are now in the process of choosing names. **Team captains and team identification numbers are shown with the schedule printed on page 4.**

Thirty-six employees have responded to the men's basketball team announcement and three practice sessions have been held as of press time.

According to Colonel Carlton, they plan to have two basketball teams representing the Center, with one entered in the Granite City Support Center league and one in the Crestwood City league.

The Granite City league will be composed of 10 teams all

representing Department of Defense agencies in the St. Louis area. Play will begin on January 4th with the schedule to be announced some time shortly. Play will consist of an 18 game double round robin. Complete details of the Crestwood City league are unavailable at this time but the schedule is expected to begin shortly after the first of the year.

Competition in both leagues is expected to be strong with former college players on nearly every team. Aerospace Center participants due to their late practice start will have to make a total commitment to game and practice calls in order to be competitive.

Basketball coaches are being chosen this week

Taylor, Cornelius J. Tooinley, Donald P. Van, Ernest Williams, Louis A. Zucol.

### SPECIAL ACHIEVEMENT AWARDS

Helen F. Johnson, Marilyn M. Simpson.

### SUGGESTION AWARDS

Robert E. LaBeau, \$210.00; Ruth Hansen, \$145.00; John R. Hinkle, \$100.00; John E. Seiffeitt, \$100.00; Virgil K. Haun, \$90.00; Irwin Baumgartner, \$50.00; Lawrence Brachter, \$50.00; John G. Broleman, \$50.00; Thomas M. Little, \$50.00; Joe Walker, \$50.00; Dorothy C. Brown, \$40.00; Pat M. Bredon, \$30.00; Richard B. Dierkes, \$25.00; William C. Fineran, \$25.00; Loren D. Hicks, \$25.00; John B. LaBusier, \$25.00; John J. Lipke, \$25.00; Thomas C. Nelson, \$25.00; August H. Piezing, \$25.00; Robert D. Russell, \$25.00; Lawrence M. Layton.

## Junior Achievement Visitation Night

November 29th was staff visitation night at the Northside Junior Achievement Center sponsored by the Aerospace Center.

Visiting were Col. James St.

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

Director

**David L. Black**

Chief, Public Affairs Office  
Editor

Clair and Col. Robert Burns, Aerospace Center director and deputy director. During the tour they were briefed on the products manufactured by the three Junior Achievement companies sponsored by the Center.

Company officers briefing the staff were: Carla Richardson, president of the Great Achievers; Mark Myles, president of the Progress Co.; and Hampton Brown, vice president for sales of the Production Unlimited.

Colonel St. Clair presented charters to each of the three Junior Achievement companies. The charters are licensed to operate the companies under the JA program.

## Pegler Retires As H/TC Technical Director

Dewey S. Pegler, formerly of the Aerospace Center and current technical director of the Defense Mapping Agency Hydrographic/Topographic Center will retire from federal service January 5th.

The top civilian at the Brookmont, Maryland component began his career with the Army Map Service in 1942. He transferred to the Aeronautical Chart Service (forerunner of the Aerospace Center) in the Washington, D.C. area in 1944 and then back to the Army Map Service two years later. In 1948 he again went back to the Aeronautical Chart Service to head the cartographic research operations.

In 1954 the advancing Pegler moved to St. Louis as the chief of the plans and programs division in the Directorate of Operations of the old ACIC. In 1962 he returned to Washington, D.C. when he was promoted to deputy chief of the aeronautical charting and aerial surveying management staff in the Office of the Director of Operations for Headquarters Air Force.

He was the principal Air Force participant in forming the Defense Intelligence Agency. With the creation of DIA in 1963 he was named chief of programs in the



Office of the Assistant Director for Mapping, Charting and Geodesy of DIA.

With the 1971 decision to create the Defense Mapping Agency Pegler was called upon to serve as a key member of the start-up staff.

From July 1972, when DMA officially was founded, through 1974 he served as chief of the program integration division of DMA before assuming his duties as the technical director of the Hydrographic/Topographic Center in January 1975.

Retirement ceremonies will be held in Washington, D.C. on January 5 for the top civilian of the Washington-based component.

## In Sympathy

Vivion B. Larkin, LO, retiree, died on December 5. He came to the Center in September 1956 and was assigned as administrative officer in the Directorate of Materiel until his retirement in February 1969, with 32 years total Federal service.



Services were held on December 7 at United Methodist Church with interment at Waverly, Mo.

He is survived by his wife Mildred and son Dennis.

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Dayde E. Hufnagel, a carto technician in the Chart Depository, or Map Library, of the Chart Research Division, when her disability retirement was effected in December 1961, died on Tuesday, November 28.

Memorial services will be held at the First Presbyterian Church of Kirkwood, 100 E. Adams, Kirkwood, Mo. on December 27th at 11:00 a.m.



# Two at Kansas City Mark 30 Years

**BETTIE SUE SCOTT's, ACKIA,** Federal service began 30 years ago on November 15 at the Internal Revenue Service. She stayed one year before transferring to the Department of Agriculture.

In August 1951 she entered on duty at the Army Map Service, then located at 16th & Oak, Kansas City, Mo., where she worked in the Compilation Branch and the Edit Branch. She then transferred to the Photogrammetric Division where she stayed until it was abolished in 1973. The period following this was devoted to negative engraving and photo interpretation. Since the 1977



Scott



Helber

merger of the Topographic Center, Kansas City Office and the Aerospace Center, she has been assigned to Imagery Analysis.

**CHARLES W. HELBER, ACK-**

**BA,** reached the 30 year mark on November 28. He worked for the WPA in 1933-34 in pick and shovel type work. He went into the Air Corps as a signalman and was then assigned to the 8th and 9th Air Force in the European Theater of Operations as a cryptographer. He was a part of the First Allied Airborne Army when discharged in 1945.

He returned to Federal service at the Army Map Service in August 1951 and has had continuous service to present date in what is now the Aerospace Center's Kansas City Office.

## Salinas' Son Takes Federal Award



Harry R. Salinas (left), son of Claudio Salinas, a technical translator with the Aerospace Center, was recently presented an Equal Opportunity Award by the mayor of Columbus, Ohio. The



## Martin Nov. Patrolman

Philip Martin has again distinguished himself from among his peers to be selected as security policeman of the month for November.

According to Security Police officials, Martin is a highly dedicated employee who is respected by co-workers as well as

### DMAAC CO-ED VOLLEYBALL ROUND ROBIN SCHEDULE

	<u>2 Jan</u>	<u>9 Jan</u>	<u>16 Jan</u>	<u>23 Jan</u>	<u>30 Jan</u>
Game #1	9 - Bye	8 - Bye	7 - Bye	6 - Bye	5 - Bye
Game #2	1 - 8	9 - 7	8 - 6	7 - 5	6 - 4
Game #3	2 - 7	1 - 6	9 - 5	8 - 4	7 - 3
Game #4	3 - 6	2 - 5	1 - 4	9 - 3	8 - 2
Game #5	4 - 5	3 - 4	2 - 3	1 - 2	9 - 1
	<u>6 Feb</u>	<u>13 Feb</u>	<u>20 Feb</u>	<u>27 Feb</u>	
	4 - Bye	3 - Bye	2 - Bye	1 - Bye	
	5 - 3	4 - 2	3 - 1	2 - 9	
	6 - 2	5 - 1	4 - 9	3 - 8	
	7 - 1	6 - 9	5 - 8	4 - 7	
	8 - 9	7 - 8	6 - 7	5 - 6	

### TEAM # TEAM CAPTAIN & PHONE NUMBER

1	Chuck Arns - 4901
2	Steve Beleck - 4043
3	Barry Heady - 4683
4	Penny Miller - 4822
5	Jim Simpson - 4001
6	Rob Reher - 4781
7	Jim Sieve - 4653
8	Rich Rommler - 4701
9	Jack Crawford - 8194

### TIME SCHEDULE

GAME 1	- 4:00
GAME 2	- 5:00
GAME 3	- 6:00
GAME 4	- 7:00

## Whose Goose Got Cooked?

by J. Jones

The Physical Geodesy Products Branch of the Geosciences Division held its annual Fall Dinner in November 1978. This year's theme was "Potpourri." Indeed the fare ranged from the hors d'oeuvres—water chestnuts cooked with bacon, cream cheese sandwiched in salami, assorted pickles and relish,

spiffy spinach, mushroom and onion salad,

... to the entrees—buds of broccoli, piping potatoes, okas of onions and carrots, spicy squirrel stew, garnished goose, minced meatballs, hearty hot dogs with savory sauce, meaty mostaccioli,

... to the desserts—there were pies and cakes galore, with cookies with a touch of the Greek. It was supposed that cups of natian pastas

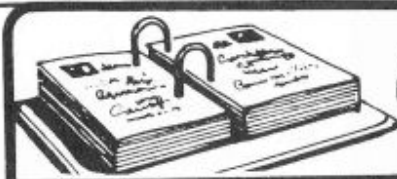
... to the breads—sour dough

Equal Opportunity Award by the Mayor of Columbus, Ohio. The award was given by the Federal Executive Association of Columbus and Central Ohio. Salinas is the employee career development and assistant equal employment opportunity officer at Rickenbacker Air Force Base, Columbus.

He served in the U.S. Army from September 16, 1974 until September 15, 1977 and joined the Center on September 30th.

bread, home made rolls, . . . to the salads—jovial jello salad, colorful cole slaw, tangy taco salad, crunchy carrot salad,

rumored that cups of native nectar added to the festivities. In case you're wondering "whose goose got cooked," ask the geodesists from GDGB! !



# Calendar

January 1979

JAN	EVENT	WHERE	INFORMATION
1	NEWS YEARS DAY – HOLIDAY		
4	Association of Litho Clubs	Grant's Cabin	V. Wojcicki/4713
4	ACSM Meeting	Dining Hall	J. Harris/4815
4	Toastmasters, Installation of Officers	Mascara's Rest.	
9	FBA Lunch & Meeting	Carpenters Hall	D. Black/4142
9	BAG Meeting	6th Fl Conf Rm	G. McGuire/4742
12	Bloodmobile	South Annex	D. Ullo/4292
12	DMAAC Women's Club Luncheon	The Loft	Mrs. E. Williams 962-1098
18	Toastmasters	Lindbergh Room	
18	FEW Meeting	Dining Hall	Maj. P. Wilder/4406
19	Bloodmobile	2nd Street	D. Ullo/4292
25	Toastmasters	Lindbergh Room	
25	ION Meeting	Viking Rest.	J. Flaherty/4892
30	NFFE Local 1827	Dining Hall	V. Haun/4044
	Contact Marge Wisneski/4142 to have your February events listed.		

" 'T WAS THE NIGHT BEFORE CHRISTMAS WITH SANTA CLAUS AND JAWS TOO. !"

