



AWS Observer

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December, 1981

Command units aid Santa Claus in yearly duties

Where did Santa Claus look for help when last minute paperwork and Christmas deadline pressures began to mount?

None other than the Military Airlift Command, and some of its worldwide units.

When the command center first picked up Santa's calls for help, they went first to the unit closest to the North Pole — Detachment 2, 11th Weather Squadron at Eielson AFB, Alaska. The weather observers and forecasters handled most of Santa's administrative work with Santa's Mailbag program.

After they finished their jobs for the day, they put in dual duty mailing letters for Santa complete with North Pole postmark to his young correspondents. They've been doing this since 1954, first for children of service people overseas, but the program has snowballed into an annual project that brings cheer to thousands of Santa's admirers throughout the world.

And when it looked like Santa's international dateline crossing into the Pacific might be delayed, his helpers at the 54th Weather Reconnaissance Squadron at Andersen AFB, Guam, did the honors for

children at some 58 Pacific islands.

They organize a yearly Christmas air drop, and this year dropped packages weighing up to 200 pounds which included food, clothing, books, fishing gear, and of course toys.

The unit flew only three missions this year due to military requirements because of typhoon Kit. Information on the total weight of the drops is not available, however 3,600 pounds were dropped on the first two missions.

But Santa's biggest helpers were those behind the scenes — MAC crews and personnel who flew and unloaded the mammoth C-5 Galaxy and its counterpart C-141 Starlifter aircraft which carried tons of mail, presents and care packages to the thousands of military members of all services stationed around the world. These helpers are particularly important to those in remote locations that even Santa might have some difficulty finding.

So if on Christmas Eve, the sky seemed filled with more than the sound of reindeer — it might have been one of Santa's many helpers in a blue suit. (MNS)

Bright Star tests MAC capabilities

Air Weather Service personnel were among the more than 1,400 Military Airlift Command aircrew members and support personnel who participated in Bright Star '82, one of the largest exercises involving American military forces in the Middle East.

The exercise, which was conducted in Egypt, Sudan, Somalia and Oman, was held through mid-December.

Most of MAC's airlift capabilities were tested, including airland and airdrop of people and equipment. Missions left from a MAC base, went to an onload base to pick up troops and equipment, then stopped at an en route base for fuel before reaching their final offload location.

To exercise its long-range capabilities, MAC air refueled

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Bold Eagle

1st Lt. D'ANN GREENING, Detachment 10, 25th Weather Squadron, Bergstrom AFB, Texas, climbs aboard an F-15 Eagle for her incentive ride. The ride was for her participation in Bold Eagle '82. See story on page 3. (U.S. Air Force photo by Sgt. Louis Arana-Barradas)

Command line

People, families made '81 great

The Christmas Season gives us a chance to reflect on where we have been and what the future may hold. You, the 4,700 men and women who wear the Air Weather Service patch, have made this an exceptionally productive year for AWS and the Air Force — and in so doing, you have, individually and collectively, made significant contributions to our Nation's security and what we cherish as our way of life.

During 1981, I have travelled over 100 days TDY visiting our units. I've seen where and how you do your jobs; I've enjoyed our frank discussions of the issues which face us now, and those which will face us in the future; I've had the privilege and pleasure of meeting your families.

Throughout the year, I have come away with a stronger

sense of pride and a deeper sense of respect and appreciation for you, the people, who continue to do your jobs with distinction, dedication, and professionalism at some 260 locations where our Nation's flag is unfurled.

The first of January ushered in a new year — a year filled with promise, challenge, expectation, and certainly anxiety. We enter 1982 with our Nation at peace — our way of life secure — but fully aware of ongoing confrontations and tensions in our world, political, economic and military.

We in the Air Force recognize (probably better than our society as a whole) the threat which continues to challenge our society.

It is clear we are part of "We the people of these United States ..." — but we are also

different — different because we have assumed a responsibility found nowhere else in our society — that of preserving liberty, assuring human rights and the dignity of the individual, and protecting the sovereignty of this great Republic.

At the year's end, I would be gravely remiss if I did not recognize the families of military members. Nowhere else in our society do we ask people to move frequently, make new school friends, endure the high cost of moving, and experience family separations due to extended TDY's and remote assignments.

Our families are absolutely essential members of the Air Force team — for without their love, concern, understanding and commitment, those of us

who wear the uniform would not be able to do what we perceive we must do, and what our Country calls on us to do.

I thank you all for what you do, and do so well, every hour of every day. I'm proud of all of you; I believe in you, in our mission, and what you mean to our Nation.

Your work has not gone unnoticed — it is your untiring efforts, intense interest and dedication to our Country which serve as sources of pride and motivation to me daily. You are truly very special Americans.

We should all express thankfulness for the good life we enjoy, wrapped in the protection and opportunity offered us by this great Republic of ours. Mrs. Kaehn and I thank you all for your



Brig. Gen. A. J. Kaehn Jr.
AWS Commander

unswerving support; we hope joys and blessings will be with you and your families, and that 1982 will be your happiest year ever.

Enlisted line

Gains made for AWS units, personnel in 1981



CMSgt. George M. Horn
AWS Senior Enlisted Advisor

Laurence Peter said, "If you don't know where you are going, you will probably end up someplace else."

In reflecting on 1981, we'd have to say that a lot of good things happened. The pay and allowances hikes were certainly a plus. The change in the national mood toward the military and its people was certainly a pleasant and welcome surprise. You'll note that servicemen and women are starting to win on game shows again — that's my own personal barometer of citizen attitude.

A lot of us got promoted in 1981. Our reenlistment rates went up in all categories after a disappointing sag in retention. Our 251s stayed on the selective reenlistment bonus rolls, and we were also able to get them on the list of USAF's 65 "chronic critical shortage" skills, giving weathermen and women at least 3 years of increased (by percent) promotion op-

portunity to staff, technical master sergeants.

We finally got Congress to drop the "Catch 22" provision in the SRB rules that subtracted bonus money for "previously obligated service" and penalized some people for doing what we wanted them to do, like extend enlistments for school and overseas tours. Note: Although this provision has been dropped from the law, it hasn't been funded yet. Decision expected by April 1, 1982. See your local career advisor for details.

The old year was also good up north, at Chanute U. Our October visit there, with all six wing enlisted advisors, confirmed that things are still on an upbeat note — the school is in the best operating health it's been in years. That didn't just happen by accident — it took lots of work by lots of people, and AWS will be the better for it in many years to come.

On another front, new equipment for the weather

station has been kept on the front burner all year. The money's there, thanks to continual missionary work by the AWS staff and firm support from MAC and USAF senior leadership.

You've all been very patient for a lot of years, but the gear you need to support modern weapons systems is on the way.

As you know, most of our weather equipment is collectible, if not antique, but the cavalry is coming. We're told you can look for a pleasant surprise in the barometry arena sometime this year.

The coming year will also be a good one for promotion. We can't forecast the exact percentages, but we're told they'll be more generous than usual. We're looking forward to the first cycle, to staff sergeant, in January. New chiefs should be announced in March, new E-8 picks soon after.

It was a very good year for most of us. Out in the field,

wherever we visted in 1981, we found the kind of dedication, hard work, and positive attitude that make such good years possible.

It all contributed to the best possible weather support to our Air Force and Army customers.

We saw our people working shorthanded, using their wits to compensate for equipment shortcomings, and really knocking themselves out getting prepped for the possibility of war.

The Boss is totally sincere when he says that you are very special people. He's also correct. You are super. You made it all work in 1981, just as you have in past years. Your track record suggests that you'll do even better in 1982.

From all of us, to all of you, we wish the very best of everything in the new year, peace on the planet, and the good life for you and your families. You should have a deep sense of satisfaction in what you do and who you are — you've earned it.

Brig. Gen. Albert J. Kaehn Jr.
AWS Commander
SSgt. Sue Shearer
Editor

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Weigh factors before getting out

If you have made the decision to separate from your service, or if you are "on the fence" and don't know which way to leap, consider the following questions before you make your final decision.

If you cannot answer "yes" to at least half of these questions about a very important aspect of life after you leave service, could be you have overlooked some pretty positive factors right where you are.

Will your new employer —
—Guarantee continued employment if you meet his standards? (This includes no layoffs in favor of senior people.)

—Give you a tax-free allowance for quarters, or furnish quarters free?

—Furnish free health and accident insurance and provide full pay if you are unable to work — regardless of the length of your illness?

—Provide free dental care for you?

—Give you 30 days paid vacation a year, with meal allowance, starting with your first day of employment?

—Give you low-cost life insurance that requires no physical examination?

—Give you a tax-free clothing allowance? (Most companies have a uniform or suit requirement.)

—Provide an interest-free loan in case of an emergency?

—Provide free legal advice?

—Help you pay in advance for college or trade school?

—Provide a pension for life in case you are disabled?

—Pay you a bonus for staying with the company?

—Provide free survivor benefits to your family if you are killed on the job?

—Provide free air travel during vacations or reduced commercial air fare if you are transferred?

—Provide low-cost recreational facilities or, even

better, free swimming pools and gyms?

—Operate for your convenience a discount grocery, drug store, service station, cafeteria, barber shop, beauty parlor, dry cleaners, tailor shop?

—Guarantee retirement pay for life after 20 years of service with the company, regardless of your age at the time?

Even though you are con-

fidant that you will find a dependable civilian employer and you might expect cash pay to be higher than the cash pay you receive now, are you quite certain the difference in cash pay can make up for even half of the above noncash benefits of military service? — From an article by MSgt. J. R. Howell, Minot AFB, N.D. in the NAVAL OCEANOGRAPHIC OFFICE BULLETIN.

New strength test given to match job requirements

Improved methods for matching members' strength to the physical demands of their jobs are being sought by the Air Force. Research is under way to develop new strength aptitude tests more in line with actual job requirements. Pending completion of research in late 1982, changes have already been made to criteria — called X-factors — for skills requiring the greatest strength standards.

The changes affect only those people attempting to enter physically-demanding specialties, not those already on the job.

The new X-1 standards for heavy work skills require an individual to lift 100 pounds (45 kilograms) to a full upright extension. X-2, or moderate strength standards, now require a person to lift 70 pounds (31 kilograms) to the same height. X-3 or standard light duty now requires a lift of

40 pounds (18 kilograms) to elbow height. The X-3 standard is now the minimum strength level required for enlistment.

Thirteen specialties fall under the new X-1 factor strength standard. Changes will be made to standards for other specialties as research data becomes available. X-1 factor specialties are:

121X0, survival training; 316X1, missile systems maintenance; 328X3, electronic warfare systems; 361X0, cable and antenna systems installation/maintenance; 423X2, aircrew egress systems; 431X0, helicopter mechanic/technician; 443X0, missile maintenance; 542X1, electric power line; 545X0, refrigeration and cryogenics; 545X2, heating systems; 551X0, pavements maintenance; 551X1, construction equipment; 571X0, fire protection. (AFNS)

Bold Eagle Weather officer earns flight

By Sgt. Louis Arana-Barradas

"We did a maximum performance takeoff, did barrel rolls, loops, touch and gos, flew upside down, and it was absolutely the most exciting thing I've done in my life," recounted an excited 1st Lt. D'Ann Greening recently after her first F-15 Eagle flight.

Lieutenant Greening, a weather officer with Detachment 10, 25th Weather Squadron, Bergstrom AFB, Texas, received an incentive ride for her performance during Bold Eagle '82.

Col. John Gilchrist, vice commander of the 405th Tactical Training Wing, Luke

AFB, Ariz., and vice commander for the Air Force forces during Bold Eagle, piloted the F-15. He said the lieutenant received the flight for doing a superb job as the staff weather officer for Bold Eagle.

Lieutenant Greening also served as the weather officer for the tactical air control center as well. "Wearing both hats didn't bother her a bit, and she did such a good job for both that she earned this flight," said the colonel.

Even though she worked mainly the "grave yard" shifts, Lieutenant Greening was most impressed with Bold Eagle. She said she learned a lot of things you normally don't get much practice at while at the exercise.

"Bold Eagle was a good learning experience for me, and for quite a few other people with no prior exercise experience," said the lieutenant.

After a short training period conducted by Colonel Gilchrist where she learned how to egress from the aircraft in case of emergency, the lieutenant was ready.

Donning a "slightly baggy" flight suit, and a "G" suit, she headed for the Eagle. After a maximum performance takeoff the colonel took the lieutenant on a short flight and demonstrated to her the capabilities of the F-15.

"We even managed to do a loop where we pulled four 'Gs'," added the now experienced "jet jock" after her flight. "And when we took off I felt as though I was glued to my seat. That F-15 is a fantastic aircraft and it's so sensitive to the pilot's control," added the lieutenant.

Lieutenant Greening left the flightline with a look of total excitement and satisfaction on her face. Her final words... "I'd do it again tomorrow if I could!" — From the JET GAZETTE



1ST LT. D'ANN GREENING, Detachment 10, 25th Weather Squadron doesn't appear to be a bit nervous before her incentive ride in an F-15 Eagle during Bold Eagle '82. The ride was for her performance as a weather officer in the exercise. (U.S. Air Force photo by Sgt. Louis Arana-Barradas)

In Memorium

Col. (Retired) Eugene C. St. Clair died from an apparent heart attack on Nov. 13. Colonel St. Clair was vice-commander and then commander of the 3rd Weather Wing, Offutt AFB, Neb. from July 1970 to May 1973. He later commanded the 24th Weather Squadron at Randolph AFB, Texas until his retirement in August 1975. He was a native of Texas. He was buried with full military honors at the National Cemetery, Ft. Sam Houston, Texas.

AWS Salutes . . .

Information for Salutes should be sent by unit public affairs officers to HQ AWS/PA or CSSP, Scott AFB, Ill., 62225. Items received by the 15th of the month will be printed in the following month's AWS OBSERVER.

Abbreviations are AWS-Air Weather Service; HQ-Headquarters; AIN-Army Installation; AAF-Army Airfield; AFS-Air Force Station; CCAF-Community College of the Air Force; WW-Weather Wing; WS-Weather Squadron; AFGWC-Air Force Global Weather Central; USAFETAC-U.S. Air Force Environmental Technical Applications Center; WRS-Weather Reconnaissance Squadron; BTZ-Below The Zone; OL-Operating Location; and OLC-Oak Leaf Cluster.

Medals

Meritorious Service Medal: Maj. William J. Bihner, Jr., Det. 30, 2nd WS, Vandenberg AFB, Calif.; Col. Wesley E. Robb (2nd OLC), and Maj. Kenneth L. Wantzloeben and Joseph P. Wargo (1st OLC), HQ AWS, Scott AFB, Ill.; MSgt. Jerry Whitaker, Det. 22, 24th WS, Kessler AFB, Miss.; Capt. Michael Neyland, Det. 12, 26th WS, Plattsburgh AFB, N.Y.; SMSgt. William Williams, HQ 1st WW, Hickam AFB, Hawaii; Maj. Dennis E. Bielicki, Randall C. Webb, Det. 21, 2nd WS, Edwards AFB, Calif.; SMSgt. Wayne S. Boytim, Det. 32, 3rd WS, MacDill AFB, Fla.; MSgt. Domingo Fernandez, Det. 10, 25th WS, Bergstrom AFB, Texas; Lt. Col. Michael J. Fox, (2nd OLC), Maj. William E. Normington (2nd OLC), Det. 15, 30th WS, Osan AB, Korea; Maj. Eldon E. Schmidt (1st OLC), HQ AWS, Scott AFB, Ill.; Capt. Luis J. Escajeda, Det. 3, HQ AWS, Sunnyvale AFS, Calif.

Air Force Commendation Medal: 1st Lt. John J. Skorusa, SSgt. John E. Snead, Det. 15, 30th WS, Osan AB, Korea; TSgt. Andrew A. Gordon (1st OLC), HQ 1st WW, Hickam AFB, Hawaii; MSgt. Norman E. Chaney, Jr. (3rd OLC), Det. 3, 2nd WW, Pendeli, Greece; SSgt. Wilbur McBratney, Det. 11, 24th WS, Reese AFB, Texas; Capt. James Young, Det. 22, 24th WS, Keesler AFB, Miss.; SSgt. Mary Galarneau, Det. 12, 26th WS, Plattsburgh AFB, N.Y.; SSgt. Ken Bronis, Det. 1, 9th WS, March AFB, Calif.; 1st Lt.

Mark Thomas, MSgt. Henry Binion, Sgt. Dorothy Sanford, Sgt. Richard Korich, Det. 3, 11th WS, Shemya AFB, Alaska; SSgt. Darlene M. Parrow, Det. 30, 2nd WS, Vandenberg AFB, Calif.; SSgts. Donald R. Larivee, Clifford W. Stevens (1st OLC), HQ 1st WW, Hickam AFB, Hawaii; MSgt. Davis V. Dulzo, Det. 21, 2nd WW, Kapaun AS, Germany.

Promotions

To captain: Chuck Wallace, Tom Macphail, Det. 2, 9th WS, Castle AFB, Calif.

To first lieutenant: Tom Cadenhead, Det. 21, 9th WS, Minot AFB, N.D.

To senior master sergeant: Charles A. Spicer, Det. 4, 28th WS, RAF Bentwaters, United Kingdom; Arlis Kelley, Det. 20, 24th WS, Laughlin AFB, Texas;

To master sergeant: Kenneth D. Hill, Det. 6, 17th WS, Hill AFB, Utah; David A. Pigors, Det. 21, 2nd WW, Kapaun AS, Germany.

To technical sergeant: Dan Freeman, Det. 17, 9th WS, Ellsworth AFB, S.D.; Gary D. Bryant, Det. 9, 1st WW, Hickam AFB, Hawaii; David A. Basinger, Det. 21, 2nd WW, Kapaun AS, Germany; Earl J. Simon, Det. 30, 2nd WS, Vandenberg AFB, Calif.; Dennis L. Lien, Det. 3, 2nd WW, Pendeli, Greece; Robert R. Calvillo, Det. 11, 5th WS, Fort Sill, Okla.

To staff sergeant: Colin D. Sells, Det. 16, 25th WS, Nellis AFB, Nev.; Brian P. Emerick, Det. 11, 31st WS, Spangdahlem AB, Germany; Billy L. Roberts, Robert W. Murders, Det. 11, 5th WS, Fort Sill, Okla.; Teresa Smith, Det. 2, 24th WS, Columbus AFB, Miss.

To sergeant: Robert Hunt, 3rd WW, Offutt AFB, Neb.; Terry Bola, Det. 1, 11th WS, Elmendorf AFB, Alaska; Thomas P. Moore, Det. 11, 17th WS, McChord AFB, Wash.

To senior airman: Jerome Thomas, Det. 23, 3rd WS, Moody AFB, Ga.; Walter L. Lewis, IV, Det. 32, 3rd WS, MacDill AFB, Fla.; Alice R. Cramer (BTZ), Trena L. Tice, Det. 30, 2nd WS, Vandenberg AFB, Calif.; Craig E. Ballew, Trevor S. Strachan, Det. 4, 28th WS, RAF Bentwaters, United Kingdom.

To airman first class: Charles Carlson, Det. 3, 9th WS, Fairchild AF, Wash.; Cynthia Lawhorn, Det. 20, 26th WS, Barksdale AFB, Ga.; Sean W. McCall, Det. 6, 17th WS, Travis AFB, Calif.; Michael Hornback,



HONORED by the Air Force Recruiting Service, 1st Lt. Christopher R. Tschan (left), received the plaque from 2nd Lt. Edward Swallow, former president of the Sunnyvale AFS Company Grade Officer's Council. Lieutenant Tschan is assigned to Detachment 3, HQ AWS at Sunnyvale AFS, Calif. (U.S. Air Force photo)

Det. 11, 5th WS, Fort Sill, Okla.; Donna K. Rundquist, Det. 11, 17th WS, McChord AFB, Wash.

To airman: Debra Little, Det. 22, 24th WS, Keesler AFB, Miss.; Mary Smith, Det. 1, 11th WS, Elmendorf AFB, Alaska.

Unit honors

Junior Officer of the Quarter: 2nd Lt. John C. Pace, Det. 21, 2nd WW, Kapaun AS, Germany; 1st Lt. Christopher R. Tschan, Det. 3, HQ AWS, Sunnyvale AFS, Calif.

Senior NCO of the Quarter: MSgt. Finis R. Herron, Det. 21, 2nd WW, Kapaun AS, Germany.

NCO of the Quarter: SSgt. Janet L. Noe, Det. 21, 2nd WW, Kapaun AS, Germany; TSgt. Earl J. Simon, Det. 30, 2nd WS, Vandenberg AFB, Calif.; TSgt. Krista E. Griffin, Det. 6, 17th WS, Hill AFB, Utah.

Airman of the Quarter: A1C Sean W. McCall, Det. 6, 17th WS, Hill AFB, Utah; SrA Timothy Todd, Det. 10, 2nd WS, Eglin AFB, Fla.; A1C John H. Ridge, Det. 30, 2nd WS, Vandenberg AFB, Calif.; SrA Deborah L. Irvin, Det. 21, 2nd WW, Kapaun AS, Germany.

Forecaster of the Quarter: 2nd Lt. Kurt Malone, Det. 7, 24th WS, Mather AFB, Calif.; TSgt. Richard J. Whisnant, Det. 21, 15th WS, Pope AFB, N.C.

Observer of the Quarter: Sgt. Richard T. Kocinski, Det. 21, 15th WS, Pope AFB, N.C.; Sgt. Norman Smith, Det. 7, 24th WS, Mather AFB, Calif.

Team of the Quarter: Capt. Rodney A. West, 2nd Lt. John C. Pace, TSgt. Steven D. Paulsen, SrA Deborah L. Irvin, SrA James R. Fedorchak, Det. 21, 2nd WW, Kapaun AS, Germany.

Education

SSgt. Ross McIntosh, Det. 31, 15th WS, Dobbins AFB, Ga., received the academic achievement award and earned distinguished graduated honors from 21st AF NCO Leadership School.

TSgt. Leon Milgrom, 6th WS, Tinker AFB, Okla., recently graduated from the MAC NCO Academy-West.

Sgt. Michael S. Bayne, Det. 32, 2nd WS, MacDill AFB, Fla., was an honor graduate from the forecaster's course.

(Continued on Page 5)



GRADUATES from Observer Classes 810901 and 811118 are, front row (left to right) Airman Basics Harry L. Druckenmiller, Jr., Roland A. Godan, Stephen T. Pukmel and Michael L. Stenger; second row, L/CPO Henry P. Capdepon, AB Donovan N. Eillism Williams, Amn. Alma F. Hansell-Foggie, A1C Ijolanda L. Morris, instructor AG2 J. Piwinski, A1C Marilyn G. Lund, A1C

Teresa R. Lunelberg, instructor AG3, Thomas Compo and PFC Greg T. Daly; third row, Sgt. Kevin K. Carlson, AR Paul J. Mast, AGAA William J. Arseneau, SrA John A. Whalen, AGAR Larry W. Sullivan, AGAA Greg S. Ballou, instructor SSgt. W. J. Resavy and Sgt. Thomas C. Needham, Jr. (U.S. Air Force photo)

Testing cycles set for spring

An integral part of the Weighted Airman Promotion System testing is the individual's self-study program. Pamphlet 39-9 list all the reference material used in writing WAPS tests, and can be an invaluable tool when preparing for promotion testing. This pamphlet can be reviewed at your unit orderly room or at the customer service section of your local CBPO.

Upcoming testing cycles are Cycle 83A6 for E-6 testing in January, February and March; Cycle 83A7 for E-7

testing in January, February and March and Cycle 83A5 for E-5 testing in April and May.

At the completion of each testing cycle, CBPO personnel often receive inquiries about the validity of the WAPS test scores.

The following information is extracted from PERSFACTS No. 2, March-April 1981 to explain the policy for score verification as outlined in AF Regulation 35-8, paragraph 14-8b.

The verification requirements are stringent, as accurate results are absolutely

critical to the promotion process.

Many safeguards have been established — the quality of the answer cards, the specially designed optical scanner and a complete series of cross checks.

This validation process is designed to detect every condition that cause inaccuracies. Ten years of use, with more than one-half million rejects, attest to the effectiveness of the validation process.

Also, built in computer edits reject an answer card that

contains poor erasures, smudges, stray marks, etc. These rejects are manually reviewed, cleaned up, and reinput for scoring.

The key to the entire scoring process is the test answer cards which are subjected to numerous checks prior to the actual scoring process. If the card fails to meet any of these checks, the card is rejected from the computer with an accompanying reason for the reject condition.

As a continuing part of the edit and quality control procedures, 26,000 tests have

been handscored. In each instance, the computer scoring was correct when compared to the handscored results.

Additionally, every answer card is checked when the score is less than 30. The only incompatible condition that will bypass the edit procedures will also cause the score to be less than 30.

Personnel at CBPO will use this "check" and also accept verification requests when the score is within this range and is inconsistent with previous test performance.

Library offers research data to AWS customers

The Air Weather Service Technical Library contains more than 200,000 documents pertaining to meteorology, climatology, solar and space sciences, statistics, mathematics, computer sciences, and management.

Although the AWSTL, located at Scott AFB, Ill., provides reference and library services to AWS customers worldwide, a many units from detachment to wing level are unaware of the services the library offers.

The library collection includes climatological data,

technical documents produced by many government and private agencies, textbooks, atlases and maps. Many colleges and universities are represented, plus many foreign meteorological sources.

In addition to its collection of documents, AWSTL personnel use several automated information retrieval systems. This allows access to thousands of other documents as well.

This on-line searching can provide a literature search, create a bibliography or give

thorough information on what has been published in a certain field or area.

A current awareness bibliography, produced periodically, provides up to date information on new document citations in the computer system. A document that is not in stock can be ordered or borrowed from another library on an inter-library loan.

Using the various data bases and collection resources available, library personnel provide literature searches, climatological data, fill inter-

library loan requests, create current awareness bibliographies and photocopy periodicals and journal technical articles for requestors not stationed at Scott AFB.

The AWSTL services as outline in AWSR 215-1, are for all AWS units at all levels. Units do not need to go through squadron or wings to request services, but can deal with the library directly.

A request for a specific document should be sent on DD Form 1142, Interagency

Document Request. Requests for literature searches, data or requests for reference information should be sent on AWS Form 9, AWSTL Reference Services Request.

For information on literature searches, reference requests or data, call Autovon 638-5061/5023 or 5997. For information on document loans, acquisitions, inter-library loans, or questions on circulation AWSTL document distribution, call Autovon 638-2625.

REFORGER Det. 12, 7th ws aids Army

REFORGER '81 tested the readiness of the forces stationed in Europe. It also proved that Detachment 12, 7th Weather Squadron was one unit that was more than ready.

The detachment, located at Finthen Army Airfield, Germany, with operating locations at Bad Kreuznach, and Baumholder, deployed five weather teams in support of 8th Infantry Division's CERTAIN ENCOUNTER field training exercise.

The hub of Det. 12's weather support was a five ton expandable van, a fully operation mini-weather station which supported the 8th ID's tactical operation center.

Through various means of communication, teletype, facsimile, telephone, multichannel and radio intercept, the weather van collected raw weather information.

By monitoring weather information and local weather conditions, the weather van

produced general area forecasts, weather warnings, 24 hour TAFs, and numerous special forecasts. These data were then sent to the observing teams and disseminated into the V Corps Weather Net.

Three small two-man observing teams were deployed at the 8th ID's 3rd and 4th Brigades, and to the division's IFR airfield. A forecaster/observer team supported the 8th Combat Aviation Battalion and SSgt. Phillip Eddy, a forecaster, went to Hanau to support the V Corps weather team.

SrA Kevin Cockrum and Amn. Jerry Fletcher observers with the 3rd Brigade, and Sgt. Bobby Ranger and A1C Matthew Fitzrandolph observers at 4th Brigade, were part time "infantry".

They deployed with the brigades, changing locations seven times. Each time the teams relocated they set-up their tents, connected communication lines, started up the generators, set-up their

mobile observing center, a communications shelter on the back of an M880 truck, and finally, camouflaged the area.

Hourly observations were then taken and transmitted to the 8th ID tactical operations center weather van by teletype or telephone. The observations and forecasts received from the weather van, were also given to the brigades in support of local operations.

Life in the field was not all fun. Mechanical problems arose, showers were far and few and the chow was mostly C-rations. The biggest enemy was mud. "It got into everything and made the field life generally miserable," said SSgt. Emanuel Houston, a forecaster at 8th ID tactical operations center.

Weather support in the field exercises is important since the outcome of many major battles is determined by the weather. Det. 12, 7th WS is striving to be the best it can be, both in-station and especially in the field.



CHEMICAL CONTAMINATION is a constant threat when performing field duty. SrA Kestutis Vixgirda, Detachment 12, 7th Weather Squadron, dons his gas mask during REFORGER '81 exercises. (U.S. Air Force photo by Sgt. Norma Smith)

Travel options improved

Passengers traveling to overseas areas from the West Coast next year will find their travel options have improved, say Military Airlift Command transportation officials.

All MAC category B passenger flights that previously operated at Travis AFB, Calif., began operations at Oakland International Airport, Calif., Jan. 1, 1982. Flight connections will be easier to make at Oakland than at Travis, as passengers won't have to make the 57 mile trip to San Francisco IAP for connecting flights.

Seven scheduled airlines currently serve Oakland — Air California, Frontier, Pacific Southwest, Republic, TransAmerica, United and World Airways. They operate approximately 48 flights a day, with direct or connecting service to most all western cities and many other major airports.

In addition, MAC has arranged to provide all Department of Defense travel clerks an "Oakland Flight Selector," published every two months, to help arrange domestic air connections into the airport.

In case travelers must go to San Francisco, connecting airport bus service to and from Oakland is available several times a day. In addition, Oakland is served by Amtrak and Greyhound and Trailways bus stations. Bus and taxi service is available to the stations.

Passengers transiting Oakland may find military assistance counters at the north end of the terminal.

Privately owned vehicles may be turned in or picked up at the Military Ocean Terminal Bay area at Oakland Army Base, approximately 10

miles from the airport. Officials advise commercial vehicle turn-in and pick-up service is not available at this time, and taxi fare from the turn-in point to the airport is approximately \$20.

While government lodging is not available at the Oakland terminal complex, government lodging, on a space available basis, and dining facilities are located at Alameda Naval Air Station, Oakland Army Base, and Naval Supply Center. All are approximately 13 miles from the airport.

Commercial lodging facilities are abundant in the

immediate area, with rates ranging from \$25-\$40 for single rooms and \$35-\$58 for double.

Inside the terminal complex are a cafeteria-style restaurant and coffee shop, a United Service Organization lounge, foreign currency exchange, gift shops, nursery and barber shop with shower facilities. In the area, about 20 restaurants, including fast-food types, are available.

MAC officials say that moving the operations to Oakland will "significantly enhance" travel for DOD members and their families. (MNS)

Hobbyist is 'Kracke' model builder

SGT. KENNETH KRACKE, Detachment 15, 9th Weather Squadron, Grand Forks AFB, N.D., touches up the paint on a model of a B-25 bomber. He has been building model airplanes for over 10 years, and with his wife, Patricia, has built and restored over 25 models for the base museum. His wife and two-year-old son, Fred, built a diorama of a P-47 model in a World War II setting for the museum. (U.S. Air Force photo by SSgt. Cliff Schmilski)



First AF baby born at site in Australia

Magan Nicole McNaughton, born Oct. 17, 1981, became the first baby born to an Air Force family on the North West Cape of Australia.

Daughter of SSgt. Ralph and Stella McNaughton, Magan is the first child born to an Air Force family since operation of the Learmonth Solar Observatory began in 1979.

The observatory is jointly manned by U.S. Air Force and Australia Ionospheric Prediction Service personnel.

Sergeant McNaughton arrived in Australia in September 1980 and is assigned to OL-G, 1957th Communications Group. OL-G personnel maintain the radio and optical observing equipment for Detachment 9, 1st Weather Wing.

Almost in the Army

Weather flight aids infantry

By TSgt. Robert J. Faruq

If you were in the Army and planned to attack someone, and you needed to know what time the sun rose and set, an accurate flood forecast and information about the moon's illumination, what would you do? Watch a TV weather report? Read your local paper?

No. You would call on the services of a unit like the 121st Weather Flight, as did the 116th Infantry Brigade-Separate, of the Virginia Army National Guard.

Because of its support of the 116th, members of the 121st

were presented with official 116th Infantry Brigade Army patches from the Staunton, Va., unit.

The weather flight is the only unit in the District of Columbia ANG's 113th Tactical Fighter Wing, and the only one of 37 Guard weather flights across the country to receive such an honor.

"As soon as we picked up the Army support mission, we became eligible to wear the patch," said 121st WF commander, Lt. Col. Falk Kantor.

Until several years ago the weather flight's mission was to deploy with the 113th TFW and provide weather support.

That mission has since changed, first to staying behind and supporting Andrews AFB — while the active duty people deployed — to its present mission which is to deploy with the 116th infantry to support ground, artillery and helicopter operations.

The 121st will also provide information for chemical warfare, calculations for nuclear fallout and basic information that will better enable the infantry to prepare for maneuvers. Before the 121st changed missions, the 116th had very little weather support — as was the case with most other Army Guard units.

In order to prepare for its support mission, the 121st spends many hours studying Army and Air Force manuals on combat readiness and field weather operations, backed up by several weekend and active duty deployments in the field with the 116th.

One such deployment found them in a four-mile forced march at Fort Pickett, Va., where they helped set up a tent, and man the perimeter with a .50 caliber machine gun while smoke and tear gas grenades were being thrown at them.

"Our biggest obstacle was to

learn how to survive in the field," said Colonel Kantor. While working with the Army, the weather flight is assigned to the S-2, otherwise known as the Intelligence Division, which deals with terrain, enemy forces and weather.

"Weather flights are going more and more to Army support, even active duty units," said Colonel Kantor. "It is being realized how much weather affects the reliability of weapons. Most people in the unit have accepted it as a requirement and have responded positively." — From **The Air Reservist**

Extensions offered

More than 1,400 staff sergeants through senior master sergeants are eligible for a voluntary two-year extension of their high year of tenure, Air Force Manpower and Personnel Center officials report.

High Year of Tenure-4, begun in early 1980, gives noncommissioned officers with the needed grade, specialty and quality performance record the opportunity to remain on active duty two years beyond their normal high year of tenure.

Staff, technical, master and senior master sergeants with a current high year of tenure before

Dec. 31, 1983, who have not previously declined permanent change-of-station retainability, have already been identified by personnel officials.

Without the special extensions, staff sergeants are required to retire at 20 years' service; technical sergeants at 23 years; master sergeants at 26; and senior master sergeants at 28 years' service.

Those staying on active duty under the program remain eligible for promotions, assignments, and retirement options based on their new separation dates. (AFNS)

DOPMA promotion

All active-duty reserve captains will have the opportunity to be considered twice for promotion to major under the Defense Officer Personnel Management Act, according to Air Force officials.

In the past, active-duty reserve officers generally were limited to 20 years' active military service if at least 20 years were in commissioned-officer status. This caused reserve officers with more than 10 years' enlisted service to be mandatorily separated when they first became eligible to retire as a commissioned officer. As a result, officers with 10 or more years' enlisted service were not considered for promotion to major in the primary zone.

Reserve officers commissioned prior to DOPMA have the choice of separating on their original mandatory date of separation or remaining in the Air Force until they have been considered twice for promotion to major. This is in addition to below-the-zone promotion consideration. Officers affected by this policy will be notified by the personnel office to extend their date of separation to take advantage of this policy change.

Reserve officers commissioned after the Sept. 15, 1981, effective date of DOPMA will have their separation date established to permit two considerations for major. (AFNS)

Families swindled

Relatives of several airmen at Lowry AFB, Colo. have been swindled out of hundreds of dollars by a local extortion ring, Air Force Office of Special Investigations officials report.

The operation starts with a late-night phone call to relatives of a service member. The caller says the servicemember is on temporary duty at another base and while there, has been arrested for drunk driving.

The caller then tells relatives that if they can come up with the rest of the bail money (he has already "covered" some of it), he can get the member out of jail before Air Force officials find out.

Air Force Office of Special Investigations

agents report that at least six families have received calls from individuals attempting to extort money in this fashion. On four occasions, parents wired bail money to get their son or daughter out of jail, only to discover later that their son or daughter had never left Lowry, much less been arrested.

AFOSI officials recommend all servicemembers notify relatives of the existence of this scam. Although at least one con artist has been caught, AFOSI warns similar operations could emerge at other bases.

People who receive such calls are encouraged to notify the nearest AFOSI or Federal Bureau of Investigation office. (AFNS)

Command kicks off new Project Image

Commitment to nation, dedication to duty, personal pride.

These are the three phrases which most accurately describe Gen. James R. Allen's approach to a new program being instituted commandwide.

It's called Project Image, but it deals with much more than the personal appearance of Military Airlift Command members. Self-discipline, leadership and conduct are also on the list of objectives that the MAC commander in chief says are a "return to the basics."

Noting that the military is judged by the image its people project, General Allen said

that MAC people are even more visible because of their global mission requirements. In addition, MAC people are stationed at more than 300 locations in 24 countries.

"To many people in remote parts of the world, we are America," he said. "This carries a special responsibility to ensure we measure up in all ways."

The program will be emphasized at NCO academies and leadership schools, and students will carry its ideals back to the bases.

"Our NCOs and officers are the keys to making this program work. They can help instill personal, unit and service pride just by setting a

positive example," he said.

Doing so will require active involvement which will focus on leadership, uniform wear and military image, the general explained.

"I've been in uniform since the mid-40s, and I've never seen a time when the administration and American people have been more ready to support the military, despite the economic crunch and budget cuts," he said. "Our country is experiencing a resurgence of patriotism and, with it, a new sense of national and personal pride."

"We must build on this by showing the American public we are worthy of their trust and support." (MNS)

1981 hurricane season

Normal activity recorded

At the close of the 1981 hurricane season, the National Hurricane Center, Coral Gables, Fla. provided the following recap of 1981 hurricane activity in the Atlantic Caribbean oceans and the Gulf of Mexico.

There were eleven named tropical cyclone in 1981. Four were tropical storms and seven were hurricanes, close to normal.

No major hurricane land falls occurred as most of the stronger storms curved well east of the North American continent.

September was a busy month with five hurricanes, tying the record for hurricanes in a single month.

The following is a list of tropical cyclones for 1981:

—Tropical storm Arlene; May 6-9; an early storm which moved over Cuba and the Bahamas.

—Tropical storm Bret; June 29 to July 1; inland over Chesapeake Bay causing rain west to the Ohio valley.

—Tropical storm Cindy; Aug. 2-5; at sea.

—Hurricane Dennis; Aug. 7-21; a hurricane for only 12 hours at sea; heavy rain over the Caribbean and the southeastern U.S. with 20 inches of rain in extreme southern Florida.

—Hurricane Emily; Aug. 31 to Sept. 11; at sea.

—Hurricane Floyd; Sept. 3-12; rain over lesser Antilles.

—Hurricane Gert; Sept. 7-15; rain over the Leeward Islands, Puerto Rico and the eastern Bahamas.

—Hurricane Harvey; Sept. 11-19; at sea; the strongest storm of the season with 115 knots.

—Hurricane Irene; Sept. 21 to Oct. 3; at sea.

—Tropical storm Jose; Oct. 29 to Nov. 1; at sea.

—Hurricane Katrina; Nov. 3-7; heavy rain in Cuba and the Bahamas; two fatalities occurred in Cuba.

In addition to the storms listed above, a subtropical storm in mid-November caused considerable erosion along much of the U.S. eastern seaboard.

Bright star . . .

(Continued from Page 1)

some missions from the United States direct to Egypt without using en route bases. In all, missions logged more than 3,500 miles.

Approximately 480 missions were flown during the initial phase of the exercise.

In addition, MAC-gained Guard and Reserve C-130 units flew daily from a Forward Operating Base to the various exercise countries, demonstrating MAC's ability to resupply exercise forces.

For example, C-141s left the United States carrying food, equipment and supplies to the Forward Operating Base, which C-130s took to the forces in the four countries as needed.

This year MAC was tasked to provide a medical evacuation

capability as well.

Approximately 27-35 C-141 missions and three to four C-5s were flown per day during deployment and redeployment phases.

MAC exercise officials say the command still met its "real-world" requirements of training and regular missions in addition to the exercise missions. (MNS)

Resident rate offered

West Virginia is the most recent of 33 states to grant resident tuition rates to servicemembers and their families taking college courses there. Members must be stationed in the state to qualify.

The Department of Defense is continuing efforts for the remaining states to grant resident

tuition rates for service members. They include: Alabama, California, Colorado, Connecticut, Delaware, Indiana, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Vermont, Virginia and Wyoming.