



AWS Observer

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Headquarters Air Weather Service

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Veteran's Day

MSgt. Mark Hamberger

Weather Wizard STEPs up



By TSgt. Edmund T. Calvert
Det 5, 7WS

Lightning can strike the same place twice, just ask MSgt. Mark Hamberger, Station Chief at Det 5, 7WS, Katterbach Army Heliport, FRG.

Last year, TSgt. Hamberger received the Pierce Award, AWS's top forecasting award. Now he has been promoted under the Stripes for Exceptional Performers (STEP) program.

This form of promotion falls outside the normal promotion consideration. The AWS Commander personally screens each person nominated, and this year only three NCO's STEPed up.

Around Katterbach, Sergeant Hamberger is known as the "Weather Wizard." As a Technical Sergeant, he was filling a position normally occupied by a Master Sergeant. During the past year, Det 5's overall skill score averaged .57 and Sergeant Hamberger's personal score was .73 overall.

He revamped the Local Analysis and Forecasting Program for the station, resulting in a 30 percent increase in

skill scores and forecast verification statistics. Sergeant Hamberger was also responsible for improving inter-service communications between Det 5, local aviators and the many diversified Army units both at Katterbach and Ansbach Kaserne.

Active in the local community, Sergeant Hamberger is a member of the American Legion and is a board member of the Ansbach Rod and Gun Club. An avid fisherman and golfer, he promotes German-American relations through local fishing derbies and golf tournaments.

"I served three years with the MAC IG team inspecting 72 AWS field units," said Maj. Michael Westman, Det 5 Commander, "and I regard MSgt Hamberger as the most skilled technician I have met."

MSgt. Hamberger entered the Air Force in October 1968. He has been assigned to Keesler AFB, Miss.; Tan Son Nhut AB, RVN; Chanute AFB, Ill.; Scott AFB, Ill.; Westover AFB, Mass.; and Zweibrucken AB, FRG. He was awarded the 1982 Pierce Award in May 1983 and selected for promotion to Master Sergeant in July.

Top grad: TSgt. Vincent T. Aquino Jr. captures four NCO Academy awards



TSgt. Vincent T. Aquino Jr., a weather specialist instructor from Chanute AFB's 3350th Technical Training Group, captured four awards, including top honors, at the Air Training Command NCO Academy at Lackland AFB, Texas.

Sergeant Aquino took the academy's Honor Graduate, Commandant's Leadership and Management, and World Affairs Awards from among 127 students.

According to academy officials, the 27-year-old sergeant

from the Bronx, N.Y., is only the second student in the school's 10-year history to win more than three awards. The school has graduated 8,350 students since September 1973.

"I don't think an individual can shine without the support of family, friends and classmates," Sergeant Aquino said in reference to his awards. "At the academy, there were lots of individual awards, but it's really a group dynamic effort."

(Reprinted from "The Pacesetter.")

Weatherman competes in NATO tourney

By 1st Lt. Robert C. LeBorne
Det 30, 2nd Weather Squadron

SSgt. Chester Richey was one of three Air Force members selected to compete in the Sixth NATO Chess Tournament held at Aalborg, Denmark, Oct. 16-22.

A forecaster at Det 30, 2nd WS, Vandenberg AFB, Calif., Sergeant Richey was one of 11 Air Force members selected from a worldwide pool to participate in the Air Force chess tournament held at Andrews AFB, Md. He then advanced to the Armed Forces Chess Tournament, where he finished second and won the

right to represent the United States in the NATO tournament.

Currently, Sergeant Richey has a rating of 2056, which classifies him as a Candidate Master. He only needs 44 more points to achieve his lifelong dream of a "Master" title.

He belongs to two local chess clubs and has been the reigning area chess champion for five years. When asked how he describes his style of play he said, "I just play a steady aggressive type of game. I seize a small opening and squeeze until it's a large hole. This style has worked for me in the past and I'll use it again."

He once played 75 high school chess players simultaneously, finishing with a record of 73-1-1. He avenged his only loss at the Air Force chess tournament because the student later joined the Air Force.

Sergeant Richey gives this advice to anyone interested. "Join a club, be persistent, and play a lot of games. Don't let losing bother you, everyone gets beat a lot at first. What you have to do is learn from your mistakes. Pretty soon you'll start beating those players who always beat you. Just don't give up!"

TOP GRAD TSgt. Vincent T. Aquino Jr. instructs a weather specialist course at Chanute AFB, Ill.

Command line *New technology's on the way*



Col. George E. Chapman
AWS Commander

During my travels throughout the command, I continue to marvel at the outstanding work you are doing with the old, outdated equipment you have to use. Be assured that new technology and capabilities are on the way.

Thanks to the hard work of many AWS and MAC action officers, the backing of senior MAC commanders, and the corporate Air Force leadership, we have turned the corner on bringing new equipment on board. We started off with the Digital Barometer and Altimeter Setting Indicator (ML-658/GM) and our recent FPS-77 modification. Current plans call for substantially increased funding over the next few years as we bring major new systems on board.

Topping the list of AWS programs is the Automated Weather Distribution System (AWDS), a multimillion-dollar effort to provide interactive graphics and computer technology to base weather stations worldwide. We anticipate initial contract award in the next few months through the Air Force Systems Command's Electronic Systems Division at Hanscom AFB, Mass. Following successful development, we look forward to a 1987 start of the production of AWDS, which will significantly improve our base level weather support capability.

AWS is participating with the NWS and FAA in a joint Next Generation Weather Radar (NEXRAD) program to build a nation-wide network of advanced technology 10 centimeter Doppler radars. AWS will also place Doppler radars at selected overseas locations. NEXRAD will replace current aging radars and provide a tremendous advantage in resource protection and forecasting through automation and Doppler technology. It will directly provide information on measured, rather than inferred, parameters and will automatically track severe weather. Now in the validation phase with two contractors building prototypes, look for first NEXRADs in the field in 1988.

The Battlefield Weather Observation and Forecast System (BWOFS) will provide the capability to acquire essential weather data in battle areas not under friendly control and will also apply these data in Tactical Decision Aids (TDAs) to produce predictions of characteristics important to performance of electro-optical weapon systems. The Air Force Geophysical Laboratory completed an analysis of alternatives for acquiring weather data and a program decision to proceed with the system concept will be made in early 1984. Manual TDAs for infrared weapon support have been sent to selected AWS units for implementation in early 1984; AFSC laboratories continue to work on TDAs for visible (TV), laser and millimeter-wave weapon systems.

A new Satellite Data Handling System (SDHS) currently under contract will revolutionize the mode of operations at AFGWC. Just like AWDS in the base weather station, it will move AFGWC from the era of grease pencils and light tables to the era of interactive graphics. The contract for this program has traveled a rocky road for several years, but is now firmly on track. Design reviews and audits

continue, site preparation is nearing completion at AFGWC, and some hardware is already being delivered. Initial Operational Capability (IOC) is targeted for March 1985.

The Advanced Weather Analysis and Prediction System (AWAPS) will provide a significant enhancement in numerical weather prediction capability and improve the responsiveness of our support to all AWS customers. This system consists of a large scientific computer at AFGWC which will accommodate state-of-the-art numerical prediction models. The Air Force Computer Acquisition Center is now evaluating vendor proposals for the hardware; contract award is targeted for March 1984 with IOC in June 1985.

The Defense Meteorological Satellite Program (DMSP) achieved a major improvement in receipt of weather satellite data with the successful launch of the DMSP F-6 spacecraft in December 1982. The planned launch of F-7 during the first quarter of FY84 will further increase our capability to support customers worldwide. We are also working to procure additional Mark IV transportable satellite terminals for use by forward deployed tactical forces. The Mark IV system can be transported by C-130 and assembled for operation at a forward base within four hours by a six-person team. Four Mark IV systems have been deployed to operational users and a Request for Proposal was just released for the

procurement of 12 more. Modifications and upgrades suggested by operational users following deployments to exercises BRIGHT STAR and BOLD EAGLE will further improve the Mark IV's ability to serve the needs of tactical commanders.

We are now on contract, through NOAA, to develop an Improved Weather Reconnaissance (IWR) system. IWR will provide modern data processing, communications and aircraft/sensor positioning capabilities, plus the capability to determine winds in the vertical. Look for prototype testing to begin in FY85 with IOC in FY 88.

On top of these acquisition efforts, the AWS staff is managing replacement, modification and upgrade programs which will replace all of our old and cumbersome tactical meteorological equipment and nearly all our fixed-base weather and solar equipment. The result will be a total modernization of the BWS with digital, rack-mounted readouts for all our sensors.

As you can see, we are moving out smartly to provide you the tools and modern technology you need to do your job. The Air Force has embarked on a major enhancement of AWS. It's on solid footing and the outlook for the future is bright. There will undoubtedly be some turbulence as we accommodate these new systems. Work with us as we take AWS to a higher level of capability to support the Air Force and Army missions.



9 September 1983

Colonel George E. Chapman
Commander
Air Weather Service
Scott Air Force Base, IL 62225

Dear George,

With the sudden opportunity to start a new job in early July, I am long overdue in writing everyone who helped make my retirement dinner and ceremony so perfect and memorable.

I want to sincerely thank you and all the men and women of Air Weather Service for the absolutely beautiful shadow box containing all of my insignia, awards and medals I've earned since 1945. I am overwhelmed by the accuracy of all the dates of rank as well as the collection of insignia associated with my enlisted and commissioned service. This tremendously meaningful gift and the Air Weather Service shield will bring back many pleasant memories of various assignments in AWS with so many super people. I was extremely fortunate to work for you and many other outstanding commanders in all levels of command within AWS. That association with former members of Air Weather Service continues in my new job as Marketing Manager for Global Weather Dynamics. Nearly all of our 18 member forecasting staff served on active duty with AWS. Although I am no longer actively participating in an Air Weather Service assignment, I can assure you my interest and support will never diminish.

Thank you again, I hope that each of you will find an Air Force career in Air Weather Service as richly rewarding as I have.

Sincerely,

Paul

FAUL W. KADLEC
Brig Gen USAFR (Ret)

Chief's comments: 'During my first year...'

The saying, "Time flies when you are having fun," has proven to be true for me. The past year has gone very fast.

It seems like only yesterday that I was preparing to move from Langley AFB to Scott AFB. It has been a very pleasant year — a rewarding year. Colonel Chapman and I have visited 165 Air Weather Service units within that year. Being able to meet the people who provide the support is rewarding. And in all sincerity, you are doing a terrific job.

Summarizing your questions and concerns during my first year, the topic of assignments leads the pack. I can understand this and I do appreciate any and all questions concerning assignments. In some of the cases, if our folks at Palace Weather or myself had known far enough in advance, it would have made things a lot easier. Measures

could have been taken to make the move more pleasant.

The key to all assignment problems is time. Palace Weather will try to solve your problem, but we need to remember that they have to abide by the regulations and policies established for assignments. There are many procedures required to cancel an assignment — procedures that take longer than overnight. That's why we must allow them the time needed to do their job properly.

When we talk about assignments, there are several assignment programs available to you in the Air Force. AFR 39-11 governs the assignments for Airmen. The regulation gives us the guidelines on assignment policies and programs. Are you aware that the Children Have A Potential (CHAP) assignment is different from a humanitarian reassignment or

deferment? It is very different indeed. As a matter of fact, AF-MPC has a special office to handle all three of these requests.

These folks work hard to make the programs work for us. And if you believe you qualify for one of the programs, remember again, that time is your worst enemy. Get word to our Palace Weather folks, have your CBPO submit the required data as soon as possible, and follow-up on the request. This way all agencies are working toward the same goal — to make your move as smooth as possible.

When you are applying for one of the special programs, remember to provide facts — facts about the problem — emotional comments do not help. The request doesn't have to be five pages long — a half page of facts is better than five pages of emotional words. Keep it simple and to the point. The system does



CMSgt. Charles T. Melson
AWS Senior Enlisted Advisor

work when the request is justified.

Above all, we need to remember that the mission of the Air Force comes first. A quote from AFR 39-11, "The determining factor in the approval of a request for a move is the need of the Air Force."

Editorial:

Drunken sergeant's widow out in the cold

By 1st Lt. Gary Miller
Social Actions Division
Plattsburg AFB, N.Y.

The widow of an Air Force Sergeant who died in an automobile accident was denied death benefits by the Veteran's Administration.

Why?

After a hard day at work the sergeant had stopped by a local bar for a drink with friends. He had once been on an alcohol rehabilitation program, but considered all his drinking problems behind him.

He still drank on occasion, even sometimes a little too much, but no big problem. He never let it adversely affect his work and he was a hard-working and productive noncommissioned officer. He would soon reach retirement eligibility.

The sergeant left the bar shortly before 9 p.m. and proceeded home. By this time his blood-alcohol level was considerably above the intoxication level stated by the National Safety Council.

On a well-lighted street in good weather, debris on the roadway put his car out of control. He was pronounced dead on arrival at the local hospital.

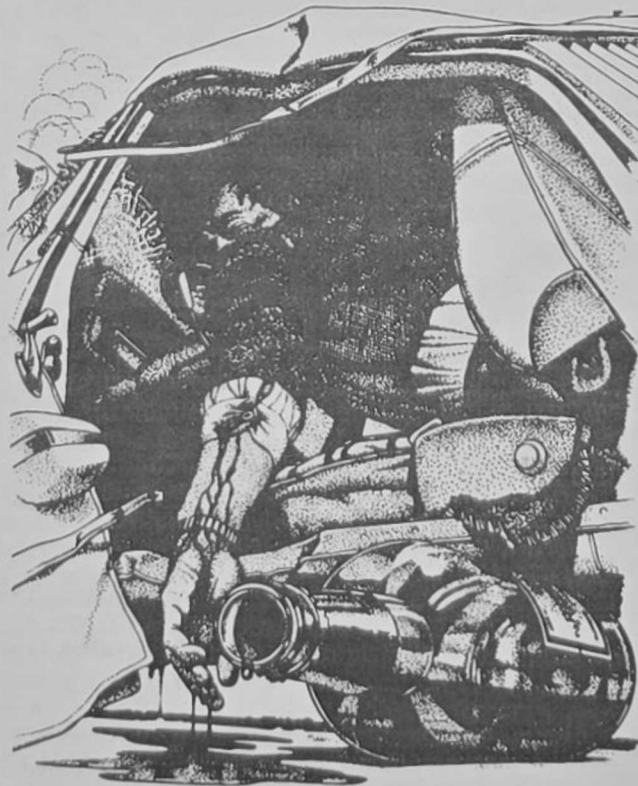
The sergeant's widow, left with children to raise alone, applied to the Veteran's Administration for the customary Dependency and Indemnity Compensation which would, in part, replace the loss in family income resulting from her husband's death.

The VA refused her request.

It seems that the various VA death benefits that most Air Force members have come to expect as a normal part of the financial security offered by the service, such as VA home loans, widow's and children's education benefits, and DIC income are not paid, by law,

when the death of the service member results from the member's willful misconduct.

The VA maintained that while drinking to excess does not constitute misconduct, attempting to drive in such condition does; therefore, the widow's claim could not be approved.



Mixing them can kill YOU!

Unfair? Wrong? An unjust inflicting of further suffering on a family already saddened by the loss of a husband and father?

Perhaps. With congressional help and strong command support, the widow appealed the VA ruling to the Board of Veterans Appeals in Washington, D.C. She contended that her husband's death was accidental and not the result of deliberate or intentional wrongdoing. The debris on the road could have caused the wreck regardless of the amount of alcohol consumed or not consumed, she said. The debris caused the accident, not the alcohol.

In any case, she continued, the decedent's alcohol problem had developed during service and was a result of the stress and pressure of military life; therefore, it was service connected.

In denying her appeal, the Board stated:

:The sergeant was killed in an automobile accident.

:He was intoxicated at the time.

He was driving and that decision to drive constituted deliberate and intentional wrongdoing with knowledge or disregard of probable consequences. The fact that his drinking problem may have been service-connected is irrelevant. He should have been prudent enough not to drive.

:Misconduct was the proximate cause of death. The death was not incurred in the line of duty for purposes of service connection of the cause of death.

The findings of the appeals board basically closed the door on the wife and her children. No DIC — no GI Bill — no other VA service connected benefits. Think about it.

This story actually happened. The case is not unique. There are other known cases where circumstances were similar. The outcome was the same.

Col. George E. Chapman
AWS Commander

SSgt. Michael T. Devine
Editor

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A lesson from History:

Weather Recon in Southeast Asia

by John Fuller
AWS Historian

During 1963-64, the 1st WW supported trans-Pacific deployments of fighter aircraft at the average rate of one flight per day.

In the first five months of 1965, over 400 such deployments were supported by the wing. This underscored the scope and tempo of the buildup in Southeast Asia after the Gulf of Tonkin incidents in August 1964.

Usually, each squadron-sized deployment of fighters benefited from scout and/or pathfinder flights by AWS Reconnaissance aircraft (normally WC-130s, WB-47Es, or WC-135Bs) along the route and in the air-refueling areas.

For most of the period between 1965 and 1979, the 9th Weather Reconnaissance Wing had three squadrons in the Pacific. They included the 54th WRS at Andersen AFB, Guam; the 57th WRS at Hickam AFB, Hawaii; and the 56th WRS at Yokota AB, Japan. Their contributions to the war effort consisted primarily of observing tropical cyclones as well as scout/pathfinder work.

Target weather recon

Despite the availability of weather radar and satellite coverage, the 7th Air Force needed target weather reconnaissance with the advent of air strikes against North Vietnam in 1965. Relying on practices used extensively during World War II and Korea, 1WW began flying pre-strike, weather reconnaissance sorties over prospective targets to provide 7th Air Force with up-to-the-minute information on which to base a decision for possible strikes.

By mid-1965, an average of six such sorties per day were being flown on a random basis, using F-4Cs or RF-101s, to prevent tipping off planned strikes. But the system was costly. The idea of target weather reconnaissance by AWS aircraft periodically arose, only to be dismissed when weighed on the scales of advantages and disadvantages.

Generally, 7th Air Force could not afford the

fighter protection necessary for unarmed AWS aircraft. However, beginning in March 1967 a pair of WC-130s were based at Udorn AB, Thailand, to fly rainmaking missions (covered in an earlier column). When not flying rainmaking missions, the crews performed synoptic reconnaissance missions over "permissive" areas.

These "permissive" areas included most of Thailand, Laos and South Vietnam as well as portions of the Gulf of Tonkin. Standoff reconnaissance of "non-permissive" areas (areas saturated with enemy air defenses); reconnaissance of air-refueling areas over SEA; and, from October 1971 until the rainmaking mission shut down in July 1972, tropical cyclone reconnaissance over the Bay of Bengal.

'Arc Light'

No phase of the weather reconnaissance efforts connected with the war used more of AWS' resources than Strategic Air Command's B-52 bombing operations, code-named "Arc Light," which began from Andersen AFB in June 1965.

On Aug. 5, 1965, USAF granted a SAC request and directed AWS to support Arc Light by observing air-refueling areas, primarily those located over the South China Sea. The 9th WRW met SAC's initial requirement of four weather scout sorties a week by having the 56th WRS deploy three WB-47Es temporarily to Clark AB, the Philippines.

As the tempo of SAC's bombing missions increased (from 30 sorties per month in June 1965 to 1,800 per month by March 1968) and it asked for a weather scout mission daily, the 9th WRW had to shuttle more men and planes into Clark AB from other units that were also supporting Arc Light.

Det 2, 57th WRS was established at Clark AB on July 8, 1965 and was equipped with four WB-47Es and had about 95 people. However, as Det 2 set up shop, SAC asked AWS for two weather scout sorties daily. So, Det 2's compliment of WB-47Es was increased, first to six and then to seven in May 1968. Even after the B-52s began flying out of U-Tapao, Thailand, in April 1967, Det 2 continued putting up two WB-47E, Arc Light weather-scout sorties per day through June 1969.

From SAC, where he had praised AWS' weather reconnaissance support to Arc Light, Gen. John D. Ryan took over PACAF in February 1967, and it was not long before he began lobbying for the removal of AWS's WB-47Es from Clark AB. Not only was the base overcrowded with men and planes supporting the Vietnam effort, but PACAF claimed the WB-47Es were tearing up the runway.

WB-47Es mothballed

After much deliberation, the outcome hinged on SAC's continued need for two Arc Light weather scout sorties a day. When SAC reconfirmed the need in December 1967, General Ryan and PACAF reluctantly consented to leaving the WB-47Es at Clark AB.

But when General Ryan became the Air Force Chief of Staff on Aug. 1, 1969, he directed the Air Staff to mothball all of AWS' WB-47Es. Over the Labor Day weekend, the Air Staff informed AWS that all WB-47E missions in support of Arc Light would cease on Sept. 5, 1969.

The last such WB-47E mission was flown that day, and on Oct. 31, 1969, the last of AWS' 24 WB-47Es departed the 57th WRS at Hickam AFB bound for decommissioning. After the loss of its WB-47s, AWS covered some of SAC's remaining Arc Light requirement with WC-135Bs from the 56th WRS at Yokota flying surveillance sampling missions.

A final facet of weather reconnaissance connected with the war was support furnished strategic reconnaissance missions flown with SAC's unique, high-speed and high-altitude SR-71s. Following a related conference at Headquarters USAF in January 1966, the 9th WRW published an operations plan for weather scout reconnaissance of air refueling areas across the central Pacific to the theater. At one time or another, air refueling area weather scout sorties, in support of the SR-71s, were flown with WC-135Bs of the 55th WRS and 56th WRS — WC-130s from the 54th WRS — and WB-47Es from the 57th WRS. During the interval between July 1969 and June 1972, AWS WC-130s and WC-135Bs flew 578 such missions.



BACK FROM ORBIT — Lt. Col. John Oliver, Commander of Det 11, 2WS, Patrick AFB, Fla., is presented a flag that flew on the Space Shuttle by Col. John Sniegowski, the DOD Manager for Space Shuttle Contingency Operations. The flag was presented to Det 11 for their highly specialized weather support to the Space Shuttle program. Smaller flags that also flew on the shuttle were given to Maj. Allen Duff and Maj. Donald Greene for their roles as Space Support Weather Officers.

Looking back at AWS

25 years ago

Brig. Gen. Norman L. Peterson was named Vice Commander of AWS effective Nov. 13 following his promotion to general officer rank.

20 years ago

NASA announced that the Tiros VI weather satellite that was launched Sept. 18, 1962, was no longer transmitting usable cloud cover pictures. Tiros VI operated 13 months, three times longer than its original life expectancy.

15 years ago

About 30 AWS people assigned to the 56th WRS, Yokota AB, Japan, completed their participation in Project Cold Cat at Singapore.

10 years ago

The "Typhoon Chasers" of the 54th WRS completed 100,000 hours of accident-free flying over a span of 11 years.

5 years ago

It was announced that CMSgt. George M. Horn had been selected to serve as the fifth AWS Senior Enlisted Advisor, replacing CMSgt. Howard Bock.

AF Reserve supports Army Guard

By SP4 Daniel Brazell
108th Public Affairs Detachment
S.C. Army National Guard

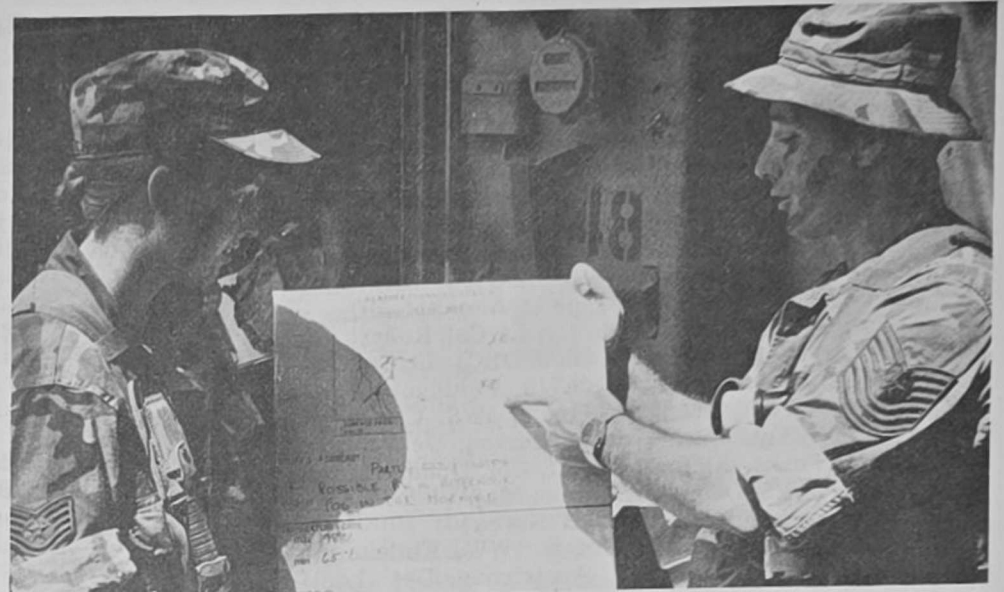
FORT STEWARD, Ga. — In "Poor Richard's Almanac," Benjamin Franklin described weather as an unpredictable phenomenon, but members of the 130th Weather Flight disagree.

Headquartered in Charleston, W. Va., this Air Force Reserve unit recently provided weather support to the South Carolina Army National Guard's 218th Infantry Brigade (Mechanized) during their annual field training here.

Supporting an Army Guard Brigade is the 130th Weather Flight's wartime mission and means quick changes from Air Force blues to camouflage fatigues.

After setting up a base in the field, the 13-member unit divides into two teams, one to plot and record weather patterns and the other to receive and transmit the information to brigade headquarters.

"We look for a happy medium," said MSgt. Tom Paul, an active Air Force advisor for the 130th Weather Flight. "We spend half our time with the Air Force and half our time with the Army. We feel we do a good job with both."



TOMORROW'S WEATHER — SSgt. Susan E. Lovern and MSgt. Tom Paul review their forecast. (Photo by SP4 Gwen R. Rhodes)



TRACK QUALIFIED — All members of the 130th Weather Flight were required to become track qualified. Here, MSgt. Tom Paul is spotting for the Carrier, Command Post, M577's driver. (Photo by SP4 Gwen R. Rhodes)



FIELD FORECASTING — SSgt. Susan E. Lovern plots a day's weather forecast during annual training with the South Carolina Army National Guard's 218th Infantry Brigade. (Photo by SP4 Gwen R. Rhodes)

Fire at AFGWC

Fast action prevents disaster

By Capt. Mary J. Carr

A scheduled power outage that became a crisis situation has resulted in the awarding of three MAC Distinguished Individual Safety Awards at AFGWC.

The power outage to the building housing AFGWC was scheduled to begin at 1 a.m., Feb. 23, 1983. At 1:06 a.m., the in-line batteries protecting computer systems No. 1, 4, and 5 failed, causing all three computer systems to stop processing.

2nd Lt. Wayne G. Strang, System Duty Officer, SSgt. Brian K. Davy, System No. 1 and 4 Team Chief, and SSgt. Bruce F. Grover, System No. 3, 5, and 6 Team Chief immediately directed a power down of the system. At 1:45 a.m. the Global Duty Officer informed Lieutenant Strang that stable commercial power had been restored and the computer operation teams began the intricate task of powering the systems back up.

At about 2 a.m., the Uninterruptable Power Supply No. 2, supporting computer systems No. 1, 4, and 5, caught fire due to an internal short circuit. About half-an-hour later, Lieutenant Strang detected smoke and toxic fumes that were being drawn into the computer rooms through the air conditioning system. He immediately shut down the air conditioning unit and directed a second power down of the three computer systems. Then Lieutenant Strang and the team chiefs switched the air conditioning fans to outside air to evacuate the smoke and toxic fumes from the computer systems.

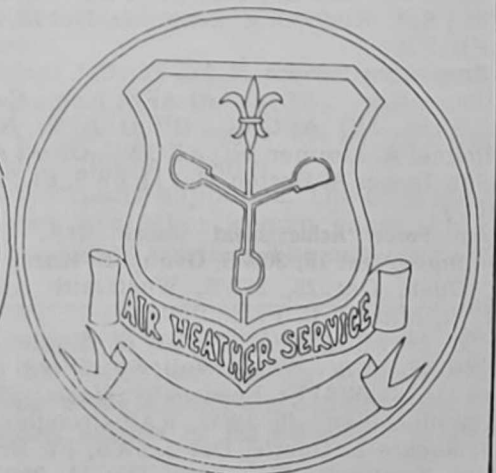
The fire, which was confined to battery bank No. 2 and damaged 20 batteries, was extinguished and at 4:30 a.m. the computers were powered up, with all systems on line before 6 a.m.

The prompt actions of Lieutenant Strang, SSgts. Davy and Grover prevented injury to personnel, more serious damage to the computer hardware and an extended system outage.

Special coins available to airborne-qualified

A limited number of Airborne/Special Operations Weather Team coins have been minted and are available for purchase by those AWS people who are or were associated with special operations weather support.

These coins are made of brass and each coin is individually numbered. All interested airborne-qualified AWS individuals should contact Lt. Leroy Davenport, 1WS/LN, MacDill AFB, Fla. 33608. Medals cost \$3.00 each and include the date and station of Airborne/Special Operations Weather Team assignment.



AWS salutes. . .

Medals

Legion of Merit: Col. Paul F. Twitchell (USAFR), Det 2, 2WS, Hanscom AFB, Mass.

Defense Meritorious Service Medal: Maj. Wilbur G. Hugli, 1WS, MacDill, AFB, Fla.

Meritorious Service Medal: Lt. Col. Michael J. Fox, 24WS, Randolph AFB, Texas (3 OLC); Lt. Col. Robert W. Smith, HQ 2WS, Andrews AFB, Md. (3 OLC); Col. Gary S. Zeigler, HQ AFGWC, Offutt AFB, Neb. (2 OLC); Lt. Col. Bruce D. Altenhof, HQ 1WW, Hickam AFB, Hawaii (2 OLC); Lt. Col. Robert W. Fisher, HQ 7WW, Scott AFB, Ill. (1 OLC); Lt. Col. Edward J. Nimmo, Det 2, HQ AWS, Pentagon (1 OLC); Maj. Steven Erickson, Det 2, 9WS, Castle AFB, Calif.; MSgt. Frederick Watterson, Det. 15, 9WS, Grand Forks, AFB, N.D.; Lt. Col. Donald L. Best, Det 15, 30WS, Osan AB, Korea; Maj. Victor H. Hill, OL-C, Det 15, 30WS, Taegu AB, Korea;

SMSgt. James Oyakawa, Det 8, 1WW, Kadena AFB, Japan; MSgt. Happy J. Armstrong, Det 11, 17WS, McChord AFB, Wash.; Capt. Rodney A. West, Det 4, 1WW, Hickam AFB, Hawaii; MSgt. Norman E. Chaney Jr., Det 4, 1WW, Hickam AFB, Hawaii; Maj. Joseph J. Butchko, HQ AFGWC, Offutt AFB, Neb.; Maj. Frank J. Carvell, HQ AFGWC, Offutt AFB, Neb.; Maj. Dennis E. Jebsen, HQ AFGWC, Offutt AFB, Neb.; CMSgt. John L. Williams, HQ AFGWC, Offutt AFB, Neb.; Lt. Col. Keith C. Ross, HQ 5WW, Langley AFB, Va.; MSgt. James T. Brinson, HQ 5WW, Langley, AFB, Va.; MSgt. Gary R. Rumery, Det 21, 9WS, Minot AFB, N.D.; Maj. William P. Meyler, Det 21, 9WS, Minot AFB, N.D.

Air Force Commendation Medal: MSgt. Wade C. Ramsey, HQ AFGWC, Offutt AFB, Neb. (2 OLC); MSgt. James J. Wainwright, Det 30, 2WS, Vandenberg AFB, Calif. (2 OLC); 1st Lt. Wayne S. French, OL-A, 31WS, Soesterberg AFB, NL; 1st Lt. Norbert R. Cordeiro, HQ 1WW, Hickam AFB, Hawaii; Sgt. John G. Meyers, Det 30, 2WS, Vandenberg AFB, Calif.; TSgt. Andrew P. Quigley, Det 28, 26WS, Wurtsmith AFB, Mich.; Sgt. John F. Portis, Det 28, 26WS, Wurtsmith AFB, Mich.; Capt. James L. Thompson, Det 11, 1WW, Hickam AFB, Hawaii; 1st Lt. James L. Reardon, Det 17, 1WW, Yokota AB, Japan; SSgt. (now 2nd Lt.) Jeffrey T. Bernard, Det 11, 17WS, McChord AFB, Wash.

TSgt. David E. Dunklee, Det 4, 1WW, Hickam AFB, Hawaii; TSgt. Mark M. E. Wheeler, Det 4, 1WW, Hickam AFB, Hawaii; 1st Lt. William H. Wilson, HQ AFGWC, Offutt AFB, Neb.; TSgt. Michael J. Wellman, HQ AFGWC, Offutt AFB, Neb.; Capt. Gary G. Bard, Det 40, 2WW, RAF Croughton, UK; Capt. Alfonse J. Mazurowski, Det 1, 5WS, Ft. Campbell, Ky.; Capt. James A. Parsons, OL-A, Det 14, 5WS, Ft. Bliss, Texas; Capt. Richard A. Wohlman, Det 11, 5WS, Ft. Sill, Okla.; 2nd Lt. William D. Hall, Det 9, 5WS, Ft. Rucker, Ala.; MSgt. Charlie Johnson, Jr., Det 7, 5WS, Ft. Ord, Calif.; SSgt. Donald Knight, Det. 3, 3WS, Myrtle Beach AFB, S.C.; SSgt. Brian Krick, Det. 32, 3WS, MacDill AFB, Fla.; Sgt. Dace Branch, Det 6, 4WW, Peterson AFB, Colo.; Sgt. Michelle Timperio, HQ 5WW, Langley AFB, Va.; SSgt. Barbara G. Boardman, OL-G, HQ AWS, Coral Gables, Fla.; SSgt. Frank J. Simon, Det 10, 2WS, Eglin AFB, Fla.;

SSgt. Richard L. Foster, Det 10, 2WS, Eglin AFB, Fla.; SrA. Kenneth E. Schmaltz, Det 10, 2WS, Eglin AFB, Fla.

Army Commendation Medal: Lt. Col. Robert W. Endlich, HQ AFGWC, Offutt AFB, Neb.; Capt. Dennis R. Frill, HQ AFGWC, Offutt AFB, Neb.; SSgt. Michael A. Zimmer, HQ AFGWC, Offutt AFB, Neb.; TSgt. James A. Boston, Det 11, 5WS, Ft. Sill, Okla. (1 OLC);

Air Force Achievement Medal: SrA. Samuel G. Dolinger, Det 15, 30WS, Osan AB, Korea; Sgt. John S. Bush, Det 28, 26WS, Wurtsmith AFB, Mich.; MSgt. Marvin L. Freimund, Det 11, 1WW, Hickam AFB, Hawaii; A1C Michael R. Singleton, Det 11, 1WW, Hickam AFB, Hawaii; Sgt. David A. Molenda Jr., Det 6, 5WS, Ft. Lewis AIN, Wash.; SSgt. Joseph L. Wilburn, Det 40, 2WW, RAF Croughton, UK; 1st Lt. Jackie L. Gentle, Det 3, 5WS, Ft. Bragg, N.C.; SSgt. Benito R. Chavarria, Det 11, 25WS, Cannon

AFB, N.M.; SrA. Michael S. Douglas, Det 23, 3WS, Moody AFB, Ga.; A1C Kenneth L. Alexander, Det 12, 5WS, Ft. Devens, Mass.; Sgt. Richard L. Couch, Det 10, 2WS, Eglin AFB, Fla.; SrA. Kenneth W. Briggs, Det 10, 15WS, McGuire AFB, N.Y.

Army Achievement Medal: SSgt. Billy L. Roberts, HQ AFGWC, Offutt AFB, Neb.; Sgt. Dallas D. Smith (initial and 1 OLC), Maj. James P. Long, 1st Lt. David A. Smarsh, MSgt. William Kowal, MSgt. Lewis E. Whitacre, TSgt. Robert R. Calvillo, SSgt. Mickey D. Bennis, SSgt. Charles L. Boyd, SSgt. Robert W. Murders, SSgt. Billy L. Roberts, SSgt. Gary A. Schmieding, Sgt. John W. Ejdownski, SrA. Richard J. Liebel, SrA. Michael A. Skipper, SrA. Dallas D. Smith and Amn. Michael G. Manning, Det 11, 5WS, Ft. Sill, Okla.

Air Force Good Conduct Medal: TSgt. Walter R. Joyner, Jr., Det 15, 30WS, Osan AB, Korea; Sgt. Marsha J. B. Guivas, Det 15, 30WS, Osan AB, Korea; TSgt. Earl J. Simon, Det 30, 2WS, Vandenberg AFB, Calif.; SSgt. Terance N. Roberts, Det 30, 2WS, Vandenberg AFB, Calif.; SSgt. William O. Ash (2 OLC), Det 1, 5WS, Ft. Campbell, Ky.; A1C Timothy Bruner, Det 1, 5WS, Ft. Campbell, Ky.; MSgt. Robert L. Albert, Det 3, 3WS, Myrtle Beach AFB, S.C.; MSgt. Earl W. Schneider, Det 14, 5WS, Ft. Hood, Texas; SrA. Randall J. Walsh, Det 14, 5WS, Ft. Hood, Texas.

Air Force Longevity Service Award: Sgt. Debra A. Charlton, Det 2, 31WS, Ramstein AB, FRG; Sgt. Harold E. Jones, III, HQ 7WW, Scott AFB, Ill.

Combat Readiness Medal: MSgt. Jeffery M. Wilson, Det 6, 5WS, Ft. Lewis AIN, Wash.; Sgt. David A. Molenda Jr., Det 6, 5 WS, Ft. Lewis AIN, Wash.

Promotions

The following AWS personnel have been selected for colonel by the 1983 Selection Board:

Robert E. Black, AFGWC/AD; George L. Frederick Jr., AFGWC/WF; Ronald D. Haynes, 26WS/CC; William S. Koenemann, 5WW/DO; Glenn W. McBride, 28WS/CC; Robert T. Milne, Air Staff (XOX); Gene J. Pfeffer, AWS/SY; James E. Sands Jr., 3WW/LN; and James A. Young, Air University.

To lieutenant colonel: Charles Bikle, Det 1, 9WS, Offutt AFB, Neb.; William J. Bihner, Jr., Det 30, 2WS, Vandenberg AFB, Calif.

To major: Lawrence D. Liedtke, Det 27, 12WSS, Hancock Field, N.Y.

To captain: Timothy S. Burke, Det 2, 7WS, Hanau, FRG; Christopher Cuoco, OL-H, 7WS, Schwaebisch Gmuend, FRG; Thomas S. Cadenhead, Det 5, 7 WS, Ansbach, FRG; Tod M. Kunschke, Det 8, 7WS, Frankfurt, FRG; Kenneth H. Wallingford, Det 1, 31WS, Bitburg AB, FRG; Walter F. Miller, 24WS, Randolph AFB, Texas; William M. Fisher, HQ AFGWC, Offutt AFB, Neb.; Larry G. Bickerstaff, HQ 5WW, Langley AFB, Va.; Michael L. Davenport, 1WS, MacDill AFB, Fla.; Thomas B. Dunmire, Det 18, 25WS, Mountain Home AFB, Idaho.

To 1st lieutenant: George F. Ritz, 9WS/WSU, March AFB, Calif.; James Ferrera, 9WS/WSU, March AFB, Calif.; Randall Skov, Det 1, 9WS, Offutt AFB, Neb.; William J. Delehunt, Det 3, 9WS, Fairchild AFB, Wash.; Wendell T. Stapler, Det 16, 9WS, Dyess AFB, Texas; Gerald Hevrdeys, Det 21, 9WS, Minot AFB, N.D.; Donna Perez, Det 19, 31WS, Incirlik ABS, TK; Gregory J. Reding, Det 30, 2WS, Vandenberg AFB, Calif.; Suzanne P. Masters, Det 8, 1WS, Kadena ABS, Japan; David C. Sautter, Det 28, 26WS, Wurtsmith AFB, Mich.; Thomas L. Griffin, HQ AWS/LGL, Scott AFB, Ill.; Stephen S. Carr, Det 31, 5WS, Ft. Polk, La.; Michael S. Fontaine, Det 6, 5WS, Ft. Lewis, Wash.; James P. Van Kovics, Det 6, 17WS, Hill AFB, Utah; Eugene W. Dobry, Jr., Det 6, 17 WS, Hill AFB, Utah; John P. Boggs, Det 6, 7WS, Fulda AIN, FRG.

To chief master sergeant: Billy W. Brown, Det 16, 25WS, Nellis AFB, Nev.

To senior master sergeant: Franklin P. Hauck, Det 28, 26WS, Wurtsmith AFB, Mich..

To master sergeant: Ray Perez, Det 19, 31WS, Incirlik ABS, TK; Alan C. Wiesmann, HQ 5WW, Langley AFB, Va.; Kenneth R. Sifford, Det 6, 17WS, Hill AFB, Utah.

To technical sergeant: Robert J. Sebile, 9WS, March AFB, Calif.; Frank L. Curtis, Det 15, 24WS, Vance AFB, Okla.; Jerry W. Smith, Det 15, 24WS, Vance AFB, Okla.; Thomas G. Sleeker, Det 1, 31WS, Bitburg ABS, FRG; Michael L. Neumann, Det 19, 30WS, Camp Humphreys AIN, Korea; Michael J. Gallagher, Det 28, 26WS, Wurtsmith AFB, Mich.; Jarslow Sukmanowsky, HQ AFGWC, Offutt AFB, Neb.; Charles Williams, Det 8, 26WS, Griffiss AFB, N.Y.; Jimmy T. Calhoun, Det 9, 5WS, Ft. Rucker, Ala.;

Dennis W. Clifton, Det 16, 25WS, Nellis AFB, Nev.; Jerome C. Jacque, Det 14, 25WS, Holloman AFB, NM; Richard L. Mitchell, Det 12, 25WS, George AFB, Calif.; Jesus H. Ramos, Det 18, 25WS, Mountain Home AFB, Idaho; William H. Taylor, Det 11, 25WS, Cannon AFB, N.M.; David L. Wyman, Det. 18, 25WS, Mountain Home AFB, Idaho; Edgar E. Vachino, Det. 10, 15WS, McGuire AFB, N.J.; Benton E. Holden III, Det 5, 1WW, Samuel R. Simpson, Det 6, 17WS, Hill AFB, Utah.

To staff sergeant: James Adams, Det 11, 9WS, Beale AFB, Calif.; John Edjowski, Det 11, 9WS, Beale AFB, Calif.; Donald E. Gatfield, Det 15, 15WS, Wright-Patterson AFB, Ohio; Ronald H. Kellerman, 1WS, MacDill AFB, Fla.; Mark A. Gravell, HQ AFGWC, Offutt AFB, Neb.; Daryl S. Matsumura, HQ AFGWC, Offutt AFB, Neb.; Karen V. Merritt, Det 2, 9WS, Castle AFB, Calif.; Timothy R. Crume, Det 6, 5WS, Ft. Lewis AIN, Wash.; Daniel W. Armstrong, Det 3, 3WS, Myrtle Beach AFB, S.C.; Michael P. Blomquist, Det 15, 25WS, Luke AFB, Ariz.; Barry Crain, Det 6, 3WS, Homestead AFB, Fla.; Brian K. Goforth, Det 18, 25WS, Mountain Home AFB, Idaho;

Joel D. Hart, Det 6, 4WW, Peterson AFB, Colo.; Ronald L. Hoover, Det 21, 5WS, Hunter AAF, Ga.; Ronald H. Kellerman, 1WS, MacDill AFB, Fla.; Michael A. Lindsey, Det. 3, 3WS, Myrtle Beach AFB, S.C.; Virginia L. Nicols, Det 14, 25WS, Holloman AFB, N.M.; Stephen M. Otis, Det 6, 4WW, Peterson AFB, Colo.; Rodney S. Rabenneck, Det 16, 25WS, Nellis AFB, Nev.; Paul F. Schirle, Det 6, 4WW, Peterson AFB, Colo.; Timothy Sterling, Det 6, 3WS, Homestead AFB, Fla.; Vernon R. Woolsey, Det 16, 25WS, Nellis AFB, Nev.; Richard C. Roper, Det 10, 15WS, McGuire AFB, N.J.; Ronald D. Miller, Det 6, 17WS, Hill AFB, Utah; Timothy Todd, Det 10, 2WS, Eglin AFB, Fla.; Jeremy L. Samuel, Det 10, 2WS, Eglin AFB, Fla.; Donald M. Fisher, MAC WSU, HQ 7WW, Scott AFB, Ill.

To sergeant: John A. Diorio, Det 3, 9WS, Fairchild AFB, Wash.; David Derung, OL-D, Det 15, 9WS, Fargo, N.D.; Michael J. Sawyer, Det 19, 30WS, Camp Humphreys AIN, Korea; Shawn T. Sankey, Det 6, 7WS, Fulda AIN, FRG; Stephen A. Chrysostom, HQ AFGWC, Offutt AFB, Neb.; Sandra A. Thompson, HQ AFGWC, Offutt AFB, Neb.; Deanne A. Quinto, Det 1, 1WW, Hickam AFB, Hawaii; Mark E. Testroet, Det 1, 1WW, Hickam AFB, Hawaii; John K. Vares, Det 1, 1WW, Hickam AFB, Calif.; Robert L. Williams, Det 6, 5WS, Ft. Lewis AIN, Wash.;

David A. Molenda Jr., Det 6, 5WS, Ft. Lewis AIN, Wash.; Donald O. Calhoun, Det 11, 5WS, Ft. Sill AIN, Okla.; Thomas C. Balsoma, Det 7, 5WS, Ft. Ord, Calif.; Michael DeYoung, Det 58, 5WS, Ft. Carson, Colo.; John A. Hogan, Det 14, 5WS, Ft. Hood, Texas; Richard J. Liebel, Det 11, 5WS, Ft. Sill, Okla.; Christopher Malone, Det 27, 12WS, Hancock Field, N.Y.; James E. Root, Det 13, 25WS, Davis Monthan AFB, Ariz.; Kim A. Sorrell, Det 2, 5WS, Ft. Belvoir, Va.; Karl G. Owens, Det 10, 15WS, McGuire AFB, N.J.; Robert B. Anaya, OL-G, HQ AWS, Coral Gables, Fla.; David C. Esparza, Det 6, 7WS, Fulda AIN, FRG; Raleigh Addy, HQ 7WW, Scott AFB, Ill.

Continued

AWS salutes ...

To senior airman: Ronnie King, Det 1, 9 WS, Offutt AFB, Neb.; Brian F. Nesuis, Det 20, 31WS, Sembach ABS, FRG; Marilyn G. Lund, Det 8, 31WS, Zweibrucken ABS, FRG; Dave Morrison, Det 8, 31WS, Zweibrucken ABS, FRG; Bill Chambers, Det 7, 31WS, Aviano ABS, Italy; Jeffrey E. DuBuis, Det 30, 2WS, Vandenberg AFB, Calif.; Robert E. Curry, 1WS, MacDill AFB, Fla.; Mario J. Fandino, Det 8, 1WS, Kadana ABS, Japan; Jeffrey L. Kaufman, HQ AFGWC, Offutt AFB, Neb.; Thomas A. Koch, HQ AFGWC, Offutt AFB, Neb. (BTZ);

John S. Rawlings, HQ AFGWC, Offutt AFB, Neb.; Dennis Bolewitz, OL-A, Det 8, 26WS, Griffiss AFB, N.Y.; Sombria Coley, Det 8, 26WS, Griffiss AFB, N.Y.; Anthony DiBenedetto, Det 9, 5WS, Ft. Rucker, Ala.; Alma Hansell-Foggie, Det 1, 3WS, Shaw AFB, S.C.; Jon M. Kobar, Det 21, 5WS, Hunter AAF, Ga.; Gregg R. Baron, Det 10, 15WS, McGuire AFB, N.Y. (BTZ); Kenneth W. Briggs, Det 10, 15WS, McGuire AFB, N.Y.; Anne Marie Cipot, Det 1, 31WS, Bitburg AB, FRG; Brian E. Warner, HQ 7WW/DA, Scott AFB, Ill (BNTZ).

To airman first class: Kurt Reszegi, Det 2, 9WS, Castle AFB, Calif.; Jeffrey E. Johnson, HQ AFGWC, Offutt AFB, Neb.; Kevin Sollenberger, HQ AFGWC, Offutt AFB, Neb.; Michael D. Trapp, HQ AFGWC, Offutt AFB, Neb.; David E. Wheeler, HQ AFGWC, Offutt AFB, Neb.; Andrea J. Hollingsworth, Det 11, 5WS, Ft. Sill AIN, Okla.; Michael Barros, Det 58, 5WS, Ft. Carson, Colo.; Elizabeth A. Brown, Det 16, 25WS, Nellis AFB, Nev.; Raymond N. Hyson, Det 1, 5WS, Ft. Campbell, Ky.;

David W. Law, Det 6, 5WS, Ft. Lewis, Wash.; Rodney D. Nalley, Det 2, 5WS, Ft. Belvoir, Va.; Frank Reyes, Det 32, 3WS, MacDill AFB, Fla.; Stephen R. Richardson, Det 14, 5WS, Ft. Hood, Texas; John S. Turnbull, Det 2, 5WS, Ft. Belvoir, Va.; Robert Washington, Det 58, 5WS, Ft. Carson, Wash.; Derek G. Wooten, Det 5, 5WS, Ft. Knox, Ky.; Gwen M. Gilholm, Det 10, 2WS, Eglin AFB, Fla.; Amy J. Shinolt, MAC WSU, Scott AFB, Ill.;

To airman: Bruce E. Bond, Det 20, 24WS, Laughlin AFB, Texas; Daniel S. Plumlee, Det 17, 1WW, Yokota ABS, Japan; Michael Williams, Det 18, 25WS, Mountain Home AFB, Idaho; Tamara A. Hayes, Det 5, 1WW.; Scott A. Schuler, 7WW/DA, Scott AFB, Ill.; Lyndall M. Siverly, MAC WSU, Scott AFB, Ill.

Unit Honors

Junior Officer of the Quarter: 1st Lt. George P. Rosser, Jr., Det 15, 30WS, Osan AB, Korea; Capt. David E. Howell, HQ AFGWC, Offutt AFB, Neb.

Senior NCO of the Quarter: MSgt. William E. Phillips, Det 5, 9WS, Malmstrom AFB, Mont. — for 3WW; SMSgt. John J. Hewitt, HQ AFGWC, Offutt AFB, Neb.; MSgt. Marvin L. Freimund, Det 11, 1WW, Hickam AFB, Hawaii — for 1 WW; MSgt. William E. Bennett, Det 27, 12WS, Hancock Field, N.Y.; MSgt. Rufus D. Grizzle, Det 23, 3WS, Moody AFB, Ga.; MSgt. Michael J. Visnaw, Det 12, 25WS, George AFB, Calif.

NCO of the Quarter: TSgt. Matthew R. Ulrich, Det 28, 26WS, Wurtsmith AFB, Mich.; SSgt. Brik A. Blackford, Det 20, 24WS, Laughlin AFB, Texas; TSgt. Spencer R. Chapman, HQ AFGWC, Offutt AFB, Neb.; SSgt. Joseph P. Brahsler, Det 6, 12WS, Peterson AFB, Colo.; SSgt. Benito D. Chavarria, Det 11, 25WS, Cannon AFB, NM; SSgt. Harry N. Kinard, Det 3, 3WS, Myrtle Beach AFB, S.C.

Airman of the Quarter: A1C Matthew Lawson, Det 5, 9WS, Malmstrom AFB, Mont. — for 3WW; SrA. Lana K. Sutherland, Det 20, 24WS, Laughlin AFB, Texas; SrA. Theodore R. VanHouten, HQ AFGWC, Offutt AFB, Neb.; A1C Molly A. Kreuzer, Det 11, 1WW, Hickam AFB, Hawaii — for 1WW; A1C Kevin R. Grannan, Det 9, 3WS, Tyndall AFB, Fla.; A1C Lee M. Kuhn, Det 6, 12WS, Peterson AFB, Colo.; A1C Kenneth D. Pierce, Det 15, 25WS, Luke AFB, Ariz.

Forecaster of the Quarter: SSgt. Scott R. Kinglsey, Det 25, 5WW, Howard AFB, PN.

Observer of the Quarter: Sgt. Debbie F. Boney, Det 25, 5WW, Howard AFB, PN.

Sustained Superior Performance Award: Jean McNabb, Det 21, 5WS, Hunter AAF, Ga.; Mrs. Patricia A. Teichert, 1WS, MacDill AFB, Fla.

Education

Air War College Seminar: Maj. William S. Weaving, HQ AFGWC, Offutt AFB, Neb.

Squadron Officer School: 1st Lt. Michael L. Davenport, 1WS, MacDill AFB, Fla.; Capt. Eleanor Doyle, HQ AFGWC, Offutt AFB, Neb. (Correspondence); 1st Lt. Michael L. Davenport, 1WS, MacDill AFB, Fla.; 1st Lt. James T. Kroll, Det 14, 5WS, Ft. Hood, Texas; Capt. Patricia K. Acevedo, HQ AWS/LGX, Scott AFB, Ill.;

Marine Corps Command and Staff College: 1st Lt. Gary White, HQ AFGWC, Offutt AFB, Neb. (non-resident program).

Senior NCO Academy: MSgt. John R. S. Kelley, Det 58, 5WS, Ft. Carson, Colo.

NCO Academy: TSgt. Paul T. Ferguson (Distinguished Graduate, Military Excellence, Drill Excellence and Academic Achievement Awards), 1WS, MacDill AFB, Fla.; TSgt. William E. Putnam, 1WS, MacDill AFB, Fla.; SSgt. Louis Garcia, Jr., Det 9, 7WW/DA, Scott AFB, Ill.; TSgt. Ray W. Johnson, Det 2, 9WS, Castle AFB, Calif.; TSgt. Charles J. Lee, Det 6, 12WS, Peterson AFB, Colo. (Distinguished Graduate).

NCO Leadership School: SSgt. Rene A. Lacelle, Det 30, 2WS, Vandenberg AFB, Calif.; SSgt. Naomi L. Archer, Det 30, 2WS, Vandenberg AFB, Calif.; SSgt. Howard D. Doane, Det 8, 26WS, Griffiss AFB, N.Y.; SSgt. Robert F. DuFrane, Det 15, 25WS, Luke AFB, Ariz.; SSgt. Kenneth M. Malinky, Det 14, 5WS, Ft. Hood, Texas (Distinguished Graduate); SSgt. Guy D. Smith, HQ 5WW, Langley AFB, Va. (Distinguished Graduate); Sgt. Gary D. Morris, Det 6, 5WS, Ft. Lewis, Wash.; Sgt. Donald M. Nelson, Det 14, 25WS, Holloman AFB, N.M.; Sgt. Michael E. Rudis, Det 2, 5WS, Ft. Belvoir, Va.

PME Phase II: Sgt. William T. Blackman, HQ 1WW, Hickam AFB, Hawaii; SSgt. Goffry E. Murphy, Det 15, 15WS, Wright-Patterson AFB, Ohio; Sgt. W. Gary Heberline Jr., Det 15, 15WS, Wright-Patterson AFB, Ohio; SSgt. G. D. Strom, Det 13, 5WS, Ft. Eustis, Va.; Sgt. David W. Jones, Det 3, 5WS, Ft. Bragg, N.C.; Sgt. Ronald G. Sisson, Det 6, 5WS, Ft. Lewis, Wash.

PME Phase I: SrA. Robert E. Curry, 1WS, MacDill AFB, Fla.; SrA. Allison B. Hocutt, Det 3, 3WS, Myrtle Beach AFB, S.C.

Forecaster School: SSgt. Verlin I. Albritton, Det 12, 25WS, George AFB, Calif. (Honor Graduate); SSgt. George D. Strohm, Det 13, 5WS, Ft. Eustis, Va. (Honor Graduate).

Weather Observer School: SSgt. Doug Hardy, Det 32, 3WS, Peterson AFB, Colo. (Distinguished Graduate).

Weather Technician Course: Sgt. Paul F. Schirle, Det 6, 12 WS, Peterson AFB, Colo. (Distinguished Graduate).

CCAF Degree: Sgt. Kathryn Green, Det 2, 9WS, Castle AFB, Calif.; SSgt. Lawrence L. Shipp, Det 6, 5WS, Ft. Lewis, Wash.; TSgt. David W. Hall, HQ AWS/LGX, Scott AFB, Ill.

Master of Science: TSgt. Randolph A. Morgan, Det 13, 25WS, Davis Monthan AFB, Ariz.

Associate of Art: SSgt. Ian M. Wildman, Det 27, 123WS, Hancock Field, N.Y.; TSgt. Robert Lowe, Det 18, 25WS, Mountain Home AFB, Idaho.

HQ MAC Airlift Operations School: Capt. Patricia K. Acevedo, HQ AWS/LGX, Scott AFB, Ill.; SMSgt. Larry J. Lents, HQ ANS/LGX, Scott AFB, Ill.

Logistics Plans and Programs Officer Course: Capt. Lacey C. Jackson, HQ AWS/LGX, Scott AFB, Ill.

Inventory Management Supervisors Course: TSgt. David W. Hall, HQ AWS/LGX, Scott AFB, Ill.

Retirements

Col. Donald Smith, HQ 24WS, Randolph AFB, Texas; Lt. Col. Jack Brown, HQ 24WS, Randolph AFB, Texas; Capt. James E. Young, Det 22, 24WS, Randolph AFB, Texas; MSgt. Denis J. Gartner, Det 14, 17WS, Norton AFB, Calif.; SMSgt. Alan (Ted) Jensen, OL-Q, Det 6, Otis AFB, Mass.; MSgt. Frederick Watterson, Det 15, 9WS, Grand Forks, N.D.; George Grisham, Det 8, 26WS, Griffiss AFB, N.Y.; Maj. Paul D. Halloran, HQ 5WW, Langley AFB, Va.; Maj. David Green, HQ 5WW, Langley AFB, Va.; Capt. Thomas F. Farr, HQ 5WW, Langley AFB, Va.; CMSgt. Sam R. Griffith, Det 21, 5WS, Hunter AFB, Va.; Leonard D. McChesney, Det 16, 25WS, Nellis AFB, Nev.; Col. Paul F. Twitchell (USAFR), Det 2, 2WS, Hanscom AFB, Mass.

Weddings

SrA. Paul F. Harper to Donna M. Mitchell, Det 15, 15WS, Wright-Patterson AFB, Ohio.

SSgt. Gary A. Schmieding to A1C Susan C. Crebier, Det 11, 5WS, Ft. Sill, Okla.

SMSgt. Billy W. Brown to Theresa Lowry, Det 16, 25WS, Nellis AFB, Nev.

Lt. and Mrs. Gary C. Grigorian, Det 11, 25WS, Cannon AFB, N.M.

SSgt. and Mrs. Trevor S. Allen, Det 27, 4WW, Hancock Field, N.Y.

SSgt. Arnold N. and Carol Brown, Det 11, 5WS, Ft. Sill, Okla.

SSgt. and Mrs. David Jenkins, Det 18, 25WS, Mountain Home AFB, Idaho.

SSgt. Guy D. Smith and A1C Julie Schoniger, HQ 5WW, Langley AFB, Va.

Sgt. and Mrs. Paul A. Heinz, Det 5, 3WS, England AFB, La.

A1C Ralph Delgado and Connie Leight, HQ 5WW, Langley AFB, Va.

A1C William J. and Kim Martin, Det 10, 5WS, Ft. Benning, Ga.

A1C Andrea L. Kaufhold, Det 1, 5WS to Sgt. David L. Walton, Det 19, 31WS.

Heir Force

Jenifer to SSgt. Cherly A. Cochrane, Det 2, 31WS, Ramstein AB, FRG.

William O. to SSgt. William and Lori Ash, Det 1, 5WS, Ft. Campbell, Ky.

Andrew to Capt. Michael D. and Mrs. Morton, HQ AFGWC, Offutt AFB, Neb.

Bridget Marie to SSgt. Rich and Mrs. Goodman, HQ AFGWC, Offutt AFB, Neb.

Justin to Sgt. Steve and Jane Chrysostom, HQ AFGWC, Offutt AFB, Neb.

Corey Allan to 1st Lt. and Mrs. Michael S. Fountain, Det 6, 5WS, Ft. Lewis, Wash.

Joseph Patrick Daniel to TSgt. and Mrs. Daniel R. Berube, Det 27, 12WS, Hancock Field, N.Y.

Laura Ann to SSgt. and Mrs. James E. Callen, Det 6, 5WS, Ft. Lewis, Wash.

Kelly (a daughter) to SSgt. and Mrs. Al Green, Det 58, 5WS, Ft. Carson, Colo.

Shawni Marie to SSgt. Theresa and Chuil Kim, HQ 5WW, Langley AFB, Va.

A daughter to SSgt. and Mrs. Jeffrey Strong, Det 6, 3WS, Homestead AFB, Fla.

Jessica Maria to Sgt. and Mrs. James F. Fuller, Det 8, 5WS, Ft. Riley, Kansas.

Ashely (a daughter) to A1C and Mrs. Lance Ryerson, Det 14, 25WS, Holloman AFB, N.M.

Joshua James to Amn. and Mrs. James P. Brown, Det 8, 5WS, Ft. Riley, Kansas.

Shamus Titus to Sgt. David and Jane Esparza, Det 6, 7WS, Fulda AIN, FRG.

Patrick Allan, Jr. to 2nd Lt. Patrick A. and Candy Tuller, Det 21, 9WS, Minot AFB, N.D.

Magan Elizabeth to Maj. William P. and Candice Meyler, Det 21, 9WS, Minot AFB, N.D.

Det 2 volunteers again; 29th year for Santa's Mailbag

EIELSON AFB, Ala. — What began as a program for children of United States service members stationed overseas has blossomed into an annual project involving thousands of people from throughout the world.

Santa's Mailbag Program, sponsored by members of USAF's Air Weather Service, Detachment 2, Eielson AFB, Alaska, continues the tradition of remailing letters from Santa to children from all parts of the world.



Since the program began in 1954, more than a quarter of a million letters have been returned, postmarked "North Pole, Alaska," to anxiously waiting children in the United States, Japan, the Philippines, Scotland, Mexico, Canada, Guam, Holland and all corners of the world.

Letters are written by children to Santa Claus. Relatives or friends answer the letter as if from Santa and then send the answer — inside a stamped envelope addressed to the child — to: Det 2, 11WS, Eielson AFB, AK 99702. The answers are returned with Santa 'stamped' artwork on the envelope and the "North Pole" postmark.

Occasionally, letters are received without a return letter from "Santa" or with no return stamp. Although Air Force people organize the program, they do it as volunteers on off-duty time and receive no funds from the government. So money needed for stamps usually comes from the donations of base personnel, parents or friends.

When letters are received without return letters, volunteers send a special form letter from Santa. The cost for this also comes from volunteers' pockets. Because of ever-increasing costs, Santa's "blue-suited" helpers urge adults to be sure to include the self-addressed, stamped envelope and the letter from Santa.

Letters must be mailed before Dec. 1 so they can be returned by Christmas.

PAL, SAM, surface

Christmas mail deadline

The U.S. Postal Service has announced deadlines for mailing Christmas packages and cards overseas.

To assure timely arrival and delivery at U.S. destinations, all mail should be received at the gateway points by these dates: Priority, Dec. 18; letters, Dec. 16; PAL, Dec. 12; SAM, Dec. 9; Surface, Dec. 5.

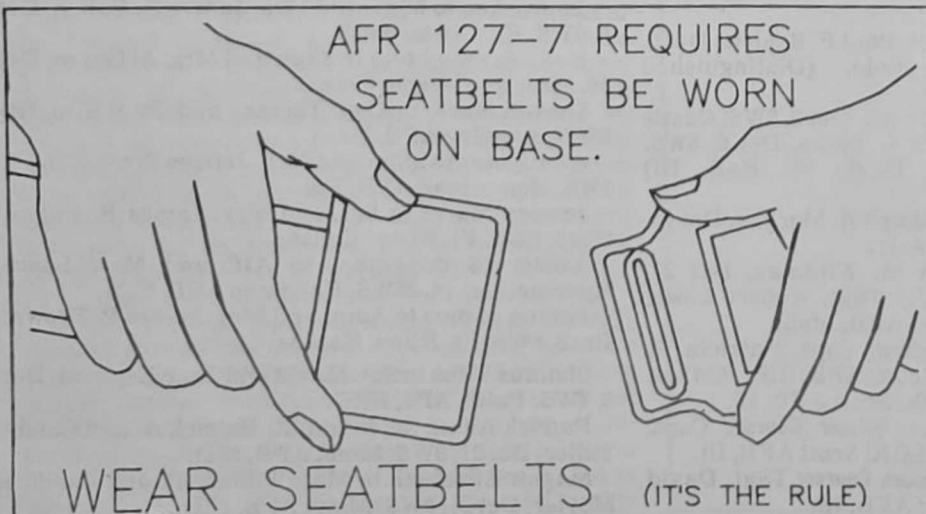
Members at overseas locations should use the deadlines as a guide to ensure that mail orders from the United States are made in ample time to arrive before the holidays.

To assure timely arrival of Christmas Mail at overseas destinations, all mail should be posted on or before 1983 dates shown below.

Destination	Priority	Letters	(PAL)	(SAM)	Surface
Africa	Dec. 5	Dec. 5	Nov. 14	Nov. 7	Nov. 7
Alaska	Dec. 12	Dec. 12	Dec. 5	Nov. 28	Nov. 28
Hawaii	Dec. 12	Dec. 12			Nov. 28
Australia	Nov. 28	Nov. 28	Nov. 14	Nov. 7	Oct. 21
Caribbean	Dec. 12	Dec. 12	Nov. 28	Nov. 21	Nov. 14
Central/S. America	Nov. 28	Nov. 28	Nov. 14	Nov. 7	Nov. 4
Europe	Dec. 9	Dec. 9	Nov. 28	Nov. 18	Nov. 4
Far East	Dec. 9	Dec. 9	Nov. 28	Nov. 18	Nov. 4
Greenland	Dec. 5	Dec. 5	Nov. 28	Nov. 21	Nov. 4
Iceland	Dec. 12	Dec. 12	Nov. 28	Nov. 21	Nov. 4
Mid East	Dec. 2	Dec. 3	Nov. 7	Oct. 31	Oct. 31
S.E. Asia	Nov. 28	Nov. 28	Nov. 10	Nov. 7	Nov. 23

(AFNS)

AFR 127-7 REQUIRES SEATBELTS BE WORN ON BASE.



News Briefs

Friday frocking

Military tradition defines "frocking" as the pinning on of a higher rank before the effective date of the promotion. Since the effective date of Capt. Thomas P. Walter's promotion was Saturday, Oct. 1, AWS Commander Col. George E. Chapman and Mrs. Cecilia Walters replaced the silver bars with oak leaves a day early.

Major Walters works in the AWS Directorate of Current Operations Central Support Division.

Officer's sweep double-header

AWS Headquarters, 7WW and USAFETAC enjoyed an afternoon out Sept. 30 at their annual picnic.

Highlight of the afternoon was a double-header softball game. The first game was Colonels-vs-Chiefs, and even though the chiefs had help from some Senior Master and Master Sergeants, the Colonels overwhelmed the Top Three 13-3 in an abbreviated game.

The second game of the day was officer-vs-enlisted. Hard hit grounders, long fly balls and a tight defensive infield by the officers led them to a 13-2 victory over the NCOs.

Tennis champion at Det 14

Capt. Cory R. Chadwick, Commander Det 14, 7WS and MSgt. Alvin Soto, 7575th Ops Group, Rhein-Main AB, FRG recently won the Continental Sports Conference sponsored Senior's Doubles Tennis competition at the Armed Forces Recreation Center, Garmisch FRG.

Captain Chadwick and Sergeant Soto defeated teams from Air Force bases throughout Germany.



\$352,757 grant to O.U. Meteorologists

NORMAN, Okla. — A \$352,757 research grant, the largest in the school's history, has been awarded by the National Science Foundation to two professors in the University of Oklahoma School of Meteorology.

The two-year grant was awarded to Professor Doug Lilly, Associate Professor Tzvi Gal-Chen, and three other researchers at the National Center for Atmospheric Research and the National Oceanic and Atmospheric Association's Wave Propulsion Laboratory in Boulder, Colo. Their project, "Phoenix Reborn," will more completely define the structure of the earth's boundary layer — the lowest portion of the atmosphere, where people and most terrestrial life reside extends from the planet's surface up to about one mile.

The research plan anticipates a very detailed study of the dynamical structure of the boundary layer and is expected to give scientists a better understanding of the subtle dynamics that affect weather development and air quality. Findings from the research may have eventual applications to pollution control, forecasting severe weather and understanding the dynamics of weather in general.

The team will use Doppler radars in Colorado to measure and observe the earth's boundary layer. It is the only

part of the atmosphere with a strong daily temperature cycle, which often changes 10 to 20 degrees from day to night, whereas higher atmospheric layers rarely vary more than two degrees.

The boundary layer over land evolves during the day, increasing in height as the temperature rises. Learning more about its structure, how it changes, and how temperature and air motion may affect that change is likely to help in weather forecasting and environmental protection.

"We see this as a prototype experiment," Lilly said. "If it is successful, we expect it to be duplicated often for studies of air pollution and more complex weather situations."

"What we will be doing is somewhat unique because we will use Doppler radar as the principal observational device to define the properties of the boundary layer over a fairly large area," Lilly explained. Using these measurements, the team will use analysis techniques to determine, among other things, the temperature in the sample volume, a property which is not directly measured by the radar. An airplane will fly through portions of the area to take actual temperature measurements to see if the researchers' analysis agrees with what is really there.