

Your Magazine for Air Force Weather
OBSERVER

November 1996

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30th Weather Squadron

**World's Most Respected
Weather Professionals
Enhancing American
Spacepower Through
Expertise And Teamwork**

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People Our Best Asset

Optimizing Our Wartime Capabilities To The Fullest



by Brig. Gen. Fred Lewis
Air Force Director of Weather

I'm working on this article as I return from visiting Air Force Weather (AFW) people deployed to Hungary and Bosnia — and what a great visit it was!

I didn't get to meet and talk to everyone deployed, but between Tazar and Tuzla, I was able to visit with many of our deployed "weather warriors." I was very proud to have had the opportunity to visit with these warriors and look forward to visiting others of you who are in Turkey, the Middle East, Central and South America, and Korea.

My message to all AFW people, whether deployed or not, is simple: I proudly salute each of you for your warrior spirit and the weather support you provide day-in and day-out.

As I travel around, one point always comes through loud and clear — we have outstanding people in Air Force Weather. Our people are our very best asset. They have every right to stand tall, proud of what they are doing for our nation, the Department of Defense, the Air Force, the Army, or other important customers.

Another resounding point also comes through; we must take every opportunity to optimize our organization, training, and equipment for war. We have to approach each so that the transition from peace to war is seamless — and easy — for our people. So how do we approach this refocus of our organization, training, and acquisition?

We need a change in our philosophy. My visit to Operation JOINT ENDEAVOR convinced me that we must adopt a strategy that ensures each process results in improved wartime capability in Air Force Weather. We must actively assimilate simpler, government- and commercial-off-the-shelf (GOTS/COTS) systems that yield a system that consists of compatible, loosely integrated software applications that our people can easily use in war, in garrison, and in some cases, in our centralized facilities.

We must use assured, DoD backbone communications that deliver critical weather data and information to your location, whether you are at home station or deployed anywhere in the world. These software and communications solutions are rapidly becoming the norm within the DoD, Air Force, and Army. AFW will rapidly capitalize on them to improve weather operations across the board — that's my commitment to each of you.

To realize this commitment, we must ask ourselves some simple questions about every program we have on the books or will propose:

- Will the proposed system result in an improved wartime capability?
- Is it usable at home station and at a deployed location anywhere in the world?
- If it passes those tests, then we'll move on to a few more questions. Is it small, like a laptop computer?
- Is it simple to use, like the German GOTS that we deployed to Operation JOINT ENDEAVOR? Is it off-the-shelf technology?
- Can it be integrated onto a single platform — small and simple?
- Can it be integrated into the customer's systems, like the special operations communities weather display system?

If a new system makes it through all of those issues, then we will most likely buy it, and field it so for use at both the home station and deployed location to minimize the training burden, and, most importantly, to minimize our peace to war transition.

When we field this new system, we will not expect you to take your only system when you deploy; we will buy you more than one, often several, so you can deploy with spares — that right, spares — while still operating the post/base weather station.

Right in line with the above, we just completed an Air Force Weather Func-

tional Review with our senior people (officers, civilians, enlisted, in the active duty, reserve, and guard).

The theme of our meeting was "Reengineering Air Force Weather." We began by outlining AFW strengths and weaknesses. We then outlined a high-level direction for our future, a direction that would keep the strengths and fix the weaknesses. The net result of these efforts — efforts that we will involve many as we move forward — will be an AFW Strategic Plan leading to improved weather operations capabilities and improved weather support for the warfighter.

The bottom line is this: throughout the last few months, we have been listening to you, we know you are asking for systems that are smaller, easily deployable, simpler, and integrated. Air Force Weather is committed to providing you just that. Further, we are listening as you tell us that we must be good at providing on-target weather information for our warfighters. We agree that we must provide accurate, timely, and most important, relevant weather information.

To realize our vision of being the warfighter's choice for weather information, our customers must come to expect that we have the "absolute best" information. Our goal must be fine scale, highly accurate information, provided when the warfighter needs it, before the warfighter makes the operational decision.

If we provide accurate information, but it gets there after our customer must commit resources, it is not relevant and may not even be useful information. That's why we have an Air Force Weather — to provide RELEVANT weather products tailored to our customers' missions.

See PEOPLE,
continued on Page 18

Plain Talk

'Our Challenges Get No Easier By Fooling Ourselves'



by Col. Joseph D. Dushan
Commander
Air Weather Service

GADZOOKS! I'm in a quandary; neatly perched atop the horns of a dilemma.

Well-meaning advisors tell me to "throttle back" when addressing Air Force Weather (AFW) people and issues. *"Just tell people what they want to hear and they'll be happier."*

My great friend Chief Master Sgt. John Schmidt at 7th Weather Squadron puts it another way: *"It is always very entertaining when you get fired up, but it sometimes spooks the herd."*

My predicament is that I believe it best to deal with reality as it is, and not as we'd wish it to be. The challenges facing AFW will get no easier by fooling ourselves. So, risking a stampepe, let me share some plain talk from my vantage point.

Weather Support Is Hard Work

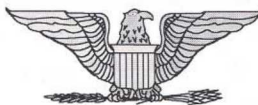
This bears repeating. Successful warfighter weather support (different than the science of meteorology) is far more than faster computers, better models, rapid access to satellite imagery, and user-friendly communications that fit in a match box.

Retired Gen. William Kirk, former Commander in Chief, U.S. Air Forces in Europe, used to say that technology had made us lazy, that our real measure of success was accurate weather support when the

bullets were flying and the computers wouldn't work. We can't produce to this standard if we excuse poor forecasts because of tools or equipment, or hang back in the five-ton truck endlessly waiting for ENDEX.

John Wooden, UCLA's basketball coach from 1964-75, said it best: *"Don't let what you cannot do interfere with what you CAN do."*

"Some ask me why I am so confident about the future, given all the challenges and hurdles we face. It is due to my enormous respect and confidence in AFW men and women."



Col. Joseph D. Dushan
Commander, Air Weather Service

The Air Force Promotion Process is a Pyramid, Not a Column

Tough competition is the name of the game and it will get no easier in the future. A fundamental truth is that you do not meet a selection board, your RECORD does.

Some officers recently complained that Squadron Officers School selections were made based on records, not seniority. Correct. To do otherwise would open selections to factors other than individual merit — a very slippery slope indeed. Learn to read and understand what your records really say

about your performance and potential. Demand honest and forthright feedback from supervisors and commanders. Find out how to improve areas that may be in need of polish. Then have the mental toughness and gumption to build a more competitive record.

Back to Basics CAN Work

Few base and/or post weather stations have the luxury of three officers, full manning, and ample time to train. Life is rarely ideal. But Back to Basics is an attitude.

Here's what the AFW StanEval Team found at McChord AFB, Wash.: *Senior Master Sgt. Paul Walsh's leadership, vision, and focus have the entire weather flight performing efficiently and enthusiastically.*

Master Sgt. John Galliano's extensive knowledge and determination are key to the success of this motivated weather flight. Sergeant Walsh has given ownership to individuals and provided guidance, training, and mentorship that is growing AFW's future leaders. Sergeant Galliano's operational sense and hands-on ability have program managers working as a "Power Team."

Staff Sgt. Shane Castle impressed the team with not only his technical competence, but also with the pride he demonstrates in the performance of his duties. Additionally, he is actively involved in mentoring the unit's weather apprentices.

See PLAIN TALK,
continued on Page 18

Anniversaries Abound

A Chance To Get Involved In The Celebrations

(Note from Chief Hoy: The following is an E-mail I received from retired Lt. Col. Calvert "Bill" Tazewell. I thought you might like to read it. I think you'll find it interesting, helping to understand how we got to where we are. It adds some information that follows up on last month's article about the Air Force's 50th Anniversary, Air Weather Service's 60th Anniversary, and Air Weather Association's 10th Anniversary.)

Looking at the pictures of Asheville and the Weather Forecaster's School in recent issues of the *OBSERVER* brought back many memories.

I was an "original member" of the Air Weather Service. I joined the Army Air Corps at Randolph Field, Texas, in July 1937, and was first a weather radio operator. There were no teletypes then — all weather was by radio. I have pictures inside the weather station at Randolph Field in the 1930s, which I will send to the *OBSERVER* for a possible story.

I do have some information

**by Chief Master Sgt. Jim Hoy
Air Force Weather
Superintendent of Weather**

about these days on-line — "One Man's Journey" at <http://www.infi.net/~cwt/one-man.txt>.

More information is at <http://www.infi.net/~cwt/he.html>. *(Editor's Note: Colonel Tazewell is the creator and webmaster of the Air Weather Association's homepage on the World Wide Web.)*

I went to Weather Forecaster's School at Wright-Patterson Field, Ohio, in 1940, before the school moved to Chanute AFB, Ill.. Upon graduation, I was promoted to staff sergeant.

In those days, enlisted weather forecasters were on flying status, and I had to get in my flying time. I logged more than 500 hours as an observer and radio operator. Later, I got a commercial multi-engine civilian pilot's license.

I frequently flew with then-Lieutenant Moorman (retired Lt. Gen. Thomas S. Moorman, Sr., a past commander of Air



Weather Service and father of the

current Vice Chief of Staff of the Air Force Gen. Thomas S. Moorman, Jr.), usually in two-seat trainers. In March 1939, we went to the San Francisco World's Fair in BT-9 #323. It took 13 hours, 10 minutes flying time to get to Hamilton Field and 12 hours, 40 minutes to get back. I helped by flying nine hours and 25 minutes.

I also "caught a hop" to the New York World's Fair. I went to the Carnival (Mardi Gras) in Belem, Brazil in 1942. I rode in a B-4A Keystone biplane bomber.

I was in the Weather Directorate in the Maritime Building at Washington, D.C., before completion of the Pentagon, and at Gravelly Point and Andrews Field later.

I was assigned to Asheville, N.C., when the HQ AWS was located there. I'll also fix up a story about our work at Waller Field, Trinidad,

in 1942.

I was an original member of the U.S. Air Force, also, and was transferred from the Regular Army to the Regular Air Force when the USAF was formed.

But, we need to get more news about the AWA and AWS on-line



AWS 60th
USAF 50th
AWA 10th

**See ANNIVERSARIES,
continued on Page 18**

'New Kid On The Block'

New Roles And Responsibilities

One of the great things about being the "new kid on the block" is meeting the people associated with your new assignment.

This has been the case with my assignment to Headquarters Air Weather Service, Communications and Information Management Directorate, Mission Systems Division.

For those of you who have not met me, I am Chief Master Sgt. Rick "Moe" Monette, a communications-computer systems controller by trade. Since my arrival, I have had the pleasure of visiting with many of you assigned at Offutt AFB, Neb.; Tinker AFB, Okla.; and Scott AFB, Ill.

Aside from the usual grip-and-grin fanfare, I have heard many concerns. I'll address two of those in this article. Though I have not had the opportunity to visit all facilities, many of these are issues to all of Air Force Weather. Look closely and you may just see yourself or your friend in one of these positions.

In the Limelight

One concern is that some personnel feel they are being treated like the proverbial "mushroom." To a greater degree, they feel their specific functions in the Air Weather Service are less important than others assigned to the service.

Well, let me tell you this Chief's point of view on the matter: Anyone who thinks that his or her job is "more important" needs to make an appointment with the local witch-doctor to have a little acupuncture done on their inflated egos.

by Chief Master Sgt. Rick Monette
Superintendent
Mission Systems Division
HQ Air Weather Service

In reality, everyone plays a vital role in today's Air Force. It's not a matter of importance but a matter of who is currently in the limelight. Let me draw an analogy by using a small fishing vessel as an example.

The captain who is piloting the vessel through high waves and dense fog is playing a vital role, with the limelight and the eyes of his crew focused on him. But, let the vessel hit a rock and start taking on water, the limelight shifts to the lone sailor with a bucket in his hand bailing water.

"In reality, everyone plays a vital role in today's Air Force. It's not a matter of importance but a matter of who is currently in the limelight."

Chief Master Sgt. Rick Monette
Superintendent
Mission Systems Division, HQ AWS

In this scenario, each of the individuals is in vital positions. Even during calm seas, their positions are vital as they must remain prepared and proficient at their respective jobs. The bottom line is they each have very important jobs to accomplish!

It doesn't take a rocket scientist to see how our roles in today's Air Force affects the objectives of reaching mission accomplishment.

From the lone airman guarding aircraft on the flightline, to the general commanding a flying wing, we all have important positions, none of which are more important than the other. It's just



a matter of who is in the limelight.

Career Paths

Some senior NCOs are concerned about their duty positions and how it may effect their competitive edge when the promotion board reviews promotion records. Specifically, concerns center around E-7s currently assigned to E-6 billets, or an E-8 in an E-7 billet. These are valid concerns. I queried several senior enlisted advisors, and some fellow chiefs, including one who just returned from the Air Force Personnel Center after participating as a member of a supplemental board for promotion for both E-8 and E-9.

I asked each individual how they felt the duty Air Force Specialty Code (DAFSC)/duty title played in scoring individual records. The overall view was that it "could" play a role, however it would be almost insignificant. In other words, your duty title and DAFSC carry little weight with the board. They have their sights set on more important items in your record.

A more significant item of concern is your duty description. The duty description tells the board what you have signed up to do. It indicates the level of responsibility, be it squadron, wing, or headquarters, and what you are asked to do.

Are you being asked to run an element with 74 personnel assigned to support a flying mission? Or are you in a one deep position directing visitors from a customer service desk?

After the promotion board has a feel for what you have signed up to

See CONCERNS,
continued on Page 19

The Assignment Process

New AWS Personnel Chief Explains Procedures

As you may have noticed, Maj. John Murphy has left for Air Command and Staff College. As his successor, I'll tell you a little bit about myself.

In my first assignment, I was a wing weather officer (WVO), providing weather support to A-10s at Myrtle Beach AFB, S.C., which has since closed. As many of you know first hand, being a WVO is probably one of the best jobs in Air Force Weather!

Next, I moved to Ramstein AB, Germany, and served as an operations officer on the 2nd Weather Wing staff, then moved on to the officer-in-charge of the U.S. Air Forces in Europe Weather Support Unit. These were challenging and exciting days in Europe watching the Cold War end and the Berlin Wall fall.

I then moved to almost the other side of the world to pursue an Air Force Institute of Technology degree in tropical meteorology at the University of Hawaii.

Afterwards, I served as a weather programs officer and then as a branch chief on the Pacific Air Forces staff. Contrary to popular opinion, there is more to Hawaiian weather than "windward and mauka showers," although that is a well-used phrase there!

Finally, I moved to Air Weather Service where I was the Airfield Weather Systems Branch Chief and currently the Chief of Personnel.

Now I'll pick up where Major Murphy left off and continue to provide information pertinent to Air Force Weather officers. Since my arrival, I have received several questions and phone calls about assignments and how the assignment process works. The September 1996 Officer Talk article dis-

by Maj. Cecilia M. Grindinger
Air Weather Service
Chief of Personnel

cussed recent improvements to the officer assignment system. To expand on this, let's discuss how the assignment process works in the Air Force and Air Force Weather.

First, you must normally meet time-on-station (TOS) requirements to be considered eligible to volunteer for an assignment — but there are exceptions. For CONUS-to-CONUS moves, you must have three years TOS prior to reporting for your next assignment.

"Your first official warning that you are vulnerable for an involuntary assignment is an 'alert' notice approximately nine months prior to being eligible."

**Maj. Cecilia M. Grindinger
Chief of Personnel
Air Weather Service**



For CONUS-to-overseas assignments, you must have two years TOS. AFI 36-2110 governs moves from overseas and between overseas locations, according to the Department of Defense-prescribed country tour lengths. Also, you must have sufficient retainability (detailed in AFI 36-2110), or be able to obtain the period of retainability needed, to serve in a prospective assignment.

Your first official warning that you are vulnerable for an involuntary assignment is an "alert" notice approximately nine months prior to being eligible (as detailed above). Your commander will also receive a corresponding notice. This is the time to become proactively involved in deter-



mining your next assignment.

So, what is your role in the assignment process?

■ First and foremost, take responsibility for your career goals and excel in your present job. A wise colonel once told me to always try to make a measurable difference wherever you are assigned.

■ Secondly, discuss your career objectives and assignment opportunities with your supervisor and commander. If you are at a weather flight, consider calling your MAJCOM DOW or another senior weather officer for career counseling. Take advantage of the our seasoned Air Force Weather leaders' experience — they have an invaluable wealth of knowledge and can help mold your career path and progression. There are written tools available: Officer Professional Development (AFPAM 36-2630), and the Officer Career Path Guides that should be available within your section or at your MPF. Also, ensure you keep in contact with your MAJCOM assignment team and particularly Capt. Tim Hutchison (DSN 487-4768, E-mail: HutchisT@hq.afpc.af.mil) at AFPC —

they can provide excellent counsel.

■ Finally, review "WANTADS" on the AFPC homepage (<http://www.afpc.af.mil/>) or Daedalus, and volunteer for openings that support your desired career path. The "WANTADS" are updated every week by Friday afternoon. If you see a job that looks interesting and want more information, contact the listed POCs. By the way, you can volunteer for multiple openings, and are encouraged to do so, especially if you are in a mandatory move status. If you volunteer for multiple openings,

**See ASSIGNMENTS,
continued on Page 18**

Symbols Of Courage

AWS People Recognized For Sacrifices



by Ms. Lil Wilbur
Air Weather Service
Chief of History

The people of Air Weather Service have a long-standing tradition of being in the thick of things during wars and contingencies, providing support in every way possible. Time after time they have been recognized for those sacrifices, receiving decorations such as the Distinguished Flying Cross, Air Medal, Bronze Star Medal and the Purple Heart.

On Oct. 3, 1996, a Purple Heart ceremony took place on the parade grounds of Scott AFB, Ill. One of the four airmen receiving that medal was Capt. Joseph Piasecki of Headquarters Air Weather Service. The Purple Heart was bestowed upon the captain for injuries

sustained in the June 25, 1996 terrorist bombing of the Khobar Towers in Saudi Arabia where he was serving in support of Operation Southern Watch.

"The Purple Heart was initially intended as a 'high decoration for valor' not as a medal given for wounds received in battle."



Ms. Lil Wilbur
Air Weather Service Chief of History

In a recent issue of the *OBSERVER*, we highlighted the bravery of a young

lieutenant named Robert Shaw. When the 81st Infantry Division captured Angaur, a small island in the Palau Islands chain, a 12-man weather detachment set up near the airstrip to support the B-24s using that runway.

While *organized* resistance had ended, some fighting still continued.

Word came down to the detachment commander, Capt. Charles D. Griffith, that several Japanese soldiers were still engaged in combat and one soldier had broken through our defenses.

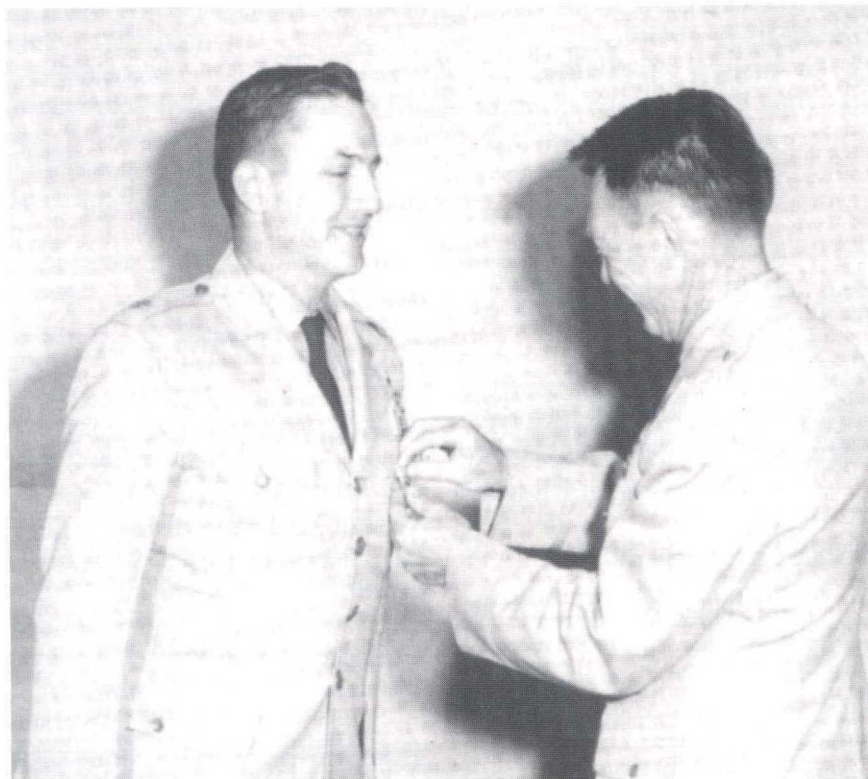
Shaw, a member of that detachment, fought with this soldier who was carrying not only a gun but a grenade as well. The grenade went off killing Shaw and wounding another lieutenant and eight enlisted weathermen. All received Purple Hearts the next day.

The gentleman who is believed to be the most decorated weatherman in Air Weather Service is Capt. Leon Grisham. (see photo to left) He was an AWS pilot and staff weather officer who flew 41 combat missions and shot down three Me-109s during World War II. On that fateful 41st mission he was shot down and became a Prisoner Of War for the duration.

In addition, he became the first weather officer in Fifth Air Force to complete 100 combat missions in the F-80 Shooting Star during Korea. For his gallantry, valor, and heroism, he received 3 Distinguished Flying Crosses, 13 Air Medals, a Bronze Star Medal, and 2 Purple Hearts.

He stayed in the weather field and rose to the rank of colonel, becoming commander of the 55th Weather Reconnaissance Squadron prior to his retirement.

Capt. Thomas E. Taylor was a weather officer for the 5th Weather Squadron working in support of Army Operations for Maj. Gen. John J. Tolson III, Commander of the 1st Cavalry Division.



Lt. Col. Leon M. Grisham (left) receives a medal from Air Weather Service Commander Brig. Gen. Norman L. Peterson in 1960.



Capt. Thomas E. Taylor

On more than one occasion, he and his men had to rebuild the tents that made up their complex that were destroyed by mortar and rocket attacks.

In September 1968, he and his observer, were wounded by shrapnel in a rocket attack on Camp Evans. Taylor received the Purple Heart for his injuries. He received an Air Medal from the Army for contributions he made while serving as General Tolson's staff weather officer, and a Bronze Star Medal for his efforts during the A Shau Valley campaign.

The Purple Heart, first instituted as the "Badge of Military Merit," was established by General George Washington Aug. 7, 1782. This decoration was initially intended as a "high decoration for valor," not as a medal given for wounds received in battle, as we think of it today.

In fact, the first three recipients of the "Badge" were not injured, but, instead went on perilous missions of extreme danger where the prospect of getting out alive was bleak.

Those men, Elijah Churchill, William Brown, and Daniel Bissell, all were awarded the Badge of Military Merit in 1783. Later on, the medal fell into disuse and was not brought back until

Washington's birthday in 1932 when the War Department reestablished the Purple Heart Medal.

For the next 10 years the Army was the only service awarding this honor. In December 1942, President Franklin D. Roosevelt "extended the Purple Heart to members of the Navy, Marine Corps, and Coast Guard and made it retroactive to December 6, 1941."

When Air Weather Service Commander Col. Joseph D. Dushan participated in

the Purple Heart Ceremony Oct. 3, he expressed that the "conduct, professionalism, valor, and patriotism displayed...clearly met George Washington's standard....As we consider their sacrifice, valor, and fidelity to freedom, the words of Robert E. Lee should echo in our minds and hearts: 'Duty is the most sublime word in our language. We could never hope to do more. We should never wish to do less.'"

This information is brought to you by your Air Weather Service History Office. Materials used come from various sources including AWS historians past and present.

If you have stories, artifacts, old emblems, photos, etc., contact Ms. Wilbur by E-mail at "wilburl@hqaws.safb.af.mil" or call (618) 256-5654, ext.258; or DSN 576-5654, ext. 258.



Capt. Thomas E. Taylor was a weather officer for the 5th Weather Squadron working in support of Army Operations for Maj. Gen. John J. Tolson III, Commander of the 1st Cavalry Division.

Integrated Weather Effects Decision Aid

A Transitional Study for Future Weather Operations



The Air Force Combat Weather Center (AFCWC) conducted an operational demonstration (OD) of the Integrated Weather Effects Decision Aid (IWEDA) software at Hurlburt Field, Fla., this past summer.

This demonstration was performed in conjunction with the Army Research Laboratory, Information Science and Technology Directorate, and the Air Force Special Operations Command.

The demonstration was part of a transition study to illustrate the operational effectiveness and suitability of IWEDA for Air Force applications by incorporating 13 Air Force aircraft and eight weapon systems/operational functions.

First developed for Army support, IWEDA is a knowledge-based system for command and control visualization of the impacts of weather on weapon systems and precision guided munitions for the warfighter.

It produces weather effects (red, yellow, green) decision matrices for mission planning and tactical decisions based on mission, system and sub-system critical weather thresholds, and real world weather forecasts over the battlefield Area of Operations (AO).

The weather effects matrices display impacts over pre-determined time blocks for the areas of interest. Detailed explanations as to why conditions are "marginal" or "no-go" may be called up from the Microsoft Windows v3.1 based menus.

The IWEDA Transition Study OD simulates the use of the IWEDA pro-

by **Gene Barnes**
Joint Development Coordinator
Air Force Combat Weather Center

gram in both garrison (base weather station) and tactical environments. Forecasters input current and forecast 4 di-

"First developed for Army support, IWEDA is a knowledge-based system for command and control visualization of the impacts of weather on weapon systems and precision guided munitions for the warfighter."



Gene Barnes
Joint Development Coordinator
Air Force Combat Weather Center

mensional (x, y, z, t) weather data for the AO. Terrain, and geographic parameters can also be represented. IWEDA then generates decision matrices for the mission and weapon systems of choice.

The menus provide vertical connectivity for tracing weather impacts from the mission level down to system, sub-system, and component levels. The objects of the testing are the operational friendliness of the menu-driven software, practicality of forecast input for the areas and times of interest, and suitability of products for supporting AF customers.

The recommendations from the transition study will form the basis for an AWS decision to use IWEDA at base weather stations, for tactical deployments, and future development. The DOS-based AF IWEDA will be suitable for running on the Tactical Forecast System (TFS) using the TFS DOS emulator.

With successful demonstrations and testing, additional AF systems may be added to IWEDA. A totally automated UNIX-based IWEDA with its digital map backgrounds could be included on the future Forecast System XXI.

22/02L-22/06L

| SYSTEMS | REGION | | |
|---------|--------|-------|-------|
| | A | B | C |
| *A-10 | Red | Red | Green |
| F-15E | Green | Green | Green |
| *F-16 | Red | Red | Green |
| F-111G | Green | Green | Green |
| F-4G | Green | Green | Green |

F-16: Marginal w/intermittent Favorable conditions in Region C
 Marginal impact on F-16 Capability due to a prevailing forecast value of Visibility = 4800 meters. An increase in Visibility to 8000 meters will result in a favorable condition. Visibility < 5 miles (8000 meters) degrades the aircraft navigational and terrain avoidance capability which reduces the time available to acquire and identify targets.
 Marginal Borderline impact on F-16 Capability due to a prevailing forecast

A typical IWEDA screen.

AWDS Technical Support

Serving Air Force Weather Units Worldwide



Many of you know of the Automated Weather Distribution System's (AWDS) Technical Support services and use them on a regular basis.

We're currently on a pace to receive more than 14,000 support requests this calendar year. This equates to a potential savings of nearly \$2 million, the cost of contractor-provided service.

Even with the volume of calls for AWDS technical support, we treat each call individually with the goal of providing fast, reliable customer service with every field contact.

AWDS Technical Support is comprised of two main functions: the AWDS Technical Support Cell and AWDS Software Testing. Results of new software testing are fed to technical support; field-

**by Capt. John Dreher and
Master Sgt. Charles Williams
AWDS Technical Support**

reported software problems are referred to software testing with results fed back to technical support.

There's also daily — if not hourly — information sharing between the two functions, especially near/during software upgrades. This helps to lower support request response time.

Technical Support Cell

An AWDS Remote System Analyst (ARSA) is one phone call away, 24 hours per day, ready to respond to your support request. They're weather personnel with operational AWDS experience as observers, forecasters, and AWDS system managers. They understand your weather

support priorities.

The ARSAs are trained to rapidly isolate and fix AWDS problems and to provide AWDS-related information.

If they can't resolve the problem, it's referred to another agency (local communications squadron, DISN, AWN, etc.) or logged out with GTE.

All support requests are documented in a database and kept in "monitor", "open", or "closed" status. It is "closed" if logged out to GTE and becomes solely GTE's responsibility.

However, if you are dissatisfied with GTE support, call us and we'll notify SM-ALC and/or AWS. You can reach our ARSA at DSN (312) 271-7770, commercial (402) 294-7770.

Our support request database contains every field call since Jan. 1, 1996. It allows the ARSAs to efficiently track ongoing problems, is given to AWDS instructors at Keesler AFB (Miss.) monthly to focus training, and provides AWDS program managers valuable information for decision-making.

Upon request, we can provide a site-specific spreadsheet with every call we've received from your site. This service can be of value to your AWDS system manager, training NCO, and weather station management.

Please remember — the ARSAs will ask troubleshooting questions in order to help isolate your problem. The more information you can provide us, the quicker we will find a solution.

We often must "dial-in" to your system using the maintenance or WorldBlazer modem on your system to gather troubleshooting information and/or make repairs.


We also use the modems to perform



FCUS00 KGWC VT: 07/1400Z - 07/2200Z
DTG: 07/1000Z WEAVER

A low-level turbulence forecast chart -- a typical AWDS product.

**See AWDS,
continued on Page 19**



Located on the central coast of California is Vandenberg AFB — home to the 30th Space Wing and Headquarters, 14th Air Force — and the second largest land range in the United States. Vandenberg AFB spreads out over 98,000 acres, including 37 miles of coastline, and rugged California coastal terrain ranging from sea-level to 2,200 feet.

by 1st Lt. Michael Mills
30th Weather Squadron
Vandenberg AFB, Calif.

30TH WEATHER SQUADRON

The 30th Weather Squadron's mission is to provide the full range of operational and staff weather support to the base's spacelift, ballistic missile launches, and aeronautical operations.

Since 1959, Vandenberg AFB and the Western Range have actively launched satellites and conducted operational testing of the U.S. ballistic missiles. Today, Vandenberg is home to many unique features. It is the only U.S. location for launches into polar-orbits (DMSP and NOAA weather satellites), the only location for land-based ICBM launches, the only Air Force base to conduct the first commercial launches of the Pegasus XL booster, Lockheed Martin Launch Vehicle, and the anticipated first launch of the Motorola Iridium constellation this November.

The 30th WS is an operational squadron, commanded by a lieutenant colonel, and composed of eight officers, 21 enlisted forecasters and observers, and four civilians, and directly oversees the daily operations of more than 20 contractors. It is organized in two divisions: Operations (DO) and Systems (SY).

The DO division is responsible for all launch weather support and the day-to-day weather support for the base and the Western Range.

The first flight within DO, Range Weather Operations, has the mission-



ready Launch Weather Officers (LWOs) and enlisted upper air observers in the rawinsonde division. The LWO is the focal point for all weather issues related to launch. They are responsible for organizing and coordinating with the Base and launch agencies to determine the complete weather support for every launch operation. The upper air observers release balloons for launch support. We are one of the few Air Force locations that release daily synoptic balloons, twice a day, 365 days a year, for the National Weather Service and DOD weather models.

The second flight, Base Weather Operations, is responsible for the daily airfield observations, forecasts, and meteorological watch (metwatch) for more than \$3.3 billion in resources. The squadron's senior NCO leads this flight,

composed of forecasters and airfield observers.

The third flight, Operations Support, runs the Squadron's initial and recurring training programs for airfield observing, upper air observing, weather forecasting, and the mission ready LWO positions.

The SY section focuses on weather systems support and technical studies to support operations. SY plays an integral role in the squadrons daily operations managing all Air Force and contractor efforts to sustain and modernize more than \$6 million of weather systems and instrumentation.

The first SY flight, Systems Plans and Requirements, provides climatological and meteorological scientific services to Western Range customers and other DOD agencies. It also identifies range weather support requirements and provides the technical user interface into the development of weather data sensing/processing systems to meet current and future needs.

The second flight, Systems Support, is the squadron contracts monitor which oversees contractor performance in support of Western Range-procured weather equipment. Keeping one of the most advanced weather stations in the world operational, and staying current in the latest technology changes, makes SY a very exciting and busy division.

The 30th WS is one of the most advanced operational weather stations



Photo by Staff Sgt. Yearyeen-Siers

1st Lt. (now Capt.) Tamara L. Parsons and 1st Lt. Michael J. Mills evaluate weather constraints during a launch operation in the Western Range Control Center.

in the world. Its extensive weather systems and instrumentation are widely distributed across Vandenberg and measure the atmosphere from surface to 100,000 feet.

Surface Observing

The Vandenberg AFB airfield is more than 15,000 feet long and is fully instrumented to support landings and takeoffs under Instrument Flight Rules. Additionally, we have Automated Surface Observing Systems (ASOS) located at three different locations on Vandenberg AFB.

Weather Displays and Processors

The 30th WS has AWDS with 28 remote ATC and FCF/FO terminals. We also use the University of Wisconsin McIDAS System to ingest and display the 24 local wind towers, support our CCTV system, and as backup for the AWDS meteorological displays. Finally, we use a local processor to calculate toxic hazard corridors using wind fields derived from our wind towers.

Boundary Layer Observations

We have 24 wind towers with 152 sensors (capable of providing temperature, dew point, wind speed and wind direction) spread across Vandenberg AFB. Also, we have four Doppler Acoustic Sounding Systems (DASS) which provides wind speed and direction from surface to approximately 3,000 feet. This winter, mobile 915 MHz boundary level profilers will replace the DASSs.

Upper Atmosphere Observations

The 30th WS operates three separate rawinsonde systems, with two located on Vandenberg AFB and one at Pillar Point AFS near San Francisco. Additionally, we have a 404 MHz Doppler wind profiler that is part of the National Profiler Network. The 404 MHz profiler will upgrade this winter to a new 449 MHz profiler enabling us to conduct simultaneous profiler and rawinsonde operations.

Severe Weather Protection

The 30th WS operates a NEXRAD weather radar including both display terminal and the radar antenna. Also, we have a lightning detection system with four detection sensors located on or near Vandenberg AFB.

Weather Satellite Imagery

We use a combination of the high-resolution imagery from GOES 9 displayed on the McIDAS system, Harris looper showing the GOES 9 WEFAX broadcasts, and direct receipt of the DMSP/TIROS broadcasts system. METSAT imagery is essential to our forecasts when you consider our entire upstream area is the eastern Pacific Ocean.

The 30th WS earns its bread and butter with the weather support provided during launch preparation, execution, and post-launch recovery operations. During the launch preparation phase, weather support is provided by daily briefings and metwatch of different weather conditions as the launch vehicle is stacked, mated,

OBSERVER

and prepared for launch.

The final coordination for a launch operation starts roughly at launch minus 30 days, and continues right up to liftoff. On the day of launch, the wide range of different responsibilities throughout the squadron comes together to make up the launch weather team (LWT). The LWT consists of two launch weather officers, the range weather forecaster, surface and upper air observers (Vandenberg AFB and Pillar Point AFS), and the rocket exhaust effluent dissipation model (REEDM) forecaster.

The LWOs primary responsibilities are to coordinate the activities of the LWT, interface with various agencies involved with the launch over the countdown net, and evaluate the weather conditions to ensure it's safe to launch. The weather conditions evaluated are called Launch Commit Criteria, a set of constraints established to avoid natural lightning and triggered lightning conditions, unsafe wind speeds or direction, and even unacceptable solar conditions.

Once all constraints are acceptable for launch, the LWO will then recommend a "GO" for launch. The LWO is one of only four agencies of the overall launch team authorized to stop a launch at any time if weather is violating the specified constraints required for a safe and successful launch. Historically, bad weather has canceled or held approximately half of all Vandenberg launches.

Each launch at Vandenberg requires balloon data to detect wind shear and areas of

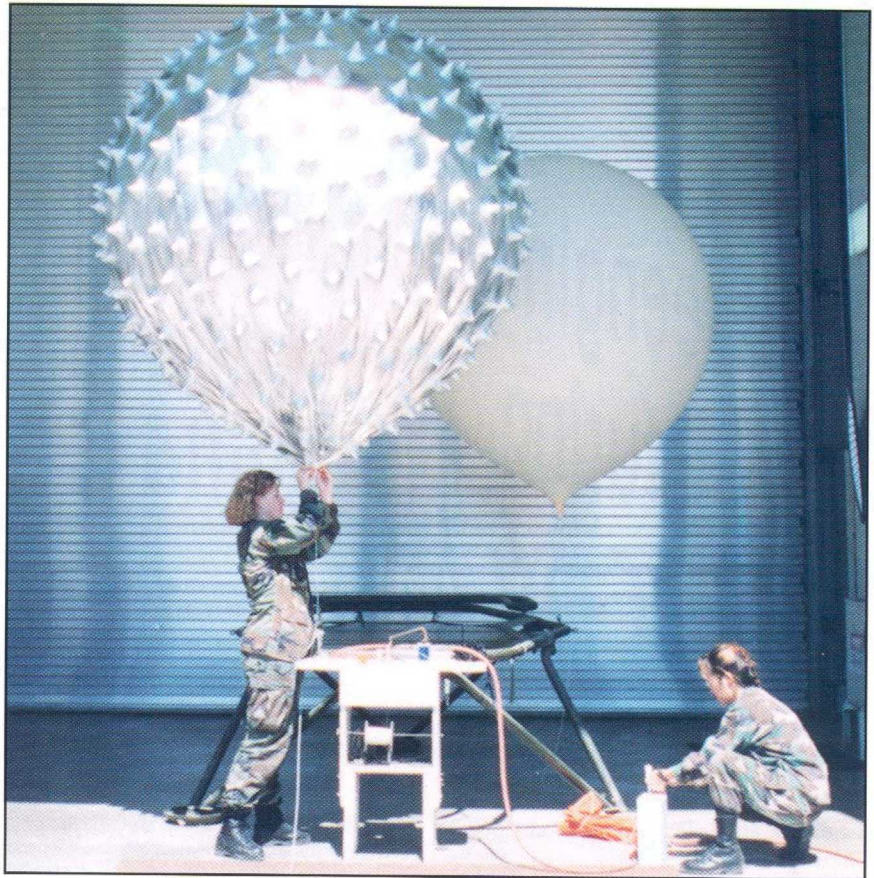


Photo by 1st Lt. Michael Mills

Airman Candie R. Fuson (left) and Airman 1st Class Kathy L. Lucia prepare a Jimsphere (left) and windsonde for a launch operation.

maximum winds, and to plot local toxic dispersion corridors in case of a catastrophic abort. This data comes from the rawinsonde observers using either a rawinsonde balloon or Jimsphere, depending upon the launch operation. These launches can get very hectic, and with launch windows measured in minutes, a failure to meet the schedule could scrub the launch for the day and cost hundreds of thousands of dollars.

The Range Weather Forecaster and REEDM forecaster provide the essential forecasts needed for successful launches. The range forecaster metwatches the entire California coast and inland, ensuring any mission-stopping weather is forecast well in advance of it occurring. The REEDM forecaster uses the boundary layer and upper air data to provide forecasts of wind speed/direction and humidity from

surface to 10,000 feet for the toxic dispersion forecasts.

Also, the launch pads are not the only launch sites from Vandenberg AFB — the Orbital Sciences Pegasus booster is carried aloft on a modified L-1011 from the airfield and dropped in a launch "box" at 39,000 feet about 40 nautical miles west of Monterey, Calif. Airfield forecasts and observations are crucial to a successful takeoff and recovery especially during Vandenberg's foggy season, which is all year long.

Nearly every major launch vehicle in the United States inventory, as well as the commercial sector, is launched from the Western Range: Titan IV, Titan II, Delta II, Pegasus-XL, Taurus, Lockheed Martin Launch Vehicle, Multi-Service Launch System, Peacekeeper, and the Minuteman III.

Between our numerous launch vehicles, our varied equipment, and our wide range of duty positions, we have plenty to appeal to everyone. If you're interested in joining our team, and ready to step up to the challenge, give us a call.



Photo by Senior Airman Ray Ramon

Staff Sgt. Scott J. Bradley (left) and Senior Airman Donald W. Smith provide weather support to the Western Range.



The Reengineering, Reinvention, Reorganization, Restructuring, Replacement, and Relocation of AFCCC to Asheville, North Carolina

Riding The Roller Coaster of Change

The orders are clear: cut manpower in half, replace all computer systems, add a new mission, replace all communications circuits, add new product delivery avenues, change the entire way of doing business — and do it all in a new place with new people.

Like a giant roller coaster ride at your favorite amusement theme park, the Air Force Combat Climatology is perched at the brink of the first hill. The steady movement of the last two years of AFCCC planning and relocation planning are about to be replaced by the collective gasp of everyone concerned as the unit plunges into the execution of its best laid plans.

New Sun workstations are being delivered to Scott AFB, Ill., and Asheville, N.C. Transition planning for the consolidation of operations to Asheville is being finalized based on projected future deliveries and the incorporation of "real-time point analysis" at Asheville. AFCCC programmers are porting code to Sun Solaris and Oracle as fast as they can and the AFCCC unclassified mainframe computer is being replaced following an in-house plan, using in-

**by Capt. Richard Mueller
Chief, Reengineering Plans
and Programs**

house resources. The queasiness being felt is not from the incredible G-forces being experienced, but probably the 45 percent manning reduction to be realized by 1999.

The reengineering of AFCCC begins with a new concept of operations (CONOPS) — one that accomplishes an expanding mission with shrinking resources. The concept is simple, in order to meet warfighter requirements for timely, quality products, AFCCC must automate many of its daily processes, and eliminate redundancies. Therefore, this ride will be computer-controlled and there will be only one braking system.

The CONOPS takes the current AFCCC organizational structure of five divisions and 15 branches in two locations, and streamlines it to four divisions and seven branches in one location. The key to this streamlining will be the formation of production teams within the Operations Division.

Teams will be responsible for all

product generation; computer specialists and weather technicians will be working side-by-side. State-of-the-art computer workstations will allow on-the-fly product generation and delivery, permitting analysts to fulfill many support assistance requests right over the phone. In addition, AFCCC's newly created World Wide Web home page will deliver hundreds of products to the warfighter without any analyst intervention. A mirroring of the WWW products to classified platforms will allow command and control systems worldwide to access AFCCC at all security levels without waiting in line.

The replacement of the Global, ETAC, OL-A Network (GEON) will coincide with the delivery of new hardware and software and provide faster data flow between AFCCC and the METOC community. The production of real-time point analyses will depend on this long-haul communications network. A new high-speed TCP/IP communications line will be established

**See AFCCC,
continued on Page 19**

OBSERVATIONS FROM THE FIELD

AWS Weather Officer Receives Purple Heart

On Oct. 3, 1996, a Purple Heart ceremony took place on the parade grounds of Scott AFB, Ill. One of the four airmen receiving that medal was Capt. Joseph Piasecki of Headquarters Air Weather Service. The Purple Heart was bestowed upon the captain for injuries sustained in the June 25, 1996 terrorist bombing of the Khobar Towers in Saudi Arabia where he was serving in support of Operation Southern Watch.

In establishing the Badge of Military Merit on Aug. 7, 1782, Gen. George Washington directed that "whenever any singularly meritorious action is performed, the author of it may wear the figure of a heart in purple cloth over his left breast." This decoration was initially intended as a "high decoration for

valor," not as a medal given for wounds received in battle, as we think of it today.

When Air Weather Service Commander Col. Joseph D. Dushan participated in the Purple Heart Ceremony Oct. 3, he expressed that the "conduct, professionalism, valor, and patriotism displayed...clearly met George Washington's standard

"Today, we honor and celebrate their fidelity, performance and persistence to their mission and their comrades and to the nation," Colonel Dushan said. "As we consider their sacrifice, valor, and fidelity to freedom, the words of Robert E. Lee should echo in our minds and hearts: 'Duty is the sublime word in our language. I could never hope to do more. I should never wish to do less.' God Bless America."

When the Purple Heart was originated in 1782, it was given to enlisted men who performed bravely in combat. At that time, only three were ever issued. While the Purple Heart was never officially abolished, the badge was allowed to fall into disuse and was forgotten until 1932. It was revived by Chief of Staff of the Army Gen. Douglas MacArthur, out of respect to the memory and military achievements of General Washington.

During peacetime, the award is presented to personnel wounded or killed while part of a peacekeeping force or by terrorist action.



Photo by Staff Sgt. Steve Elliott

Capt. Joseph Piasecki after receiving the Purple Heart.

Changes In Doppler Radar

by Ed Ring
Weather Training Flight
Keesler AFB, Miss.

The WSR-88D Doppler radar has been around for several years now, and has proven to be an invaluable tool in detecting severe weather. Meteorologists and computer programmers at the National Weather Service's Operational Support Facility (OSF) in Norman, Okla., have been working to improve the system's capabilities.

The latest change is called Build 9.0. This change is a software release that changes the way the radar operates at the Radar Product Generator (RPG) and Principle User Processor (PUP).

"This software update gives forecasters more representative data to base their warning decisions on," said Staff Sgt. Larry McCoy, WSR-88D instructor. "The changes will also improve the information briefers give to their customers, whether they are a pilot or an Army commander."

These changes include new products, graphic table modifications, and application terminal modifications. There are a number of improvements over Build 8.0, including storm cell identification and tracking that points out individual severe storms to the operator. The new hail format gives a percentage for hail potential and it can compute hail size. Cell trends enable the radar to give a history on how the cell has changed. An important new briefing feature is the movable polar grid which allows the operator to center the grid in the area of interest.

Sergeant McCoy and Staff Sergeant Jay Moffitt have been working for several months on updating the entire WSR-88D curriculum for the Air Force weather schoolhouse.

Build 9.0 was installed in October and the students are trained on the updated software in the observing and forecasting course.

ANNIVERSARIES, *continued from Page 5*

— an “On-line Newsletter” on the AWA Page. Previews of the OBSERVER and information that won’t fit due to lack of space are a good place to start. But we need

more articles on current events in the Air Force, as well as history. At the suggestion of other AWA members, I will add a note to the AWA Internet Page about the triple anniversary in 1997: AWS, USAF and AWA.

It would help if we can find a couple of people to volunteer as

on-line news editors — one for AWA news and another for AWS news. We are “missing the boat” by not passing more news and history around. Sharing personal and professional experiences would increase the feeling of belonging by AWS and AWA people.

See PLAIN TALK, *continued from Page 4*

This is a thrilling example of solid leadership. Back to Basics “boobirds” should contact the McChord AFB weather flight for advice.

“The strength of the group is the strength of the leader. Leaders must have the confidence, the certainty, of professional preparation and per-

sonal conviction that the task can and will be done. If so, it will.”

Vince Lombardi said that. The McChord StanEval results validate that it is true. Congratulations!

Some ask me why I am so confident about the future, given all the challenges and hurdles we face. It is due to my enormous respect and confidence in AFW men and women.

Air Force Director of Weather

Brig. Gen. Fred Lewis and I see you in action and have tremendous pride in your accomplishments.

In fact, the bold new course General Lewis is charting is based on the solid accomplishments, dedication, determination, and spirit of the people on our functional team.

A herd of cattle easily spooked? I don’t believe it. You are a professional and disciplined team. You deserve plain talk.

ASSIGNMENTS, *continued from Page 7*

you must take the first firm, best-match assignment you receive.

Once selected as a best-match, Captain Hutchison will not consider you for any other openings, nor can you withdraw your volunteer status. Also, be sure to communicate your intentions to your commander prior to volunteering so he/she can plan in advance to fill your vacancy. It normally takes six months or more to get your replacement. Additionally, your commander is asked to provide a Commander’s Involvement Program recommendation on your qualifications for the particular job for which you are being considered.

It is imperative that you actively determine your next assignment to avoid an involuntary assignment. When there isn’t an eligible, qualified volunteer for a valid requirement, the AFPC assignment team will involuntarily select the most eligible, qualified officer.

You are eligible for involuntary reassignment:

Upon completion of 3 years TOS (if not on a controlled tour, or if

overseas with indefinite DEROS), or;

Upon completion of a minimum controlled tour with 3 years TOS, or;

Upon completion of a maximum controlled tour (mandatory move status), or;

Upon completion of an overseas tour in conjunction with DEROS (mandatory move status).

(Note: It is possible, in limited circumstances, for some members to be moved prior to three years TOS/tour completion. These moves will be affected by current waiver/exception policies (AFI 36-2110).)

In conclusion, be proactive in determining your career path and your next assignment. Be sure to seek wise counsel. Your supervisors, senior leaders and the AFPC assignments officer can provide tremendous insight to guide you in your Air Force career. Check the “WANTADS” weekly and volunteer early and often.

This column is written specifically to meet your needs and concerns. If you have specific career questions, or issues that you need addressed, contact me and I’ll either answer them in future columns or get back to you personally. Contact me by E-mail at “grindinc@hqaws.safb.af.mil” or DSN 576-4895, ext 344.

PEOPLE, *continued from Page 3*

In conclusion, let me make my themes perfectly clear:

(1) We have outstanding people within AFW. I am proud of all of you as you go into harms way with the warfighters. I stand proudly with your families as you serve our great nation.

(2) You will see a rapid change in our investment strategy to give you the

tools and training to go to war. We are rapidly heading toward an environment where our base/post weather stations and our centers to some extent, emulate the deployed environment.

Finally, to each of our deployed troops: I extend special thanks and the wish for a safe return to home and your families. I also thank each of you who remain behind in garrison since I know you must often provide the same support as always, but with fewer people to do it. THANKS to all — I’m proud of you!

CONCERNS,

continued from Page 6

do, they review the reverse side of your EPRs to see how well you have done your job.

Emphasis is being placed on what you did, who it affected, what the impact was to the mission and, what

your senior rater had to say about you. Are you "One of my best!" or are you "My best!" Bottom line? Your DAFSC and duty title play a very insignificant role in determining your board score.

So what does the board look for when scoring your records? Good question, but that will have to wait until another issue.

Future articles will focus on Communications-Computer career field changes, my perspective on career paths and promotions, and individual commitment and personal involvement.

Questions and comments can be addressed to me via E-mail at "monnettr@hqaws.safb.af.mil" or DSN 576-4731, ext. 224.

AWDS,

continued from Page 11

software installation checks after AWDS upgrades and advise your system manager whether to accept the upgrade or have the GTE representative re-accomplish. We have averted operational problems using this process.

Therefore, it's extremely important that your system has the proper phone connectivity to allow us to help. Specifically, you need a dedicated phone line for both the maintenance modem and the WorldBlazer modem.

AWDS Software Testing

We have two work center members

dedicated to software testing whose responsibilities include Operational Certification Testing of each software release and patch, testing field-reported software problems, and other testing as directed by AWS. They maintain a database of all AWDS software problems which are tracked from identification to fix.

Additionally, they develop and distribute AWDS Crossfeeds which provide operational use information; review all AWDS technical documents, such as positional handbooks and engineering change proposals; and participate in technical interchange meetings for AWDS software upgrades.

Our increased role in software testing has proven to be a huge success. Beginning with AWDS Version 3.1, we have

dedicated over 10,000 hours to AWDS testing and produced over 1,100 testing results documents.

Since then, there have been no "critical" problems identified in fielded software requiring a fix, which can cost the government hundreds of thousands of dollars. This also means AWDS units receive software that is "operationally fit", giving your unit the tools to provide reliable weather support to your customers. Our AWDS software testers are at DSN 271-4831.

If you have questions or comments about our services, contact Capt. John Dreher, DSN 271-5855, or by electronic mail at "dreherj@afgwc.offutt.af.mil"; or Master Sgt. Charles Williams, DSN 271-5854, E-mail at: "williamc@afgwc.offutt.af.mil".

AFCCC,

continued from Page 16

between Scott and Asheville during the transition of operations and the integration of new computer hardware. This line will allow advance operations teams to work at Asheville, just like they were working at Scott, thereby reducing the dependency of the move on the deliveries of new equipment. Communications in and out of Asheville will be the force that holds us to the rails of our roller coaster ride.

The most excitement will be had in the first cars. Occupying our front seats is an advance team of four individuals who will prepare the community of Asheville and Charleston AFB, S.C., for the imminent arrival of nearly 80 more military personnel. They will also oversee the building of a new Sensitive

Compartmented Information Facility (SCIF) in the Asheville Federal Building. The manpower positions are prepared to come on the books at Asheville in April 1997.

Three months later (July 1997), 22 additional military personnel will arrive at Asheville to form the integration team and advance operations teams. The integration team will complete the installation of all AFCCC software programs and aid the contractors in the establishment of the new computer network. At Asheville, the operations teams will begin building the capability of generating special weather impact products in support of the warfighter just like their counterparts at Scott. We expect a learning curve for these individuals comparable to the slope of the Matterhorn.

AFCCC Operational Test and Evaluation is scheduled to begin shortly

after the beginning of 1998. More manpower positions (and people) will be put in place in time to develop this testing. Real-time ASPAM is being ported by the AFCCC-R contractor from AFGWC to AFCCC Asheville.

When this porting is complete in 1998, the atmospheric slant path analysis model (ASPAM) mission will be transitioned from Scott to Asheville. By the end of 1998, the ride should be coming to a stop.

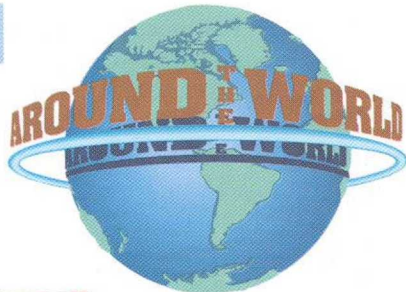
Just The FAX!

A reminder that the fax number for the Air Weather Service Public Affairs Office has changed.

Our number is now:

**DSN 576-5401, or
CMCL (618) 256-5401.**

Please indicate that the fax is for the *OBSERVER* magazine.



AIR FORCE MERITORIOUS SERVICE MEDAL

Lt. Col. Gary L. Sickler, Air Force Combat Weather Center, Hurlburt Field, Fla. (4th OLC)
 Tech. Sgt. Keith E. Daniels, HQ AMC TACC/WXC, Scott AFB, Ill. (1st OLC)
 Master Sgt. Deborah Williams-Mitchell, 46th Weather Squadron, Eglin AFB, Fla.
 Tech. Sgt. Paul Armitage, 46th WS, Eglin AFB, Fla.
 Lt. Col. Arthur C. Meade, HQ Air Force Global Weather Center, Offutt AFB, Neb. (3rd OLC)
 Maj. Sharon A. Buckley, HQ AFGWC, Offutt AFB, Neb.
 Maj. Michael R. Gottschall, HQ AFGWC, Offutt AFB, Neb.
 Maj. David T. Miller, HQ AFGWC, Offutt AFB, Neb.
 Capt. John B. Knowles, HQ AFGWC, Offutt AFB, Neb.
 Capt. Suzanne L. Komyathy, HQ AFGWC, Offutt AFB, Neb.
 Capt. Lester N. Roberts, HQ AFGWC, Offutt AFB, Neb.
 Chief Master Sgt. Wilford D. Little, Jr., HQ AFGWC, Offutt AFB, Neb.
 Master Sgt. Kenneth J. Harris, HQ AFGWC, Offutt AFB, Neb.
 Master Sgt. Michael S. McCurn, HQ AFGWC, Offutt AFB, Neb.
 Master Sgt. Walter S. McPherson, Det. 7, AFGWC, Tinker AFB, Okla.
 Master Sgt. James J. Rouiller, HQ AFGWC, Offutt AFB, Neb.
 Capt. Stacey S. Nardi, 56th OSS/OSW, Luke AFB, Ariz.
 Master Sgt. David P. Seibert, 56th OSS/OSW, Luke AFB, Ariz.
 Capt. Kevin L. Stone, 25th ASOS/DOW, Wheeler AAF, Hawaii

AIR RESERVE FORCES MERITORIOUS SERVICE MEDAL

Senior Airman John M. Carpenter, 200th WF, Va. (ANG)

JOINT SERVICE COMMENDATION MEDAL

Capt. Sabrina Tajjeron, USAFE AOS/AOROW (WSU), Ramstein AB, Germany
 Staff Sgt. George T. Holland, HQ AFGWC, Offutt AFB, Neb.
 1st Lt. Timothy E. Dreifke, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.



AIR FORCE COMMENDATION MEDAL

Senior Airman Sandra I. Schroeder, 314th OSS/OSW, Little Rock AFB, Ark.
 Tech. Sgt. Gary C. Smith, HQ ACC/DOW, Langley AFB, Va.
 Capt. Sabrina Tajjeron, USAFE AOS/AOROW (WSU), Ramstein AB, Germany
 Senior Airman Shaun Miglore, 46th WS, Eglin AFB, Fla.
 Senior Airman Andrew J. Kowal, 46th WS, Eglin AFB, Fla.
 Capt. Raymond J. Peltz, HQ AFGWC, Offutt AFB, Neb.
 Capt. Stephen G. Zahn, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. Michael R. Bitter, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. John A. Diorio, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. George A. Harris III, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. Theodore K. Junge, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. Brdley D. Shank, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Thomas J. Degam, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Michael D. Hazelwood, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. George T. Holland, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Imo M. Lax, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. William J. Martin, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Gregory N. Myers, Det. 7, AFGWC, Tinker AFB, Okla.
 Staff Sgt. Norman A. Olsen, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Phuoc V. Phan, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Micahel A. Sadovsky, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Rory L. Sherman, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Kyle J. Teeseling, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Brian L. Ritchie, HQ AFGWC, Offutt AFB, Neb.
 Tech. Sgt. Jeff Frievalt, 21st ASOS/ASW, Fort Polk, La.
 Capt. Scott Jacobs, 45th WS, Patrick AFB, Fla. (1st OLC)
 Tech. Sgt. Scott T. Klaiber, 56th OSS/OSW, Luke AFB, Ariz.
 Staff Sgt. Anthony G. Soots, 25th ASOS/DOW, Wheeler AAF, Hawaii

ARMY COMMENDATION MEDAL

Tech. Sgt. Terri L. Ortegon, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Troy D. Schultz, HQ AFGWC, Offutt AFB, Neb.
 2nd Lt. Daniel Pawlak, 21st ASOS/ASW, Fort Polk, La.
 Tech. Sgt. Joel J. Jordan, 113th WF, Terre Haute, Ind. (ANG)
 Tech. Sgt. Samuel R. Mayfield, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
 Tech. Sgt. James N. Ozgunduz, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
 Senior Airman John D. Lee, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

INDIANA NATIONAL GUARD COMMENDATION MEDAL

Tech. Sgt. Mark C. Cope, 207th WF, Indianapolis, Ind. (ANG)

JOINT SERVICE ACHIEVEMENT MEDAL

Maj. Paul G. Lapointe, HQ ACC/DOW, Langley AFB, Va.
 Senior Airman Jeffrey D. Godemann, 77th OSS/OSW, McClellan AFB, Calif.
 Senior Airman Bryan P. Garton, 77th OSS/OSW, McClellan AFB, Calif.



AIR FORCE ACHIEVEMENT MEDAL

2nd Lt. Darryl N. Leon, 314th OSS/OSW, Little Rock AFB, Ark. (1st OLC)
 Senior Airman Jennifer C. Barnes, 314th OSS/OSW, Little Rock AFB, Ark.
 Staff Sgt. Herbert W. Dettmer, HQ AMC TACC/WXC, Scott AFB, Ill.
 Staff Sgt. Cary Roy-Fitzsimmons, HQ AMC TACC/WXC, Scott AFB, Ill. (1st OLC)
 Senior Airman Ethan Abelov, 374th OSS/OSW, Yokota AB, Japan
 Senior Airman John Hannah, 6th OSS/OSW, MacDill AFB, Fla.
 Tech. Sgt. William M. Anderson, 77th OSS/OSW, McClellan AFB, Calif.
 Airman 1st Class Nancy A. Tranter, 46th WS, Eglin AFB, Fla.
 Airman 1st Class Jennifer C. Perry, 46th WS, Eglin AFB, Fla.
 Maj. Timothy H. Miner, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Kendall L. Bengston, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Daniel M. McCormick, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Stephen P. Rutherford, HQ AFGWC, Offutt AFB, Neb.
 Staff Sgt. Terry J. Winter, HQ AFGWC, Offutt AFB, Neb.
 Sgt. Jon R. Warnes, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Adam L. Baxter, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Stephen M. Brennemann, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Cory L. Brown, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Robert F. Coe, Jr., HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Scott J. Ploetz, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Joseph L. Sweet, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Michael V. Burton, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

ARMY ACHIEVEMENT MEDAL

Senior Airman John Zanfardino, HQ AFGWC, Offutt AFB, Neb.
 Senior Airman Jake Arfa, 21st ASOS/ASW, Fort Polk, La.
 Staff Sgt. John F. Lenz, Det. 3, 10th CWS/SOWT, Fort Carson, Colo. (1st OLC)
 Tech. Sgt. James N. Ozgunduz, Det. 3, 10th CWS/SOWT, Fort Carson, Colo. (2nd OLC)
 Staff Sgt. Michael D. Nehls, 25th ASOS/DOW, Wheeler AAF, Hawaii
 Staff Sgt. Ronald L. Richards, 25th ASOS/DOW, Wheeler AAF, Hawaii
 Senior Airman Stephen J. Horseman, 25th ASOS/DOW, Wheeler AAF, Hawaii
 Airman 1st Class Eric C. Knauer, 25th ASOS/DOW, Wheeler AAF, Hawaii
 Senior Airman Samuel W. Trotter, 25th ASOS/DOW, Wheeler AAF, Hawaii

NATO MEDAL

Capt. Michael K. Guinn, 46th WS, Eglin AFB, Fla.
 Tech. Sgt. Paul Armitage, 46th WS, Eglin AFB, Fla.
 Staff Sgt. George T. Holland, HQ AFGWC, Offutt AFB, Neb.

ARMED FORCES SERVICE MEDAL

2nd Lt. Darryl N. Leon, 314th OSS/OSW, Little Rock AFB, Ark.
 Staff Sgt. Kevin McKinney, 314th OSS/OSW, Little Rock AFB, Ark.
 Capt. Michael K. Guinn, 46th WS, Eglin AFB, Fla.

AIR FORCE OUTSTANDING UNIT AWARD

6th OSS/OSW, MacDill AFB, Fla.



AIR FORCE GOOD CONDUCT MEDAL

Senior Airman Jerome L. Adams, 10th ASOS/OSW, Fort Riley, Kan.
 Senior Airman Mike Adkins, 12th OSS/DOW, Randolph AFB, Texas

HUMANITARIAN SERVICE MEDAL

Maj. Scott Van Blarcum, 16th OSS/DOW, Hurlburt Field, Fla.
 Capt. Christopher Smithro, 16th OSS/DOW, Hurlburt Field, Fla.
 Senior Master Sgt. Lawrence Alexander, 16th OSS/DOW, Hurlburt Field, Fla.
 Tech. Sgt. William Andrus, 16th OSS/DOW, Hurlburt Field, Fla.
 Staff Sgt. Mark Gustillo, 16th OSS/DOW, Hurlburt Field, Fla.
 Staff Sgt. James Dixon, 16th OSS/DOW, Hurlburt Field, Fla.
 Staff Sgt. Scott Yeltin, 16th OSS/DOW, Hurlburt Field, Fla.
 Staff Sgt. Kurt Lundberg, 16th OSS/DOW, Hurlburt Field, Fla.
 Sgt. Steve Bell, 16th OSS/DOW, Hurlburt Field, Fla.
 Staff Sgt. Kim Bassett, 16th OSS/DOW, Hurlburt Field, Fla.
 Senior Airman Marcia Lindstrom, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Samuel Pugh, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Amy Whiteman, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Darin Overstreet, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Blake Burdette, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Angela Zephier, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Kelly Oulette, 16th OSS/DOW, Hurlburt Field, Fla.
 Airman 1st Class Gerald McPherson, 16th OSS/DOW, Hurlburt Field, Fla.

SMALL ARMS EXPERT RIBBON

Airman 1st Class Carlisle L. Hill, 3rd ASOS/WE, Fort Wainwright, Alaska
 Airman 1st Class Antonio Pressley, 3rd ASOS/WE, Fort Wainwright, Alaska

PROMOTIONS



Raymond P. Stickler, 113th Weather Flight, Terre Haute, Ind. (ANG)



James Callen, 374th OSS/OSW, Yokota AB, Japan
 Donald H. Berchoff, HQ AFGWC, Offutt AFB, Neb.
 Suzanne L. Komyathy, HQ AFGWC, Offutt AFB, Neb.
 John W. Herman, Jr., 204th WF, McGuire AFB, N.J. (ANG)
 Thomas K.L. Mau, 199th WF, Wheeler AFB, Hawaii (ANG)



Donald J. Miller II, 140th WF, Willow Grove, Pa. (ANG)
 Ranny A. Nagrampa, 181st WF, Dallas, Texas (ANG)
 Nicole Lambert, 374th OSS/OSW, Yokota AB, Japan
 James K. Vickers, 46th WS, Eglin AFB, Fla.
 Paul K. Helmbrecht, 121st WF, Andrews AFB, Md. (ANG)
 Judy Konecky, 45th WS, Patrick AFB, Fla.
 Matthew K. Doggett, AFIT/ENP, Wright-Patterson AFB, Ohio



Robert Wilson, 612th COS/DOOSM, Davis-Monthan AFB, Ariz.
 Craig E. Downey, 10th ASOS/OSW, Fort Riley, Kan.
 Shannon M. Wernkli, 412th OSS/OSW, Edwards AFB, Calif.
 Linda L. Bellis, 126th WF, Milwaukee, Wis. (ANG)
 Kevin M. McLaughlin, HQ AFGWC, Offutt AFB, Neb.
 George D. Peterson, HQ AFGWC, Offutt AFB, Neb.
 Jaelyn T. Patton, 16th OSS/DOW, Hurlburt Field, Fla.



John H. Waltbillig, 116th WF, McChord AFB, Wash. (ANG)



Robert L. Hugg, HQ AFGWC, Offutt AFB, Neb.



Doretta D. Johnson, HQ AFGWC, Offutt AFB, Neb.
 Mickey W. Mitani, HQ AFGWC, Offutt AFB, Neb.
 Tammy L. Cartegena, 204th WF, McGuire AFB, N.J. (ANG)
 Robert W. Hoertel, 204th WF, McGuire AFB, N.J. (ANG)
 Douglass T. Kamm, 169th WF, Camp Blanding, Fla. (ANG)



Daryl J. Pegram, OL-C, 18th WS, Fort Knox, Ky.
 Michael J. Morris, 207th WF, Indianapolis, Ind. (ANG)
 Selina M. Nauman, 121st WF, Andrews AFB, Md. (ANG)
 Stephen A. Burkholder, HQ AFGWC, Offutt AFB, Neb.
 Deborah L. Howey, HQ AFGWC, Offutt AFB, Neb.
 Kenneth Lindquist, 127th WF, Forbes Field, Kan. (ANG)
 Howard J. White, 199th WF, Wheeler AAF, Hawaii (ANG)
 James N. Ozgunduz, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.



Thomas E. Briggs, Jr., 27th OSS/OSW, Cannon AFB, N.M.
 Dean Harpster, 45th WS, Patrick AFB, Fla.
 Jason D. MacCartney, OL-C, 18th WS, Fort Knox, Ky.
 Wallace L. Tumblyn, 78th OSS/OSW, Robins AFB, Ga.
 David M. Tyler, 3rd ASOS/WE, Fort Wainwright, Alaska
 Mark Ayres, 374th OSS/OSW, Yokota AB, Japan
 Huy Vu, 374th OSS/OSW, Yokota AB, Japan
 Ronald L. Richards, 25th ASOS/DOW, Wheeler AAF, Hawaii
 Julie A. Clark, 77th OSS/OSW, McClellan AFB, Calif.
 David N. Joyce, 46th WS, Eglin AFB, Fla.
 Jesus S. Valdez, HQ AFGWC, Offutt AFB, Neb.
 Robert C. Bohlin, Jr., 199th WF, Wheeler AFB, Hawaii (ANG)
 Edward A. Brokhof, 204th WF, McGuire AFB, N.J. (ANG)
 Allen R. Clay, 159th WF, Camp Blanding, Fla. (ANG)
 Nathan J. Roen, 20th WF, Minneapolis, Minn. (ANG)
 Jeanette Schmidkonz, 126th WF, Milwaukee, Wis. (ANG)
 Richard Hollingsworth, 16th OSS/DOW, Hurlburt Field, Fla.
 Cassandra Richards-Groff, 19th ASOS, Fort Campbell, Ky.
 Brian Landroop, 19th ASOS, Fort Campbell, Ky.



Jerome L. Adams, 10th ASOS/OSW, Fort Riley, Kan.
 Paul B. Krewson, OL-C, 18th WS, Fort Knox, Ky.



James R. Norton, OL-C, 18th WS, Fort Knox, Ky.
 Pamela D. Nelson, 3rd ASOS/WE, Fort Wainwright, Alaska
 Jason R. Sinclair, 164th WF, Columbus, Ohio (ANG)
 Ethan Abelov, 374th OSS/OSW, Yokota AB, Japan
 David G. Eldridge, 78th OSS/OSW, Robins AFB, Ga.
 Arktan T. May, 46th WS, Eglin AFB, Fla.
 Rebecca M. Carney, HQ AFGWC, Offutt AFB, Neb.
 Ryan M. Grab, HQ AFGWC, Offutt AFB, Neb.
 Daniel J. Stone, HQ AFGWC, Offutt AFB, Neb.
 Ricardo V. Yolango, HQ AFGWC, Offutt AFB, Neb.
 Lakeitha Luster, 51st OSS/OSW, Osan AB, Korea
 David M. Fischer, 325th OSS/OSW, Tyndall AFB, Fla.



Josef E. Garcia, 10th ASOS/OSW, Fort Riley, Kan.
 Jim Brown, 45th WS, Patrick AFB, Fla.
 Nathan P. Anderson, OL-C, 18th WS, Fort Knox, Ky.
 Colleen P. Covert, 78th OSS/OSW, Robins AFB, Ga.
 Mark A. Hendrickson, 78th OSS/OSW, Robins AFB, Ga.
 Ursula N. Smith, 78th OSS/OSW, Robins AFB, Ga.
 James E. Green, 204th WF, McGuire AFB, N.J. (ANG)
 Bertrand B. Sausse, 122nd WF, New Orleans, La. (ANG)
 Lewis Noble, 78th OSS/OSW, Robins AFB, Ga.
 Tammy Sanders, 6th OSS/OSW, MacDill AFB, Fla.
 Marco Cardenas, 77th OSS/OSW, McClellan AFB, Calif.
 Nya S. Watt, 77th OSS/OSW, McClellan AFB, Calif.
 Rachel Wright, 77th OSS/OSW, McClellan AFB, Calif.
 Toni L. Zito, 77th OSS/OSW, McClellan AFB, Calif.
 Alicia R. Taylor, 46th WS, Eglin AFB, Fla.
 Angel Abdullah, 57th OSS/OSW, Nellis AFB, Nev.
 Tashia D. Campbell, HQ AFGWC, Offutt AFB, Neb.
 Wendy S. Elliott, HQ AFGWC, Offutt AFB, Neb.
 Wynne V. Grizzard, HQ AFGWC, Offutt AFB, Neb.
 Mike Hermann, 21st ASOS/ASW, Fort Polk, La.
 Justin R. Blum, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
 Joshua Trujillo, 355th OSS/OSW, Davis-Monthan AFB, Ariz.
 Kenneth Buchler, 21st ASOS/ASW, Fort Polk, La.

HAILS AND FAREWELLS

1st Lt. Jonathan S. Thompson — to AFIT, Wright-Patterson AFB, Ohio, from 355th OSS/OSW, Davis-Monthan AFB, Ariz.
 1st Lt. Robert Wilson — to 612th COS/DOOSM, Davis-Monthan AFB, Ariz., from Tyndall AFB, Fla.
 Master Sgt. Kim Danielson — to 612th COS/DOOSM, Davis-Monthan AFB, Ariz., from Yongsan AIN, Korea
 Capt. Eric Dernovich — to OL-A, 7th WS, Augsburg, Germany, from 612th COS/DOOSM, Davis-Monthan AFB, Ariz.
 Senior Airman Leslie M. Pike — from 10th ASOS/OSW, Fort Riley, Kan.
 Senior Airman Josef E. Garcia — from 10th ASOS/OSW, Fort Riley, Kan.
 Senior Airman Brian A. Burch — to OL-A, Det. 1, 607th WS, Camp Stanley, Korea, from Clumbus AFB, Ga.
 Senior Airman James S. George — to OL-A, Det. 1, 607th WS, Camp Stanley, Korea, from Mountain Home AFB, Idaho
 Senior Airman Jason S. Mango — to OL-A, Det. 1, 607th WS, Camp Stanley, Korea, from Minot AFB, N.D.
 Airman 1st Class Galesia L. Carter — to Laughlin AFB, Texas, from OL-A, Det. 1, 607th WS, Camp Stanley, Korea
 Capt. George M. Reynolds — to HQ AMC TACC/WXC, Scott AFB, Ill., from Fairchild AFB, Wash.
 Airman Brian Simcox — to U.S. Air Force Academy Preparatory School, USAFA, Colo., from 45th WS, Patrick AFB, Fla.
 Chief Master Sgt. Nancy Brooks — to Langley AFB, Va., from 45th WS, Patrick AFB, Fla.
 Tech. Sgt. Janice Andrukaitis — to 45th WS, Patrick AFB, Fla., from Ramstein AB, Germany
 Airman Heather Petet — to 45th WS, Patrick AFB, Fla., from Keesler AFB, Miss.
 Staff Sgt. Mark W. Adams — to Det. 2, 607th WS, Camp Humphreys, Korea, from OL-C, 18th WS, Fort Knox, Ky.
 Senior Airman Paul M. Walker, Jr. — to Keesler AFB, Miss., from OL-C, 18th WS, Fort Knox, Ky.
 Senior Airman Jason C. Simonis — to OL-C, 18th WS, Fort Knox, Ky., from Keesler AFB, Miss.
 Senior Airman Valerie A. Wynn — to OL-C, 18th WS, Fort Knox, Ky., from Keesler AFB, Miss.
 Airman 1st Class Michael L. Larson — to OL-C, 18th WS, Fort Knox, Ky., from Keesler AFB, Miss.
 Master Sgt. Dennis Rucker — to Fort Campbell, Ky., from Det. 2, 50th WS, Hamilton, Mass.
 Master Sgt. Carl Stecher — to Det. 2, 50th WS, Hamilton, Mass., from Peterson AFB, Colo.
 Capt. Sabrina Tajeron — to USAFE/AOS/AOROW (WSU), Ramstein AB, Germany, from 45th WS, Patrick AFB, Fla.
 Capt. Fritz VanWijngarden — to AFIT (Colorado State University), from USAFE/AOS/AOROW (WSU), Ramstein AB, Germany
 Staff Sgt. Paul Stevens — to 76th OSS/OSW, Kelly AFB, Texas, from Camp Casey, Korea
 Tech. Sgt. Lloyd D. Golden — to 412th OSS/OSW, Edwards AFB, Calif., from 31st OSS/OSW, Aviano AB, Italy
 Master Sgt. Curtis P. Cote — to 12th OSS/DOW, Randolph AFB, Texas, from AFGWC, Offutt AFB, Neb.
 Airman 1st Class Brian L. Drennan — to 3rd ASOS/WE, Fort Wainwright, Alaska, from Eglin AFB, Fla.
 Maj. Susan V. Lindsay — to 159th WF, Camp Blanding, Fla., from 123rd WF, Portland, Ore. (ANG)
 Tech. Sgt. Jeffrey A. Cassidy — to 154th WF, Little Rock, Ark., from 159th WF, Camp Blanding, Fla. (ANG)
 Lt. Col. Paul Place — to 374th OSS/OSW, Yokota AB, Japan, from HQ 7th AF, Osan AB, Korea
 Senior Airman Ethan Abelov — to 374th OSS/OSW, Yokota AB, Japan, from 49th OSS/OSW, Holloman AFB, N.M.
 Airman Tasha Fisher — to 374th OSS/OSW, Yokota AB, Japan, from Keesler AFB, Miss.
 Airman 1st Class Geoffrey Lamson — to 374th OSS/OSW, Yokota AB, Japan, from Keesler AFB, Miss.
 Airman Lakesha Grayson — to 374th OSS/OSW, Yokota AB, Japan, from Keesler AFB, Miss.
 Airman Daniel Ciuro — to 374th OSS/OSW, Yokota AB, Japan, from Keesler AFB, Miss.
 Capt. Kenneth Nemes — to HQ PACAF/DOW, Hickam AFB, Hawaii, from 374th OSS/OSW, Yokota AB, Japan
 Capt. Tony Eckel — to Wright-Patterson AFB, Ohio, from 374th OSS/OSW, Yokota AB, Japan
 Senior Airman Darrell Roberts — to Keesler AFB, Miss., from 374th OSS/OSW, Yokota AB, Japan
 Staff Sgt. Anthony G. Soots — to 25th ASOS/DOW, Wheeler AAF, Hawaii, from Kirtland AFB, N.M.
 Airman Matthew G. Gagnon — to 25th ASOS/DOW, Wheeler AAF, Hawaii, from Keesler AFB, Miss.
 Master Sgt. Gary C. Justus — to HQ AWS, Scott AFB, Ill., from 25th ASOS/DOW, Wheeler AAF, Hawaii
 Tech. Sgt. David L. Vandenhuevel — to Barksdale AFB, La., from 25th ASOS/DOW, Wheeler AAF, Hawaii

See SALUTES,
continued on Page 22

SALUTES,

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HAILS AND FAREWELLS (Continued)

Senior Airman Ashley E. Ringo — to 78th OSS/OSW, Robins AFB, Ga., from Keesler AFB, Miss.
Senior Airman Dwyne Bruce — to 78th OSS/OSW, Robins AFB, Ga., from Keesler AFB, Miss.
Capt. William Cheman — to 6th OSS/OSW, MacDill AFB, Fla., from Offutt AFB, Neb.
Senior Airman Brian Graham — to 6th OSS/OSW, MacDill AFB, Fla., from Ramstein AB, Germany
Airman 1st Class Rodney Hattery — to 6th OSS/OSW, MacDill AFB, Fla., from Keesler AFB, Miss.
Airman 1st Class Julianne Buerkert — to 6th OSS/OSW, MacDill AFB, Fla., from Keesler AFB, Miss.
Airman Jelani Brooks — to 6th OSS/OSW, MacDill AFB, Fla., from Keesler AFB, Miss.
Tech. Sgt. Wasyli Hewko — to 6th OSS/OSW, MacDill AFB, Fla., from Fort Riley, Kansas
Staff Sgt. Antonio Vieira — to 6th OSS/OSW, MacDill AFB, Fla., from Fort Bliss, Texas
Senior Airman Alula Berhane — to Keesler AFB, Miss., from 77th OSS/OSW, McClellan AFB, Calif.
Senior Airman Robert Martinez — to Keesler AFB, Miss., from 77th OSS/OSW, McClellan AFB, Calif.
Senior Airman David Palumbo — to 77th OSS/OSW, McClellan AFB, Calif., from Keesler AFB, Miss.
Lt. Col. David W. Rust — to 46th WS, Eglin AFB, Fla., from 607th WS, Yongsan AIN, Korea
1st Lt. Nicole M. Pendley — to 46th WS, Eglin AFB, Fla., from 62nd OSS/OSW, McChord AFB, Wash.
Senior Master Sgt. David D. Cramblet — to 46th WS, Eglin AFB, Fla., from OL-B, 18th WS, Fort Eustis, Va.
Senior Airman Nelson B. Reaser — to 46th WS, Eglin AFB, Fla., from Keesler AFB, Miss.
Senior Airman Kyong Kim — to 46th WS, Eglin AFB, Fla., from Keesler AFB, Miss.
1st Lt. Lee A. Byerle — to Utah State University (AFIT), from 46th WS, Eglin AFB, Fla.
1st Lt. Jason Patla — to Texas A&M University (AFIT), from 46th WS, Eglin AFB, Fla.
Airman Christopher W. French — to 374th OSS/OSW, Yokota AB, Japan, from 46th WS, Eglin AFB, Fla.
Airman 1st Class Robert L. Hinton — to Kooni Range, Korea, from 46th WS, Eglin AFB, Fla.
Senior Airman 1st Class Brian Drennan — to Fort Wainwright, Alaska, from 46th WS, Eglin AFB, Fla.
Tech. Sgt. Norman Baer — to Hunter AAF, Ga., from 57th OSS/OSW, Nellis AFB, Nev.
Maj. Thomas J. Borland — to HQ AFGWC, Offutt AFB, Neb.
Master Sgt. Dana M. Shiflett — to Det. 7, AFGWC, Tinker AFB, Okla., from Camp Page, Korea
Tech. Sgt. Stephen A. Burkholder — to HQ AFGWC, Offutt AFB, Neb.
Tech. Sgt. Michael R. Persian — to HQ AFGWC, Offutt AFB, Neb., from Osan AB, Japan
Staff Sgt. Robert D. Clarke — to Det. 7, AFGWC, Tinker AFB, Okla., from Camp Humphreys, Korea
Staff Sgt. Clifford J. Lucente — to Det. 7, AFGWC, Tinker AFB, Okla., from Grafenwoehr, Germany
Staff Sgt. James H. Pollack — to Det. 7, AFGWC, Tinker AFB, Okla., from Fort Richardson, Alaska
Staff Sgt. Paul A. Phillips — to Det. 7, AFGWC, Tinker AFB, Okla., from Camp Red Cloud, Korea
Staff Sgt. Timothy A. Vasquez — to Det. 7, AFGWC, Tinker AFB, Okla., from Yongsan AIN, Korea
Senior Airman David D. Stang — to Det. 7, AFGWC, Tinker AFB, Okla., from Camp Stanley, Korea
Senior Airman Edward R. Wohlfahrt — to Det. 7, AFGWC, Tinker AFB, Okla., from Camp Walker, Korea
Senior Airman Cynthia L. Vice — to Det. 7, AFGWC, Tinker AFB, Okla., from Misawa AB, Japan
Airman Tynika T. Booker — to HQ AFGWC, Offutt AFB, Neb., from Keesler AFB, Miss.
Staff Sgt. Mona Bonick — to Altus AFB, Okla., from HQ AFGWC, Offutt AFB, Neb.
Staff Sgt. Randall C. Miller — to 55th OSS/OSW, Offutt AFB, Neb., from HQ AFGWC, Offutt AFB, Neb.
Airman Latanya N. Williams — to 52nd OSS/OSW, Spangdahlem AB, Germany, from Keesler AFB, Miss.
2nd Lt. Daniel Pawlak — to Pennsylvania State University, from 21st ASOS/ASW, Fort Polk, La.
Senior Airman Kevin Bottino — to 21st ASOS/ASW, Fort Polk, La., from Keesler AFB, Miss.
Master Sgt. Robert DuFrane — to Fort Hood, Texas, from 47th OSS/OSW, Laughlin AFB, Texas
Senior Airman Dawn Ross — to 47th OSS/OSW, Laughlin AFB, Texas, from Keesler AFB, Miss.
Airman 1st Class Galeasia Carter — to 47th OSS/OSW, Laughlin AFB, Texas, from Camp Stanley, Korea
Senior Airman Kelly B. Ryan — to 412th OSS/OSW, Edwards AFB, Calif., from Keesler AFB, Miss.
Airman Ronda Adams-Carswell — to 16th OSS/OSW, Hurlburt Field, Fla., from Keesler AFB, Miss.
Senior Airman John M. Carpenter — to 16th OSS/OSW, Hurlburt Field, Fla., from 200th WF, Virginia ANG
Airman 1st Class Samuel R. Pugh — to Anderson AFB, Guam, from 16th OSS/OSW, Hurlburt Field, Fla.
Maj. Scott Van Barcum — to HQ USAF/XOWX, Washington, D.C., from 16th OSS/OSW, Hurlburt Field, Fla.
Staff Sgt. Scott Dixon — to Kadena AB, Japan, from 16th OSS/OSW, Hurlburt Field, Fla.
Airman Jason Beyer — to 16th OSS/OSW, Hurlburt Field, Fla., from Keesler AFB, Miss.
Airman Debbie Watson — to 45th WS, Patrick AFB, Fla., from Keesler AFB, Miss.
Airman Deanna Langford — to 45th WS, Patrick AFB, Fla., from Keesler AFB, Miss.
Staff Sgt. John Lenz — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Camp Humphreys, Korea
Staff Sgt. Scott E. Crutchfield — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Torii Station, Japan
Capt. Steven R. Cabosky — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Eielson AFB, Alaska
Senior Airman John Lee — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Yongsan AIN, Korea
Airman 1st Class Robert E. Mims — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Fort Benning, Ga.
Tech. Sgt. Samuel R. Mayfield — to Det. 3, 10th CWS/SOWT, Fort Carson, Colo., from Fort Campbell, Ky.
1st Lt. Timothy E. Dreifke — to Kadena AB, Japan, from Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
Staff Sgt. Barry J. Hunte — to 56th OSS/OSW, Luke AFB, Ariz., from Camp Eagle, Korea
Airman 1st Class Matthew B. Hill — to 56th OSS/OSW, Luke AFB, Ariz., from Keesler AFB, Miss.
Airman 1st Class David W. Golobic — to 56th OSS/OSW, Luke AFB, Ariz., from Keesler AFB, Miss.
Airman Maya V. Thomas — to 56th OSS/OSW, Luke AFB, Ariz., from Keesler AFB, Miss.
1st Lt. Julie R. Hutchison — to 56th OSS/OSW, Luke AFB, Ariz., from Dyess AFB, Texas
Capt. Philip W. Guimond — to 56th OSS/OSW, Luke AFB, Ariz., from Scott AFB, Ill.
1st Lt. Grace A. Chapin — to Travis AFB, Calif., from 56th OSS/OSW, Luke AFB, Ariz.
Tech. Sgt. Ray Hyson — to Kaiserslautern, Germany, from 51st OSS/OSW, Osan AB, Korea
Senior Airman Preston Gibson — to Keesler AFB, Miss., from 51st OSS/OSW, Osan AB, Korea
Master Sgt. Bob Davidson — to 2nd WS, Fort McPherson, Ga., from 51st OSS/OSW, Osan AB, Korea
Senior Airman Patrick McDonald — to AFGWC, Offutt AFB, Neb., from 3rd OSS/WE, Elmendorf AFB, Alaska
1st Lt. Heidi Strader — to 611th OSF/WE, Elmendorf AFB, Alaska, from 3rd OSS/WE, Elmendorf AFB, Alaska
Tech. Sgt. Patrick Haugh — to 3rd OSS/WE, Elmendorf AFB, Alaska, from 611th OSF/WE, Elmendorf AFB, Alaska
2nd Lt. Christian Barnes — to 3rd OSS/WE, Elmendorf AFB, Alaska, from Keesler AFB, Miss.
Airman 1st Class Greg Ball — to 3rd OSS/WE, Elmendorf AFB, Alaska, from 611th OSF/WE, Elmendorf AFB, Alaska
Airman 1st Class William Haley — to 3rd OSS/WE, Elmendorf AFB, Alaska, from Malmstrom AFB, Mont.
Staff Sgt. Christopher Royce — to 3rd OSS/WE, Elmendorf AFB, Alaska, from Misawa AB, Japan
Staff Sgt. Angela Uribe-Olson — to Hurlburt Field, Fla., from 35th OSS/OSW, Misawa AB, Japan
Staff Sgt. Diane Roberts — to 35th OSS/OSW, Misawa AB, Japan, from Charleston AFB, S.C.
Staff Sgt. John Leurek — to 35th OSS/OSW, Misawa AB, Japan, from Langley AFB, Va.
Staff Sgt. Scott Dixon — to 35th OSS/OSW, Misawa AB, Japan, from Hurlburt Field, Fla.
Staff Sgt. Jairam Singh — to 35th OSS/OSW, Misawa AB, Japan, from McGuire AFB, N.J.
Senior Airman Rob Fournier — to 35th OSS/OSW, Misawa AB, Japan, from Fort Bragg, N.C.
2nd Lt. Timothy A. Kuntz — to 25th ASOS/DOW, Wheeler AAF, Hawaii, from Keesler AFB, Miss.
Staff Sgt. Daniel L. Culbertson — to Fort Benning, Ga., from 25th ASOS/DOW, Wheeler AAF, Hawaii

2nd Lt. Kimberly Cox — to 355th OSS/OSW, Davis-Monthan AFB, Ariz., from Keesler AFB, Miss.
2nd Lt. Sean T. Campbell — to 21st ASOS/ASW, Fort Polk, La., from Florida State University
Tech. Sgt. Jimmy Clark — to 21st ASOS/ASW, Fort Polk, La., from Azores AB, Portugal

REENLISTMENTS

Staff Sgt. Steve Elliott, HQ AWS/RMA, Scott AFB, Ill.
Senior Airman Lisa M. Gray, HQ AWS/RMP, Scott AFB, Ill.
Senior Master Sgt. Ronald C. Mueller, OL-C, 18th WS, Fort Knox, Ky.
Senior Airman Paul M. Walker, Jr., OL-C, 18th WS, Fort Knox, Ky.
Master Sgt. Deborah J. Williams-Mitchell, 46th WS, Eglin AFB, Fla.
Senior Airman Andrew J. Kowal, 46th WS, Eglin AFB, Fla.
Staff Sgt. Jeffrey J. Papka, HQ AFGWC, Offutt AFB, Neb.
Senior Airman Roger W. Anderson, HQ AFGWC, Offutt AFB, Neb.
Senior Airman Cory L. Brown, HQ AFGWC, Offutt AFB, Neb.
Senior Airman Corey C. Montgomery, HQ AFGWC, Offutt AFB, Neb.
Staff Sgt. Kenneth N. Brooks, 21st ASOS/ASW, Fort Polk, La.
Senior Airman Jake Arfa, 21st ASOS/ASW, Fort Polk, La.
Senior Airman Brent Persinger, 3rd OSS/WE, Elmendorf AFB, Alaska
Senior Airman Brian Hearn, 21st ASOS/ASW, Fort Polk, La.

RETIREMENTS

Lt. Col. Gary L. Sickler, Commander, Air Force Combat Weather Center, Hurlburt Field, Fla.
Tech. Sgt. Keith E. Daniels, HQ AMC TACC/WXC, Scott AFB, Ill.
Lt. Col. Joe VanDeventer, 202nd WF, Otis ANGB, Mass. (ANG)
Master Sgt. Stan King, 154th WF, Little Rock, Ark. (ANG)
Lt. Col. Robert D. Blevins, 374th OSS/OSW, Yokota AB, Japan
Master Sgt. Deanna J. White, 57th OSS/OSW, Nellis AFB, Nev.
Chief Master Sgt. Wilford D. Little, HQ AFGWC, Offutt AFB, Neb.
Master Sgt. Kenneth J. Harris, HQ AFGWC, Offutt AFB, Neb.
Master Sgt. Donald E. Jamieson, HQ AFGWC, Offutt AFB, Neb.
Master Sgt. Michael S. McGurn, HQ AFGWC, Offutt AFB, Neb.
Master Sgt. David P. Seibert, 56th OSS/OSW, Luke AFB, Ariz.

SEPARATIONS

Senior Airman Jennifer C. Barnes, 314th OSS/OSW, Little Rock AFB, Ark.
Senior Airman Nancy Drake, 374th OSS/OSW, Yokota AB, Japan
Senior Airman Miglore, 46th WS, Eglin AFB, Fla.
Senior Airman Scott Galian, 21st ASOS/ASW, Fort Polk, La.
Senior Airman Gloria M. Smith, 10th ASOS/OSW, Fort Riley, Kan.
Senior Airman Marcia Lindstrom, 16th OSS/DOW, Hurlburt Field, Fla.
Staff Sgt. Jeff Seaman, 305th OSS/OSW, McGuire AFB, N.J.
Senior Airman William Grady, 305th OSS/OSW, McGuire AFB, N.J.
Capt. Stacey S. Nardi, 56th OSS/OSW, Luke AFB, Ariz. (moving to Air Force Reserves)

EDUCATION

USAF Senior NCO Academy

Senior Master Sgt. Steven W. Ruch, HQ ACC/DOW, Langley AFB, Va. (Distinguished Graduate, Levitow Award)
Airman Leadership School
Senior Airman Jason C. Simonis, OL-C, 18th WS, Fort Knox, Ky.
Senior Airman Scott McCormick, AFCCC, Scott AFB, Ill. (Commandant's Award)
Senior Airman Jeffrey D. Godemann, 77th OSS/OSW, McClellan AFB, Calif. (Distinguished Graduate)
Senior Airman Julie A. Clark, 77th OSS/OSW, McClellan AFB, Calif. (Distinguished Graduate)
Senior Airman Christopher M. Decorte, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
Senior Airman Brian Heran, 21st ASOS/ASW, Fort Polk, La.

Squadron Officers School

Capt. Sabrina Tajeron, USAFE AOS/AOROW (WSU), Ramstein AB, Germany
Goldwing Course (Hurlburt Field, Fla.)
Senior Airman Daniel B. Ritch, 314th OSS/OSW, Little Rock AFB, Ark.
Staff Sgt. Iwana Bruns, 21st ASOS/ASW, Fort Polk, La.

AWDS Managers Course

Staff Sgt. Valerie Smith, 27th OSS/OSW, Cannon AFB, N.M.
Senior Airman Beate Kinzel, 412th OSS/OSW, Edwards AFB, Calif.
Senior Airman Aaron Stevens, 47th OSS/OSW, Laughlin AFB, Texas
2nd Lt. Herb Keyser, 35th OSS/OSW, Misawa AB, Japan

NEXRAD System Manager Course

Airman 1st Class Shawn T. Koch, 314th OSS/OSW, Little Rock AFB, Ark.
Master Sgt. Glenn W. Hoffman, OL-C, 18th WS, Fort Knox, Ky.

WSR-88D Operator/Manager Course

2nd Lt. Shannon M. Wernli, 412th OSS/OSW, Edwards AFB, Calif.
Staff Sgt. Daniel L. George, HQ AMC TACC/WXC, Scott AFB, Ill.
Capt. Scott Saul, 57th OSS/OSW, Nellis AFB, Nev. (Distinguished Graduate)
2nd Lt. David Vollmer, 21st ASOS/ASW, Fort Polk, La.
Tech Sgt. Jeff Frievtel, 21st ASOS/ASW, Fort Polk, La.
Staff Sgt. Kurt Rohl, 47th OSS/OSW, Laughlin AFB, Texas

Weather Apprentice Course (Class 960439)

Airman 1st Class Michael G. McCreanor (Distinguished Graduate)
Airman 1st Class Theodore J. Sopher (Distinguished Graduate)
Senior Airman Jason M. Clapp
Senior Airman Robert F. Coe
Airman 1st Class Timothy W. Bolde
Airman Mollica J. Askren
Airman Patrick D. Gray
Airman Cyleste B. Hill
Airman Jason M. Laughlin
Airman Simone S. Smith

Weather Apprentice Course (Class 960722)

Airman 1st Class Robert J. Sullivan (Distinguished Graduate)
Airman John T. Deehan (Distinguished Graduate)
Senior Airman Nelson B. Reaser
Senior Airman Jeremiah E. Story
Airman 1st Class Toy E. Alexander

Airman 1st Class Brian E. Jackson
Airman Laurie L. Artrip
Airman William A. Everest
Airman Karie A. Neilson

Able Forecaster and Advanced Weather Course Graduates (Class 960624)

Airman 1st Class David Eisler — to Dyess AFB, Texas
Tech. Sgt. Kyle Jeter — to Fort Eustis, Va.
Senior Airman Eric Johnsen — to Peterson AFB, Colo.
Staff Sgt. Todd E. Morris — to Tyndall AFB, Fla. (Distinguished Graduate)
Senior Airman Kelly Ryan — to Edwards AFB, Calif.
Senior Airman Larry Shely — to Heidelberg, Germany (Distinguished Graduate)

Able Forecaster and Advanced Weather Course Graduates (Class 960624)

Staff Sgt. Nathan Dixon — to Offutt AFB, Neb.
Staff Sgt. John S. Kovachick — to Robbins AFB, Ga.
Staff Sgt. Wayne H. Opie — to Eglin AFB, Fla.
Senior Airman Travis L. Hale — to Dyess AFB, Texas
Senior Airman Kimberly J. Lester — to Tyndall AFB, Fla.
Senior Airman Arnold T. Perez — to Hurlburt Field, Fla.
Senior Airman Richard J. Wells — to Keesler AFB, Miss.

Able Forecaster and Advanced Weather Course Graduates (Class 960726)

Senior Airman Steven M. Baldinger — to McConnell AFB, Kansas (Distinguished Graduate)
Senior Airman Duane H. Bruce, Jr. — to Warner Robbins AFB, Ga.
Senior Airman Matthew R. Dearing — to Nellis AFB, Nev.
Senior Airman Kevin McNeely — to Warner Robbins AFB, Ga.

Bachelor Of Science in Professional Aeronautics

Master Sgt. David M. Rose, Weather Training Flight, Keesler AFB, Miss. (from Embry-Riddle University) (Magna Cum Laude)
Master Sgt. Gary C. Justus, HQ AWS, Scott AFB, Ill. (Embry-Riddle Aeronautical University)
Staff Sgt. Michael D. Nehls, 25th ASOS/DOW, Wheeler AAF, Hawaii

EOTDA Course

2nd Lt. Michael W. Engel, 27th OSS/OSW, Cannon AFB, N.M.
Senior Airman Amy M. Mazingo, 27th OSS/OSW, Cannon AFB, N.M.
2nd Lt. Herb Keyser, 35th OSS/OSW, Misawa AB, Japan

Master Of Education, Training and Development

Senior Master Sgt. Ronald C. Mueller, OL-C, 18th WS, Fort Knox, Ky. (from University of Louisville)

Weather Officer Initial Skills Course Graduates (Class 960529)

2nd Lt. Christian Barnes — to Elmendorf AFB, Alaska
2nd Lt. Robert Dominguez — to Anderson AFB, Guam
1st Lt. Lisa Hagerman — to Offutt AFB, Neb.
1st Lt. Debra Hoium — to Aviano AB, Italy
1st Lt. Troy Hollis — to Tinker AFB, Okla.
2nd Lt. Jeffrey Jarry — to Beale AFB, Calif. (Distinguished Graduate)
2nd Lt. Frederick Sapp — to Fort Hood, Texas
2nd Lt. Patricia Vollmer — to Fort Polk, La.

Weather Officer Initial Skills Course Graduates (Class 960708)

2nd Lt. Herb Keyser — to 35th OSS/OSW, Misawa AB, Japan (Distinguished Graduate/Outstanding Contributor)
2nd Lt. Elizabeth A. Boll — to Yokota AB, Japan.
2nd Lt. Sean T. Campbell — to Fort Polk, La.
2nd Lt. Kimberly E. Cox — to Davis-Monthan AFB, Ariz.
2nd Lt. Jennifer A. Dickey — to Langley AFB, Va. (Academic Award)
2nd Lt. Christopher L. Hollinger — to Stuttgart, Germany
2nd Lt. Michael W. Holmes — to Scott AFB, Ill.
2nd Lt. Mary E. Jeffrey — to Vance AFB, Okla.
2nd Lt. Timothy A. Kuntz — to Wheeler AFB, Hawaii
2nd Lt. Jason M. Mercer — to Howard AFB, Panama
2nd Lt. Daniel H. Thomas — to Moody AFB, Ga.

Current Weather Techniques Course Graduates

Staff Sgt. Aquanetta Brobston, 27th OSS/OSW, Cannon AFB, N.M.
Master of Science Degree in Atmospheric Science
Capt. Vicki Michetti, HQ AWS, Scott AFB, Ill. (from Creighton University, Omaha, Neb.)

Weather Satellite Course

Staff Sgt. Josh Dickson, 35th OSS/OSW, Misawa AB, Japan
Senior Airman Christopher M. Decorte, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

Army Airborne Course

Senior Airman Christopher M. Decorte, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
Capt. Steve R. Cabosky, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

Water Survival Course

Airman 1st Class Justin R. Blum, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
Senior Airman Michael V. Burton, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

Emergency Medical Technician Course

Airman 1st Class Justin R. Blum, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.
Capt. Kevin L. Stone, 25th ASOS/DOW, Wheeler AAF, Hawaii
1st Lt. John R. Spruill, 25th ASOS/DOW, Wheeler AAF, Hawaii

AWARDS

314th OSS/OSW NCO of the Quarter (April-June 1996)

Staff Sgt. William T. Marshall, 314th OSS/OSW, Little Rock AFB, Ark.

314th OSS/OSW Airman of the Quarter

Senior Airman Daniel B. Riteh, 314th OSS/OSW, Little Rock AFB, Ark.

314th OSS/OSW Forecaster of the Quarter

Staff Sgt. William T. Marshall, 314th OSS/OSW, Little Rock AFB, Ark.

314th OSS/OSW Observer Technician of the Quarter

Airman 1st Class Jerrod B. Webb, 314th OSS/OSW, Little Rock AFB, Ark.

27th OSS QAFSA Superior Performers

Staff Sgt. Kirk D. Bailey, 27th OSS/OSW, Cannon AFB, N.M.
Airman 1st Class Rachel Ramos, 27th OSS/OSW, Cannon AFB, N.M.

HQ AMC NCO of the Quarter

Tech. Sgt. Jerry L. Scholl, HQ AMC TACC/WXC, Scott AFB, Ill.

TACC NCO of the Quarter

Tech. Sgt. Jerry L. Scholl, HQ AMC TACC/WXC, Scott AFB, Ill.

55th OG NCO of the Quarter (April-June 1996)

Tech. Sgt. James A. Branda, 55th OSS/OSW, Offutt AFB, Neb.

55th OSS Airman of the Quarter

Airman 1st Class Laura J. Liedtke, 55th OSS/OSW, Offutt AFB, Neb.

412th OSS/OSW NCO of the Quarter

Tech. Sgt. Hardy A. Frey, 412th OSS/OSW, Edwards AFB, Calif.

412th OSS/OSW Airman of the Quarter

Senior Airman Beate Kinzel, 412th OSS/OSW, Edwards AFB, Calif.

12th Operations Group NCO of the Quarter (April-June 1996)

Staff Sgt. Jimmy Odom, 12th OSS/DOW, Randolph AFB, Texas

12th OSS/DOW Forecaster of the Month (July 1996)

Senior Airman Preston Hesselgesser, 12th OSS/DOW, Randolph AFB, Texas

12th OSS/DOW Observer of the Month

Senior Airman Mike Adkins, 12th OSS/DOW, Randolph AFB, Texas

3rd ASOS Airman of the Quarter

Senior Airman Pamela D. Nelson, 3rd ASOS/WE, Fort Wainwright, Alaska

Fort Wainwright, Alaska, Civilian Volunteer of the Year

Cherie Coe, 3rd ASOS/WE, Fort Wainwright, Alaska

374th Operations Group Airman of the Quarter (April-June 1996)

Staff Sgt. Huy Vu, 374th OSS/OSW, Yokota AB, Japan

77th Air Base Wing Senior NCO of the Quarter (2nd Qtr.)

Master Sgt. Rick A. Suggs, 77th OSS/OSW, McClellan AFB, Calif.

77th Air Base Wing Airman of the Quarter

Senior Airman Julie A. Clark, 77th OSS/OSW, McClellan AFB, Calif.

77th OSS Civilian of the Quarter

Homer D. Beddo, 77th OSS/OSW, McClellan AFB, Calif.

AFGWC Company Grade Officer of the Quarter (April-June 1996)

Capt. Gerald B. Smith II, HQ AFGWC, Offutt AFB, Neb.

AFGWC Civilian of the Quarter (GS-9 and above)

Daniel R. Berube, HQ AFGWC, Offutt AFB, Neb.

AFGWC Civilian of the Quarter (GS-8 and below)

Karen M. Jones, HQ AFGWC, Offutt AFB, Neb.

AFGWC Senior NCO of the Quarter

Master Sgt. Albert J. Palimenio, HQ AFGWC, Offutt AFB, Neb.

AFGWC NCO of the Quarter

Tech. Sgt. Harry L. Druckenmiller, HQ AFGWC, Offutt AFB, Neb.

Staff Sgt. Gregory N. Myers, HQ AFGWC, Offutt AFB, Neb.

AFGWC Airman of the Quarter

Senior Airman Matthew K. Lee, HQ AFGWC, Offutt AFB, Neb.

Senior Airman Tonya B. Hall, Det. 7, AFGWC, Tinker AFB, Okla.

AFGWC Aerospace Award

Lt. Col. Kenneth P. Smith, HQ AFGWC, Offutt AFB, Neb.

AFGWC Attitude Award

Senior Airman Dustin C. Bailey, HQ AFGWC, Offutt AFB, Neb.

AFGWC Pacesetter Award

Staff Sgt. Ronald W. Hamann, HQ AFGWC, Offutt AFB, Neb.

18th Operations Group Airman of the Quarter (April-June 1996)

Airman 1st Class Jeana T. Morrison, 21st ASOS/ASW, Fort Polk, La.

47th OSS Senior NCO of the Quarter

Master Sgt. Robert DuFrane, 47th OSS/OSW, Laughlin AFB, Texas

305th OSS/OSW Observer of the Quarter

Airman 1st Class Loline Brown, 305th OSS/OSW, McGuire AFB, N.J.

305th OSS/OSW Forecaster of the Quarter

Staff Sgt. Jim Darlow, 305th OSS/OSW, McGuire AFB, N.J.

British Jump Wings

Tech. Sgt. Samuel R. Mayfield, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

Indonesian Jump Wings

Staff Sgt. Scott E. Crutchfield, Det. 3, 10th CWS/SOWT, Fort Carson, Colo.

20th ASOS Senior NCO of the Quarter (July-Sept. 1996)

Master Sgt. Steven R. Adams, 20th ASOS, Fort Drum, N.Y.

20th ASOS NCO of the Quarter

Tech. Sgt. Phillip D. Poyner, 20th ASOS, Fort Drum, N.Y.

355th OSS Company Grade Officer of the Quarter

Capt. Richard A. Carpenter, 355th OSS/OSW, Davis-Monthan AFB, Ariz.

MISCELLANEOUS

Stan Eval Exceptional Performers

Master Sgt. Jeffrey A. Fluegge, 25th ASOS/DOW, Wheeler AAF, Hawaii

Staff Sgt. Richard D.T. Lucio, 25th ASOS/DOW, Wheeler AAF, Hawaii

BIRTHS

Kiana Danielle Burciaga — to Airman 1st Class Juan and Debbi Burciaga, 412th OSS/OSW, Edwards AFB, Calif.

Andrew Mitchell Wright — to Airman 1st Class Rachel Wright, 77th OSS/OSW, McClellan AFB, Calif., and Senior Airman Adam Wright, Technical Operations Division (AFTAC), McClellan AFB, Calif.

Brandon Paul Rehm — to Senior Airmen Aaron and Sevenia Rehm, HQ AFGWC, Offutt AFB, Neb.

Sydney Nicole DesJardins — to Capt. and Mrs. Jay DesJardins, AFIT, Wright-Patterson AFB, Ohio

Hannah Kathryn Frey — to Tech. Sgt. Hardy and Angie Frey, 412th OSS/OSW, Edwards AFB, Calif.

Breanna Jody Grindinger — to Maj. Cecilia M. Grindinger and Greg Grindinger, HQ AWS/RMP, Scott AFB, Ill.

Justin Aharon Vaccaro — to Senior Airman Mike and Sharon Vaccaro, 305th OSS/OSW, McGuire AFB, N.J.

MARRIAGES

Airman 1st Class Troy L. Misiak, 6th OSS/OSW, MacDill AFB, Fla., and Valerie L. Gaspard

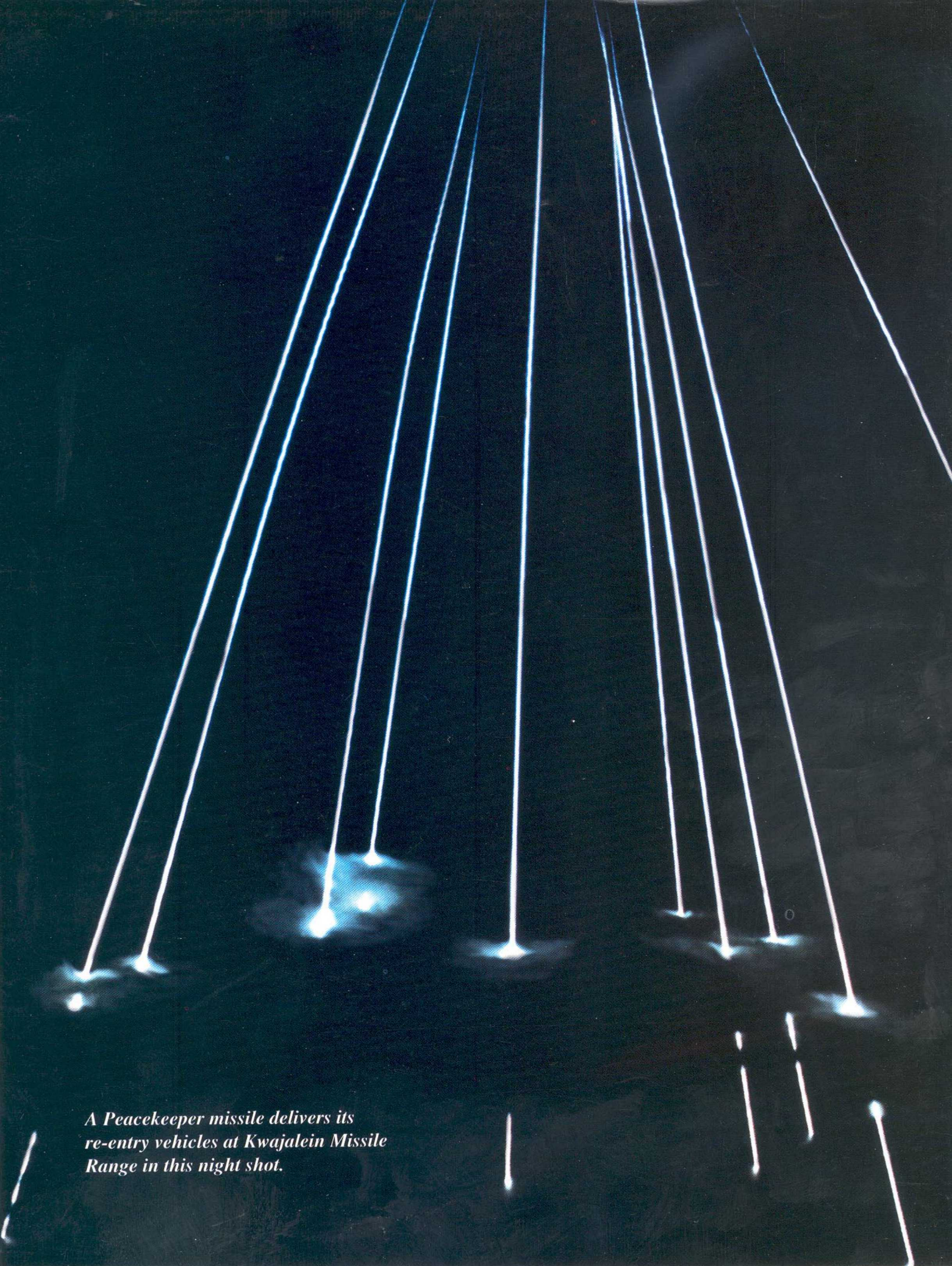
Airman Eric McGuire, 305th OSS/OSW, McGuire AFB, N.J., and Airman 1st Class Dawn

Wilson, 7th WS, Katterbach, Germany

Airman 1st Class Jason R. Blum, Det. 3, 10th CWS/SOWT, Fort Carson, Colo., to Airman

First Class Margeret S. Salo

**SALUTES can be sent by mail to: HQ AWS/
RMA, 102 W. Losey St., Rm. 105, Scott AFB,
Ill. 62225-5206; by fax to: DSN 576-5401 or
CMCL (618) 256-5401; or via E-Mail at:
"elliotts@hqaws.safb.af.mil"**



A Peacekeeper missile delivers its re-entry vehicles at Kwajalein Missile Range in this night shot.