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Air Force
Anniversary



Sept. 18, 1947



Col David L. Donley, right, accepts the wing's guidon from Col George E. Chapman, AWS commander, in the change of command ceremony while CMSgt John L. Williams watches.

AFGWC welcomes new commander

Air Force Global Weather Central, Offutt AFB, Neb., welcomed its new Commander, Col David L. Donley, in ceremonies July 20.

Accepting command of AFGWC, Colonel Donley became the fifth AFGWC Commander. Preceding him were Col Dale C. Barnum, Col George E. Chapman, Col Arthur Binder, Col Alphonse Gargiulo, Jr., and Col Herbert A. Million.

"I will carry out the programs of my predecessors and hope to develop those programs which will keep AFGWC at the forefront of meteorology," said Colonel Donley. He added that one of his goals is to make all AWS people aware of the large variety of job and career opportunities at AFGWC.

He is responsible for providing agencies of the Department of Defense, USAF and Army with global information and products relating to past, present and future states of the aerospace environment. He is the AWS manager for the collection and dissemination of aerospace environmental data. It is also his responsibility to provide and arrange for meteorological/aerospace environmental support to other AWS units and other governmental agencies as directed by higher headquarters.

A native of Greensboro, Pa., Colonel Donley began his military career through the Reserve Officer Training Corps program at Pennsylvania State University. He was commissioned a second lieutenant in 1958. Following Penn State, he served two years as a weather officer at Andersen AFB, Guam.

After Guam, Colonel Donley was an Assistant Instructor in Meteorology at Rutgers University. While there, he

earned a Master of Science Degree in Meteorology.

Colonel Donley became chief forecaster and detachment commander at Holloman AFB, N.M. in August 1963. From November 1966 to November 1967 he was a detachment commander and assistant squadron operations officer at three different locations in South Vietnam.

Returning from Southeast Asia, he attended the University of Wisconsin through the Air Force Institute of Technology, receiving a Ph.D. in Meteorology.

Moving to HQ AWS, Scott AFB Ill., in May 1971, Colonel Donley was an environmental analyst. He attended Air Command and Staff College in 1974 and was then assigned to the Los Angeles AFS, Calif., as a staff meteorologist and detachment commander. Also in 1974, he earned a Master of Business Administration from Auburn University.

Following Naval War College, Colonel Donley's next assignment was as Commander, 26th Weather Squadron and staff weather officer to the Commander, Eighth Air Force, Barksdale AFB, La.

Colonel Donley returned to the classroom from August 1980 to June 1983 as the Professor of Aerospace Studies and Department Chairman at Park College of St. Louis University, Cahokia, Ill. After his professorship, he became the Vice Commander, 3rd Weather Wing, Offutt AFB, Neb.

Another welcome at AFGWC was given to Col Jared L. Picantine, former Deputy Chief of Staff for Logistics, Headquarters AWS, who replaced Col Gary S. Zeigler. Colonel Zeigler became 3rd Weather Wing's vice commander.

Mrs. Barnum retires too

"Each move offered a whole new excitement," said Mrs. Marj Barnum, reflecting upon the last 28 years of Air Force life.

She said she will miss the military life as they (she and now retired Col. Dale C. Barnum) will have to settle in one place (Omaha for now).

Mrs. Barnum has never been separated from her husband because of a Permanent Change of Station move. She even accompanied him on an assignment to Korea.

"Everywhere we've gone, the people have been fantastic and I have hated to leave," she said.

When asked if she would rather have remained in one place for the past 28 years, or if the mobility of Air Force life was worth it, she quickly replied, "I'd do it all over again!"



Mrs. Marj Barnum

450 attend ceremony, Colonel Barnum retires

More than 450 distinguished guests, spectators, friends and visitors attended the Change of Command/Retirement Ceremony held July 20 at Offutt AFB.

Col Dale C. Barnum passed the flag and command of AFGWC to Col David L. Donley during ceremonies officiated by Col George E. Chapman, AWS commander. Colonel Barnum assumed command of AFGWC on July 23, 1982.

Following the change of command, Colonel Barnum was awarded the Legion of Merit by Brig Gen Richard J. Trzaskoma, vice commander, 23rd Air Force. Colonel Barnum then retired from active duty, ending his 28-year military career.

"Marj and I have been an Air Force family the entire career, and instead of being an active duty Air Force family, from now on we're just going to be an active Air Force family," said Colonel Barnum.

Among the highlights of his command were the acquisition of the Advanced Weather Analysis and Prediction System, a computer system which will improve the accuracy of AFGWC wind forecasts by 20 percent and the accuracy of cloud forecasts by six percent; and the contract for a CRAY X-MP "Supercomputer," which is the fastest

general purpose computer system commercially available today.

"(This) was the best job I ever had in Air Weather Service, and I think you're the finest bunch of professionals that you'll find anywhere," said Colonel Barnum at his retirement ceremony.

Colonel Barnum's career began in 1956 with a Reserve Officers Training Corps commission after graduating from the Montana School of Mines. Following completion of basic meteorological training in 1957, he served as a weather forecaster at McChord AFB, Wash. Other assignments were to: Fuchu AS, Japan; three tours at Headquarters AWS, Scott AFB, Ill.; 6th Weather Squadron, Andrews AFB, Md.; Det 18, 20WS, and later 30th Weather Squadron, Yongsan AB, Korea.

In 1977, Colonel Barnum assumed command of the USAF Environmental Technical Applications Center. In August 1978, he began his third tour at Headquarters AWS as the Assistant Deputy Chief of Staff for Systems. Colonel Barnum served as the Assistant Staff Weather Officer to the Commander, Tactical Air Command and Vice Commander, 5th Weather Wing, Langley AFB, Va., from June 1980 until assuming command of AFGWC.

Command line



Col. George E. Chapman
AWS Commander

Frequently you hear how MAC and other commands integrate the Reserve Forces into the readiness training and daily operations of the active Air Force. You may already know we depend upon ANG Weather Flights for most Army Reserve weather support and upon reserve Aerial Reconnaissance Flight Officers and Dropsonde Operators for a significant share of storm tracking missions.

However, AWS also depends upon a diverse and

AWS and The Total Force

elite cadre of civilian-soldiers called Individual Mobilization Augmentees (IMAs) from all over the country for certain less publicized aspects of wartime readiness. I want you to know how proud I am to have these fine men and women on our team.

Most of our IMAs are former active duty officers and NCOs, and all are expected to meet the same high professional standards demanded of our active duty personnel. When not in uniform, they are professors, students, lawyers, accountants, scientists, housewives, NWS meteorologists, businessmen, etc. Our IMAs are attached to AWS units throughout the country, including Alaska and Hawaii, often far from their homes. Each IMA has at least two weeks of active duty and 24 inactive duty training periods annually, and many serve additional active duty tours.

A large number of our IMAs are staff weather officers for reserve flying units, ready to deploy with the unit for exercises or upon mobilization. Another large group consists of contingency support weather officers, superintendents and technicians, available as forecasters for mobilization with unspecified military units in emergencies. Many of the captains and majors will assume Detco positions upon mobilization. Other IMAs will provide continuity of operations as project management officers within AFGWC. The staff weather officers for the 5th and 6th Armies are IMAs. We have Field Grade Officers through the Colonel level aligned with key command and staff positions at wing and AWS headquarters, where their technical expertise and management skills directly contribute to our mission in peacetime while they prepare for their wartime roles as branch chiefs, directors, etc.

Examples of valuable IMA contributions are legion. IMAs have served in the absence of their active duty counterparts from the Directorate level at this headquarters to Detcos in the field.

IMAs in various grades have supported exercises all over the world, from Utah (Red Flag) to Spain (SENTRY BEE-OPEN GATE), from Wisconsin (SENTRY INDEPENDENCE) to Turkey (CORONET BROWN), from Virginia (LOGEX 84) to Germany (CORONET GIANT). Our support to ANG Permanent Field Training Sites continues to rely heavily on IMA forecasters, reducing the TDY burden on active duty units. IMAs continue to bring unique skills and technical information directly to our AFGWC and Headquarters staffs. And don't forget, these IMAs are sacrificing time away from homes, families, and civilian jobs so that they can make these contributions and help us maintain wartime readiness. In addition, back home they perform important and enlightening military liaison duty with the civilian community, through innumerable civic roles.

Lastly, I'd like to say a few words about leadership in the IMA program. In 1983, we began holding IMA Management Advisory Conferences (IMAMACs) in conjunction with AWS Commander's conferences. Chaired and attended by our senior AWS IMAs, their mandate has been to develop and participate in improvements to AWS IMA mobilization training, active force augmentation and mobilization preparation. Many good ideas have come from these conferences — ideas that are providing us with a road map to future improvements in the IMA program. From top to bottom, IMAs are totally involved in the AWS mission, and with your active participation in this readiness training we'll make an excellent program even better.

Next time you think "readiness," remember our IMAs. Join me in saluting them for their invaluable peacetime support while together we maintain wartime readiness as members of the Total Force.

chief's comments Senior Leadership — Is It There?

People — our most important resource. I doubt very seriously if you can find anyone to disagree with this statement. Especially the senior leadership within the military.

Our senior leadership in the military certainly recognizes the importance of people. The testimony they provide to Congress hinges on people and people's needs. That is, the programs that need to be supported by Congress to make our military organization a stronger and more vigorous defender. Calvin Coolidge said, "The nation which forgets its defenders will be itself forgotten." Our leaders never forget the people.

New technology today is old technology tomorrow. A brush fire war today is history tomorrow. But the people — the people are the resources that make it all work. It's the fine tuning of any system.

Down in the trenches, as some call it, we don't hear all the good things that our leaders are doing for us. We sometimes do not realize the effort put forth to bring about programs which are of great benefit to us and our country. We only hear the final verdict — nothing about the effort or time that was involved.

As of now, the pay raise is the big topic. However, there are other meaningful programs as well. New base housing is one. Our leaders (in all services) have stressed the point that families are a very important part of the military. And there should be adequate housing and facilities to accommodate them. At most of the bases which I have visited, the base housing has taken on a new appearance, most resemble any community in the

USA where the people living there have pride.

PCS costs to the individual have increased by 40 percent during the past 2 years. Our leaders have provided this information to Congress and now there is a move to increase PCS funds, to increase pay for mileage during PCS, and to increase the weight allowance for household goods for some grades.

Freedom does cost. It takes good people, modern equipment and programs to support both. We can always think of many things we would LIKE to have. Sometimes we need to put our desires into the proper perspective — need versus want. If we don't, freedom has another cost. As Edith Hamilton once put it, "When the Athenians finally wanted not to give to the state, but the state give to them, when the freedom they wished most for was freedom from responsibility, Athens ceased to be free and was never free again." In addition to supporting us, our leaders also keep us in check and balance, to prevent the above from occurring to our Nation.

Those leaders are also looking out for the other side of the defense package. That being new weapons and hardware. Included in the proposals for these new weapons are the requirements for the number of people needed to operate these acquisitions as they come aboard. Over the next five years, the Air Force has a plan to add another 50,000 people to meet manning requirements for the new equipment coming on board during those years.

Yes, our senior military leadership is supporting and representing the people. They



CMSgt. Charles T. Melson
AWS Senior Enlisted Advisor

recognize the important part people play in preserving our freedom and they work hard to provide us the kind of life we would like to live.

General George S. Patton was a leader and I will close with a statement he once made, "Wars are fought by weapons, but won by men." Today, General Patton would probably have said, "...won by men and women."

A lesson from history

by John Fuller

This month's article will focus on the Japanese weather services during World War II.

In February 1945, as the United States' efforts in the Pacific were gathering momentum for the defeat of Japan, the Army Air Forces Weather Service published and distributed a classified intelligence summary of the Japanese weather services.

It was compiled from all sources of intelligence, the richest source being interrogations of Japanese prisoners of war. The summary indicated that the Japanese had at least three, and possibly four, weather services.

A Navy service was known to exist. There was evidence of a weather service for the Naval air arm apart from the weather service to the surface fleet, a civilian service and an Army service.

More was known about the Navy than the Army weather service. The simple reason being that by 1945, almost all of the Japanese weather stations overrun in the Pacific were on small islands garrisoned by the Navy.

While it existed primarily to serve the Army air arm, the Japanese Army Weather Service was under the signal service of the Japanese Army, just as the AAF Weather Service had been under the Army Signal Corps prior to July 1, 1937. The Japanese Army's Weather Service was divided into standard army units. The regiment was believed to have been the principal tactical unit.

Each regiment of approximately 1,380 personnel was divided into two battalions of about 625 people each, with about 130 manning the regimental headquarters. Battalions were composed of three companies which, in turn, consisted of four or five sections of about 23 men each. Those 23 men included a sergeant major, eight weathermen, eight communications specialists, and six drivers. No evidence existed that civilians or women were used in the Army Weather Service.

Perhaps typical of an Army regiment was the 3d Meteorological Regiment (Kishe Rentai), commanded by Major Noberu, headquartered at Singapore in 1943. It was composed of the 1st Battalion at Singapore and the 2d Battalion at Rangoon. Both weather battalions were commanded by captains.

The first Battalion was comprised of the 1st, 2d and 3d Companies, believed to be commanded by first lieutenants. The 2d Battalion, commanded by captain Akutsu in the summer of 1944, was comprised of the 4th, 5th and 6th companies. The 4th Company was located at Maymyo, Burma, and had five unnumbered subordinate sections in Burma commanded by sergeant majors.

Since the Navy Weather Service employed a large number of civilians, it was difficult to draw a distinction between the wartime Navy and civilian weather services in Japan. Prior to the war, Japan had a civil weather service comparable to the U.S. Weather Bureau. That service was not confined to the home islands, but maintained weather stations throughout the Japanese Empire, including the mandated islands. That, and the fact that Japan was primarily a maritime nation, the civilian weather service furnished reports and forecast to the Navy and the merchant marine. Thus, the civilian and Navy Weather Services were closely interlocked, particularly during the war.

The Central Meteorological Observatory, or CMO, was probably the principal agency of the civilian weather service. It was located in Tokyo, directly across the moat from the Imperial Palace. Takematsu Okada, dean of Japanese meteorologists, was retired by 1945, but served as an instructor at the CMO as late as 1942. Other instructors and forecasters at the CMO included Koichiro Takahashi, Touhei Otani, Hidetoshi Arakawa, Taido Nukeyama and Professors Shiono, Morita and Wantanabe.

Head of the CMO as late as 1942, and chief of the civilian weather service, was the eminent civilian meteorologist, Dr. Sakuhei Fujiwara. One of Fujiwara's

Looking at Japan's WWII Weather Services



Base operations/weather station at Makin Atoll, February 1944. Inserts depict 50-foot anemometer tower, and placard of 7WS detachment at Makin. (Photo courtesy of Lester Gaynor)

jobs was to coordinate meteorological matters between the civilian, Army and Navy Weather Services.

A central agency of the navy Weather Service was the Navy Weather Bureau. Located in Tokyo, the NWB was headed in January 1943 by Vice Admiral Ryusaburo Okubo, who was not a trained meteorologist. Manned by several hundred administrative personnel and many civilian specialists, the NWB was the central advisory agency for the surface naval weather service. It operated units at such places as Rabaul, New Britain (with a strength of 15 Navy and 35 civilians by late 1943) and Makin Atoll in the Gilbert Islands (with 10 civilian observers). The NWB also administered schools for civilian observers and forecasters, and collected and disseminated weather information.

The surface Navy's field weather service was believed to consist of two parts: one assigned to land stations and one assigned to warships.

The service ashore was organized into units, branches and stations. For example, in March 1944, the 4th Weather Unit, assigned to the Central Pacific Area Fleet, with headquarters at Guam and commanded by a captain, was composed of the Saipan (manned by about 100), Palau and Truk (with a complement of about 170 to 180 people, mostly civilians) branches, each of which consisted of a number of island stations.

Organization of each unit was prescribed by the unit's commanding officer. Operational procedures, with regard to necessary observations, reports and the like, were determined by the commanding officer of the branches, with the approval of the resident naval commander. Administrative services, such as supply, medical and finance, were furnished by the respective host bases.

Control of the field Navy service was exercised by the fleet commanders. Thus, orders to the commanding officer of the 4th Weather Unit were issued in the name of the Central Pacific Area Fleet commander. Most admirals and fleet commanders had staff weather officers assigned. The fleet commanders at the battles of Coral Sea and Midway had meteorologists on their respective staffs, one such veteran Navy aerologist, Captain Terashima.

The weather service ashore for the Navy air arm was thought to be independent of the services above. It consisted of individual sections assigned to each air group. For instance, in 1944, a 19-man weather section commanded by an ensign was assigned to the 751st Air Group at the Vunakanau Airdrome, Rabaul. Each flight of three aircraft from the 751st, which operated medium bombers, carried one officer, "skilled in weather," and on bombing strikes there was always a weather man in the lead aircraft. Each squadron, and higher echelon, had a staff weather officer assigned. As with the weather service for the surface fleet, no central controlling headquarters for the Navy Air Weather Service was known to exist. Operational procedures and administrative services for those weather sections were probably the responsibility of each air group commander.

The Japanese Navy operated at least eight weather ships. Six were attached to the 4th Fleet Weather Unit. Based at Truk, they operated among various outlying islands in the Carolines, making stops to furnish provisions at Puluwat, Oroluk, Namonuito and Lamotrek. By 1945, four of those ships had been sunk, two in the vicinity of Saipan in July 1944.

Japanese submarines took frequent weather observations if they were in waters controlled by the United States. Another source of weather reports were radio intercept stations at Rabaul (for Australian and New Zealand data) and the CMO in Tokyo (for Russian data and reports from US stations in the Aleutian Islands chain).

The Japanese weather services above operated over 400 weather stations in the home islands, the Ryukyus, Korea, Manchuria, the mandated islands, the Philippines, China, Burma, French Indo-China and elsewhere.

Twenty-four hour observing and forecasting stations were operated in Tokyo, at Rabaul, Singapore, Rangoon, Maymyo in Burma, and at Kwajalein. Limited forecasting services were available at 11 other sites outside Japanese home islands. Upper-air observations (Pibal, radiosonde and rawinsonde) were taken at 15 stations including Tokyo, Osaka, Shanghai, Saipan, Tinian, Truk, Rabaul and Seoul, Korea.

Col. George E. Chapman
AWS Commander

SSgt. Michael T. Devine
Editor

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An era ends Last CPS-9 replaced, Maxwell gets FPS-77

by Sgt Derrik Brown
Det. 9, 24WS

The mainstay weather radar of the 1950s, 60s and early 70s is gone.

Detachment 9, 24WS, Maxwell AFB, Ala., recently witnessed the decommissioning of the last operational AN/CPS-9 weather radar in the USAF inventory. The AN/CPS-9 at Det. 9 had been in service since May 1954.

During the 30 years the AN/CPS-9 was operational, more than 600 tornadoes and thousands of severe thunderstorms were identified by Det. 9, and confirmed by the National Weather Service in Alabama.

Although the AN/CPS-9 was past its prime, its performance was vital to Det. 9's weather support. Near the end, when the AN/CPS-9 broke it could not easily be repaired. A shortage of parts and limited capabilities prompted a transition to the FPS-77.

During 1983, Alabama experienced a record number of tornadoes. Forty five hit the state. On May 3, 1984, Det. 9 personnel monitored four outbreaks of severe weather and spotted a hook echo, indicative of a tornado, with the AN/CPS-9.

Personnel from the 1839th Electronics Installation Group, Keesler AFB, Miss., and the 1973rd Communications Squadron, Maxwell, installed the "new" radar. They worked around the clock and the FPS-77 was operational seven days ahead of schedule.

Detachment 9 is responsible for day to day operations



AN/CPS-9

and for notification of impending severe weather. With a large geographic area to monitor, a reliable radar is a necessity.

They provide weather support to Air University, both at Maxwell and Gunter AFS, Ala.; the 908th

Tactical Airlift Group; Det. 3, 1402 Military Airlift Squadron; and other local units. Detachment 9 also supports eight Reserve, National Guard and DOD facilities in Alabama and Mississippi. These units have more than 175 aircraft.

Special Ops officer incorporated into USMC

by Sgt Gary Glover
Det. 3, 5WS, Ft. Bragg

OCEAN VENTURE 84 was not a typical exercise for Capt. Jack Gentle, officer in charge of the Army's 1st Special Operations Command (Airborne) Weather Team.

Captain Gentle was the Staff Weather Officer to Special Operations Command, Atlantic for the exercise. While there, two Marine Corps augmentees from MCAS Beaufort, S.C., accorded him a rare honor. He was incorporated into the U.S. Marine Corps and "promoted" to the rank of honorary Staff Sergeant of Marines.

His incorporation and promotion are detailed in the following citation.

"To all who shall see these presents, greetings. Know ye that reposing special trust and confidence in the fidelity and ability of Jack Gentle, Capt, USAF, we, by this declaration do hereby command that as of April 30, 1984, he has been incorporated and is now an Honorary Marine. Let it also be known that by our Marine Corps tradition of looking after our own we hereby meritoriously promote and appoint him a Staff Sergeant of Marines to rank as such after a 24 hour period of being a Marine Corps Boot Recruit."

Returning to Ft. Bragg, Captain Gentle remarked, "It's a genuine honor to be accepted by professionals such as SSgts Alberto Mejia and Brian Donham. They taught me a great deal about the special bond members of the Corps share and they demonstrated for all to see the absolute quality of the weather people in the Marine Air Wings."

He continued, "Special Operations,

more than most missions, relies heavily on Joint Services effort. For a group of strangers to come together, accomplish an extremely demanding mission well, and yet have a thoroughly enjoyable experience speaks well of the Joint Headquarters concept."

Captain Gentle also said he was looking forward to more Joint Exercises and that "I'll welcome brother Marines on my team anytime, anywhere. SEMPER FIDELIS!"



SMSgt John Mullins

Weatherman takes honors at Senior NCO Academy

by MSgt Rocco Calaci

SMSgt John Mullins is the course supervisor at Chanute AFB, Ill.

People at Chanute are used to seeing Sergeant Mullins hurrying up and down the halls. He is constantly changing gears between his various jobs. Two jobs, Weather Specialist and Navy Aerographer's Mate, are the basic foundation for all weather observers in

the Air Force, Navy and Marines. He is also the course supervisor for the Station Chief course.

When he was selected to attend Senior NCO Academy, Gunter AFB, Ala., he just wanted DG (done graduated) status. He reached his goal, and much more.

Sergeant Mullins was the honor graduate from a class of 242 students and received the Commandant's Award.



**AMERICAN
INDIAN
WEEK BEGINS
SEPTEMBER 24**

OCEAN VENTURE 84 Tests Det 3

The Special Operations Weather Team from Det. 3, 5th WS, Ft. Bragg N.C., began preparing for the weather intelligence gathering mission in December.

They began with a series of night navigation, patrolling and night vision goggle training exercises. Sgts Allan Gillespie and Gary Glover also developed special communications procedures and a new forward observing code allowing encryption of weather observations and other items of intelligence.

Straining under the burden of 110 pound rucksacks, parachutes and weapons, SOWT members, Sergeants Gillespie, Glover and A1C David Downey, hurtled into the darkness from the rear of an MC-130 Combat Talon.

Following not so routine landings (Sergeant Glover ended up in a tree), the team broke contact with the Army Special Forces A-Team they jumped with. Working their way to a clandestine

Straining under the burden of 110 pound rucksacks, parachutes and weapons, SOWT members hurtled into the darkness from the rear of an MC-130 Combat Talon.

observing site, they began their mission. The team carried the PRC-104 HF radio with a Digital Message Device Group to burst transmit their observations and enemy activity reports.

OCEAN VENTURE 84's tactical realism was aided by a company of U.S. Marines playing the role of aggressor. The team stayed "in the bush" to avoid contact. They not only evaded opposing forces, but conducted night reconnaissance of a proposed drop zone and enemy fighting positions while moving to more suitable observing sites.

Close coordination of the SOWT's location and movements were essential. The team's operating area came under

live fire tactical air strikes from A-7 aircraft and helicopter gunships as part of the planned exercise.

The three-man team communicated with the Special Operations Command, Atlantic headquarters, or SOCLANT, passing vital weather observations and other intelligence. Their mean effective wind data were key ingredients in the final forecast for the successful airdrop of 800 members of the 82nd Airborne Division.

The success of Sergeants Gillespie, Glover and A1C Downey was hailed by SOCLANT and the Army's 1st Special Operations Command as one of the major accomplishments by Special Operations

Forces during OCEAN VENTURE 84.

Detachment 3 personnel also provided weather support to other units taking part in OCEAN VENTURE 84.

Capt Jackie Gentle worked with SOCLANT in Keywest, Fla., keeping the Special Operations Command briefed on weather developments.

First Lieutenant Barry Coble was the Staff Weather Officer to the 7th Special Forces Group located at Sofley Field, Fla.

MSgt James Hoy went to Hurlburt Field, Fla., to work weather support for the 12th Special Forces Group.

The 82nd Airborne Division Weather Team deployed with the 2nd Brigade to Roosevelt Roads Naval Air Station, Puerto Rico. Once there, 2nd Lts Brett Scholten and Patrick Hayes, A1Cs Jerry Brewer and Byron Pullen worked with the Naval Oceanographic Command detachment supporting the Division's airborne operations.



TSgt Ralf Grahn takes a wind reading using a compass and a Dwyer wind meter.

EAGLE LOOK 84 support arrived with first aircraft

by Maj Howard R. Alston, Jr.

Weather support for operation EAGLE LOOK 84 arrived with the first aircraft.

What made this exercise different was that aircraft from SAC, TAC and MAC were deployed to Southwest Asia, arriving before their support assets.

Weather support was through the combined efforts of AFGWC, 2nd, 3rd, 5th and 7th WWS. Forecasting support was provided on a 24-hour basis, with observations, initially being provided on a limited basis, later increasing to 24-hours a day. Communications consisted of send/receive teletype, facsimile using both Alden minifax and Air Force

Digital Graphics System as well as a Tactical Imagery Dissemination System terminal.

The deployed weather team lived and worked in tents, giving briefings to Headquarters, US Central Command, Forward; the US Central Command Air Forces; the Airlift Control Center staffs and all deployed aircrews.

EAGLE LOOK 84 weather personnel were: Maj Howard R. Alston, Jr., HQ 3WS; Capt Dan H. Vail, Jr., HQ 1WS; 2nd Lt Dean Hazen, Det. 1, 3WS; 1st Lt Randal Skov, 3WW; TSgt Ralf Gruhn, Det. 25, 31WS; and SSgt Ed Zimba, Det. 3, 15WS.

20WS reactivation and staff announced

Air Weather Service's newest squadron, the 20th Weather Squadron, is scheduled for reactivation on Jan. 1, 1985. The new squadron will manage all weather units with base weather station functions in the western and central Pacific, excluding Korea.

Twentieth Weather Squadron will be commanded by Lt Col Richard J. Vogt, who is currently assigned to HQ AWS, Central Support Division, Scott AFB, Ill. Maj. Stephen M. Horn, currently assigned to AFGWC's Contingency Support Management Office, will be the 20WS's Director of Operations.

Twentieth Weather Squadron will improve AWS's management in several areas. It will give more effective command and control of western and central Pacific units; better administration and coordination of services provided to customers; and improved liaison and planning with U.S. and allied agencies. Customers of 20WS will include: U.S. Forces, Japan; 5th Air Force; U.S. Army Japan; U.S. Army IX Corps; Japanese Air Self Defense Force; and the Japanese Meteorological Agency.

AF Museum seeks expansion funds



The Air Force Museum, at Wright-Patterson AFB, Ohio, is trying to raise \$10.8 million for expansion. The funding concept calls for \$5.4 million to be provided through the FY85 Military Construction Program and the remaining funds through private donations.

An article by Brig Gen James Stewart, USAF Retired, requesting support for the Air Force Museum reads:

Sept. 18, the Air Force will celebrate its 37th anniversary as a separate service. Of course we are proud of that. But we have much more than a birthday for our price.

Names like the Lafayette Escadrille of World War I, the Eagle Squadrons of World War II, the Wright Military Flyer of 1908, the Jug, the Mustang, the SPAD, Gemini and Apollo, are all part of our tradition.

So is a Glen Miller trombone, a freshly painted B-52, the B-70 and the F-15, all on display at the Air Force Museum at Wright-Patterson AFB, Ohio.

Tens of thousands more momentos and artifacts are there, capturing and preserving our heritage. We need your help to enable us to hold them for the future.

This month (August) the Air Force is conducting an in-service fund drive to help the Air Force Museum Foundation raise funds to construct an addition to the overcrowded facility now housing the museum.

Without this additional exhibit space, many one-of-a-kind aircraft and missiles will continue to deteriorate on outside display. An additional building, similar to the existing structure, will shelter a significant number of these rare museum items. . .

The Air Force Museum was built with private donations from all over the world. Fund raising for expanding the museum has been conducted for the past few years and museum officials expected August's fund drive to raise \$5.4 million.

General Stewart's article ends: Our Air Force heritage is a great one. Let's preserve it for those who follow. To borrow from the motto of the 25th anniversary, let's show our "Pride in the past. . . our faith in the future."

Anyone not contacted during August's fund drive can send their tax deductible donations to the Air Force Museum Foundation, Wright-Patterson AFB, Ohio 45433.

AWS Salutes . . .

Medals

Defense Meritorious Service Medal:

Major David J. Koczur, HQ 4WW, Peterson AFB, Colo.;
Capt John L. Sacksteder, HQ 4WW, Peterson AFB, Colo.;

Meritorious Service Medal:

Maj George E. Wadagnolo, Jr., 9WS, March AFB, Calif.;
MSgt David Ogle, Det 5, 9WS, Malmstrom AFB, Mont.;
SMSgt Charles F. Fisher (1 OLC), Det 13, 25WS, Davis-
Monahan AFB, Ariz.; Maj James S. Perkins, det 4, HQ
AWS, Andersen AFB, Guam; Lt Col Douglas N. Gerbaz (2
OLC), HQ 1WW, Hickam AFB, Hawaii; Col James K.
Lavin (1 OLC), HQ 4WW, Peterson AFB, Colo.; MSgt
David Hall, HQ 4WW, Peterson AFB, Colo.; SMSgt Jerry
D. Blunt, Det 9, 5WS, Ft Rucker, Ala.; Maj Emil Berecek,
3330TTW, Chanute AFB, Ill.; MSgt Dennis Marsh,
3330TTW, Chanute AFB, Ill.; Lt Col John F. Pohle, HQ
AFGWC, Offutt AFB, Neb.; Lt Col David A. Leatherwood
(2 OLC), HQ AWS, Scott AFB, Ill.; Lt Col Terry C. Tarbell
(1 OLC), HQ AWS, Scott AFB, Ill.; Capt Terry Laing, HQ
AWS, Scott AFB, Ill.

Air Medal:

1Lt Mark H. Daybell, Det 4, HQ AWS, Andersen AFB,
Guam;

Air Force Commendation Medal:

TSgt George G. Gombarek, Det 3, 9WS, Fairchild AFB,
Wash.; Sgt Chauncil Talton, det 5, 9WS, Malmstrom AFB,
Mont.; MSgt William Smith, det 17, 9WS, Ellsworth AFB,
S.D.; SSgt Albert J. Sandbothe (1 OLC), 6WS, Tinker AFB,
Okla.; A1C Kenneth D. Pierce, OL A, Det 10, 7WS,
Wertheim AAF, Germany; SSgt Katie Nelams, Det 19,
31WS, Incirlik ABS, Turkey; SSgt Brik Blackford, Det 8,
31WS, Zweibrücken AB, Germany; 1Lt William G. Norrie,
Det 9, 31WS, Comiso AS, Italy; SSgt Ian M. Wildman, Det
9, 31WS, Comiso AS, Italy; Sgt Paula Y. Przybysz, Det 9,
31WS, Comiso AS, Italy; TSgt Randolph A. Morgan, Det
13, 25WS, David-Monahan AFB, Ariz.; Capt Daniel J.
Wieland, det 4, HQ AWS, Andersen AFB, Guam; 1Lt
Michael R. Babcock, det 4, HQ AWS, Andersen AFB,
Guam; Sgt James L. Dodds, Det 4, HQ AWS, Andersen
AFB, Guam; SSgt Henry Jones, det 4, HQ AWS, Andersen
AFB, Guam; Sgt Francis B. Petersen-Lyn, Det 75, 7WS,
Hurlburt Fld, Fla.; TSgt Dennis Griffin, HQ 4WW,
Peterson AFB, Colo.; SSgt Stephen B. Belleville, HQ 4WW,
Peterson AFB, Colo.; SSgt Paul L. Holcombe (1 OLC), Det
18, 30WS, Yongsan AB, Korea; SSgt Jeffrey K. Martin (1
OLC), Det 18, 30WS, Yongsan AB, Korea; Sgt Dale A.
Llewellyn, Det 18, 30WS, Yongsan AB, Korea; SSgt
Edward T. Tudela, Det 17, 24WS/714 AC&W, Cold Bay
AFS, Alaska; TSgt Clifford W. Stevens (2 OLC), HQ
AFGWC, Offutt AFB, Neb.; SrA Dennis P. Davis, HQ
AFGWC, Offutt AFB, Neb.; A1C Vera L. Jordan, HQ
AFGWC, Offutt AFB, Neb.; MSgt Peter B. Michalak (2
OLC), HQ AWS, Scott AFB, Ill.

Army Commendation Medal:

SrA Steve K. Long, HQ AFGWC, Offutt AFB, Neb.;

Air Force Achievement Medal:

A1C Brian W. Ramsey, Det 25, 31WS, Rhein-Main AB,
Germany; Sgt Rhonda K. Gratzl, Det 25, 31WS, Rhein-
Main AB, Germany; TSgt Basil E. Lett, 6WS, Tinker AFB,
Okla.; SSgt Katie Nelams, Det 19, 31WS, Incirlik ABS,
Turkey; 1Lt Terry Zsigray, Det 3, 11WS, Shemya AFB,
Alaska; SSgt Susan C. Murphy, Det 15, 25WS, Luke AFB,
Ariz.; SSgt Michael P. Blomquist, Det 15, 25WS, Luke
AFB, Ariz.; SrA Robert L. Almont, Ill, Det 15, 25WS, Luke
AFB, Ariz.; Sgt Samuel D. Angevine, Det 4, HQ AWS,
Andersen AFB, Guam; A1C Kathy Richmond, Det 4, HQ
AWS, Andersen AFB, Guam; SSgt Clyde R. Hunter, Det 3,
5WS, Ft Bragg, N.C.; SSgt James A. Methven, det 3, 5WS,
Ft Bragg, N.C.; A1C Jeffrey Struebing, det 3, 5WS, Ft
Bragg, N.C.; A1C James C. Parson, Det 18, 30WS, Yongsan
AB, Korea; Capt Carlton F. Brown, HW AFGWC, Offutt
AFB, Neb.; SSgt Kim L. Van Vleet, HQ AFGWC, Offutt
AFB, Neb.; SSgt Henry E. Bergfeld, Jr., HQ AFGWC,
Offutt AFB, Neb.; SSgt Paul K. Gibson, HQ AFGWC,
Offutt AFB, Neb.; SrA Kenneth A. Phelps, HQ AFGWC,
Offutt AFB, Neb.; Maj Martin N. Wisniewski, HQ AWS,
Scott Afb, Ill.; Capt (Now Maj) David L. Wilson, HQ AWS,
Scott AFB, Ill.

Combat Readiness Medal:

TSgt Ralf W. Gruhn, Det 25, 31WS, Rhein-Main AB,
Germany;

Good Conduct Medal:

SSgt Katherine A. Zupan, Det 25, 31WS, Rhein-Main AB,
Germany; SSgt Karlus G. Cessna, Det 15, 9WS, Grand
Forks AFB, N.D.; SA Chuck Elford, Det 19, 31WS, Incirlik
ABS, Turkey; Sgt John Hogan, Det 19, 31WS, Incirlik
ABS, Turkey; SSgt Debbie Lema, Det 19, 31WS, Incirlik
ABS, Turkey; TSgt Cornelius Martin, Det 19, 31WS,
Incirlik ABS, Turkey; Sgt Anthony DiBenedetto, Det 9,
5WS, Ft Rucker, Ala.;

Air Force Longevity Service Award:

Sgt M.G. Stineett, Det 15, 9WS, Grand Forks, N.D.; Sgt
Rebecca Fisher, Det 14, 31WS, Hahn AB, Germany;

VFW World Affairs Award:

TSgt Ernest E. Sweet, Det 16, 9WS, Dyess AFB, Texas;

Master Parachutist Badge:

TSgt Eugene E. Burton, det 3, 5WS, Ft Bragg, N.C.;

Basic Parachutist Badge:

SSgt William A. Jones, Det 3, 5WS, Ft Bragg, N.C.; A1C

Richard D. Sweetman, Det 3, 5WS, Ft Bragg, N.C.;

Excellence-In-Competition Bronze Pistol Shot Badge:

Maj Michael A. Neyland, HQ AWS/CSA, Scott AFB, Ill.

Promotions

To Lieutenant Colonel:

John E. Erickson, Det. 11, 2WS, Patrick AFB, Fla.; James
R. Clark, HQ AFGWC, Offutt AFB, Neb.; William S.
Weaving, HQ AFGWC, Offutt AFB, Neb.

To Major:

William F. Markert, HQ AFGWC, Offutt AFB, Neb.; David
L. Wilson, HQ AWS, Scott AFB, Ill.

To Captain:

Pamela Ribovick, Det. 1, 9WS, Offutt AFB, Neb.; Richard
W. Kinel, HQ 1WW, Hickam AFB, Hawaii; Annamary N.
King, HQ 1WW, Hickam AFB, Hawaii; George F. Howard,
III, Det. 4, HQ AWS, Andersen AFB, Guam; David T.
Miller, Det. 1, 1WW, Nimitz Hill, Guam; Steven E. Musto,
HQ AFGWC, Offutt AFB, Neb.; Michael D. Petticord, HQ
AFGWC, Offutt AFB, Neb.

To First Lieutenant:

Michael R. Babcock, Det.-4, HQ AWS, Andersen AFB,
Guam; Kris A. Hanson, HQ AFGWC, Offutt AFB, Neb.;
Thomas D. Holt, HQ AFGWC, Offutt AFB, Neb.

To Master Sergeant:

Nancy Brooks, Det. 7, 9WS, March AFB, Calif.; Lee R.
Bruce, Det. 17, 1WW, Yokota AB, Japan; James E. Hruz,
HQ 1WW, Hickam AFB, Hawaii; Richard A. Warner, III,
Det. 10, 7WS, Giebelstadt AAF, Germany; Robert W.
Plude, Det. 9, 5WS, Ft. Rucker, Ala.; James Jensen,
Weather Training Branch, Chanute AFB, Ill.; Pieter
Deman, Weather Training Branch, Chanute AFB, Ill.; John
Contarino, HQ AFGWC, Offutt AFB, Neb.; Richard T.J.
Massey, HQ AFGWC, Offutt AFB, Neb.

To Technical Sergeant:

Bryan Logie, Det.-2, 9WS, Castle AFB, Calif.; David
McGee, Det. 2, 9WS, Castle AFB, Calif.; Brian Tenney, Det.
2, 9WS, Castle AFB, Calif.; Curtiss Poorman, Det. 5, 9WS,
Malmstrom AFB, Mont.; Jessica Vowels, Det 7, 9WS,

March AFB, Calif.; Kathy Nakaishi, Det. 21, 9WS, Minot
AFB, N.D.; Donald Jarvinen, Det. 4, 11WS, Ft. Richardson
AIN, Alaska; David Cramblet, Det. 4, 11WS, Ft.
Richardson AIN, Alaska; Dana Shifflet, Det. 11, 25WS,
Cannon AFB, N.M.; James J. Reid, Det. 16, 25WS, Nellis
AFB, Nev.; Bob Kier, Det. 21, 2WW, Kapaun ASN,
Germany; David Hannum, Weather Training Branch,
Chanute AFB, Ill.; Charles Buda, HQ AFGWC, Offutt AFB,
Neb.; David D. Schreiber, HQ AFGWC, Offutt AFB, Neb.;
Anthony Yarn, HQ AFGWC, Offutt AFB, Neb.

To Staff Sergeant:

Tara Carty, Det. 5, 15WS, Dover AFB, Del.; Robert Whittle,
9WS, March AFB, Calif.; David E. DeRung, OL A, Det. 15,
9WS, Hector Field, N.D.; Byung D. Yu, Det. 7, HQ
AFGWC, Carswell AFB, Texas; Robert C. Stivers, Jr., Det.
15, 25WS, Luke AFB, Ariz.; Lester J. Reel, Det. 16, 25WS,
Nellis AFB, Nev.; Robert E. Coleman, Det. 9, 5WS, Ft.
Rucker, Ala.; Kathryn Miller, Weather Training Branch,
Chanute AFB, Ill.; Carlton Wood, Weather Training Branch
Chanute AFB, Ill.; Keith E. Daniels, HQ AFGWC, Offutt
AFB, Neb.

Appointed to Sergeant:

Tara Carty, Det. 5, 15WS, Dover AFB, Del.; Rebecca
Fisher, Det. 14, 31WS, Hahn AB, Germany; Florence
Carmody, Det. 16, 25WS, Nellis AFB, Nev.; Michael
Wright, Det. 9, 5WS, Ft. Rucker, Ala.; Lynwood J. David,
HQ AFGWC, Offutt AFB, Neb.; Glenn H. Wilkinson, HQ
AFGWC, Offutt AFB, Neb.

To Airman First Class:

Katharine J. Coombs, 6WS, Tinker AFB, Okla.; Brian T.
Gipperich, 6WS, Tinker AFB, Okla.; David Skeritt, Det. 18,
25WS, Mt Home AFB, Idaho; Billy J. Tillar, Det. 18,
25WS, Mt Home AFB, Idaho; Richard D. Sweetman, Det.
3, 5WS, Ft. Bragg, N.C.; Lawrence M. Matson, Det. 75,
7WS, Hurlburt Fld, Fla.; Shane Farrow, HQ AFGWC,
Offutt AFB, Neb.; Richard McMillian, HQ AFGWC, Offutt
AFB, Neb.; James M. Vinson, HQ AFGWC, Offutt AFB,
Neb.

To Senior Airman:

Alain Goris, Det. 4, 11WS, Ft. Richardson AIN, Alaska;
Marilyn L. Lules, Det. 75, 7WS, Hurlburt Fld, Fla.; Susan
F. Shumpert, Det. 10, 30WS, Kunsan AB, Korea; Linda M.
Bogart, HQ AFGWC, Offutt AFB, Neb.; Roberta A.
Spangler, HQ AFGWC, Offutt AFB, Neb.

To Airman:

Paul K. Lauher, Det 10, 7WS, Giebelstadt AAF, Germany;



2nd Lt Laura Griest, Col James B. Knight and 1st Lt Susan K. Anderson.

3rd WW Safety Plaque presented

Col James B. Knight, 44th Strategic Missile Wing
commander, at Ellsworth AFB, S.D., recently
presented 1st Lt Susan K. Anderson the 3rd WW
Commander's Safety Plaque and the MAC
Distinguished Individual Safety Award.

While Wing Weather Officer at Det. 17, 9th WS,

Ellsworth AFB, Lieutenant Anderson spearheaded
vast improvements in the safety programs not only at
the detachment, but throughout AWS. Second
Lieutenant Laura Griest took over the Det. 17 program
in October 1983. The result was Lieutenant Anderson
winning the MAC and 3rd WW awards.

AWS Salutes . . .

Unit Honors

Junior Officer of the Quarter (Apr-Jun 84):

1Lt Robert M. Cox for Det. 15, 30WS, Osan AB, Korea; 2Lt Steven D. Erickson for Det. 15, 25WS, Luke AFB, Ariz; Capt James L. Thompson, Det. 11, 1WW, Hickam AFB, Hawaii; 2Lt Jeffrey T. Bernard for Det. 11, 17WS, McChord AFB, Wash.

Senior NCO of the Quarter (Apr-Jun 84):

MSGT David E. Dunklee for Det. 4, 1WW, Hickam AFB, Hawaii; MSGT Jimmie W. Troutman for Det. 5, 4WW, Palehua, Hawaii; MSGT Michael A. Jimenez for HQ AFGWC, Offutt AFB, Neb.

NCO of the Quarter (Apr-Jun 84):

Sgt Byung D. Yu for Det. 7, HQ AFGWC, Carswell AFB, Texas; Sgt Michael J. Przybysz for Det. 10, 30WS, Kunsan AB, Korea; SSgt Kerry L. Joens for Det. 4, 1WW, Hickam AFB, Hawaii; SSgt Clarence R. Seale for Det. 3, 5WS, Ft. Bragg, N.C.; TSgt Steven R. Hahn for Det. 11, 17WS, McChord AFB, Wash; TSgt Ronald L. Williams for Det. 9, 5WS, Ft. Rucker, Ala; SSgt Walter L. Coley, Jr. for Det. 3, 7WS, Heidelberg AAF, Germany; SSgt Sheila A. Johnson for HQ 4WW, Peterson AFB, Colo; SSgt Augustine A. Huerta for HQ AFGWC, Offutt AFB, Neb.

Airman of the Quarter (Apr-Jun 84):

A1C Darren P. Mansfield for Det. 22, 24WS, Keesler AFB, Miss; A1C Lisa Ritter for Det. 7, HQ AFGWC, Carswell AFB, Texas; SrA Steven E. Forbes for OL A, Det. 20, 30WS, Camp Stanley, Korea; A1C Bruce S. Linde for Det. 11, 1WW, Hickam AFB, Hawaii; A1C Jerry C. Brewer for Det. 3, 5WS, Ft. Bragg, N.C.; A1C Raymond A. Sarrazin for Det. 9, 5WS, Ft. Rucker, Ala; A1C Carol A. Eames for Det. 3, 7WS, Heidelberg AAF, Germany; A1C Ethan E. Adams for Det. 30, 2WS, Vandenberg AFB, Calif; A1C Billie J. Parsons for HQ AFGWC, Offutt AFB, Neb.

Forecaster of the Quarter (Apr-Jun 84):

SSgt Cory W. Knowles for Det. 3, 5WS, Ft. Bragg, N.C.

NCO of the Month (Jun 84):

TSgt Phillip G. Abel, Det. 10, 30WS, Kunsan AB, Korea.

Airman of the Month (Jun 84):

SrA Charlene D. Reihle, Det. 10, 30WS, Kunsan AB, Korea.

Data Monitor of the Month (June):

A1C Michael R. Singleton for Det. 11, 1WW, Hickam AFB, Hawaii.

Sustained Superior Performance Award:

Mrs. Carolyn Brown, Det. 22, 24WS, Keesler AFB, Miss; Mr. Fred Baldwin, Det. 7, HQ AFGWC, Carswell AFB, Texas; Ms. Eleanor Turner, HQ 4WW, Peterson AFB, Colo;

3WW Commander's Award:

Maj John E. Oleyar, Det. 17, 9WS, Ellsworth AFB, S.D., for the Outstanding Unit Safety Program.

MAC Distinguished Individual Safety Award:

1Lt Susan K. Anderson, Det. 17, 9WS, Ellsworth AFB, S.D.

Quality Salary Increase:

Mrs. Patricia L. Nun, 25WS, Bergstrom AFB, Texas.

Quality Step Increase:

Rosalie (Rose) C. Stoeckel, HQ AWS/SY, Scott AFB, Ill.

20 Year Certificate of Service:

Glenda J. McColpin, HQ AWS/SE, Scott AFB, Ill.

Education

Air War College, in Residence:

Col Ron Brown, to Air Staff, Pentagon, Washington D.C.; Col Tom Proffitt, to MAC/AD, Scott AFB, Ill; Lt Col John Anthony, to 5WW, Langley AFB, Va.

Army Command and General Staff College, in Residence:

Maj Thomas F. Beaver, to Det. 1, 7 WS, Feucht, FRG.

Air Command and Staff College, in Residence:

Maj Ronald Townsend (Dist Grad), to Det. 8, 1WW, Kadena

AB, Japan; Maj Michael A. Neyland (Dist Grad), to HQ AWS, Scott AFB, Ill; Maj Francis X. Routhier, to Det. 2, 7WS, Hanau, FRG; Maj Robert Prochaska, to Det. 36, 28WS, RAF Alconbury, UK; Maj Steve O. Ouzts, to Det. 16, 31WS, Zaragoza AB, Spain; Maj Robert B. Telefeyan, to Det. 12, 26WS, Plattsburgh AFB, NY; Maj Robert S. Noonan, to Det. 21, 2WS, Edwards AFB, Calif; Maj Stephen Carroll, to Det. 10, 15WS, McGuire AFB, NJ; Maj Edward J. Eadon, to 2WS, Andrews AFB, MD; Maj Gerry F. Riley, Jr., to AFGWC, Offutt AFB, Neb; Maj Melvin Fourroux, to HQ AWS, Scott AFB, Ill.

Army School of the Americas

Maj Douglas Brooks, to HQ AWS, Scott AFB, Ill.

Armed Forces Staff College

Maj Fred Lewis, to MAC/XP, Scott AFB, Ill; Maj Tom Walters, to Air Staff, Washington, D.C.; Maj William Agrella, to HQ AWS, Scott AFB, Ill.

Air Command and Staff College

Capt Dick Ferris, 6WS, Tinker AFB, Okla;

Senior NCO Academy:

SMSGT Bruce D. Silliman, Det. 3, 7WS, Heidelberg AAF, Germany; MSGT Michael A. Jimenez, HQ AFGWC, Offutt AFB, Neb.

NCO Academy:

TSgt Ernest E. Sweet, Det. 16, 9WS, Dyess AFB, Texas; TSgt Ludwik M. Chobot, Det. 7, 24WS, Mather AFB, Calif; TSgt David G. Nelson (DG), Det. 11, 2WS, Patrick AFB, Fla; TGst Earl J. Simon (DG), Det. 30, 2WS, Vandenberg AFB, Calif; TSgt Craig F. Suprenant, Det. 7, 5WS, Ft. Ord, Calif; TGst Tim G. Saladino, HQ 1WW, Hickam AFB, Hawaii; TSgt Fredrick P. Branski, Det. 40, 2WW, RAF Croughton, England; TSgt Kenneth E. Lucius (DG), Det. 75, 7WS, Hurlburt Fld, Fla.

NCO Leadership School:

SSgt James Adams, Det. 11, 9WS, Beale AFB, Calif; SSgt Cynthia L. Rhoda, Det. 31, 15WS, Dobbins AFB, Ga; SSgt Cory W. Knowles, Det. 3, 5WS, Ft. Bragg, N.C.

NCO Preparatory Course:

SrA Ralph D. Getzandanner (HG), Det. 10, 7WS, Giebelstadt AAF, Germany; A1C Kenneth D. Peirce, OL A, Det. 10, 7WS, Wertheim AAF, Germany; SrA Chuck Elford, Det. 19, 31WS, Incirlik AFB, Turkey; SrA Alan Anderson, Det. 19, 31WS, Incirlik AFB, Turkey; SrA Robert J. Hepler, Jr., Det. 40, 2WW, RAF Croughton, England; SrA Paula J. Stovall, Det. 40, 2WW, RAF Croughton, England; A1C Scott B. Armstrong, Det. 40, 2WW, RAF Croughton, England; Sgt Conrad L. Meeks, Det. 3, 9WS, Fairchild AFB, Wash.

Degree Recipients:

SSgt Robert J. Dalpe, III, AA in Liberal Arts, Det. 75, 7WS, Hurlburt Fld, Fla; Capt Lynnette M. Franchi, MS in Meteorology, OL B, 2WS, Kirtland AFB, N.M.

OJT Supervisor's Course:

Sgt James Ford, Det. 2, 9WS, Castle AFB, Calif; Sgt Kathryn Green, Det. 2, 9WS, Castle AFB, Calif.

OJT Manager's Course:

SSgt Joseph M. Stampey, Det. 9, 5WS, Ft. Rucker, Ala; Sgt Anthony DiBenedetto, Det. 9, 5WS, Ft. Rucker, Ala.

Lieutenant's Professional Development Seminar:

1Lt Susan K. Anderson, Det. 17, 9WS, Ellsworth AFB, S.D.

Observer Course:

TSgt Ron Werth, Det. 11, 9WS, Beale AFB, Calif; Sgt Michael Wright, Det. 9, 5WS, Ft. Rucker, Ala.

Satellite Systems and Photo Interpretation Course:

SSgt John Ejadowski, Det. 11, 9WS, Beale AFB, Calif; SSgt Kathy Nakaishi, Det. 21, 9WS, Minot AFB, N.D.

FTD OJT Supervisors and OJT Trainer Courses:

SSgt David E. DeRung, OL D, Det. 15, 9WS, Hector Field, N.D.

Forecaster School:

SSgt Gary C. Price, Det. 31, 15WS, Dobbins AFB, Ga; SSgt Timothy Crume, Det. 3, 5WS, Ft. Bragg, N.C.; SSgt John Jankite, Det. 3, 5WS, Ft. Bragg, N.C.; SSgt Ronald L. Hoover, Det. 11, 2WS, Patrick AFB, Fla.

Weather Technician Course:

SSgt Robert E. Coleman, Det. 9, 5WS, Ft. Rucker, Ala; Sgt Leslie Medlam, Det. 9, 5WS, Ft. Rucker, Ala.

Tropical Weather Analysis and Forecasting Course:

TSgt Thomas D. Garrett, Det. 31, 15WS, Dobbins AFB, Ga.

Basic Survival School:

1Lt Barry Coble, Det. 3, 5WS, Ft. Bragg, N.C.; SSgt Clarence Seale, Det. 3, 5WS, Ft. Bragg, N.C.; A1C David Downey, Det. 3, 5WS, Ft. Bragg, N.C.

Water Survival School:

1Lt Barry Coble, Det. 3, 5WS, Ft. Bragg, N.C.; A1C Jeffery Struebing, Det. 3, 5WS, Ft. Bragg, N.C.

Techniques of Special Operations Course:

2Lt Patrick M. Hayes, Det. 3, 5WS, Ft. Bragg, N.C.; 2Lt Brett W. Scholten, Det. 3, 5WS, Ft. Bragg, N.C.

Basic Parachutists Course:

A1C Lawrence M. Matson, Det. 75, 7WW, Hurlburt Fld, Fla; A1C Jerry D. Gaunt, Det. 75, 7WW, Hurlburt Fld, Fla.

Solar Observing Optical Network Course:

Capt Richard Cannata, Det. 3, 4WW, Ramey, P.R.; TSgt Adrain N. Perry, Det. 9, 4WW, Learmonth, Australia; SSgt Hans C. Hanson, Det. 4, 4WW, Holloman AFB, N.M.; SSgt Rodney E. Gunning, Det. 4, 4WW, Holloman AFB, N.M.; SSgt Thomas O. Kinney, Det. 5, 4WW, Palehua, Hawaii; SSgt James E. Campbell, Det. 7, 4WW, Athens, Greece.

Environmental Support for Electro Optics:

1Lt William D. Hall, Det. 9, 5WS, Ft. Rucker, Ala.

Arrivals And Departures

SSgt John L. McDonald from Det. 31, 15WS, Dobbins AFB, Ga. PCS to Traben Trarbach, Germany; Sgt Marty W. Barton from 6WS, Tinker AFB, Okla PCS to 3351 Student Sq., Chanute AFB, Ill; Sgt Dan W. Stephens from 6WS, Tinker AFB, Okla PCS to 6171 ABS, OL TRSI, Kwang-Ju ABS, Korea; MSGT Leon Milgrom from 6WS, Tinker AFB, Okla PCS to 443 Supply Sq., Altus AFB, Okla; TSgt Raymond J. Lamontagne, Jr., from 6WS, Tinker AFB, Okla PCS to 43rd Trans Sq., Andersen AFB, Guam; TSgt Thomas O. Kinney, Jr., from 6WS, Tinker AFB, Okla PCS to Det. 6, 1WW, Palehua RSC, Hawaii; SSgt Allen E. Brandt from 6WS, Tinker AFB, Okla PCS to 487 Trans Sq., Comiso ASN, Italy; TSgt Basil E. Lett from 3549 USAF Recruiting Sq., OL ED 49, Lawton, Okla to 6WS, Tinker AFB, Okla; Capt Dick Ferris from Det. 4, 1WW, Hickam AFB, Hawaii to 6WS, Tinker AFB, Okla; A1C Michael D. Evans from 3351 Student Sq., Chanute AFB, Ill PCS to 6WS, Tinker AFB, Okla; Amn David C. Filkins from 3351 Student Sq., Chanute AFB, Ill PCS to 6WS, Tinker AFB, Okla; Capt Willow Cliffswallow from AFIT Assignment Naval Post Graduate School, Monterey, Calif to HQ 1WW, Hickam AFB, Hawaii; MSGT Fred Harmon departed Det. 11, 31WS, Spangdahlem AB, Germany; Capt Michael L. D'Spain departed HQ 31WS, Sembach AB, Germany; MSGT Frank L. Fox departed HQ 31WS, Sembach AB, Germany; TSgt Lee Bruce PCS to Det. 17, 1WW, Yokota AB, Japan from Shaw AFB, S.C.; MSgt J.B. McLeod arrives at Det. 7, HQ AFGWC, Carswell AFB, Texas; SSgt James Gowen arrives at Det. 7, HQ AFGWC, Carswell AFB, Texas; A1C Alberto Ortiz departs Det. 7, HQ AFGWC, Carswell AFB, Texas to Upper Heyford, UK; A1C Jody Rogers departs Det. 7, HQ AFGWC, Carswell AFB, Texas to Det. 8, 31 WS, Zweibrücken AB, Germany; SSgt Valerie Swartz arrived at Det. 21, 2WW, Kapaun ASN, Germany; A1C Susan Anley arrived at Det. 21, 2WW, Kapaun ASN, Germany; Capt Steven A. Taylor departs HQ 1WW, Hickam AFB, Hawaii, PCS to AFGWC, Offutt AFB, Neb; Lt Col Darrell L. Lucas departs 15WS, McGuire AFB, N.J., PCS to HQ 1WW, Hickam AFB, Hawaii; SSgt Timothy Crume arrives at Det. 3, 5WS, Ft. Bragg, N.C., from Chanute AFB, Ill; SSgt John Jankite from Det. 4, 17WS, Altus AFB, Okla, to Det. 3, 5WS, Ft. Bragg, N.C.; MSgt Michael P. Fischer from Wheeler AFB, Hawaii, to Det. 6, 5WS, Ft. Lewis AIN, Wash; SSgt Erich Horn from Mather AFB, Calif, to Det. 6, 5WS, Ft. Lewis AIN, Wash; Sgt Maurice A. Williams from Beale AFB, Calif, to Det. 6, 5WS, Ft. Lewis AIN, Wash; SSgt Bruce M. Olson from Det. 6, 5WS, Ft. Lewis AIN, Wash, to Tyndall AFB, Fla; Capt David L. Crevier from Det. 5, 5WS, Ft. Knox, Ky, to HQ 1WW, Hickam AFB, Hawaii; SrA David E. Jarvis arrived at Det. 11, 5WS, Ft. Sill, Okla, from Chanute AFB, Ill; AB Willie L. Waldon, II arrives at Det. 5, 1WW, Clark AB, Philippines; Lt Col David Javier from AFGWC, Offutt AFB, Neb, to HQ 1WW, Hickam AFB, Hawaii; SSgt James C. Campbell arrived at Det. 7, 4WW, Peterson AFB, Colo; MSgt Thomas Klumb departs Det. 4, 4WW, Holloman AFB, N.M. for HQ 4WW, Peterson AFB, Colo; 1Lt Joseph G. Backes departs Det. 4, 4WW, Holloman AFB, N.M. for AFIT at Colorado State Univ.; TSgt Christa B. Zumsande departs Det. 4, 4WW, Holloman AFB, N.M. for OL A, 2WW, Traben-Trarbach, Germany; SSgt Hans C. Hanson departs Det. 11, 9WS, Beale AFB, Calif for Det. 4, 4WW, Holloman AFB, N.M.; Maj Stuart Wadleigh departs Det. 20, 17WS, Little Rock AFB, Ark for HQ 4WW, Peterson AFB, Colo; 1Lt Giles Cherrick departs 1866 FCS, AFCC, Scott AFB, Ill for HQ 4WW, Peterson AFB, Colo; SSgt Rodney Gunning departs Det. 19, 30WS, Camp Humphreys, Korea for Det. 4, 4WW, Holloman AFB, N.M.; Lt Col Lyman Kaiser departs AFGWC, Offutt AFB, Neb for HQ 4WW, Peterson AFB, Colo; Capt Lynnette M. Franchi arrived at OL B, 2WS, Kirtland AFB, N.M., from Colorado State Univ., Ft. Collins, Colo; Maj Frank L. Kendrick departs Det. 17, 24WS, Williams AFB, Ariz, for Germany; 1Lt Richard V. Greene arrives at Det. 17, 24WS, Williams AFB, Ariz.

Scientific contributions

The following articles or papers have been published or printed as shown. Submissions to be included in this column should be sent to: HQ AWS/DN, Scott AFB, IL 62225-5008.

Caspian Sea Jet Stream Clouds by SSgt Walter D. Wilkerson, AFGWC, Offutt AFB, Neb, published in the National Weather Digest, Vol. 9, No. 2, May 1984.

The Air Force Air Weather Service's Requirements for Global Meteorological Data by Lt Col Douglas Moore and Lt Col Robert Peterson, AWS/DNX, published in Applied Optics, August 1984.

26WS commanders meet

When the 26th Weather Squadron staff and 12 detachment commanders met for their annual Staff Weather Officers conference at Barksdale AFB, La., they talked about many things.

Eighth Air Force Commander Lt Gen William J. Campbell's, opening remarks showed extensive meteorological acumen and a keen awareness of the problems encountered by AWS in its efforts to provide timely and accurate information.

Along these lines, the general suggested an automated—relay system for weather data between Air Force Aircraft and Air Force Global Weather Central. He also suggested that, with current technology, such a system would increase the amount of information on current atmospheric conditions and would increase the accuracy of forecasts. The present system relies on voice report from aircrews and suffers from time delays in transmission and collection.

Col Billy Moore, 3rd WW commander, also spoke of new equipment that will be implemented in the near future. Systems like the Satellite Data Handling System, Digital Barometer/Altimeter Setting Indicator, Automated Weather Distribution System and new tactical meteorological equipment were discussed.

Personnel subjects were also covered and Colonel Moore acknowledged that with diversified state-of-the-art

equipment, highly trained individuals are continually in demand. He stressed the AWS is characterized by highly motivated dedicated technical staff, even though competition for such quality individuals is keen in the civilian sector.

Other topics discussed were SAC support, scientific aspects of weather and management ideas for weather station operations.

At the end of the conference, Lt Gen Campbell presented Maj Alan Ronn, commander Det 28, Wurtsmith AFB, Mich., the 8AF Outstanding Weather Unit Award.

Also attending the 26th WS annual Staff Weather Officer conference were: CMSgt Al Griffis, 3rd WW/CMS; Lt Col David Booth, Det. 22/CC, Carswell AFB, Texas; Capt Lyle Cubberly, Det. 4/CC, Loring AFB, Maine; Capt Jeppie Compton, Det. 24/CC, KI Sawyer AFB, Mich.; Lt Col Patrick Larkin, 26th WS/CC; Maj Thomas Egelston, Det. 14/CC, Blytheville AFB, Ark.; Capt Willis Shanor, Det. 19/CC, Whiteman AFB, Mo.; Lt Col J. W. Sartor, Det. 20/CC, Barksdale AFB, La.; Maj M.S. Risch, Det. 8/CC, Grissom AFB, Ind.; Capt Glynn Jensen, Det. 8/CC, Griffiss AFB, NY; Lt Col George Duffield, 26th WS/DO; CMSgt Duane Chilton, 26th WS/DOS; Capt Danny Pophin, 26th WS/DON; Capt Michael Remeika, 26th WS/DON; Maj R. Martin, 26th WS/DOO; MSgt Tx Vogler, 26th WS/DOS and Lt Col W.D. Klein, 9th WS/DO.



CINCMAC visits AFGWC, 3WW

Gen. Thomas M. Ryan Jr., commander in chief, Military Airlift Command, recently visited Offutt AFB, Neb. While there, General Ryan visited AFGWC, 3rd WW, and Det. 1, 9th WS. Here, Maj Kirk Lehneis, C-team

operations officer briefs General Ryan on forecasting aids used at AFGWC. Looking on is Col George Frederick, chief, Forecasting Services Division. (Reprinted from "Air Pulse.")

Russell rated best for 1983, receives Army support award

by Tani Sanchez

All across the country, Air Force forecasters and meteorologists are supporting Army units and commands, giving them the information they need to plan their ground missions.

And, of all the supporting weather station commanders across the country, Fort Lewis' Maj. Charles M. Russell was rated the best in 1983.

In a simple ceremony June 13, Col Steven L. Arnold, I Corps Chief of Staff, presented Russell with a commemorative plaque. The award, one of five given during the year, is made by 5th Weather Wing, which supervises and directs all Air Force Army weather support operations.

Russell has been in the meteorology field for 15 years. He's always had an interest in the weather. He explains, "I grew up in the tornado belt of southern Illinois, in severe storm areas, and weather always fascinated me. It scared me when I was young, but it became more fascinating as I grew into my high school and college days."

Russell describes his Fort Lewis assignment as one of his most challenging professionally. He describes supporting the Army as "complex" and he adds, "You have to become quite knowledgeable in tactical communications. The mission of the unit in the Army is a little more difficult to support than an Air Force mission, in that the weather intelligence you provide has to be completely integrated into the ground commander's decision making matrix."

Weather information is used to help plan aviation, artillery and chemical strategies. Russell notes that low altitude Army aircraft are especially affected by weather. Says Russell, "You have to have quite a bit of wind, for instance, to move a C-141 around in the air, but a lesser amount will really shake up a helicopter. We have to be on our toes."

Russell feels it is important to be close to the "customer" and understand the Army's role and what it is trying to do. (Reprinted from the "RANGER," Ft. Lewis, Wash.)

20 years at Osan base weather

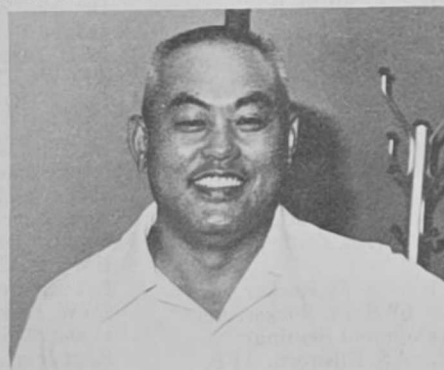
Twenty years may seem like a long full career for some, but not to Mr. Yi, Chong Kwan.

Mr. Yi recently celebrated his 20th anniversary of joining the AWS family.

He began his weather training while in the Republic of Korea Air Force in November 1952. After basic training, he was sent to ROKAF Weather Observer School. Under the Mutual Aid Program, Mr. Yi was sent to Chanute AFB, Ill., in 1956 for USAF Weather Observer training. He later completed both the ROKAF and USAF Weather Forecaster, Modern Weather Techniques, Satellite Interpretation, Tropical Meteorology and Weather Radar Schools.

Originally from Seoul, Mr. Yi moved to Song Tan Si, the host city for Osan AB, shortly after he began working as a civilian weather forecaster at Det. 15, 30WS.

Mr. Yi has seen many changes, including 25 detachment commanders, during his 20 years at Osan's weather



station. He is highly respected by coworkers and forecasters and is regarded as Det. 15's resident expert in Korean meteorology. Being fluent in both Korean and English, Mr. Yi has been an invaluable asset to both American and Korean aircrews and weather personnel that visit Osan.

Twenty years after joining AWS, Mr. Yi isn't ready to leave. He says at least 10 more years are in sight.

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