

FILE: OI INF 6
By

Recon men save three

KEESLER AFB, MS—When five weathermen of Detachment 5, Headquarters Air Weather Service here, saw the figures clutching at what remained of their rapidly sinking boat, they knew quick action was needed. They responded and three lives, in all probability, were kept from being claimed by the Gulf of Mexico.

The event took place off the Mississippi coast when Albert Stewart and his two young sons seined for shrimp from the rear of their boat and 2nd Lt. Kenneth Dropco, TSgt. Clarence Miller, SrA Larry Haynes and Mike Rogers, and A1C Mike Ouellette fished for whatever was biting that day.

Earlier, as Mr. Stewart's boat towed a large shrimping net, its engine failed, permitting his net to sink and pull the back of the boat downward. As this happened, water poured over the stern. Before Mr. Stewart could restart the engine the boat had taken on so much water its stern settled and began to sink. The man and his sons were forced to leave

the inside of their craft and clutch at its bow, the only part remaining above water.

It was at this time the five weathermen saw the three figures treading water trying to stay afloat. Quickly they went to the victims' aid, pulling them into their boat.

Unable to contact the Coast Guard by radio to ask for assistance, the weathermen tried to salvage as much of the shrimp fisherman's equipment as possible, then decided to hook on to his 14-foot boat and tow it to shore.

As the shrimp boat was hauled toward shore, enough water became displaced to allow it to float once more.

The father and sons were delivered safely to a nearby marina and the weathermen returned to the Gulf of Mexico to fish—this time for fish—which one of the men said were biting "only fair." (Provided by Capt. J.S. Perkins)

AIR WEATHER SERVICE OBSERVER

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34 AWS master sergeants receive senior stripes

SCOTT AFB, IL—Thirty four Air Weather Service (AWS) master sergeants and one former AWS member, now a first sergeant*, were recently selected to become senior master sergeants.

By senior unit, they are:

AWS

Larry L. Steele and Karl Hammerdorfer.

1st Weather Wing (WW)

William Cofield Jr., MAC Training Advisor; Robert W. Overby, Detachment (Det.) 5; Charles F. Lutz, Det. 6; and Joseph Santaniello, Det. 1, 30th Weather Squadron (WS).

2WW

Kenneth R. Wolfe, Det. 3; Wallace J. Swenson, Det. 40; and Gary Lifer, Det. 51. From the 7WS: Jerry D. Farley, Det. 12; and Alfred L. Schwigel, Det. 11. From the 31WS: Harvey R. Hurtt, Det. 8.

3WW

Dale M. Smith, headquarters; From the 11WS, Robert O. Jones, Headquarters; and Carl H. McCutcheon, Det. 2. Others are Alton W. Badman, Det. 15, 9WS; William E. Caudell, Det. 27, 12WS; and Jerry C. Cutrer, Det. 20, 26WS.

5WW

Horace Kirkman, Headquarters; Norman B. Cleghorn, Det. 1, 5WS,

Juan M. Longoria, Det. 75, 3WS; and Julian O. Sandoval, Det. 1, 24WS.

Air Force Global Weather Central

Alfred W. Griffis, Alan C. Snyder and Paul R. Horne, Headquarters. From the Environmental Technical Applications Center are Dale L. Marks and Kenneth L. Pattison. From the 2WS are: John L. Williams, Det. 10; Clyde A. Cook, Det. 21; Thomas Lettenberger and Michael Preston, Det. 30; Irving L. Skov, headquarters; and Warren M. Jones, Det. 50.

Chanute AFB, IL

Albert K. Barnes, student; and William Harrah*

ALMOST A ROUTINE is the filling out of a donor's form by Brig. Gen. Berry W. Rowe, Air Weather Service commander, during a recent Scott AFB, IL, blood drive. It was "almost routine" because this one is the latest of the pints of blood given and completes his second donated gallon. Filling out the form is Red Cross volunteer Rose Morris. (U.S. Air Force photo by Capt. Rodney West, AWS)



Jaycee honor

J. Hawk 'outstanding young man—1977'

MONTGOMERY, AL—The board of advisors for the Outstanding Young Men of America (OYMA) Awards Program again chose an Air Weather Service man for the honor—Maj. John D. Hawk, 7th Weather Squadron, Heidelberg AI, Germany.

The OYMA Program is co-sponsored by the U.S. Jaycees and other leading men's civic and service organizations throughout the nation.

According to Doug Blankenship, U.S. Jaycee past president and chairman of the program's 12-man advisory board, "In every community there are young men working diligently to make their cities, as well as their country, better places in which to live. These men, having distinguished themselves in one or more fields of

endeavor, are outstanding and deserve to be recognized for their achievements."

Each year approximately 11,000 persons are chosen for the honor.



Maj. John D. Hawk

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Command line:

Present acts build more proud history

By now I hope all of you have seen the July issue of our OBSERVER. It commemorated the 40 years people like us have met the weather information needs of the Army and, subsequently, the Air Force.

The many achievements of those who built our Service deserve such recognition. In time, the contribution each of us is making to the continuing evolution of our Service will receive similar recognition by those who follow. I can assure you that this is so from my vantage point, for it permits me to assess the cumulative result of your individual efforts. The job you are doing (as attested to by the favorable comments being received from the commands you serve) is absolutely great.

NEW CHALLENGE

The overriding challenge we face today is to make better use of what we have—then find ways to do even better.

In the Air Weather Service (AWS) we are meeting that challenge—in spades! The evidence? Our young detachment forecaster force (many of them E-4s and E-5s) are achieving skill scores that would have impressed even the most critical of AWS' past commanders. This reflects not only individual skills

but the teamwork and leadership of our NCOs and officers at detachment level. Such efforts have received strong assistance from the young technical experts and leaders of our squadrons and wings.

TOP PEOPLE TOP JOB

Our young officers are applying new skills to evolving service requirements that existed only in the imagination of our counterparts of yesteryear.

Our senior NCOs are taking on responsibilities and performing jobs at higher levels than ever before in AWS' history—and doing superbly.

Our scientists and managers in specialized jobs are pushing back frontiers on an incredibly routine basis.

There are many, many more examples of super achievements: by our men and women who maintain our equipment and those who use it to provide observations; by our people who work in staff positions, both here at Scott AFB and elsewhere throughout the command; and by our weather people who daily face hazards parachuting and in duty aboard weather reconnaissance aircraft.



Brig. Gen. Berry W. Rowe
AWS commander

The total composite of these achievements exemplifies that challenge of doing better with what we have—and doing more, particularly since we have done it throughout the turbulence of recent months and years.

Let there be no doubt, therefore, that those of us who remain when our 50th year of service arrives will be able to look back on what we do now with pride and the full knowledge that we were equal to the challenge.

Scott AFB, IL

MAWS makes fine showing

SCOTT AFB, IL—This year Scott AFB, IL, gained a one-of-a-kind Air Force weather system. It is the Modular Automated Weather System (MAWS).

MAWS uses computerization to do much of its job. The computer works with weather sensing and measuring equipment located at strategic spots around the airfield runway; at both ends and mid point of the runway and two levels of a 150-foot tower.

A microprocessor, functioning like a minicomputer, is linked to the weather equipment at each location. It takes the raw data from the weather sensors, digitizes it and relays it to a base weather station minicomputer. The minicomputer processes and stores the data then, when requested, sends it on

to the display units in Scott AFB's Operations Center, base weather station, MAC Operations Center and Headquarters AWS.

In addition to transmitting current weather information, the minicomputer handles short range forecasts and other chores around a normal base weather station.

Automated weather systems have been proposed for AWS weather stations support Army and Air Force installations.

Scott AFB has a demonstration model, but it is the Air Force's first try at a fully automated weather system such as the ones used by the National Weather Service, Federal Aviation Agency and other federal organizations.

Three people want to swap assignments with other persons of the same specialty code. They are:
70270—SSgt. M.W. Pelletier, 14 Beacon Road, Presque Isle, ME (Loring AFB, ME), wants Pease AFB, NH.
25170—SSgt. Paul L. McCloud,

55A Eucalyptus Drive, Salinas, CA 93901 (Ft. Ord, CA) wants to go anywhere in Washington state or Montana.

25150—SrA James M. White, 1015 East 2nd Street, Apt-3, Duluth, MN 55805 (Duluth AFB, MN) wants to go anywhere on the East Coast.

Swap list

Brig. Gen. Berry W. Rowe
Commander, Air Weather Service
David F. Barr
Editor

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Enlisted line

NCO shift jobs fade

"NCO forecasters can look forward to a career of shift work!"

That was a partially true statement 10 years ago; it is less true in these 1970s; and will be totally untrue with the single career ladder.

Even the term "forecaster" is becoming obsolete. We are planning sufficient authorizations for all E-9s and E-8s, for most E-7s, and a good share of the E-6 dual-qualified people to be in management, supervisory or other non shift-work positions.

As of May 1977 we had slots for 1,089 dual-qualified 251X0s. By 1981 all 252X1 slots will be converted and 251X0 dual-qualified authorizations will increase to 1,300.

As these authorizations increase through the 1970s, there will be a corresponding increase in NCO supervisory jobs. We have made a good start with nin NCO detachment commanders (Detcos), more than 30 stations chiefs and an increase of 25170s and 25190s at squadrons and higher.

By the end of 1980 we project 165 NCO Detcos and station chiefs. In addition, all squadron, wing and command headquarter 252X1 positions will be converted to and filled by 25170s and 25190s.

There will be dual-qualified people in many other non shift-work positions such as MAC (Military Airlift Command) Technical Advisors or MTAs; instructors at Chanute AFB, IL; at automated weather network switches; at the Air Force Global Weather Central (AFGWC) or the Environmental Technical Applications Center; at the space environmental support system sites or some operating locations (OLs) and ranges. In all, there will be approximately 330 NCO manager or supervisor jobs—about 24 per cent of our force.



CMSgt. Howard M. Bock
AWS senior enlisted advisor

The meaning is clear—a significantly higher percentage of NCO day jobs than when most detachments had a chief observer and many dets. had NCO chief forecasters or contingency support forecasters.

Many shift jobs will be available which will allow junior 251X0s to develop the skills needed to move up in grade. We are now assigning grades to the station chief and other positions that will be on the books in 1981 and some MTA positions and station chief positions in smaller dets. are being considered for E-6 positions. In some instances, E-5s may fill these slots as well as supervisory jobs at OLs and ranges. At AFGWC we already have E-5 and E-6 251X0s in supervisory positions.

The "NCO career shift forecaster" tradition is going as we convert slots and put more dual-qualified people into supervisory and management jobs. We are in the "corfram era"—don't keep looking back to the "brown shoe era" and treading water—help lead AWS into the future.

Let's swap

Present wing: (Circle) 1 2 3 5 7 AFGWC

Rank/Name: _____

CAFSC: _____ Base: _____

Mail Address: _____

Want to go: _____

The eligibility rules for exchanging assignments are contained in AFR 39-11. If you meet the criteria and want to swap, fill coupon and send to: AWS/CMS, Scott AFB, IL, 62225.

permission, but credit to the Air Weather Service OBSERVER is requested. News, features, art or photographic material is solicited from readers, but publication depends on the judgement of the OBSERVER staff. No payment will be made for contributions. Paid advertising is not accepted. Editorial office phone numbers are: 618 256-5003/4615 or Autovon 638-5003/4615.

Weather whys???

Q. I do not want to commit myself to a forecaster school class until I am proficient in mathematics. Is there some way I can apply for the math correspondence course without applying for school?

A. Yes, there is. Math proficiency is a prerequisite for entry into the temporary duty forecasters course (3AAR 25170), which begins in February 1978. Normally 25150s, except recent retrainees into weather who must complete 3AAR 25170 within a time limit, will not be selected for school until they complete the math correspondence course. You may apply for the NAVEDTRA Course 10448-1, Mathematics Part I, through your base education office. You may then apply for forecasters school at a later date.

I suggest you apply now and get a class quota in the time frame you feel is best for you. In the event you have problems completing the match course you may even have your class date slipped further downstream as necessary.

Q. Are there any standard procedures to apply for NCO Detachment Chief positions?

A. Allocation procedures for Air Weather Service Detachment Chief (NCO commander) positions were recently published in AFR 39-11. E-7 through E-9 25170s or 25190s may apply through their consolidated base personnel office to MAC/DPRA, Scott AFB, IL 62225.

Applicants must meet the requirements in item 25, Figure 8-1. You may apply for the continental U.S. or

overseas (accompanied or unaccompanied positions). Tour lengths are listed in item 26, Table 8-1. The AF Form 109 should have attached a full-length photo in combination-I uniform, copies of your last five Airman Performance Reports (and the last three must be nines) and a current career brief.

Q. I'm confused. Note 32 of the USAF Retraining Advisory states retraining out of AWS is restricted except for retraining into AFSC 251XO, yet retraining applications should be forwarded to AWS/CC. Can I or can I not, as a 25271, apply for retraining?

A. The printer's gremlin confused us all by dropping a sentence from Note 32. People may apply for retraining out of AWS—and Note 32 is being corrected. You may apply through normal channels but due to our critical shortage of forecasters and observers, there are "restrictions." Each application should have an attached letter to Brig. Gen. (Berry W.) Rowe. He personally reviews all requests for cross training.

Anniversary ceremony

Charter member at 15th's 35th

WPAFB, OH—This year, in a special ceremony attended by Lt. Gen. George Rhodes, Air Force Logistics Command vice commander, the 15th Weather Squadron was recognized for having served its customers 35 years. Taking part in the celebration was one of the unit's founders, Tom Brierly.

One morning, earlier, as he worked at the National Weather

Service (NWS) at Dayton, OH's Cox Municipal Airport, Mr. Brierly was called to the telephone. He answered in his usual friendly fashion, but the smile on his face soon changed. His next statement

clearly told of his disbelief, "You've got to be joking."

The call came from the 15th Weather Squadron and Mr. Brierly had just been asked to celebrate the unit's 35th anniversary as its honored guest.

Later, the now silver-haired, middle-aged weatherman let his mind wander back to the days the unit came into being.

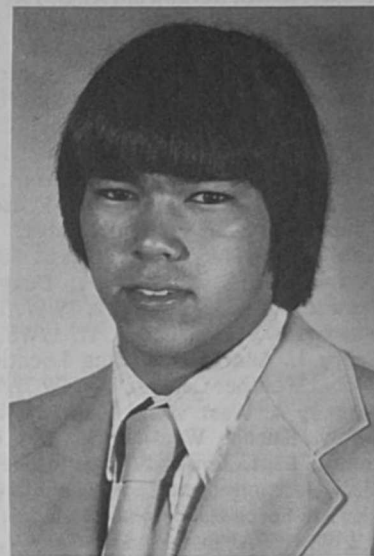
"I was in the squadron when it was first activated back in 1942 at McClellan Field, CA."

Starting from that point he told of the days when he and the other 239 members of the unit went overseas, first to Australia then to New Guinea. "When the monsoon season began, we got a quarter of an inch of rain on the first day. Then we got a half inch the next day. Then we got an inch. Before it was over," Mr. Brierly said, "I measured more than 18 inches of rain in a two-hour period. We almost drowned on the water in the air; it collected in our lungs."

Mr. Brierly, during the anniversary celebration, received a framed print of the organization's insignia from Col. John Oliphant, unit commander.

From the day the unit was formed, it moved to Australia, New Guinea, on to the Philippine Islands then to Kadena Army Air Base, Okinawa, where it earned the Air Force Outstanding Unit Award.

The unit was deactivated in 1959, but reestablished at Charleston AFB, SC, in 1961. From Charleston AFB it moved to McGuire AFB, NJ, then to Scott AFB, IL. Finally the 15WS moved to WPAFB where it serves the Air Force Logistics Command through several outlying units.



ACADEMY BOUND is Michael D. Walker, son of MSgt. and Mrs. Robert F. Walker, Detachment 4, 7th Weather Wing, Altus AFB, OK. Michael will be a member of the Air Force Academy's 1981 class. He is a four-year member of the Oklahoma Honor Society (for academic excellence) and was salutatorian of his graduating class. He was appointed to both the Naval and Air Force Academies, but said his choice, "was not influenced by his father's blue suit." Sergeant Walker is his unit's chief forecaster. (U.S. Air Force photo)



COL. JOHN OLIPHANT, flanked by Mr. and Mrs. Tom Brierly, prepares to cut the cake which acknowledges the 35th anniversary of the 15th Weather Squadron, the unit Colonel Oliphant com-

mands. Mr. Brierly was among the original 240 members of the unit when it was formed in 1942. (U.S. Air Force photo)

In memoriam

Pro. Tor Bergeron, formerly of the Meteorological Institute, Royal University of Uppsala, Sweden, died June 13, according to Mr. Gosta H. Liljequist, also of the Institute. Professor Bergeron was a retired senior professor there.

Personnel shorts

Did you know:

- Basic allowance for subsistence (BAS) policy was changed to insure more uniform application throughout the Air Force? AF is trying to provide all single airmen, except basic trainees and people on certain remote tours, "Weekend BAS" (two days per week).
- As of July 1, 1977, state taxes were withheld from many military members' paychecks?
- Fiscal year 1978 Airman Education and Commissioning Program (AECPP) applications are being accepted? Meteorology is one of the 200 technical field slots available.
- Effective Airman Performance Report indorsements are short, to the point and include a significant achievement not covered elsewhere? Wordy, weak and unsubstantiated indorsements serve little purpose.
- Average time between permanent change of station moves is now almost 30 months? Assignment policy changes insure further increases.
- Only graduates of accredited AF NCO Academies (NCOA) may

wear the USAF NCOA Graduate Ribbon? Graduates of the USAF Senior NCOA resident course get an oak leaf cluster. NCO Leadership Schools and correspondence NCOA or Senior NCOA do not qualify a person to wear the ribbon or cluster.

• Study reference lists are established for the USAF Supervisory Examinations? A fact sheet will be mailed to every person eligible for E-8 and E-9 during the next cycle.

• There are about 150 E-8 and E-9 25XXXs in AWS? Of these only seven have no professional military education (PME). No E-8 without PME was promoted to chief master sergeant and most senior NCOS have college credits.

• The time for you to get your Community College of the Air Force (CCAF) package in has almost run out? There is a 2-3 month backlog of them at Lackland AFB, TX. People should process their records immediately to make sure the CCAF evaluation is available before any cutoff of the upcoming E-8 and E-9 promotion cycles.

AWS salutes. . . .

Medals

Meritorious Service Medal: (two oak leaf clusters) (OLC) **CMSgt. George J. Krause**, Headquarters, Air Weather Service (AWS), Scott AFB, IL. (Basic medal) **SMSgt. Arthur L. Ketterling**, Detachment (Det.) 6, 6th Weather Squadron (WS) Ellsworth AFB, SD; **MSgt. Richard Mills**, Det. 5, AWS, Keesler AFB, MS; and **MSgt. Paul L. Schoen**, Det. 10, 2WS, Eglin AFB, FL.

Air Force Commendation Medal: (Two OLC) **Maj. George E. Wadagnolo Jr.**, AWS. (One OLC) **MSgt. John L. Williams**, Det. 10, 2WS, Eglin AFB, FL; **Maj. Robert K. Kooser**, 25WS, Bergstrom AFB, TX; **TSgt. Irvin W. Pardoe**, TUSLOG Det. 2; **SSgt. James W. Misenheimer**, Det. 11, 2WS, Patrick AFB, FL; and **Capt. George A. Carlsgaard**, Det. 1, 3WS, Shaw AFB, SC. (Basic Medal) **Capt. John A. Kohan** and **1st Lt. James E. Woodard Jr.**, 2nd Weather Wing (WW), Kapaun Bks., Germany; **Capt. Marcus D. Bailey** and **SSgt. George K. Strunk**, Det. 11, 7WS, Coleman Bks., Germany; **SrA Clifford W. Stevens**, Det. 41, 12WS, Ft. Lee AFS, VA; **SSgt. Raymond W. Kruser**, Det. 23, 26WS, McConnell AFB, KS; **Capt. Robert Brines**, Det. 5, AWS, Keesler AFB, MS; **TSgt. John B. Gunderson**, Det. 22, 26WS, Carswell AFB, TX; **Cpts. Douglas R. Goodman** and **Donald D. McGrew**, Det. 2, 7WW, Travis AFB, CA; **MSgt. Herbert W. Barnes**, Det. 11, 12WS, Luke AFB, AZ; **SSgt. Terry L. Sharp**, Operating Location (OL) B, Air Force Global Weather Central (AFGWC), Boulder City, CO; **Capt. Rodney A. West**, AWS; **Capt. Howard W. Balentine**, U.S. Army, Europe Weather Support Unit, Heidelberg, Germany; **SSgt. James W. Austin**, Det. 4, 7WS, Schwaebisch Hall, Germany; and **SSgt. Kenneth L. Gregg**, AWS.

Air Force Good Conduct Medal: **Sgt. Donald Allen**, Det. 1, 2WS, WPAFB, OH; **SrA Gary V. Kitching** and **Brian L. Livingston**, Det. 40, 2WW, RAF Croughton, UK; **SrA Newton A. Reid**, TUSLOG Det. 2; **SrA Trude L. Hill**, Det. 23, 26WS, McConnell AFB, KS; **SrA Janet L. Metzger**, OL-A, Det. 21, 5WS, Ft. Stewart, GA; **Sgt. Toni D. Humphrey** and **SSgt. Dennis L. Lien**, Det. 14, 7WW, Norton AFB, CA; **SrA Hobby H. Gotthardt**, Det. 2, 7WW, Travis AFB, CA; **SrA William E. Patterson**, Det. 12, 25WS, George AFB, CA; and **Sgt. Donald G. Keene**, OL-A, Det. 21, 5WS, Ft. Stewart, GA.

Special honors

A1C Heather A. Ford, Det. 5, AWS, Keesler AFB, MS, received special recognition for her earlier work as a member of the Clark AB, RP, Enlisted Advisory Council.

1st Lt. John F. Snyder, Det. 11, 2WS, Patrick AFB, FL is his base's second quarter Company Grade Officer of the Quarter. Lieutenant Snyder is a staff weather officer.

Recon

Capt. John E. Holdner, Det. 16, 31WS, Zaragoza AB, Spain, submitted two suggestions which saved the Air Force \$38,000. In the same unit, **MSgt. Bruce Brattlof** suggested deletion of the base's hourly observations and earned \$350. He made other suggestions.

Education

Capt. John A. Kohan, 2WW, Kapaun Bks., Germany, received a masters degree in public administration.

Capt. Ray G. Bonesteale, AWS, Scott AFB, IL, was awarded doctoral degree in meteorology from St. Louis (MO) University recently.

Capt. Howard W. Balentine, U.S. Army, Europe Weather Support Unit, Heidelberg, Germany, completed requirements for a masters degree in business administration from Boston University.

SMSgt. Fortunato Moreno Jr., Det. 7, 15WS, Kelly AFB, TX, was among the initial group to receive degrees through the Community College of the Air Force (CCAF). His degree is in weather observation technology.

Master of arts degrees in business administration from the University of Nebraska-Lincoln went to three AFGWC men. They are **Col. William D. Brockmeyer**, **Capt. David A. Kolarik** and **Maj. Richard L. Thompson**.

Bachelor of arts degrees in general studies went to a

pair of AFGWC men, **SSgt. Robert M. Jacobsen** and **SMSgt. Harvey D. McInnis**.

MSgt. Jerry R. Kennedy, Dept. 12, 25WS, George AFB, CA, is among the first group to receive an associate in applied science degree through the CCAF.

MSgt. Milorad R. Knezevich, OL-B, 7WS, Moehringen City, Germany, completed all required courses for a bachelors degree. He will receive a bachelor of arts degree in history from the Christopher Newport College of the College of William and Mary according to reports.

SSgt. James K. McQuade, OL-B, Det. 12, 7WS, Baumholder, Germany, received a master of science degree in education from the University of Southern California.

Service schools

TSgt. Philip D. Henderson, Det. 1, 7WS, Feucht, Germany, is reported to be the first 2WW NCO to win the Europe NCOA Academic Award.

At Chanute AFB, IL, **Sgt. Stephen D. Patterson**, Det. 10, 2WS, Eglin AFB, FL, was honor graduate (HG) in his forecasting class; **Maj. Max Peek**, Det. 1, 2WS, WPAFB, OH, completed the Weather Satellite Systems and Photo Interpretation Course, as did **MSgt. Berth C. Frankowiak**, Det. 14, 7WW, Norton AFB, CA; **MSgt. William I. Willis**, Det. 9, 5WS, Ft. Rucker, AL, completed the Staff Weather Officer School, as did **Capt. Michael J. Baker**, also of Det. 9, 5WS.

Completing the Senior NCOA were **MSgt. Wallace J. Swenson**, Det. 40, 2WW, RAF Croughton, UK; and **MSgt. Gerald Berth**, Det. 5, 7WW, Dover AFB, DE.

Completing the NCO Leadership School (NCLS) were **Sgt. James Blackburn**, Det. 25, 5WW, Howard AFB, CZ; **SSgt. Gerald A. Duperault**, Det. 21, 2WW, Kindsbach, Germany; **SSgt. Carl L.V. White Jr.**, Det. 2, 31WS, Ramstein AB, Germany; and in a runaway in the honors department, **Sgt. George M. Harvey**, Det. 23, 3WS, Moody AFB, GA, took the Commandant's Award, was Distinguished Graduate (DG), an Honor Guard member and took the Sports Achievement Award.

TSgt. James C. Brooks, Det. 3, 6WS, McGuire AFB, NJ, was an HG of his NCOA class.

Sgt. Sharon A. Pettrey, Det. 10, 2WS, Eglin AFB, FL, completed the NCLS.

SSgt. George M. Luth, Det. 12, 7WW, Richards-Gebaur AFB, MO, completed the NCLS.

MSgts. John A. Machian and **Fred E. Twitchell**, AFGWC, completed the NCOA.

Sgt. Robert Cari, Det. 8, 26WS, Griffiss AFB, NY, completed the NCLS as a DG and was a member of the Honor Guard.

TSgt. William E. Phillips, Det. 11, 9WS, Beale AFB, CA, was HG in his NCOA class.

TSgt. Philip L. Herndon, 1WW, Hickam AFB, HI, was a DG in his NCOA class.

Majs. Michael G. Olivier and **James T. Holland**, 24WS, Randolph AFB, TX, completed the Industrial College of the Armed Forces.

Unit honors

Sgt. Christopher A. Cantrell, Det. 40, 2WW, RAF Croughton, UK, received double honors when he was chosen as his unit's Editor of the Quarter (EOQ) as well as its NCO of the Quarter (NCOQ).

The 2WW presented Forecasting Excellence Awards for January through March 1977 to Det. 2, 7WS, Hauau; Det. 5, 7WS, Katterbach; Det. 10, 7WS, Kitzingen; and Det. 12, Finthen—all in Germany.

Airman of the Quarter (AOQ) honors for their respective units went to **SrA Newton A. Reid**, TUSLOG Det. 2 (as well as squadron and wing level competition); **A1C Earl C. Combs**, Det. 41, 12WS, Ft. Lee AFS, VA; **SrA Stanley A. Czeckis** for the 2WW's first quarter; **A1C Dana K. Troutman**, for Det. 14, 26WS, Blytheville AFB, AR's third quarter; **SrA Kim J. Greeley**, Det. 21, 2WS, Edwards AFB, CA (also squadron honors); **SrA Robert Cunningham**, Det. 21, 9WS, Minot AFB, ND; and **A1C Arnold R. Witt**, Det. 11, 2WS, Patrick AFB, FL (2nd quarter).

Other NCOQ honors went to **SSgt. Alvin D. Phillips**, TUSLOG Det. 2; **TSgt. Frederick L. Watterson**, Det. 41, 12WS, Ft. Lee AFS, VA; **SSgt. William M. Fisher**, Det. 11,

2WS, Patrick AFB FL (2nd quarter); and **TSgt. Joe B. Carpenter**, Det. 10, 2WS, Eglin AFB, FL, who took the 2WS' Career NCOQ (1st quarter).

TSgt. Dennis A. Pukall, Det. 21, 9WS, Minot is the 3WW's Forecaster of the Year.

TSgt. Al Ramirez Jr., 25WS, Bergstrom AFB, TX, was chosen winner of the 5WW Outstanding Air Force Executive Support Specialist honors, a recognition in the field of administration, and now advances to MAC-level competition.

Amn Mark A. Gravelle, Det. 21, 2WS, Edwards AFB, CA, is his unit's April Observer of the Month.

At Det. 14, 7WW, Norton AFB, CA, **A1C Lawrence L. Shipp** was the January Observer of the Month and the same honor went to **A1C Shawn F. O'Neill** for March and May. February and April winners were not provided.

Promotions

To captain: **Edward B. Geisler**, Det. 10, 5WS, Ft. Benning, GA; **Cleveland Holladay** and **David P. Stangl**, AFGWC, Offutt AFB, NE; **Robert C. Vogler**, Det. 12, 25WS, George AFB, CA; and **David E. Johnson**, Det. 23, 3WS, Moody AFB, GA.

To first lieutenant: **David R. Lee** and **Richard T. Reed**, AFGWC.

To senior master sergeant: **Roger G. Seyfert**, Det. 7, 7WS, Hohenfels, Germany; and **Ronald F. Prezio**, Det. 3, 7WS, Heidelberg, Germany.

To master sergeant: **Jimmy D. Munday**, Det. 3, 5WS, Ft. Bragg, NC; **Kenneth A. Brown**, Det. 14, 31WS, Hahn AB, Germany; **Happy J. Armstrong**, Det. 41, 12WS, Ft. Lee, VA; and **John R. Coombs**, AFGWC.

To technical sergeant: **Russell R. Horn**, Det. 1, 7WS, Feucht, Germany; **Elvin A. Diaz** and **Donald D. Nissen**, Det. 25, 5WW, Howard AFB, CZ; and **William M. Scheib** and **Michael C. Cameriere**, AFGWC.

To staff sergeant: **Michael C. Wilson**, Det. 26, 26WS, Grissom AFB, IN; **Boyd K. Hamilton**, OL-A, Det. 7, 7WS, Hohenfels, Germany; **Cornell L. Harvey**, Det. 18, 26WS, Rickenbacker AFB, OH; **James A. Boston** and **James E. Sveen**, Det. 1, 7WS, Feucht, Germany; **Donald J. Perez**, AFGWC; **George M. Luth**, Det. 12, 7WW, Richards-Gebaur AFB, MO; **Frederick J. Chaison III**, Det. 8, 26WS, Griffiss AFB, NY; and **Terrill W. Hughes**, Det. 75, 3WS, Eglin AAF, FL.

To sergeant: **William H. Taylor**, Det. 41, 12WS, Ft. Lee, VA; **David C. Johnson**, Det. 75, 3WS, Eglin AAF, FL; **Carroll A. Feldenberger**, Det. 14, 31WS, Hahn AB, Germany; **Duane C. Parker**, Det. 13, 5WS, Ft. Eustis, VA; **Stanley A. Czeck**, a member of the 2WW; **Alan G. Radcliffe**, Det. 2, 7WW, Travis AFB, CA; **Daniel K. Akana**, AFGWC; and **Walter D. Wilkerson**, Det. 14, 25WS, Holloman AFB, NM.

To senior airman: **Donnell Wilkins**, Det. 3, 5WS, Ft. Bragg, NC; **Robert M. Forgas**, Det. 18, 26WS, Rickenbacker AFB, OH; **Daniel J. Caiella** and **Newton Reid**, TUSLOG Det. 2; **Wilbert McCrae** and **Glenda D. Hunter**, Det. 5, 7WW, Dover AFB, DE; **Bruce A. Wood**, Det. 7, AFGWC; Carswell AFB, TX; **David C. Routh**, Det. 11, 2WS, Patrick AFB, FL; **Peter L. Glinski**, Det. 1, 3WS, Shaw AFB, SC; **Orietta A. Sayles**, Det. 14, 31WS, Hahn AB, Germany; **Lawrence L. Shipp**, Det. 14, 7WW, Norton AFB, CA; **Melvin C. Sawyer**, Det. 10, 2WS, Eglin AFB, FL; **John A. McLaughlin** and **Gary L. Tomak**, AFGWC; **Robert Cunningham**, Det. 21, 9WS, Minot AFB, ND; **Ronald E. Jenkins** and **Thomas M. Faatz**, Det. 12, 25WS, George AFB, CA; **Rod Schoengarth**, Det. 11, 9WS, Beale AFB, CA; **Charles F. Crane**, Det. 14, 25WS, Holloman AFB, NM; **Giovanni LeMaster**, Det. 11, 25WS, Cannon AFB, NM; **Kathy A. Blouin**, Det. 10, 7WS, Kitzingen, Germany; **Charles E. Williford**, Det. 23, 3WS, Moody AFB, GA; and **Allan Kolata**, Det. 5, AWS, Keesler AFB, MS.

To airman first class: **Jeff Jablonski** and **Alfonso Grullon**, Det. 25, 5 WW, Howard AFB, CZ; **Lee R. Bruce**, Det. 3, 5WS, Ft. Bragg, NC; **Steven G. Whiteway**, Det. 10, 2WS, Eglin AFB, FL; **Alan M. Rogers** and **Sandra E. Goff**, U.S. Army, Europe Weather Support Unit (WSU), Heidelberg, Germany; **Raymond E. Vanover**, TUSLOG Det. 2; **Alan and Steve Simon**, Det. 5, 7WW, Dover AFB, DE; **Gary W. Davis**, Det. 75, 3WS, Eglin AAF, FL; **Clarence H. Cox**, Det. 1, 3WS, Shaw AFB, SC; **Robert E.M. Waddell**, Det. 21, 2WS, Edwards AFB, CA; **Shawn F. O'Neill**, Det. 14,

(Continued on next page)

AWS salutes (Continued from opposite page)

7WW, Norton AFB, CA; **Judith A. Minard**, Det. 2, 5WS, Ft. Belvoir, VA; **Richard J. Havyer** and **Mark Hunter**, U.S. Army, Europe WSU, Heidelberg, Germany; **Jeffrey W. Keller**, Det. 23, 3WS, Moody AFB, GA; **Edward M. Pollay Jr.**, AFGWC; **Michael J. Carmody**, **Joseph M. Pawluk** and **John J. Iacofano**, Det. 12, 25WS, George AFB, CA; **Stephen Bachman**, Det. 11, 9WS, Beale AFB, CA; **Milane A. Friebe**, Det. 8, 26WS, Griffiss AFB, NY; **Robert L. Williams** and **Grant L. McCahan**, Det. 18, 26WS, Rickenbacker AFB, OH; and **Melanie LeMaster**, Det. 11, 25WS, Cannon AFB, NM.

To airman: **Michael C. Feddersen**, Det. 7, AFGWC, Carswell AFB, TX; **Walter D. Urbaniak** and **Brian P. Burke**, Det. 41, 12WS, Ft. Lee AFS, VA; **Martin W. Sprankle**, Det. 14, 7WW, Norton AFB, CA; and **Michael Moll** and **Frank Kielnecker**, Det. 11, 9WS, Beale AFB, CA.

Civilian honors

Robert E. Dean, Det. 1, 2WS, WPAFB, OH, recently completed 20 years Civil Service. He received the Outstanding Performance Award nine times and was the 1972 and 1973 Air Weather Service Civilian of the Year.

At AWS, Scott AFB, IL, **Mildred A. Revoire** received an Outstanding Performance Award and a special achievement award in the form of a salary increase. Also receiving Outstanding Performance Awards were **Wilma Kell**, **Patricia A. VanOsedale**, **Mary Jane C. Holtgrave** and **Orena K. Harvey**.

Dr. Richard G. Hendl, staff meteorologist at OL-E, 2WS, Hanscom AFB, MA, received a Quality Salary Increase.

Milton M. Rasmussen, Det. 14, 7WW, Norton AFB, CA, was awarded the Outstanding Meteorologist of the Year Award by the San Bernardino-Riverside Chapter of the American Meteorological Society.

Donna M. Zimmerman, daughter of SMSgt. and Mrs. **Robert G. Zimmerman**, 31WS, Rhein-Main AB, Germany, was recently awarded the top NCO Wives Club Scholarship (\$1,500).

Student dependents of 2WW Headquarters people were cited for academic excellence during a special awards assembly at the Kaiserslautern (Germany) American High School recently. They were **Brenda Harkins**, **Terri Blackburn**, **Jeff Boyd**, **Jodi Boyd**, **Elizabeth Tudor**, **Ken Tudor**, **Sara Gibeau** and **Kathy Fuller**.

MSgt. Manley R. Biggerstaff now commands Det. 4, 7WS, Schwaebisch Hall, Germany.

Lt. Col. Donald P. Bjornson now commands the 25WS, Bergstrom AFB, TX. He assumed command from **Col. George C. Chapman**, who now attends the Air War College, Maxwell AFB, AL.

Capt. James E. Henson now commands Det. 5, AWS, Keesler AFB, MS. The former commander, **Capt. Gibson Morris Jr.**, is now an advisor to the 920th Weather Reconnaissance Group (AFRes.), also at Keesler AFB.

Marriages

1st Lt. Robert C. Vogler married **Laura Blakely** on Jan. 8. At the time of the wedding he received a promotion selection for captain, a regular appointment in the Air

Force and was assigned to the Air Force Institute of Technology.

SrA Anthony J. Brown, an observer with Det. 26, 26WS, Grissom AFB, IN, married **Robin E. Townsend**, April 23.

2nd Lt. Larry Burch married **Sgt. Linda Jones**, April 30. Both are members of Det. 11, 9WS, Beale AFB, CA.

A1C Gary L. Gumm, Det. 41, 12WS, Ft. Lee AFS, VA, married **Cynthia Jeffords**, May 12.

Capt. Curtis D. Ely, Det. 25, 5WW, Howard AFB, CZ, married **Laurie Harmon**, May 14. The new Mrs. Ely is the sister-in-law of Det. 25's **Capt. Richard Rasmussen**.

Sgt. Patrick Tuller, Det. 11, 25WS, Cannon AFB, NM, married **SrA Candy Hedges**, May 25. **Sergeant Tuller** is a forecaster.

Gilda (Jill) Barbarisi, a secretary with Det. 10, 2WS, Eglin AFB, FL, was married May 28 to **Vernon Lindner**.

A1C William P. May II, an observer with Det. 8, 26WS, Griffiss AFB, NY, married **Paula Talerico**, May 28, in Utica, NY, 15 miles east of Griffiss AFB.

A1C Charlene L. Green, Det. 21, 9WS, Minot AFB, ND, was married to **SSgt. Robert L. Ligon**, also of Minot AFB. The wedding took place June 1.

SrA William H. Taylor, Det. 31, 12WS, Ft. Lee, VA, married **Ann Crawford**, April 30.

A1C David J. Wydola, Det. 12, 5WS, Ft. Devens, MA, married **Jeanne Lavalle**, May 7.

A1C Jeffery P. Summers married **Amn Mary T. Meiling** in Milwaukee, WI, the bride's hometown. Both are observers with Det. 9, 5WS, Ft. Rucker, AL. The wedding date was not provided.

Births

SSgt. and Mrs. Robert Hinson, daughter, **Stephanie Marie**, April 11. Father is a forecaster with Det. 20, 24WS, Laughlin AFB, TX.

Capt. and Mrs. Michael J. McGlynn, son, **Mark Eugene**, March 14. Father is a systems analyst with Det. 40, 2WW, RAF Croughton, UK.

1st Lt. and Mrs. David Saunders, son, **Ryan Daniel**, March 29. Father with Det. 26, 26WS, Grissom AFB, IN.

Sgt. and Mrs. Russell W. Henes, daughter, **Kristine Diane**, April 14. Father with Det. 10, 2WS, Eglin AFB, FL.

A1C and Mrs. Denis M. Carroll, daughter, **Patsy**, April 23. Father with Det. 10, 2WS, Eglin AFB, FL.

Maj. and Mrs. James J. Sroga, daughter, **Anne B.**, April 1. Father with Det. 50, 2WS, Los Angeles AFS, CA.

1st Lt. and Mrs. Dennis E. Russell, son, **Timothy Craig**, May 13. Father with Det. 22, 26WS, Carswell AFB, TX.

Sgt. and Mrs. Freddy Proctor, daughter, **Jaclyn Dell**, March 16. Father with Det. 7, AFGWC, Carswell AFB, TX.

Capt. and Mrs. Martin N. Wisniewski, son, **Jeremy Martin**, May 23. Father with 2WW, Kapaun Bks., Germany.

Capt. and Mrs. Mark D. Maxwell, son, **Kyle Eugene**, May 21. Father commands Det. 26, 26WS, Grissom AFB, IN.

Capt. and Mrs. Frank Routhier, son, **David F.X.**, May 24. Father with Det. 5, AWS, Keesler AFB, MS.

SSgt. and Mrs. Jeffrey C. Proulx, daughter, **Jessica Ellen**, May 18. Father with Det. 12, 5WS, Ft. Devens, MA.

A1C and Mrs. Angel L. Rivera, son, **Angel L. Jr.**, May 27. Father is an observer with Det. 6, 5WS, Ft. Lewis, WA.

A1C and Mrs. Vincent Adams, daughter, **Cassandra Denise**, June 25. Father with Det. 75, 3WS, Eglin AAF, FL.

SSgt. Gordon R. and SrA Marie L. Aubrey, daughter, **Stacy Elizabeth**, April 11. Mother is an administrative specialist with Det. 2, 7WW, Travis AFB, CA. Father with another Travis AFB unit.

SSgt. and Mrs. Laurence F. Purdic, son, **Jeremy John**, May 24. Father is a forecaster with Det. 21, 9WS, Minot AFB, ND.

SrA and Mrs. Paul Kirby, son, **Christopher Paul**, June 5. Father is an observer with Det. 11, 9WS, Beale AFB, CA.

A1C and Mrs. Richard Gross, daughter, **Chrislyn Marie**, April 5. Father is an observer with Det. 11, 9WS, Beale AFB, CA.

SrA Mona and husband, Cliff Cole, daughter, **Jennifer Ann**, May 21. Mother is an observer with Det. 11, 9WS, Beale AFB, CA.

SSgt. and Mrs. Mike Gines, son, **Andrew Richard**, June 23. Father with Det. 8, 26WS, Griffiss AFB, NY.

SSgt. and Mrs. Brian L. Sutherland, daughter, **Laurie Anne**, May 1. Father with the U.S. Army, Europe WSU, Heidelberg, Germany.

SSgt. and Mrs. Robert L. Picconi, son **Brian Anthony**, May 26. Father with Det. 12, 7WS, Finthen, Germany.

Capt. and Mrs. James S. Perkins, son, **Laird Stuart**, June 16. Father is an aerial reconnaissance weather officer with Det. 5, AWS, Keesler AFB, MS.

Reenlistments

SSgt. Gerald D. Scott, Det. 8, 26WS, Griffiss AFB, NY. **SrA Michael A. Matthews**, Det. 26, 26WS, Grissom AFB, IN.

SrA Marie L. Aubrey, Det. 2, 7 WW, Travis AFB, CA. **Sgt. Rosalinda Harrison**, Det. 11, 25WS, Cannon AFB, NM.

Sgt. Tim Reid, Det. 8, 26WS, Griffiss AFB, NY.

Retirements

SMSgt. Arthur L. Ketterling, Det. 6, 6WS, Ellsworth AFB, SD. With his retirement, **Sergeant Ketterling** is reported to be the first official enlisted detachment commander (Detco) to retire.

CMSgt. Carroll E. Davis, Det. 11, 2WS, Patrick AFB, FL, June 30, after 30 years military service.

MSgt. Richard Mills, Det. 5, AWS, Keesler AFB, MS. **Lt. Col. Walton F. Perrine Jr.**, 9WS, March AFB, CA, after almost 31 years in AWS. The Perrines plan to live in Homestead, FL.

Lt. Col. Rayburn G. Pyle (AFRes.), who retired from Reserve weather forecasting in 1966 and worked until his retirement as a Det. 20, 26WS civilian forecaster, Barksdale AFB, LA. The Pyles plan to live in the Shreveport, LA, area.

MSgts. Cecil C. Harmer and **Eugene J. Melchoir**, Det. 25, 5WW, Howard AFB, CZ, retired from active duty—**Sergeant Hamer** after 21 years and **Sergeant Melchoir** after 20.



USING A TMQ-22 Wind Measuring Set, **SSgt. David G. Beiler**, Detachment 11, 7th Weather Squadron, Coleman Bks., Germany, an observer augmentee to VII Corps, takes an observation. Such measurements are taken from sunrise to sunset throughout Exercise WINTEX 77. (U.S. Air Force photo)

Europe squadron provides exercise 'spectrum service'

by

Capt. Robert LaPierre

7WS Unit Information Officer

HEIDELBERG AI, GERMANY—The weathermen of 7th Weather Squadron (WS), supporting U.S. Army Europe (USAREUR), provided the full spectrum of environmental support to U.S. and North Atlantic Treaty Organization (NATO) agencies during Exercise WINTEX 77 recently.

Weather planning for WINTEX began in mid-October 1976 at USAREUR meetings which involved all principals on the USAREUR staff.

In mid-January 1977, a pre-exercise staff weather officer (SWO) conference was held at headquarters 7WS here to plan meteorological support and to develop objectives to be tested during WINTEX 77.

A review of lessons learned from Exercise REFORGER 76 the year before was conducted to better prepare 7WS SWOs for what might lay ahead of them. Additionally, discussions were held with Central Army Group communications people, German Meteorological Geo-Physical Office people and men of the Army's 5th Signal

Command, who would provide USAREUR communications.

These discussions finalized support arrangements to ensure that exercise communications were the best possible.

Exercise support began on March 1. With USAREUR units moving in stages to their wartime locations, weather support continuity was done well and completely. Briefing, forecasting and observing support began on relocation of all 7WS weather teams to their field positions around March 7. Their services continued on a 24-hour basis until the exercise ended, a week later.

Maintainers double det's space imagery

MCCLELLAN AFB, CA—Detachment (Det.) 1, 1st Weather Wing, Nimitz Hill, Guam, now has two meteorological satellite systems with which to work, thanks to two Det. 2, 6th Weather Squadron men.

MSgt. Lew Gainey and TSgt. Joe Mick, assisted by Det. 1 people, recently installed a National Oceanic and Atmospheric Administration (NOAA) modification which allows the Joint Typhoon Weather Central at Guam to monitor a NOAA satellite as well as a Defense Meteorological Satellite Program (DMSP) satellite.

The double capability increases the amount of satellite imagery available to local forecasters.

The tracking system was modified using existing and discarded equipment to auto-track and demodulate the NOAA-5 satellite signal.

Modification of the DMSP display called for design and construction of new circuits and the changing of some circuits already being used.

According to Capt. James H. Charters, Det. 2 commander, "The total cost for materials was less than \$300—a true bargain for any satellite system."

Recon unit pulls tour in northwest

THE PACIFIC NORTHWEST —To the men and women of the "Hurricane Hunters" (the 53rd Weather Reconnaissance Squadron and Detachment 5, Air Weather Service (AWS), which is based at Keesler AFB, MS, the McChord AFB, WA area, near Tacoma, is a fine location.

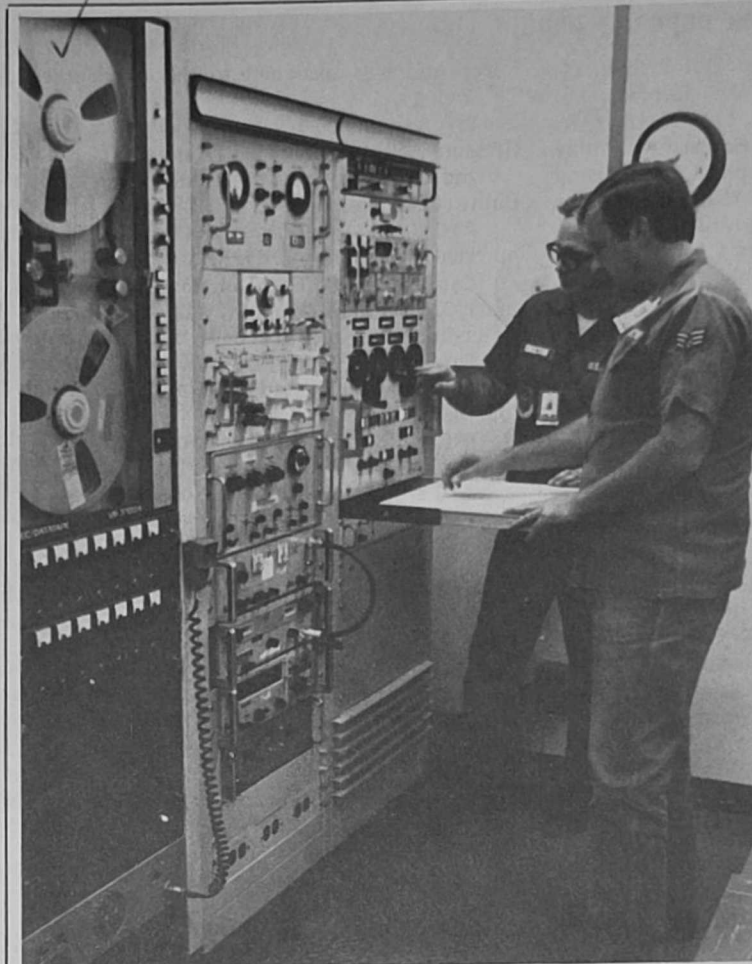
McChord AFB was the recent staging base for aerial weather reconnaissance flights over the vast expanses of the Gulf of Alaska and the northeast Pacific Ocean.

The Hurricane Hunters were not looking for hurricanes there, but provided special weather recon flights for AWS. The weather recon aircraft flew into the easterly moving winter storms which begin in or near Russia's Siberian Peninsula. The planes provided data on winds, temperatures and barometric pressures that Air

Force Global Weather Central (AFGWC) forecasters cannot get at their base (Offutt AFB, NE) due to the lack of accurate weather data from the vast oceanic regions.

Along preplanned weather routes, known as weather recon tracks, the Hurricane Hunters often flew more than 12 hours on missions that covered 3,000 miles at altitudes up to 30,000 feet. The tracks covered large triangles over the Pacific Ocean and Puget Sound. From the triangles were gained a maximum amount of weather data in an allotted time frame.

The data was used in a variety of forecasts, but two of the more important ones were upper atmosphere wind forecasts for Air Force Computer Flight Plans, and forecasts pertaining to winter storms that move into the U.S.



MONITORING data receiving equipment as a weather satellite is tracked are MSgt. John Kingston and Sgt. D.J. Larson, Site 7 of Hickam AFB, HI's Detachment 4, 1st Weather Wing. (U.S. Air Force photo)

AWS det gains 'new' 'old' system

HICKAM AFB, HI—Detachment (Det.) 4, 1st Weather Wing here, until recently, had to rely on the Air Force Systems Command's Kaena Point satellite tracking facility to track Defense Meteorological Satellite Program (DMSP) satellites—but no more.

When the workload at the Kaena Point tracking station became too great, Det. 4 sought another way to track the satellite. It came when a composite team of maintenance people from Det. 2, 6th Weather Squadron, McClellan AFB, CA, and Air Force Logistics Command people installed a Canoga tracking and receiving system.

The Canoga system, which was not being used, was refurbished in California then installed for Det. 4's use. The combined team of MSgt. Gary Holland and TSgt. Ed Schultz, of the Air Weather Service, and Harold Harlin and Ed Webber, from the Air Force Systems Command, gathered needed equipment, engineered the installation then put it into operation.

Well-trained ANG men give active unit relief

by
TSgt. Richard G. Allen
Det. 14, 7WW information officer

How do you spell relief? Detachment (Det.) 14, 7th Weather Wing, Norton AFB, CA, spells it I-N-T-E-G-R-A-T-I-O-N. The definition of integration, in this case, is active duty people training weather members of the Air National Guard (ANG) and Reserve for accreditation in an active duty weather station.

MSgt. Dan Scarry, Military Airlift Command Technical Advisor (MTA) of the 196th Weather Flight (WF), Ontario IAP, CA, said training of people in his flight at Norton AFB's weather station is ahead of schedule. Most of the WF members are already accredited

to handle forecasting and observing duties.

Maj. David Pina, Det. 14 commander, delighted with the program's progress, has committed his unit to the USAF total force policy. The result is that Det. 14 now taps the reserve forces for manpower and experience to help in its weather station—and that spells relief.

According to Sergeant Scarry, the ANG members perform actively now instead of in a strictly training environment. They now see tangible results from their efforts.

Lt. Col. Joseph Hess, 196WF commander, and Major Pina have set, as a goal, that the flight be able to take over the Norton AFB

weather station on the flight's unit training assembly weekends.

The efforts by the staffs of Det. 14 and the 196WF to make the endeavor a success were noticed. Both units were commended by the commanding general, State of California Military Forces, for making the "total force policy a fact and an accomplishment."

Major Pina, in line with his unit's total force policy, extended the training program to Air Weather Service mobilization augmentees (MA). Training procedures are the same for MAs, but the concept is different. The success of the MA training depends on individual effort rather than that of a unit, as with the WF.



...NORTON... THAT JOKE ABOUT A CEILOMONSTER... UH-UH... I...



NORTON AFB's weather station duties, thanks to a dedicated training program can now be turned over to such men as SSgt. Jeffrey M. Wingate, left, and TSgt. Jacques A. Cashman, 196th Weather Flight, Ontario ANGB, CA. (U.S. Air Force photo)

A lesson from history

Forecast decides city's (world's) destiny

by
John Fuller
AWS historian

On Aug. 6 the age of atomic warfare became 32 years old. On that day, in 1945, the United States dropped an atomic bomb on Hiroshima, Japan. The date, Aug. 6, was determined by weather forecasts prepared by Army Air Forces (AAF) Weather Service forecasters at their weather central on Guam.

Development of the atomic bomb had been secretly underway for years as 1945 opened. Early that year Gen. Henry H. "Hap" Arnold, the AAF commander, convened a high level meeting in his office. The reason for the meeting was to select a probable time to drop the bomb on Japan and choose targets to be bombed. The men at the meeting strongly considered a long-range weather forecast to reach their decisions. It was prepared by Lt. Col. Irving P. Krick and it predicted favorable bombing weather over proposed targets from Aug. 5-10.

General Arnold had faith in the work of Colonel Krick, who entered the AAF at the general's urging.

Colonel Krick was a proponent of the map-typing (analogue), long-range forecasting technique used in connection with various Allied invasion dates, including D-Day at Normandy, France.

It was finally decided to have the special B-29 that would drop the bomb placed in position and ready to go by August. Next had to come two things, availability of the bomb itself and the decision to use or not use it against Japan. The first atomic bomb had been detonated at Alamogordo, NM, on July 16 and was a success. President Harry S.

Truman finally decided the bomb would be used.

Six days later, the B-29 now in position, Lt. Gen. Carl A. Spaatz, who commanded the U.S. Army Strategic Air Forces in the Pacific from Guam, was directed to drop the "...first special bomb as soon as weather will permit visual bombing after about 3 August 1945."

Weather became the critical factor. With but two bombs available, the drops had to be by visual means to assure pinpoint accuracy.

General Spaatz delegated to his chief of staff, Maj. Gen. Curtis E. LeMay, the job to decide when weather would permit the unveiling of atomic warfare. The critical forecast was made and

Guam's AAF Weather Central became the focal point of attention.

Hiroshima, Japan's eighth-largest city, was the proposed primary target, Kokura was secondary and Nagasaki third. Weather would decide which was hit first. Seven B-29s, operating from Tinian in the Marianas Islands, flew the mission; the Enola Gay, with the bomb aboard; its spare; two observation planes; and three weather reconnaissance aircraft; each going to different target cities, flew in advance.

Original plans called for a drop on Aug. 4, but General LeMay postponed it due to unfavorable weather over the targets. On Aug. 5 the Weather Central forecast favorable target weather for the next day so General LeMay ordered the launch.

When the Enola Gay left the ground at Tinian at 2:45 a.m., its pilot had instructions to select the city to be destroyed based on reports from the three weather planes ahead of him. He was also told to return, with the bomb, to his base if all three targets were hidden by clouds. At 8:15 a.m. the Hiroshima report, two-tenths cloud cover at the lower, middle and 15,000-foot altitudes, verified the forecast. That weather report sealed Hiroshima's doom.

Minutes later the age of atomic warfare dawned.



FROM THIS CLUSTER of huts, the Army Air Force Weather Service Weather Central at Guam, came the 1945 weather forecast that set Aug. 6 as the date

for the destruction of Hiroshima, Japan—the mission ended World War II and was the dawn of atomic warfare. (U.S. Air Force photo)

Friendly weather folks serve both sides during mock war

SOUTH BAVARIA, GERMANY—When the Orange and Blue forces met on the field of mock battle here, during Exercise Alpine Friendship 77, weather people from throughout the 7th Weather Squadron helped both sides.

Alpine Friendship 77 is a major, annual, integrated training exercise which uses conventional and unconventional warfare tactics. The Orange forces were from

the U.S. Army, Europe and 7th Army units as well as selected Bundeswehr (German Army) units. Blue forces included U.S. Special Forces, Army conventional forces, the 7th Special Operations Squadron and Allied forces from eight other nations. The two "armies" contained approximately 3,000 men and women.

Weathermen from Operating Location C, 7th Weather Squadron (WS), Bad Toelz AI,

Germany, along with six augmentees from other 7WS units, served in several capacities. They provided drop zone and landing zone observing and forecasting; collected, processed, quality controlled and disseminated observations from deployed field locations.

During the exercise the men presented more than 200 meteorological briefings, of which 45 directly supported airborne operations.

Taking part, from OL-C, were Capt. Wilbur G. Hugli, SSgt. John R. Schneider, Sgt. Eugene S. Roberts Jr. and A1C George L. Cline.

From other units in Germany were Capt. Howard W. Balentine, 7WS Weather Support Unit, Heidelberg AI; SSgt. Pieter A. Deman, Det. 3, 7WS, Heidelberg; Sgt. Anthony J. Tesori, Det. 7, 7WS, Grafenwoehr AI; A1C Charles D. Yanaitis, Det. 11, 7WS, Coleman Bks.; A1C Billy L. Roberts, Det. 2, 7WS, Hanau AAF; and Amn Jack Moore, Det. 5, 7WS, Katterback AAF.



MEN OF THE 2ND AND 4TH Infantry Battalions receive weather briefings from Capt. Wilbur G. Hugli during Exercise Alpine Friendship 77. (U.S. Air Force photo)

Recon met men support C-5A flight to Moscow

by
Capt. L. Scott Cox
Det. 5, AWS UIO

KEESLER AFB, MS—Four WC-130 Hercules aircraft from here recently provided weather reconnaissance support for Operation Cold Star, the non-stop airlift mission by a giant Military Airlift Command C-5A from Chicago to Moscow.

The C-5A Galaxy, the largest aircraft in the world, flew 5,124 miles to Moscow's Sheremetyevo Airport carrying an 85-ton cargo made up of a 40-ton superconducting magnet, its special transporter and other support equipment.

Three aircraft from the 53rd Weather Reconnaissance Squadron (WRS), the Hurricane Hunters and a WC-130 from the 920WRS (AFRes.) here flew weather reconnaissance for the mission. The weather reconnaissance units flew in two air refueling areas used by the C-5A during its 11 and one half hour flight.

Members of Detachment 5, Air Weather Service, also at Keesler, on the missions were Capts. Randy Moore, Wayne Mulzer and Gary Dumont as well as SrA Marshall

Baer, Allen Kolata and David Hudson.



THE NEW 12th Weather Squadron (Colorado Springs, CO) commander is Lt. Col. Robert F. Woodnal, formerly Detachment 10, 7th Weather Wing, McGuire AFB, NJ, commander. Colonel Woodnal, has been selected for promotion to colonel. His 29 years weather experience include service during the Korean and Vietnam Wars and eight years at Air Force Global Weather Central. (U.S. Air Force photo)

From within . . .

Double class tours Det. 25

HOWARD AFB, CZ—One class of sixth graders could be a handful, but two classes of them were not too much for Detachment (Det.) 25, 5th Weather Squadron here. The youngsters gathered to tour Det. 25's teletype, observing and forecasting sections. They also saw the unit's weather radar in action. Later, as a class assignment, each student wrote his or her impression of their visit to the weather unit.

Hosts SECAF's spouse

WPAFB, OH—When the wife of the Secretary of the Air Force visited Wright-Patterson AFB's Family Services, she was met and escorted by a weather wife. Mrs. Dee Blish, wife of Maj. Edward H. Blish, Detachment 1, 2nd Weather Squadron, is WPAFB's acting coordinator of Family Services.

Tries for US, goes to RP

HICKAM AFB, HI—SSgt. Ricarte B. Valenzuela, Headquarters 1st Weather Wing and a former citizen of the Republic of the Philippines, became a U.S. citizen recently. His wife, Remedios, has applied for U.S. citizenship and their daughter, Rowena, is preparing for the same big step. As the Valenzuela Family changes from Philippine citizenship to that of the U.S. a new duty assignment is in their future—to Clark AB, RP.

Man earns all honors

(Ed. Note: Normally the OBSERVER does not separate "Service schools" items contained in the "AWS salutes. . ." column, however this accomplishment deserves special treatment.)

ANDREWS AFB, MD—A weather forecaster for Detachment 1, 7th Weather Wing here, recently became the first graduate to take all class honors at the 21st Air Force NCO leadership school at Bolling AFB since it opened in January.

SSgt. Mark J. Richards received honor graduate, Academic Achievement, Speech and Commandant's

Awards at the recent graduation ceremony.

Sergeant Richards has been in the weather business almost eight years. "I really enjoy forecasting," he said, "and intend to make a career of it, both in the Air Force and after I get out."

Of all the awards, the Speech Award meant the most to Sergeant Richards. "The others were gratifying, too, but the speech contest was the most like a real, live competition."

(Story provided by the CAPITAL FLYER, Andrews AFB, MD)

Donors bleed for needy

LORING AFB, ME—The sarcastic cliché, "My heart bleeds for you" took on honest feelings and actions at Detachment (Det.) 4, 26th Weather Squadron here, recently. During the local blood drive only the hospital members topped the number of volunteers from Det. 4.

The weather volunteers were A1Cs Timothy F. Alsrue, Margaret L. Searles, Richard Pezzoli, Dwayne L. Armstrong and Paul Bilodeau; SrA Lloyd A. Turcotte, Art Gwozdz and Darlene Tonque; SSgts. James P. Kolodzyk, Maurice W. Pelletier, Michael P. Brown and Peter Erkeienz; TSgt. Donald Fish and Amn. Mary L. Larimore.

24th's leaders confer

RANDOLPH AFB, TX—Commanders from throughout the 24th Weather Squadron (WS) and guests met here recently to discuss operational evaluation and probability forecasting.

Conference members were Lt. Col. Ralph Elliott; Lt. Col. John Owens; Maj. James Calcote; Maj. Thomas Carmichael; Maj. George Cejka; and Maj. Robert Croft.

Other conference members were Maj. Eugene Heald; Maj. William Higham; Maj. Oliver Mack; Maj. John Stitt; Capt. Fred Sanders; and Capt. Lynn Lard.

Guests included Dr. Robert Miller, Col. Gary Atkins and Maj. Thomas Rish and Arthur Kyle, Air Weather Service; Col. Sam Armstrong; Maj. William Dean and CMSgt. Buddy Wilson; Col. George Chapman and CMSgt. Will Cosby.

Iranian 'chief' trains with NM detachment

by
2nd Lt. Ray L. McAnelly
Det. 14, 25WS information officer

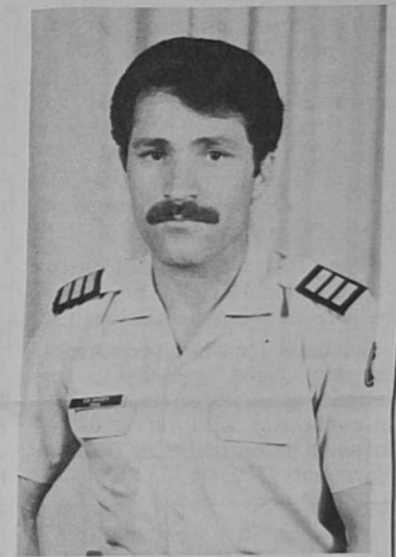
HOLLOMAN AFB, NM—The newest addition to Detachment (Det.) 14, 25th Weather Squadron, is not an Air Weather Service man; he is not even a U.S. citizen. He is First Homafar Mohammad Shasti, of the Iranian Air Force. The grade "first homafar" (FH) is reportedly the equivalent of the American E-9.

FH Shasti is serving a 13-week training assignment for weather forecasting, after which he returns to Iran as an accredited forecaster.

The "new addition" to the unit came to Holloman AFB after having served 13 weeks at Lackland AFB, TX,

(where he studied the English language), and 28 weeks at Chanute AFB, IL, as a forecasting student. It is not his first visit to the U.S., however. He attended the weather observer school at Chanute AFB 10 years ago.

A first did come to FH Shasti when he was assigned to America's southwest. He had never seen the more arid parts of the country.



FH Mohammad Shasti

Duo strums to first

NELLIS AFB, NV—When A1Cs Nick Barrett and John Lane, Detachment 16, 25th Weather Squadron here, finished their renditions of "Classical Gas" and "The Eagle and the Hawk," they left the stage as winners.

The occasion was Nellis AFB's Tops in Blue contest. The two weathermen competed in, and took first place in the instrumental group category playing guitars.

Wives have their day

LAUGHLIN AFB, TX—When the 47th Flying Training Wing here sponsored Wives Appreciation Day on base, Detachment 20, 24th Weather Squadron was in on the action.

According to SSgt. David N. Runyan, unit information officer, "Wives of the detachment's personnel were escorted through the observer, forecasting and administrative work areas to give them a better insight to their spouse's jobs and responsibilities."

Among other of the day's activities were lunch at the base dining hall and movies about the Air Force.

AWS has NCOA room

LACKLAND AFB, TX—When Maj. Gen. Edwin W. Robertson II, Chanute Technical Training Center, IL, commander, dedicated the "Chanute Room" at the Air Training Command's NCO Academy here, Air Weather Service had a big part in the occasion.

SMSgt. Charles E. Lee, a Weather Technician

Course instructor and chairman of the committee responsible for the Chanute Room project, said a plaque bearing the AQS emblem is now prominently displayed on one wall of the room. It was given to the Academy by Brig. Gen. Berry W. Rowe, AWS commander. Inscribed on the plaque is, "All enlisted weather personnel for the Air Weather Service are trained at Chanute AFB, IL."

The Chanute Room was the first of several seminar rooms at the Academy to be renovated and redecorated. (Information provided by 1st Lt. Gerard M. Hill)

'I (still) do,' Grigsbys

HICKAM AFB, HI—Almost to the hour, but 25 years after they first said "I do" to become man and wife, CMSgt. Bertram R. and Marjorie Grigsby repeated their vows.

The silver anniversary event took place in Hickam's Chapel 1. Chief Grigsby is the 1st Weather Wing's senior enlisted advisor and his wife works as a clerk-stenographer in the headquarters of the Pacific Communications Area.

Tippin, 'Good neighbor'

RAF LAKENHEATH, UK—To be a good neighbor has its own rewards, but one weather member, SSgt. Wayne A. Tippin Sr., Detachment 3, 31st Weather Squadron here, got the official title from the 48th Tactical Fighter Wing.

Sergeant Tippin was chosen as a "Good Neighbor" for his work arranging weekend visits for Air Force dependent sons into local English communities.

Top-Stripe

SMSgt FORREST E. GRAY
SENIOR ENLISTED ADVISOR
7th WEATHER WING
SCOTT AFB, IL



IN AIR WEATHER SERVICE 24 YEARS

OVERSEAS SERVICE IN JAPAN, LIBYA, SPAIN,
GERMANY AND THAILAND

BECAME CHIEF OBSERVER IN 1958, CHIEF FORECASTER IN 1973

WAS AIR WEATHER SERVICE'S FIRST OFFICIAL NCO DETACHMENT
COMMANDER

SGT AND MRS GRAY HAVE TWO CHILDREN

... More from within



JUST BECAUSE a man is reenlisted by the U.S. Army, he is not necessarily a soldier. Proof of this is A1C Mark Noe, center, Detachment (Det.) 21, 5th Weather Squadron, Hunter AAF, GA. He receives congratulations from the man who just administered the oath of enlistment to him, Army Brig. Gen. Donald E. Rosenblum, 24th Infantry Division commander. Airman Noe and General Rosenblum took part in Field Exercise Brave Shield XV. Witness at left is Capt. Fred Luke, Det. 21 Division Staff Weather Officer. (U.S. Army photo by SP4 Barry Sikora)

Unit draws praise of job

INCIRLIK CDI, TURKEY—TUSLOG Detachment (Det.) 2 received favorable comments for its part in the draw down of Americans from Addis Ababa, Ethiopia, recently.

According to Maj. Alfred F. Scholz, TUSLOG Det. 2 commander, "The men and women of TUSLOG Det. 2 briefed numerous C-141 aircrews (traveling) from Athens (Greece) to Addis Ababa."

The comments came from Gen. George S. Brown, Joint Chief of Staff; Gen. William G. Moore, MAC commander in chief; and Brig. Gen. Berry W. Rowe, Air Weather Service commander.

Swedish officers visit det

PATRICK AFB, FL—Two Swedish Air Force captains were the recent guests of Detachment 11, 2nd Weather Squadron here. The visitors, meteorologists at bases in southern Sweden, were Capt. N.G. Sandy Olsson and Mats P.N. Olofsson.

According to Maj. John W. Orndorff, unit information officer, the Swedish Air Force uses information gathered from American sources. He said of Patrick AFB being chosen for their visit, "Our weather people have gained a reputation for expertise in the use of satellite data."

Captains Olsson and Olofsson said they were impressed by the Cape Canaveral Forecast Facility and its specialized meteorological equipment. They said they were particularly interested in the reception and use of satellite data.

DVs attend Pacific meet

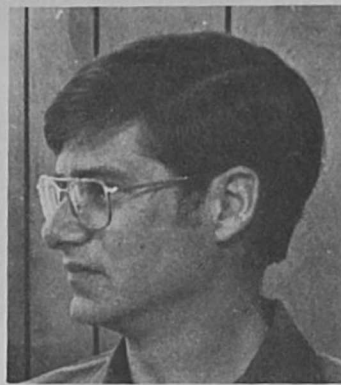
HICKAM AFB, HI—Although the Environmental Group, Pacific Command (EG PACOM) meets each month, it recently hosted a meeting which had several high ranking men as guests.

In addition to the usual EG PACOM members, this year's conference was visited by Maj. Gen. Ralph S. Saunders, Aerospace Rescue and Recovery Service commander; Brig. Gen. W.H. Baxter, the Pacific Air Force's 313th Air Division and 18th Tactical Fighter Wing commander; U.S. Navy Captain C.R. Ward, DIRNAVOCEANMET; Col. A.C. Molla, Air Weather Service vice commander; and Lt. Col. Dale Meyer, Detachment 8, 30th Weather Squadron commander.

The EG PACOM coordinates cooperative, cost effective plans for providing environmental services. It also authors instructions which detail the functions, responsibilities and procedures of the tropical warning system in the Pacific.

As weather organizations throughout the Pacific monitor tropical storms, typhoons and hurricanes, the EG PACOM warns people of the danger. As always, it also tries to find better ways to cut loss of life and property caused by the storms.

THE OUTSTANDING TROOPER of the 82nd Airborne Division, U.S. Army, and said to be the first non-Army selection, is SSgt. Daniel J. Brees, Detachment 3, 5th Weather Squadron, Ft. Bragg A1, NC. (U.S. Army photo)



Solid Shield 77 uses many weather people

GEORGE AFB, CA—Exercise Solid Shield 77, which provided each of the four major services its slice of the action, found weather people getting their share too. According to Capt. Robert D. Abbey, Detachment 12, 25th Weather Squadron here, "Weather people were everywhere."

Captain Abbey continued, "Some (weather people) operated out of tents, others from more conventional environs—weather was even gathered and coordinated from ships at sea.

"Teamwork was the key," Captain Abbey said, "Exchanging data and forecasters, Navy and Air Force weather people produced a true joint mission control forecast."

According to Captain Abbey, Solid Shield 77 was the first exercise with two Air Weather Service forecasters deployed to the U.S. Navy's Fleet Weather Central at Norfolk, VA, to produce a mission control facility (MCF) early in the exercise. The MCF later shifted its responsibility to Ft. Bragg, NC, where two Navy forecasters, both petty officers first class, helped set up a tactical forecast unit.

AWS people, in addition to the 131st and 163rd Air National Guard Weather Flights, were Col. George E. Chapman; Lt. Col. William B. Wright; Capt. James R. Ahmann, Cranston R. Coleman Jr., Robert D. Abbey; MSgt. Wilford A. Sibayan; SSgt. Daniel J. Brees; and A1Cs Lee R. Bruce, William H. Powers, Mark S. Kincaid and Ronald E. Carlton were all deployed to Ft. Bragg.

Serving at Pope AFB, NC, were 1st Lt. Richard P. Reeve and A1Cs Thomas R. Austin and Gary A. Ferracane.

At the Fleet Weather Central were Capt. Gerald F. Reilly Jr. and John K. Sanders.

Shaw AFB, SC-based people were Capt. Frank J. Luna and Douglas E. Sherwood; 1st Lts. Timothy D. Crum and John A. White III; MSgt. Jerald Berth; TSgt. Thomas L. Adams; SSgt. Carol A. Thompson; A1Cs Robert G. Crais and Thomas E. Johnson Jr.; and SrA Sandra B. Phillips.

At Oak Grove, NC, were Maj. James P. Preston and Glenn W. McBride; TSgt. Richard L. Curry; SSgt. Eric B. Gadberry; Sgt. Donald W. Shelton; A1Cs

William G. and Jana S. Graff; and SrA Richard W. Fincher.

Catherine Lakes, NC, duty went to Maj. Harold C. Herring and 1st Lt. Norman E. Buss; while at Ft. Stewart, GA, were Capt. Forrest E. Luke; SSgt. Joseph P. Mihal; Sgt. Michael J. Derks; A1Cs Leonard A. Wells, David C. Wagner and Gary L. Mims; and Amn. John S. Shattuck and Timothy J. O'Hara.

FORT WAYNE, IN—When Exercise Solid Shield 77 kicked off, Air National Guard members of the 163rd Weather Flight here, supported it by performing as active weathermen.

Working at Shaw AFB, SC's weather station, which is operated by Detachment 1, 3rd Weather Squadron there, SSgts. Michael McKuras and Dennis Grover and SrA Michael Fauquher provided surface and upper air observations at the Poinsett Gunnery Range.

Although most members of the 163rd have civilian jobs far removed from their military occupations, two of the unit's men are weathermen even in their civilian lives. They are Capt. John Miller, a National Weather Service forecaster from Minneapolis, MN, and Capt. Charles Jones, a forecaster for an airlines at O'Hare International Airport, Chicago.

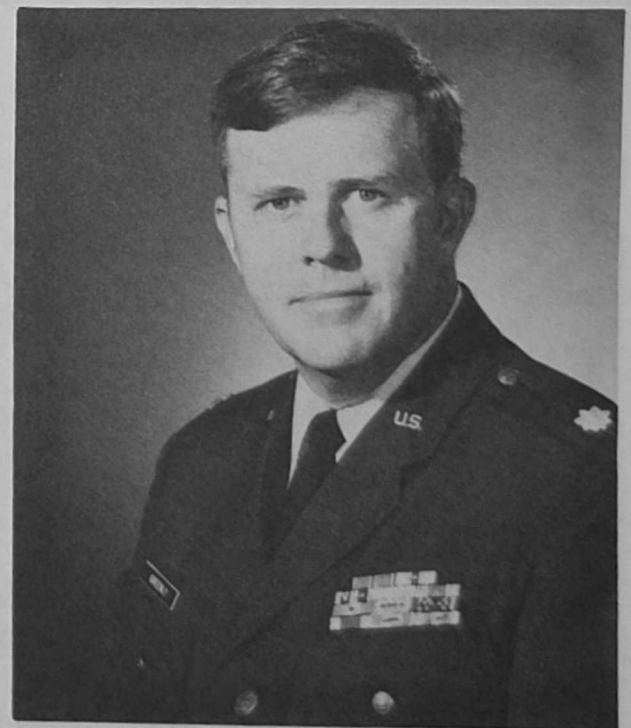
Other unit members training at Shaw AFB, and releasing active duty weathermen to take part in Solid Shield, were Maj. John Slagle and TSgt. Rick Walker, the MAC technical advisor.

Also there were SSgt. Don Vincent, Sgt. David Currie, SrA Tom Becker, A1C Dennis Przybyla and Amn Denise Jackson.

Airmen visit AF museum

OFFUTT AFB, NE—A trip to the Air Force Museum and a ride on an airplane brought 29 first-term airmen closer to the reality of Air Force flight recently. The Air Force Global Weather Central group flew (some for the first time) from Offutt AFB to (WPAFB), OH.

At WPAFB Lt. Col. John A. Lasley, Detachment 1, 2nd Weather Squadron commander, welcomed the group. Led by Det. 1's TSgt. Gerald Taufer, they then toured the Air Force Museum and, thanks to Col. Arthur F. Creighton Jr., Air Force Orientation Group commander, saw the gold medal winning show, "Flight Through Time."



MAJ. GEORGE D. GREENLY JR., Detachment 50, 2nd Weather Squadron, Los Angeles AFS, CA, received the Los Angeles Chapter of the American Meteorological Society's annual achievement award at a banquet recently. The award is given for achievements in many areas of meteorology. Major Greenly is a meteorological consultant to the Space Shuttle Program Office. (U.S. Air Force photo)

Gallant crew '77

Exercise covers much of Texas

MACDILL AFB, FL—Exercise Gallant Crew 77, which took place in central Texas from March 24-31, not only tested combat capabilities but became a special test for weather people.

For the first four days of the exercise overcast skies, rain, drizzle and thunderstorms plagued the U.S. Readiness Command (USREDCOM), which conducted the actions. USREDCOM, due to the weather, did not commit its 32,000 Air Force and Army people as it waited for word of favorable weather from the 67 meteorological people taking part.

Gallant Crew 77 involved weather people from Headquarters Air Weather Service (AWS), the 5th Weather Wing (WW), 7WW, 1st Weather Squadron (WS), 5WS, 25WS and 26WS. Also, for the first time people from the Air Force Global Weather Central were used.

Weathermen were scattered all the way from cow pastures near Gatesville in the north, to the outskirts of San Antonio in the south. The geographical separation, according to Col. John A. Samotis, 1WS commander, added realism for accurate evaluation of air and ground lines of communications.

The "friendly" Joint Task Force 7 Headquarters was at Camp Bullis, near San Antonio, while its Army and Air Forces were headquartered at Camp Swift, 35 miles northeast of Austin. The opposition Army forces were located just north of Gatesville.

It was the opposition's job to

confront the friendly forces however when the planned attack was to occur, rain struck small streams causing tank crossing points to flood. For this reason mud caused tanks to throw tracks and forced long repair operations. The repairs were eventually completed and, as the rain ended, Gallant Crew 77 continued.

Colonel Samotis reported that weather men, working with both friendly and opposition forces, "labored through the mud and whatever else was in those cow pastures." Later, Lt. Gen. W.W. Marshall, the exercise director, termed it "a huge success" and added that he was "extremely pleased with the performance of participating units."

Leaders of the exercise, in addition to General Marshall, were Lt. Gen. Robert M. Shoemaker, III Corps commander; Maj. Gen. John G. Hill Jr., III Corps deputy commander; Brig. Gen. Fred A. Haffner, 58th Tactical Fighter Wing commander; Maj. Gen. Russel Todd, 1st Armored Cavalry Division commander; and Colonel Samotis, who was General Marshall's staff weather officer (SWO) and commanded the weather support force. Lt. Col. Richard I. Nummi, 1WS, was General Shoemaker's SWO, and Maj. Patrick J. Larkin, Det. 14, 25WS, and George L. Fredrick, Det. 14, 5WS, also served as SWOs. Weather support at Gatesville was provided by Maj. Donald E. Ellingson, AWS.

AFGWC sergeant nominated, becomes Royal Astronomical Society Fellow

OFFUTT AFB, NE—TSgt. Jerry M. Sherline, a forecaster in the Air Force Global Weather Central's space environmental support branch here, was named a Fellow of the Royal Astronomical Society (RAS) in London, UK, recently.

Sergeant Sherline, although selected for the professional post, is an amateur astronomer. To say he is an "amateur" is applicable only in the sense that he does not receive money for his part in astronomy. In addition to now be-

ing a Fellow in the RAS, now he is a member of the International Society of Planetarium Educators, Great Plains Planetarium Association, Astronomical Society of the Pacific, American Association of Variable Star Observers and Patron Member of the Astronomical League.

He has held offices in three additional astronomical organizations, done several papers and been guest lecturer at three mid-western colleges.

He began looking at astronomy with more than a mild curiosity in 1952. At that time he began riding a bicycle eight miles to Chattanooga, TN's public observatory. There he studied with Dr. Karel Hujer, observatory director and Astronomy professor at the University of Chattanooga. Dr. Hujer nominated Sergeant Sherline for the Fellowship he just received.

In 1952, as a pure novice, he worked at the observatory as a janitor—sweeping floors, painting and even keeping the grounds in shape. By the time he was in high school he was an observatory assistant, which meant he worked with the huge telescopes and gave public planetarium talks.

According to Sergeant Sherline, "My past and current assignments as a solar forecasting technician with the space environment support branch has been especially meaningful and interesting for me. It has combined my profession with my hobby of amateur astronomy."

Sergeant Sherline earned a master of arts degree in public service administration from Ball State University, IN.



IT'S A FACT, according to A1C Robert F. Crosby, right, of Detachment 15, 24th Weather Squadron, Vance AFB, OK—PIREPs (pilot reports) are real. As Vance AFB's new Airman of the Quarter (AOQ) he is congratulated by Col. Carl D. Wall, base commander, as he prepared to fly in a T-38 Talon jet aircraft. The flight, during which he learned the pilot's end of a PIREP, is a reward given to base AOQs along with certificates, gifts and other recognitions from the local community. (U.S. Air Force photo)



REMINDER MAKERS, Capt. Edmund D. Daszewski and A1C Brent L. Ruden, Detachment 18, 30th Weather Squadron, Yongsan, Korea, display

their poster, which supports energy conservation, which goes on in Korea too. (U.S. Army photo by SPS Ted Enyard).

Air National Guard units seek officers, enlisteds

"Air National Guard (ANG) weather flights need former active duty people to fill unit vacancies," said Lt. Col. Arden C. Llewellyn Jr., senior Military Airlift Command advisor, Detachment 6, Headquarters Air Weather Service, Langley AFB, VA, recently.

ANG members normally train one weekend a month, for which they receive four days base pay. They also attend one 15-day summer annual training period, for which they receive the normal active duty pay according to grade.

According to Colonel Llewellyn, as of April 30 vacancies are:

Major or captain, AFSC 2524: Terre Haute, IN; Tulsa, OK; Pittsburg, PA; Mansfield, OH; Charleston, WV; McGuire AFB, NJ; St. Louis, MO; Ellington AFB, TX; New Orleans NAS, LA; and Ontario and Van Nuys, CA.

Senior master sergeant, AFSC 25190: Hickam AFB, HI; and Kelly AFB and Ellington AFB, TX.

Technical sergeant, AFSC 25170 and 25271: Mansfield, OH; Kelly AFB, TX; Van Nuys and Ontario, CA; and Ft. Wayne and Shelbyville, IN.

Staff sergeant, AFSC 25150: Washington, DC; Otis AFB, MA; McGuire AFB, NJ; Shelbyville and Terre Haute, IN; St. Paul, MN; Austin and Dallas, TX; Los Alamitos, Van Nuys and Ontario, CA; Little Rock AFB, AR; Mansfield, OH; Baltimore, MD; Nashville, TN; Selfridge ANGB, MI; St. Louis, MO; Spokane, WA; Tulsa, OK; McConnell AFB, KS; and Charleston, WV.

Sergeant, AFSC 70250: Selfridge ANGB, MI; McConnell AFB, KS; McGuire AFB, NJ; Otis AFB, MA; and Tulsa, OK.

ANG duty is creditable toward National Guard retirement benefits. Active duty retirees are not eligible for this service.

For additional, or more current information on flight vacancies, call Det. 6, Hq. AWS, Langley AFB, VA, at AUTOVON 432-7655, 7656 or 5020.

A SIMULATED IMAGE is manipulated by programmers Capt. Terry Piddington and Mr. Dave Greip, Space and Missile Systems Organization, Los Angeles AFS, CA, to correct deficiencies aboard a \$19.5 million weather satellite. The Model 5D was launched Sept. 11, 1976, and developed orbit problems. Activation of coils aboard the satellite eventually stabilized it. The Model 5D now provides weather information as it was originally planned to do. (U.S. Air Force photo)



Teacher gives pupils day's taste of their sponsor's work world

YONGSAN AI, KOREA—Miss Lou Ann Skinner, the Seoul (Korea) American High School career preparation coordinator, under a project she originated named "Work-A-Day," showed her students what life would require when they finish school. Under the project, Michael Bradley, son of TSgt. Paul D. Bradley, Detachment (Det.) 18, 30th Weather Squadron here, got an idea of his father's job, what it takes to be a weatherman, and gained a measure of radio fame in the process.

According to Lt. Col. Robert C. Sabin, Det. 18 commander, Mike

and his dad came to work at the forecaster's counter on the special day. As the morning ended, and after indepth instruction on how the job gets done, Mike recorded the afternoon forecast for airing over the American Forces Korean Network, which provides radio information and entertainment for Korea-based American forces. Later, when asked what he thought about being "on the air" Mike said, "That was pretty cool."

Miss Skinner said "Work-A-Day" was designed to guide elementary and junior high school-age students toward future professions. She said, "It is hoped such experience will give them

some direction and their studies more meaning." She added, that she believe, "frequently students in their junior or senior years of high school have already chosen careers and courses needed for them. But in many instances they select a career based on unrealistic expectations and courses only because they are prerequisites for entering that particular field.

"The goal (of the program) is for the students to learn more about their parent's or sponsor's job, its training and special skill requirements and how it relates to the mission of the unit, base and operation of the U.S. community in Korea."



UNDER HIS DAD's watchful eye, Michael Bradley, son of TSgt. and Mrs. Paul D. Bradley, draws a weather front on a weather map. Sergeant Bradley is a member of Detachment 18, 30th Weather Squadron,

Yongsan Ai, Korea. Young "Mike" visited the station as part of a school project. In the background A1C Maurice J. Boyd, an observer, plots a map. (U.S. Air Force photo)

OBSERVATION

MAC gains Kirtland AFB, NM

SCOTT AFB, IL (MNS)—Kirtland AFB, MN, transferred from the Air Force Systems Command to the Military Airlift Command (MAC) July 1.

The base was under control of the Air Force Contract Management Division, a Systems Command organization. Because of the significant MAC flying operation at Kirtland, Air Force officials determined that MAC should be the host command.

About 1,300 military and 1,200 civilian personnel were involved in the transfer, however, there were no personnel reductions as a result of the change.

SECAF pushes EO programs

WASHINGTON, DC (AFNS)—Secretary of the Air Force John C. Stetson has emphasized his absolute support and personal attention to military and civilian equal opportunity (EO) programs. In a memorandum, Secretary Stetson stated that the Air Force should be a model of equal opportunity.

"While we have made progress, we must continue our efforts to insure EO is practiced in all facets of Air Force life," he wrote. Secretary Stetson pointed out that Air Force personnel must make EO an active part of daily activities. In this regard, he stated commanders and supervisors have a special responsibility for insuring that equal opportunity is a reality.

In a letter to the field transmitting the Secretary's statement, Air Force Chief of Staff Gen. David C. Jones wrote, "The essential element in the success of our EO programs is a perceptive, sensitive individual who balances good human relations with conformance to standards. A blend of the two promotes equality of treatment and helps maintain a high state of morale, discipline, and military effectiveness."

Yokota feels housing crunch

RANDOLPH AFB, TX (AFNS)—Family housing shortages at Yokota AB, Japan, could crimp the plans of married weather members looking forward to assignment there, especially those with a military spouse desiring a joint assignment.

Yokota AB officials have advised the Air Force Military Personnel Center (AFMPC) that the severe shortage of housing could cause disapproval of joint-spouse assignment requests or delayed reporting and difficulty in setting up a joint residence.

Military couples without children could be required to live in separate bachelor quarters until they locate off-base housing. Even this option depends on the availability of bachelor quarters for the female member.

Couples accompanied by children can be authorized concurrent travel only after obtaining suitable off-base housing.

'Eagles' soar to, over Europe

LANGLEY AFB, VA (AFNS)—Combat ready aircrews flew 21 F-15 Eagle air superiority fighters nonstop from here to Bitburg AB, Germany, to increase the U.S. air combat capability in Europe.

The aircraft were the first increment of Ready Eagle, a Tactical Air Command training and delivery operation to provide a combat ready wing of three F-15 squadrons to the 36th Tactical Fighter Wing at Bitburg AB.

When completed, the move had transferred 72 aircraft, 90 aircrews and 552 maintenance people for duty with the United States Air Forces in Europe.

Civilians contribute to future

WASHINGTON, DC (FNCS)—In the ever shifting sands of time, American civil servants have made some deep footprints.

They developed a way to mass produce penicillin, space exploration, the first electronic computer, wash and wear fabrics, radar and sonar, and the basic designs now used for most aircraft.

They also developed the first neon light, nuclear-powered submarines, the instrument landing system used by all aircraft, use of satellites in weather forecasting, Dextran as blood plasma extender, standards of purity for food and drugs, the aerosol dispenser, and long-lasting synthetic lubricants.

S P O R T S

Pair bowls at national meet

FT. RILEY, KS—Two weather men, Thomas M. Case and Peter D. Gibbard, Detachment 8, 5th Weather Squadron here, recently took part in the American Bowling Congress' national tourney. As members of the Ft. Riley-Junction City, KS, team they went to Reno, NV, to compete. It was reported that after two days their averages were below normal and the team was eliminated from further competition.

Forecasters dip to observers

DYESS AFB, TX—When the observers and forecasters of Detachment 16, 9th Weather Squadron here, challenged each other to a game of slow-pitch softball, the forecasters ended up paying for refreshments.

The two teams were not limited to observers and forecasters, but also had maintenance men and administrators. According to MSgt. Charles G. Treser, unit information NCO, MSgt. Sergio J. Rodrigues, the losing coach, did not complain too loudly at his team's 25-24 loss at the end of the agreed-upon seven innings.

Blasts way to shooting medal

ELMENDORF AFB, KS—When Terry M. Howard, a weather forecaster with the 11th Weather Squadron here, went up against the best trapshooters in the Air Force, Army, Navy, Coast Guard and Marine Corps recently he watched two men outscore him—narrowly. He returned home wearing the contest's bronze medal.

The event, the Inter-Service Shooting Championships, took place at Ft. Benning, GA, and was Howard's first shooting meet in five years. Despite the time disadvantage between competitions, the firing forecaster scored 285 out of a possible 300 points, just two points behind the gold medal winner.

Howard has a long list of trapshooting honors to his credit. He set world records in the 1968 Olympic Trials, won a 1969 World Championships silver medal and, for two years, coached the Air Force team.

What is next for him? He now plans to come out shooting again, this time in the U.S. Olympic Trapshooting Team finals later this month.



RUNNERS break from the starting line in the TUSLOG Detachment 2 organized fifth annual Great Race here. Included in the race is a man

who's value falls slightly short of the bionic man—he is the "six dollar man." (U.S. Air Force photo by TSgt. George P. Campbell)

Quartet organizes, officiates, joins 'Great Race'

INCIRLIK CDI, TURKEY—Four members of TUSLOG Detachment (Det.) 2 here organized, prepared and officiated in a special sports event dubbed "the 1977 Great Race activities."

Daniel J. Caiella and Newton Reid officiated the track events and the 12-mile marathon; George M. Warner also officiated track events, a six-mile cyclothon and prepared the marathon

course; and Alfred F. Scholz was the Great Race director, coordinator and organizer.

According to Scholz, "It was the fifth annual Great Race held here, a tradition which began when two Incirlik airmen challenged each other to race from the Adana Lake dam to the air base's main gate—12 miles.

This year the event was held entirely on base and 68 persons completed the course."

Unit members walk reef

KADENA AB, JAPAN—Members of Detachment 8, 30th Weather Squadron here, led by Lt. Col. Dale Meyers, commander, took advantage of an unusual event. They took a "reef walk" when Okinawa experienced its strongest "minus tide" of the year—minus .82.

According to Colonel Meyer, in the pre-dawn hours recently, and using lanterns and flashlights, the group explored many East China Sea tide pools near the base. Their exploration netted them many varieties of marine gastropods (sea shells), some of which are said to be uncommon even to shell collectors.

Also with the group, and acting as unofficial safety man, was Carl A. Burke, a dual-qualified self-contained underwater breathing apparatus (SCUBA) diver and the unit's administrative noncommissioned officer in charge.

Units walk for others

YONGSAN, Korea—When the 25,000 walkers began the annual hike called "Miles for Millions," 14 of the eventually footsore entries were members or employees of the 30th Weather Squadron (WS) or its Detachment (Det.) 18. The walk is made to raise money (this year's goal was \$60,000) for assistance to physically handicapped children, needy working youths, orphans and the aged.

Each walker had to get sponsors to pledge money for each mile walked, then had a special "walk passport" validated at each of the many checkpoints set up at intervals along the 12.8-mile course. From among the two weather units, the people who were unable to walk pledged money to those who did walk. This turned out to be pledges made by 80 per cent of Det. 18 and 90 per cent of the 30WS.

Lt. Col. Robert C. Sabin, Det. 18 commander, not

only sponsored several walkers, but led his group over the entire route, other walkers from Det. 18 were Edmund D. Daszewski, Donald O. Novak, William L. Burton and James Schultz. The Det. 18 group was joined by Amn James A. Turner of the 30WS.

Korean civilian employees and friends of the two units who took part were Mrs. Myong Suk Ha, Joon Bong Ko, Yong Hak Choe, Mrs. Sun Chung Kim, Miss Chun Ja Bae, Mr. and Mrs. Bum Joong Kim, and Sang Bum Pak. The unit contributed a total of \$350.

PR has 'hot solar bowler'

RAMEY, PR—Chuck Brodt, noncommissioned officer in charge of Detachment 5, 12th Weather Squadron's Solar Maintenance Section, holds the undisputed title as the unit's hottest bowler. As the only Air Force entry in the U.S. Navy's COMNAVFOR Caribbean 1977 Bowling Meet, Chuck took first place in the doubles event with a 2,236 and third place in the singles division with a 1,156. His third place was within one pin of tying for second and only seven behind the leader. Brodt's partner in the doubles was a Navy man, Bill Kollars.

Peek, Ohio strongman

WPAFB, OH—Max H. Peek, Detachment 1, 2nd Weather Squadron here, is the 1977 Ohio State Powerlifting Champion for the 148-pound class. He claimed the title during the Ohio State Championships at Sandusky, OH, with a winning total of 1,215 pounds. The winning poundage was earned as he lifted 415 pounds in the squat, 275 pounds in bench press and 525 pounds in dead lift.

Bowlers take both ends

SCOTT AFB, IL—Four weather bowling teams, two on each end of a 10-team league, put pressure on Scott AFB's officers recently.

Headquarters, Air Weather Service (AWS) had three teams in the Scott AFB Officers Bowling League and the Environmental Technical Applications Center (ETAC) had one.

In the league's opening games all 10 teams were even, but with the falling of the final pin, AWS' Team One held the top spot, the AWS Team Two was runnerup and the league's ninth and tenth places went to the AWS Team Three and ETAC respectively.

The winning team was made up of Al Molla, Hyko Gayikian, Bob Miller, Jim Kennedy, Herm Griesbach, Kelly Klein, Larry Best, Mal Dunn, Mel Fourroux and Dennis Jebsen.

The AWS Team Two captain, a man who led his team ahead of all others through most of the league's competition, was Bob Martin. Larry Best finished the league with a high average of 184.

Det. 15 takes W-P meet

WPAFB, OH—When three weather units squared off at WPAFB's Kittyhawk Bowling Lanes recently, the base weathermen got the trophy and the other two units got the bill.

The base weather team (Detachment (Det.) 15, 15th Weather Squadron (WS), the winner, was made up of Jon Hayward, Rich Ulisky, Bruce Merrill, Bob Dodson and Steve Mekis. Second place went to Det. 1, 2WS and third to Det. 5, 6WS.

Sports hot at McConnell

MCCONNELL AFB, KS—Two sports items, in two separate sports, caused a stir at Detachment 23, 26th Weather Squadron here. The unit's golf team, after four matches in intramural golf, had won 40 points and lost eight.

In bowling, the unit's Gordon L. Patton was named the base's Most Improved Bowler in McConnell AFB's intramural league.