



Weather Component of USAF's Military Airlift Command

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A RADAR CLOUD DETECTION SET is the subject of scrutiny by Italian Major General Giorgio Fea, head of his country's combined military-civilian weather service. Explaining the operation of the cloud mark scale on the set for changing the altitude increments on the scope

is MSgt. Ralph L. Wheeler, a forecaster with Detachment 21 of 7th Weather Wing's 15th Weather Squadron at Scott AFB. General Fea toured the detachment while at Scott to visit Air Weather Service headquarters.

53d crews fly aerovac missions

RAMEY AFB, Puerto Rico—WC-130 crews assigned to the 53rd Weather Reconnaissance Squadron, Ramey AFB, Puerto Rico, figured in three aeromedical evacuation missions last month.

The first concerned a Ramey medical officer involved in a scuba diving accident who required immediate decompression treatment. The closest decompression chamber was at Guantanamo Naval Base, Cuba.

Within two hours after notification a WC-130 commanded by Maj. Dave Belveal was enroute to Guantanamo with the patient aboard. Aircraft cabin pressure was maintained at sea

level to keep the patient more comfortable.

After landing, the patient was transferred by helicopter to the Guantanamo base hospital.

The Hurricane Hunters' two other aerovac missions involved crew members from the USS Rockaway, a Coast Guard Cutter supporting Barbados Oceanographic and Meteorological Experiment (BOMEX) operations in the West Indies.

A WC-130 on a reconnaissance mission was diverted into Seawell Airport, Barbados, to pick up a man injured while operating a winch aboard the Rockaway.

Upon arrival at Ramey he was transferred by ambulance

to the base hospital for treatment.

The third aerovac flight involved a Rockaway crewman who was injured on Barbados. He was flown from Barbados to Ramey aboard a diverted WC-130 for treatment.

Rescue try nets Airman's Medal for observer

OSAN AB, Korea—Sergeant Stanley E. King, a Detachment 15, 20th Weather Squadron observer, has received the Airman's Medal for his actions following a helicopter crash near Koon-ni Village earlier this year.

During the evening of January 24, Sergeant King and a companion were told by Korean guards that a Republic of Korea (ROK) helicopter had crashed into the nearby bay. Hurrying to the scene, King and his companion found that a UH-1B "Huey" helicopter had crashed, inverted, in 20 feet of water.

King and his companion enlisted the aid of an interpreter and a local boatman, who took the two airmen to the submerged helicopter. Finding it completely submerged, the two repeatedly dived into the frigid water to free the "Huey's" crew, disregarding the danger from the floating fuel.

Unsuccessful at first, King and his fellow airman finally managed to enter the chopper where they found the entire crew had been killed in the crash.

AFGWC named unit; 2nd Sq. inactivated

Hq. AWS—Thirty-two years and one week after its activation as an original AWS unit, the 2nd Weather Squadron went into the limbo of inactive Air Force units for the third time. And, for the second time, its resources changed into something larger and more suited to AWS requirements.

On July 8 the 2nd Weather Squadron was inactivated and its people and facilities were "kicked" upstairs to become the Air Force Global Weather Central, reporting directly to Hq. AWS.

The 2nd Weather Squadron was originally activated on July 1, 1937, as one of the three units organized when Army weather functions were transferred to the Air Corps. It was responsible for providing weather data for military use in an area encompassing most of the U. S. east of the Mississippi River.

During World War II the 2nd grew from 12 detachments and 89 people to 55 detachments and 1,168 people. In September, 1944, the 2nd was inactivated for the first time.

Seven years later, in September 1951, war called it forth to activation at Carswell AFB, Tex. The squadron began an association with the Strategic Air Command which was to continue through 18 years and another inactivation.

Its original composition was eight detachments with the mission of providing weather support to SAC's Eighth Air Force. When SAC realigned itself geographically in 1955, 8th AF headquarters went to Westover AFB, Mass., and 2nd Weather Squadron went along to continue its support. The second inactivation of 2nd Wea. Sq. came on Oct. 8, 1956.

That same day the 1st Weather Group at Offutt AFB, Neb., was redesignated the 3d Weather Wing, and its Detachment 1 became the Global Weather Central.

In May 1967 the 2nd Squadron emerged to begin its third tour of active duty. It was assigned to the Military Airlift Command at this time, until it could be assigned an area of responsibility. That assignment came on July 1 of the same year, when Det. 1, 3d Wea. Wg. was designated as the 2nd Wea. Sq., (Air Force Global Weather Central).

The 2nd Weather Squadron-Air Force Global Weather Central "marriage" was to last for two years and eight days.

Again the 2nd Weather Squadron was to go into the limbo of inactive Air Force units. Its more than 450 officers, airmen and civilians remained at Offutt to become the Air Force Global Weather Central and part of Hq. AWS.



BLACKBIRDS and starlings are dangerous around the flight line, and what better candidate for guard duty than the bird's natural enemy the great horned owl? Stationing one of the four wise sentries around the Griffiss AFB, N. Y., flight line are (left to right), Airmen First Class Richard Kitchen, Chuck Henderson and Sgt. Henry McNight, all of Detachment 6, 15th Weather Squadron.

Wing commanders confer

Scott AFB, Ill.—AWS wing commanders gathered at Scott AFB to attend a three-day Commanders' Conference. The key Air Force weathermen were scheduled to discuss matters of mutual interest with Maj. Gen. Russell K. Pierce Jr., AWS commander, and members of his staff.

On hand for the meeting were: Colonels Lowell A. Stiles, 1st Weather Wing, Hickam AFB, Hawaii; Thomas J. Arbogast, 2nd Weather Wing, Wiesbaden, Germany; Robert L. Sorey, 3rd Weather Wing, Offutt AFB, Neb.; Paul E. McAnally, 4th Weather Wing, Ent AFB, Colo.; George E. Rath, 5th Weather Wing, Langley AFB,

Va.; Arnold R. Hull, 6th Weather Wing, Andrews AFB, Md.; Douglas C. Purdy, 7th Weather Wing, Scott AFB, Ill.; and Thomas A. Aldrich, vice commander, 9th Weather Reconnaissance Wing, McClellan AFB, Calif.

Also slated to attend were Colonels Daniel Mitchell, commander of the 1st Weather Group, Tan Son Nhut AB, Vietnam; Ralph J. Steele, commander of the Air Force Global Weather Central, Offutt AFB, Neb.; and Louis A. Gazzaniga, assistant for weather in the office of the Air Force deputy chief of staff for plans and requirements. James V. Bassett, chief of the AWS Washington office, also attended.

Thinking weathermen key to AWS mission

By CMSgt. William M. Gardner
Special Assistant for Airman Affairs

The wide array of complex equipment and sophisticated systems on which we rely to help us observe, report and forecast the weather are indispensable tools of our profession. But the true key to successful mission accomplishment is a stable of trained career people.

Over the years we have somehow managed to keep pace with training requirements, but have we provided the motivational stimuli which prompt young people to think in terms of full military careers?

In reviewing the records of retention interviews, I have often encountered the statement - "I just don't like military life." I am sure some young airmen who leave the service really do feel this way. But how many of them, I wonder, offer such reasons to avoid saying what they really think? One of the more frank airmen, for example, flatly stated that he did "not aspire to being an NCO."

Now, to a career noncommissioned officer, this is not at all flattering. But if this attitude is as prevalent as I suspect it may be, small wonder that in recent years more than 80 percent of our young people have decided to take their business elsewhere. Retention has always been a part of the NCO's job. If we had done that job properly, there would be no need for special retention programs such as "Top Three."

Much has been made lately of the so-called generation gap. Perhaps it exists and perhaps it doesn't, but few can deny that there is a serious communication problem today between young people and those who are entering the gray-hair stage. This problem hits the Air Force right where it hurts, for if the experienced NCO and the junior airman cannot communicate, retention is likely to suffer.

You cannot be effective as an NCO unless you "tune in" to current trends of thought among our younger people. If there is a barrier to useful communication, it's your responsibility to sweep it aside. You can start by getting to know your people better than you know them now. And remember to give credit where it is due - and do it publicly. Become familiar with the retention aids available to you and, above all, tell it like it is!

While you're at it, don't overlook those second-and third-termers. To take them for granted is a serious mistake. They are an important resource and deserve as much understanding and attention as that two-striper on his first hitch.

1st Wea. Group Comdr.



A KEY WEATHERMAN for Department of Defense Apollo recovery support is Lt. Col. Robert H. Dowd (right), Detachment 11, 6th Weather Wing, Patrick AFB, Fla. As Assistant for Meteorology to Maj. Gen. David M. Jones,

DOD Manager for Manned Spaceflight, Colonel Dowd was on duty at the Manned Spacecraft Center, Houston, throughout the historic flight of Apollo 11.

"My hopes for America's future," 1969 Freedom's Foundation theme

HQ MAC - "My Hopes for America's Future" is the theme for the 1969 Freedom's Foundation Awards Program's annual letterwriting contest.

Freedoms Foundation, Valley Forge, Pa., is offering \$1,000 to the writer of the best letter among active duty members of all branches of the service. Also, there are 50 awards of \$100 each and 50 awards of \$50 each.

The top 10 winners will be invited to Valley Forge to receive their awards at the annual

presentation ceremony on George Washington's Birthday, Feb. 22, 1970. This will be followed by a trip to Washington.

Letters submitted must not be less than 500 nor more than 1,000 words. Entries must include printed or typed full name, grade, social security account number, full military address, service or reserve component, and full home address. Notification of winners will be made in February of 1970.

Entries will be sent

to Freedoms Foundation, Valley Forge, Pa. 19481. All entries must be postmarked by Nov. 1, 1969.

Although the letterwriting program is the most popular category with service men, military personnel and their dependents are eligible to participate in all categories of the Freedoms Foundation Awards Program. Information on any specific award category may be obtained by writing Awards Administration, Freedoms Foundation, Valley Forge, Pa. 19481.

AWS officers fare well for majors leaves

Hq. AWS - According to a recent announcement by Col. Arthur Yorra, DCS/Personnel, Hq. AWS, 66 percent of all eligible weather officers were selected for promotion to major in Air Force's FY-70 temporary major promotion cycle.

Of the 6,472 officers selected for promotion, 114 are assigned to AWS units. The command had 51 percent of its eligibles selected, compared to a 60 percent selection rate Air Force wide.

Of those considered for the first time, 77 percent were selected. Those going for gold leaves for the second time had a 44 percent selection rate.

Air Force promoted 64 percent of its eligible pilots, 62 percent of its navigators and 56 percent of its nonrated officers.

Colonel Yorra pointed out that 45 percent of those officers with only a high school education and eligible for promotion were selected and 55 percent of those with some college were selected, while 63 percent of those with bachelor's degrees, 75 percent of those with master's degrees and 85 percent of those with doctor's degrees were chosen.

The weather officer selection rate was surpassed only by the rate for research and development officers (75 percent) and civil engineer officers (72 percent).

General Estes praises AWS on 32nd birthday

Congratulations to the Air Weather Service upon the occasion of its anniversary.

The professionalism and dedication of the people of Air Weather Service over such a long period of time serve as inspiration to all of us.

In the performance of our global mission we are continually aware of your efforts.

Best wishes for continued success.

Sincerely

Howell M. Estes, Jr. General, USAF
Commander



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MAJ. GEN. RUSSELL K. PIERCE, JR.
Commander, Air Weather Service
CAPT. TERENCE MAYER, Director of Information
LT. RAY A. CROCKETT, Managing Editor
SSGT. GENE GOLDSMITH, Editor



MAKING MINOR ADJUSTMENTS to the projector of the Rotating Beam Ceilometer (cloud measurer) at U Tapao AB, Thailand, are Sergeants Raymond J. Metzger (left) and Robert W. Stalker, both members of Detachment 30, 10th Weather Squadron. Landing in the background is a war-painted B-52 Stratofortress.

Hurricane season kicked off with BOMEX flights

Hq. AWS - Down south in the Atlantic and Caribbean, another hurricane season is brewing, preparing to unleash killer winds against the area's tropical isles and the mainland of the United States. In the past five years, 12 hurricanes have struck the US, four of them last season.

This year, as for many years past, the U S A F Hurricane Hunters - the 53rd Weather Reconnaissance Squadron, Ramey AFB, Puerto Rico - will fly into the eye of each of these storms to measure their fury.

This year a new twist has been added. In addition to hunting and tracking storms, the AWS squadron is flying daily missions in support of the Barbados Oceanographic and Meteorological Experiment (BOMEX) during May through July. BOMEX, the largest single sampling of air and water the world has known, is a study of the behavior and interaction of atmosphere and ocean in subtropical and tropical waters.

For BOMEX, a joint venture of the governments of the U S and Barbados, the Hurricane Hunters are flying WB-47 and RB-57F missions as well as WC-130 sorties, using some aircraft and crews on loan from sister weather reconnaissance squadrons of the 9th Weather Reconnaissance Wing. WB-47s fly atmospheric sampling missions on a daily or twice-daily basis, while RB-57 fly high-altitude sampling and cloud-photography missions.

But, the 53rd's primary mission still is to provide storm surveillance for the Atlantic coast east of Puerto Rico and to locate and track tropical storms off the entire U S coastline from Texas to Maine, alternating with the U S Navy. The area covers a million and a half square miles of ocean and gulf waters.

Pivot of the military hurricane - warning network is the Chief of Aerial Reconnaissance Coordination for Atlantic Hurricanes (CARCAH). An Air Force official, he is responsible for making sure that aerial reconnaissance by both Navy and Air Weather Service is flown in keeping with National Hurricane Center (NHC) needs. His job is to follow through from the first report of a suspected storm - perhaps from one of America's orbiting weather satellites - to issuance of the season's last hurricane bulletin.

Stationed at the Miami Center, CARCAH triggers a warning service to Navy, Army and Air Force installations. Warnings for civilian interests and the general public are issued by the Weather Bureau from its NHC. Military installations and ships at sea receive basic advisory forecasts from the Weather Bureau and tailor them to local needs without substantial change in content.

During the annual hurricane season, the Hurricane Hunters receive a daily teletype message from CARCAH, outlining reconnaissance needs for the coming 24 hours. When an immediate report is necessary, a direct telephone request is made by CARCAH. Throughout the season, daily weather missions are flown on fixed routes, called tracks. Special storm reports are obtained by diverting routine flights.

Always alert and watchful, the National Hurricane Center, backed by the men and aircraft of the nation's military weather - reconnaissance force, is America's guardian against the hurricane. When the violent seasonal storms come, U S weather agencies, working together, spread the word to take the precautions which can prevent loss of life and keep property damage to a minimum.

Weathermen Help Falcon '69

Hq. AWS - Air Weather Service aircraft, crews, combat weathermen, technical personnel and their equipment provided support this month to Falcon '69, an orientation program for members of the Air Force Academy sophomore class sponsored by the Military Airlift Command at Norton AFB, Calif.

Each summer, Air Force Academy cadets visit selected installations for indoctrination in the missions of various Air Force operational commands. This was the first year the third classmen, under the supervision of members of the senior class, had visited a MAC base. Groups of approximately 500 cadets each attended one of two sessions at Norton June 29-July 2 and July 12-16. The orientation program included a stage production dramatizing the missions and re-

sponsibilities of MAC airlift and service units, static displays and demonstrations.

Squadrons of the 9th Weather Reconnaissance Wing which furnished aircraft and crews for static display were: 53rd Wea. Recon. Sq., WC-130; 55th Wea. Recon. Sq., WB-47 and WC-135; and 58th Wea. Recon. Sq., RB-57C and RB-57F.

Other participating AWS units included the 6th Weather Squadron (Mobile), which provided a four-man mobile team and weather van, and Detachment 75, 5th Weather Wing, which staged a combat weather team aerial deployment demonstration.

Capt. Francis L. House, Hq. AWS, and Capt. Emmett E. Williams Jr. 55th Wea. Recon. Sq., took part in the theater presentation.

BOMEX reconnaissance men lauded for 100th mission

Hq. AWS - AWS aircrews recently completed their 100th weather reconnaissance mission in support of operation BOMEX - and drew praise from operation officials for their outstanding efforts.

BOMEX, for Barbados Oceanographic and Meteorological Experiment, is a joint, in-depth study of the interaction of the sea and atmosphere, being conducted east of Barbados, West Indies. It involves, in addition to weather reconnaissance crews and support personnel, scientific personnel, vessels and aircraft from a number of U. S. agencies and the Government of Barbados.

Reconnaissance missions are flown out of Ramey AFB, Puerto Rico, by WC-130 and WB-47 crews from the 53rd Weather Reconnaissance Squadron. To obtain high altitude weather data, RB-57F aircrews and support personnel from the 58th Wea. Recon. Sq., Kirtland AFB, N. M., are on temporary duty with the 53rd.

On the occasion of the 100th mission, BOMEX officials sent the following message to the commanders of the 53rd and its parent unit, the 9th Weather Reconnaissance Wing, McClellan AFB, Calif.:

"All agencies and universities engaged in BOMEX join in extending congratulations on the 100th reconnaissance mission... in support of the operation. The high altitude radar and color photography, dropsondes and sampling have contributed substantially to the scientific objectives of BOMEX. They are of even greater value because of the consistency of your operation. Please convey our gratitude to the officers and men... for their outstanding efforts."

BOMEX is scheduled to continue through July 28.

Two Bronze Stars to 55th's Herrington

McCLELLAN AFB, Calif. - Lt. Col. Charles Herrington, 55th Weather Reconnaissance Squadron, has been awarded the Bronze Star Medal and the first oak leaf cluster.

Colonel Herrington won the Bronze Star for meritorious service as senior duty controller, 834th Air Division Control Element, Vietnam, on May 12, 1968, when he re-routed aircraft, directed fighter coverage and briefed aircrews during an attack on the Special Forces Camp at Kham Duc.

The colonel was awarded the first oak leaf cluster to the Bronze Star for meritorious service as senior controller and Commander Airlift Control Element, 834th Air Division, Vietnam, from Nov. 2, 1967, to Sept. 2, 1968.

AWS Cost Reduction; over the goal again

Hq. AWS - Air Weather Service wrapped up its Fiscal Year 1969 Cost Reduction Management Improvement Program 53.7 percent ahead of its assigned goal.

Validated savings for the period were \$546,500, compared to an assigned goal of \$356,500. The command also had \$143,000 in cost reduction items awaiting Military Airlift Command validation action at the close of the fiscal year.

AWS exceeded its cost reduction goals in eight of the nine areas in which they were assigned.

The command completed 116 cost reduction management actions in exceeding its assigned goal. FY-1970 goals had not been announced at press time.

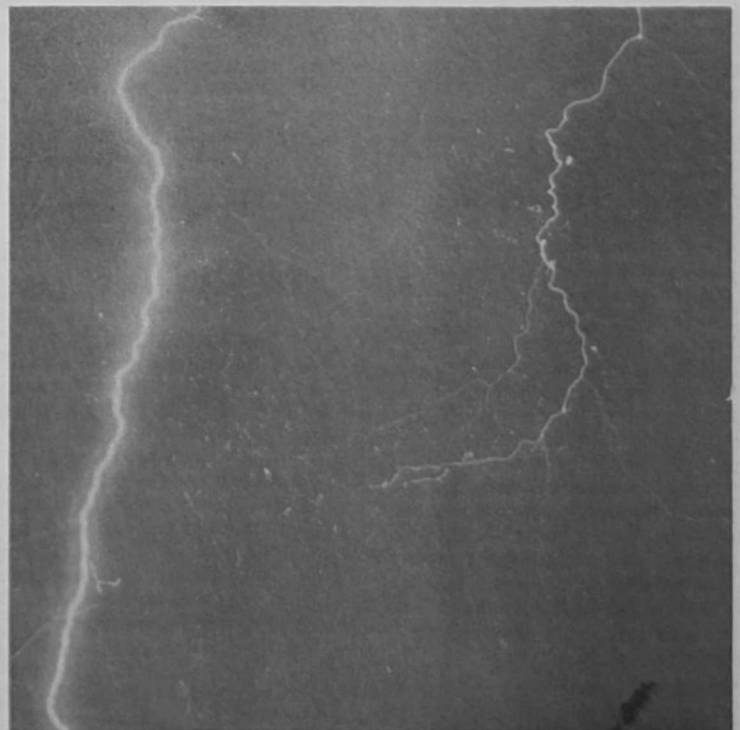
Weather NCO in top 10% of academy class

KNOXVILLE, Ky. - The Air Weather Service has an enviable habit of bringing home graduate honors from the MAC NCO Academy. This time AWS has a graduate award winner from a different school.

SSgt. George H. Day, Environmental Technical Applications Center (ETAC), was Commandant's Award winner and one of four Regular Air Force NCOs to graduate from the Air National Guard (ANG) NCO Academy recently.

Bronze Star

Capt. Kenneth R. Itagaki has been presented the Bronze Star Medal for meritorious service while a member of the 1st Weather Group at Tan Son Nhut AB, Vietnam.



PRE-FOURTH OF JULY fireworks were recently observed by persons in the Laughlin AFB and Del Rio, Tex., area when they experienced a severe electrical storm. Sgt. Richard G. Hale, Detachment 20, 24th Weather Squadron, captured the lightning bolts on film when twin flashes were sighted from the representative observation site at Laughlin AFB. Sergeant Hale used a 35mm Voitlander camera.



IT'S NOT A BUDDING OLIVE, but credit for the Rose Bud Award won by the Scott AFB, Ill., WAF squadron for its barracks garden belongs to SMSgt. Olive Folze, DCS/Personnel, Hq. AWS. She donated her time and talents with flowers to produce the colorful surroundings in the squadron's area. With the help of the other WAF, Sergeant Folze organized gardening projects which won the squadron a rose bush and \$10 from the Scott Officers' Wives Club, which sponsored the event.

General Fea visits Scott

Hq. AWS - Maj. Gen. Giorgio Fea, director of Italy's civilian and military weather services, recently visited Hq. AWS at Scott for two days.

General Fea, who has headed the Italian meteorological services since 1964, was here as a participant in the State Department's International Visitor Program.

His visit to this country had a three fold purpose. He was here to meet leading meteorologists, to visit meteorological instrument industries and private and government meteorological institutions, and to develop his understanding of the country through visits to homes, scenic spots and cultural and sports events.

While at Scott General Fea, was briefed by members of AWS and Military Airlift Command on organization and operation of the respective commands.



BALLOON LAUNCHINGS were a common sight last month at the Louisiana Air National Guard (ANG), Naval Air Station, New Orleans, La., when men of the 122nd Weather Flight made 10 pilot balloon (PIBAL) observations. ANG observers are required to maintain proficiency in PIBAL observations by taking at least one PIBAL per quarter. Holding a 30-gram balloon is Sgt. James C. Vaughn; to his left are TSgt. Albert S. Peterson, Weather Air Technical Advisor; Sgt. Michael J. Beernaert, recorder and MSgt. George W. Smith, chief observer.

Senior weather NCO assignment possibilities

Hq. AWS - The following list of senior weather NCO assignments is provided to assist AWS senior sergeants to take advantage of the command's base of choice program.

Bear in mind that if you request an assignment to a base where your skill level is not authorized you have eliminated the possibility of obtaining the desired location for your next assignment.

An "X" on the attached chart identifies those locations where at least one chief master sergeant or senior master sergeant forecaster observer or maintenance technician is authorized in the current manpower documents. A few locations have been omitted from this chart. Those omitted

are locations where known programmed actions will change the current manpower requirements.

It should be noted that this chart indicates authorizations only and does not necessarily indicate where current or projected vacancies exist. Since assignments can be made only to fill valid vacancies, obtaining a desired end assignment depends on whether a vacancy exists and the number of individuals requesting that location.

The order of priority for assignment consideration is: Southeast Asia returnees, other remote tour returnees, isolated tour returnees and then long tour returnees.

	25290		30291		25390	
	E-9	E-8	E-9	E-8	E-8	E-9
Alexandria			X			
Alconbury				X		
Andersen (Guam)		X	X	X		X
Andrews	X	X	X	X		
Athens			X			
Barksdale		X		X		
Bergstrom		X		X		
Blytheville				X		
Carswell			X	X		
Castle				X		
Charleston		X		X		
Clark (Philippines)	X	X		X		
Davis Monthan				X		

Recon NCO Airman of Year for MAC units at McClellan

MCCLELLAN AFB, Calif., - MSgt. Paul A. Philips, 9th Weather Reconnaissance Wing, has been selected as the first Airman of the Year for MAC units at McClellan AFB.

Sergeant Philips was selected from among nominees representing the 9th Wea. Recon. Wg., 55th Weather Reconnaissance Squadron, Detachment 19, 24th Weather Squadron, Det. 36, 7th Weather Wing and the Aerospace Audio Visual Service.

Cited for his outstanding performance as an aircraft engine monitor for the 9th Wing. Sergeant Philips was cited with several innovations in engine control and management, including a suggestion system for control and coordination between the wing, its units and higher headquarters.

As engine monitor, Sergeant Philips is responsible for all aspects of engine maintenance, modification and inspection for the wing's aircraft dispersed in six squadrons and two detachments. His duties also include regular briefings of the wing commander and staff on the status and movement of the wing's 427 jet and 76 propeller engines.

Bronze Star

MSgt. Charles D. Cronen, Detachment 52, 20th Weather Squadron, Tachikawa AB, Japan, has been presented the Bronze Star Medal for meritorious service as maintenance superintendent, materiel division, Hq. 1st Weather Group, Vietnam.

	25290		30291		25390	
	E-9	E-8	E-9	E-8	E-8	E-9
Dover						
Dyess						
Eglin	X		X	X		
Ellsworth						
Elmendorf		X	X	X		
Ent	X	X	X	X		X
Ft. Monroe		X		X		
Ft. Rucker			X	X		
Ft. Walters				X		
Fuchu (Japan)	X	X	X	X		
Hamilton		X		X		
Heidelberg (Ger)		X	X	X		
Hickam	X	X	X	X		X
High Wycombe (UK)	X		X	X		
Hill				X		
Homestead				X		
Howard (Panama CZ)	X			X		
Hunter				X		
Kadena (Okinawa)	X		X	X		
Kansas City		X		X		
Kelly				X		
Kindsbach		X		X		
Kindley (Bermuda)		X	X			
Kirtland				X		X
Korat (Thailand)				X		
Lajes (Azores)		X		X		
Langley	X	X		X	X	
Little Rock				X		
Lockbourne				X		
Long Binh (RVN)		X				
Los Angeles				X		
Luke				X		
MacDill		X		X		
Manila (Philippines)			X	X		
March		X		X		
Mather				X		
Maxwell				X		
McChord				X		
McClellan		X		X	X	X
McCannell				X		
McGuire	X	X	X	X	X	X
Mildenhall (UK)				X		
Nellis				X		
Northolt (UK)		X				X
Norton				X		
Offutt	X	X	X	X	X	X
Osan (Korea)				X		X
Patrick		X		X		X
Pearl Harbor				X		
Pelehu (Hawaii)				X		
Peterson Field				X		
Pope				X		
Ramsey (Puerto Rico)				X		X
Ramstein (Ger)		X		X		
Randolph		X		X		
Rhein Main (Ger)				X		
Richards-Gabour		X		X		
Robins				X	X	X
Sagamore Hill				X		
Scott	X	X	X	X	X	X
Shaw		X		X		
South Ruislip (UK)				X		
Stewart		X		X		
Sunnyvale			X	X		
Tachikawa (Japan)			X	X	X	X
Tan Son Nhut (RVN)	X	X	X	X	X	X
Teheran (Iran)				X		
Thule (Greenland)		X		X		
Tinker	X	X	X	X	X	X
Torrajon (Spain)		X		X		X
Travis		X		X		X
Tuslog, Det. 2		X		X		
Tyndal				X		
Udorn (Thailand)		X		X		
Vandenberg	X			X		
Washington (ETAC)		X	X	X		
Westover		X		X		
Wheatus (Libya)		X		X		
Wiesbaden (Ger)	X	X		X		
Wright-Patterson			X	X	X	X
Yokota (Japan)			X	X	X	X
Yong San Res. (Korea)		X		X		X

Promotions

The following named AWS members were promoted to the grades indicated July 1:

To MSgt.

Eugene A. McCartney and Calvin S. Quattlebaum.

To TSgt.

Douglas B. Atkinson, Clifford Campbell, Kenneth M. Ford Jr., James R. Fraser, Henry F. Hawkins, Jerry R. Kennedy, Charles D. Roberts, Seldon D. Schroyer and Marron C. Cropper.

To SSgt.

Arthur G. Beardsley, Robert V. Tedesco and Gary R. Nunn.

To Sgt.

George W. Arvin, John J. Bienick, Clarence D. Boze, Lary M. Burgett, William A. Cunningham, Stephen M. Durell, Brian Eckert, John A. Frazier, Terrence J. Gillian, Cameron L. Green, Richard C. Grimaud, Dudley R. Hartel and Thomas L. Hinckley.

Also promoted to sergeant were Robert K. Horres, Michael F. Howell, Barry L. Jenkins, Raymond M. Kruse, Steven E. Lackershire, Michael J. Lomax, Gordon R. MacMillian, Robert M. Malanche, James R. Midkiff, Michael W. Moss, Ronald S. Mulligan, Michael E. Propst, Scott I. Richardson, Gary A. Rugg, Stephen V. Sigg, Cecil I. Smith Jr. and Michael L. Stafford.

To A1C

Alfred M. Glass and David P. Silko.

Weathermen cited for safety record

WRIGHT-PATTERSON AFB, Ohio - Detachment 15, 15th Weather Squadron, was cited recently for its outstanding safety record by Col. Robert H. Langdale, vice commander of the 2750th Air Base Wing, Wright-Patterson AFB, Ohio.

Colonel Langdale presented Maj. John F. Ryan, Det. 15 commander, an Accident Prevention Achievement Award, recognizing the unit's record of 51,275 (four years, five months) work days without an on-duty accident to unit personnel.

Pike's Peak residents help weathermen gauge rainfall

COLORADO SPRINGS, Colo., - If you want to know how often to water your lawn, what areas of town require the least watering, where you're likely to get more hail or less snow, then Operation Raincheck just may supply the answers.

Operation Raincheck is a project operated and sponsored by the Pike's Peak Chapter of the American Meteorological Society. It is a volunteer, non-profit network of rain gauges manned by both amateurs and professionals.

It began in the summer of 1967 when civilian and military meteorologists, aided by local residents, started measuring and studying rainfall in Colorado Springs and the Pike's Peak region.

The period covered is from May through September. That first summer about 70 people took part. This number doubled last year and the organization hopes for a further increase in people interested in gathering rainfall information.

CMSgt. Donald T. Brissett and Clarence Everson, members of Hq. 4th Weather Wing's Climatology Branch, have been quite instrumental in Operation Raincheck, having been with it since its inception and compiling most of the resulting data.

Both men went to Washington D. C., to address a joint meeting of the AMS and the American

Geophysical Union, last month, on the project. They briefed the two groups on how the project was set up, existing results and plans for the future.

Reasons for establishing a network of rain gauges were many.

Meteorologists living in the Colorado Springs area observed that rainshowers and thunderstorms seemed to have particularly favorable areas of activity.

One area they discovered was along the mountains to the west of Colorado Springs. Another was over the higher ground near and in the Black Forest, while a third was just south of the city.

The meteorologists reasoned that the magnitude of precipitation variations over metropolitan Colorado Springs may be worth studying for scientific as well as economic reasons.

The AMS chapter decided that in order to obtain an accurate indication of very small scale precipitation patterns, and to add further to knowledge already gained by the local weather bureau that at least 100 gauges would be required in the city proper. Another 50 to 100 sites would be needed around the city.

Thus the idea for Operation Raincheck was born.

It's still a long-range project but many questions are being answered by volunteers' daily readings of rain gauges.

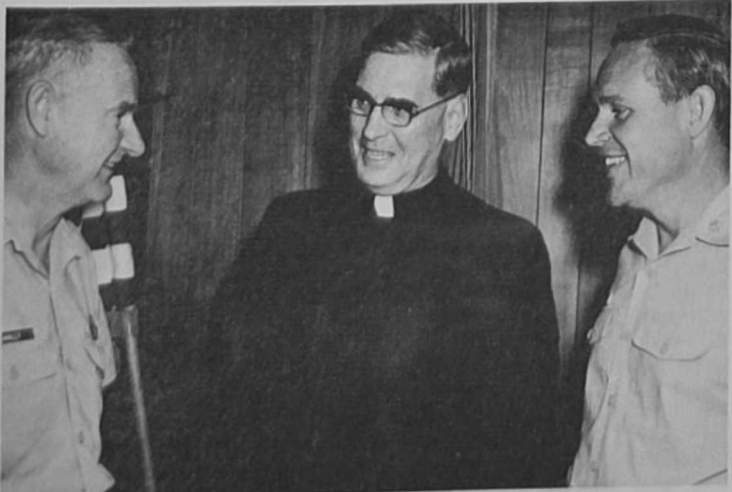
Observatory director tours forecast complex

ENT AFB, Colo., - The Rev. James J. Hennessey, director of the Manila observatory, Republic of the Philippines, recently paid a visit to the AWS Solar Forecast facility (Detachment 7, 4th Weather Wing).

During this, his first visit to Colorado, Father Hennessey discussed with Col. Paul McAnally, 4th Wea. Wg. commander, plans for continued cooperation between the Solar Forecast Facility and observatory personnel.

The eight-man AWS contingent at the observatory constitutes Operating Location 5, of the Forecast Facility. OL-5's mission is to study and record the sun's behavior with the use of optical, photographic and radio equipment.

The Manila Observatory was founded in 1865 and served the Spanish, American and Filipino governments as a weather organization for more than a century. The observatory is devoted to research in solar and ionospheric physics.



THE REV. JAMES J. HENNESSEY, director of the Manila observatory, Philippines, discusses future plans for continued cooperation between the observatory and the AWS Solar Forecast Facility with Col. Paul E. McAnally (left), 4th Weather Wing commander, and Lt. Col. William O. Banks (right), facility commander. AWS personnel have been augmenting the observatory since 1965.



AN OVER-THE-SHOULDER LOOK is one way VNAF technicians learn how to maintain weather equipment. Sgt. Roger D. Friegia, Det. 34, shows VNAF Sergeant Hien where to make an adjustment in a cloud height detecting indicator.

SEA maintenance unit assumes trainer role for Vietnamese airmen

TAN SONNHUTAB, RVN - The men of Detachment 34, 1st Weather Wing not only exercise their native "Yankee ingenuity", but are also great believers in passing it on to those who can use it.

That, basically, is what Det 34, the only weather equipment field maintenance unit in Southeast Asia, is doing. It has the double-barrelled task of maintaining Air Force weather equipment and training technicians of the Vietnamese Air Force (VNAF).

Their one-of-a-kind status, to the men of Det 34, means being ready to go anywhere at any time to maintain weather equipment. That's where the Yankee ingenuity comes in; the technical orders don't always tell how to fix equipment subjected to blowing dust for half of the year and drenching downpour for the other half.

The maintainers have also used their ingenuity in their own behalf, improvising their test equipment. And, they've built their own radar tower, a test pad for testing anemometers and cloud height detectors and modified a quonset hut into an efficient and modern working area.

They use them all in maintaining everything from compact wind sets to completely self-contained mobile weather stations.

The other half of their job begins when Det 34's experts conduct training for VNAF technicians. They are involved in a comprehensive program to train VNAF weather equipment maintenance technicians. But the training program isn't book-work or classroom instruction.

"We provide the experience, show them short cuts and familiarize them with the problems encountered in the field,"

says Captain Clarence D. Ehrlich, Det 34 commander.

The VNAF technicians have attended schools in the U. S., receiving training in the fundamentals of electronics and specific training on the equipment they service.

Upon their return to Vietnam, the VNAF technicians get experience by repairing the various pieces of equipment under the guidance of Det 34 personnel.

When the VNAF trainee completes his assignment period at the detachment, he is ready to go into the field as a completely qualified maintenance man.

"The effort we put into training these men is repaid many times over by their ability to solve their own maintenance problems. They are able to make a valuable contribution to the effectiveness of the Republic of Vietnam Air Force," Ehrlich concluded.

Weather observers highlight July overseas volunteer list

Hq. AWS - This month's overseas volunteer list is devoted to the weather observer career field, 252X0. The top two volunteers in each NCO grade are listed according to their country of preference.

As mentioned in previous issues, publication of an individual's name is not a guarantee that he will be assigned to his overseas choice.

Another factor to keep in mind is that any list of volunteers changes constantly. What "went

to press" as an up-to-date listing could be outdated by the time it reaches the field.

Next month's OBSERVER will highlight the 302X0 weather equipment repairmen and 302X1 airborne weather equipment repairmen career fields.

- | | | | | |
|--|---|--|---|---|
| <p>ALASKA
TSgt Tho B Lancaster Jr
SSgt Jerry C Sides</p> <p>AZORES
SMSgt David R Martin
TSgt Thurman H Watson</p> <p>BERMUDA
Sgt David A Karnesky
Sgt Steven W Taylor
A1C Philip L Edwards
A1C Jerome Rice</p> <p>CANADA
A1C Earl W Reuter Jr</p> <p>GERMANY
SMSgt Thomas E Marvin
SMSgt Adam L Hauck
MSgt Thurma G Workinger
MSgt Robert E Hockler
TSgt Tho B Lancaster Jr
TSgt Thomas M Case
SSgt W L Swearingen
SSgt Jimmy K Wilmot
Sgt Everett E Bolln
Sgt Edward Krautsdorfer
A1C Philip Clufo
A1C Merlin W Wilson
Ann John R Sundry</p> | <p>GREECE
MSgt Rudy A Villarreal
SSgt Jimmy D Collins
SSgt Alfred E Hand
Sgt Christopher Inman
Sgt Vincen J Lennax Jr
A1C Gary G Fuchs
A1C Joseph Feldstein</p> <p>HAWAII
SMSgt Robert R Kennedy
MSgt John I Lahay
SSgt William E Wilson
SSgt Lawrence H Fletcher
Sgt Ro J Cianchetti Jr
Sgt James D White
A1C Ronald L Jacobs
A1C Barre A Ellsworth
Ann John R Sundry
Ann Victor I Rodriguez</p> <p>ITALY
MSgt James G Comfort
MSgt Robert E Hockler
SSgt John E Steffen
SSgt Bradford Jennings
Sgt Richard J Furnari
Sgt Gary Russell
A1C Philip Clufo
A1C John T Robinson</p> | <p>JAPAN
MSgt I D Kilpatrick III
MSgt Warren T Griffith
TSgt Thomas M Case
TSgt Gerald E Page
SSgt Darrel E Barth
SSgt Lawrence H Fletcher
Sgt James WHolland Jr
Sgt Edward Krautsdorfer
A1C Robert B Purdie
A1C Ronald L Carroll</p> <p>KOREA
MSgt Donald B Lee
MSgt Joseph E Maxwell
SSgt William E Wilson
Sgt Robert J Klysh
Sgt Wayne A Bishop</p> <p>LIBYA
A1C Barre A Ellsworth</p> <p>PANAMA
Sgt Robert W Cole</p> <p>PHILIPPINES
TSgt Charles D Tullis
SSgt Carl V Alexander
Sgt Erik Johnson
A1C Richard K Comfort
A1C Dennis J Trajak</p> | <p>PUERTO RICO
SSgt George H Day
Sgt Steven W Taylor
Ann Victor I Rodriguez</p> <p>OKINAWA
MSgt Warren T Griffith
SSgt Eugene F Minogue
Sgt Garla E Keasler Jr
Sgt Stanley F Savoy
A1C Richard K Comfort
A1C James N Chilson</p> <p>SPAIN
SMSgt Joseph G H Lapointe
MSgt Thurma G Workinger
MSgt Rudy A Villarreal
TSgt Kennel J Bates Sr
TSgt Harry G Blanks Jr
SSgt John E Steffen
SSgt Darrel E Barth
Sgt Ro J Cianchetti Jr
Sgt Erik Johnson
A1C Nicholas A Griego
A1C John T Robinson</p> <p>TAIWAN
SSgt Jesse A Vazquez
SSgt David L Glas
Sgt Wayne A Bishop
Sgt Michael H Rohse
A1C Donald G McGue
A1C James N Chilson</p> | <p>THAILAND
MSgt James G Comfort
MSgt Albert R Morgan
TSgt Charles D Tullis
TSgt Charles R Hewitt
SSgt Kenneth R Trammell
SSgt Donald O Naxon
Sgt James WHolland Jr
Sgt Eugene P Levesque
A1C Barry L Jenkins
A1C Morris C Lamb</p> <p>VIETNAM
MSgt John I Lahay
MSgt James R Goliwas
TSgt Virgil M Lee
SSgt Kenneth R Trammell
SSgt Chester G Newman
Sgt William E Mitchell
Sgt Francis O'Hara
A1C Morris C Lamb
A1C Geoffrey Shultz</p> <p>UNITED KINGDOM
SMSgt Thomas E Marvin
SMSgt Wayne A Carlson
MSgt Thomas B Myers
MSgt Ralph E Powers
TSgt Thurman H Watson
TSgt Robert Hambach
SSgt W L Swearingen
SSgt Jimmy K Wilmot
Sgt Everett E Bolln
Sgt Raymond E Buffington
A1C Ronald L Jacobs
A1C Nicholas A Griego</p> |
|--|---|--|---|---|

Who's going where in Air Weather Service

Hq. AWS - To help keep Air Weather Service members informed about personnel actions which may affect their careers, the AWS OBSERVER in cooperation with headquarters personnel officials, will begin pub-

lishing the AWS overseas alert list with this issue.

Weather personnel are listed below by grade, name, Air Force Specialty Code, oversea reporting month and country of reassignment.

GRADE	NAME	AFSC	MONTH	COUNTRY
MSgt.	Buddy L. Wilson	25390	October	South Vietnam
MSgt.	Carol G. Brockman	25370	October	Japan
MSgt.	Lloyd W. Cannon	25370	September	Greenland
MSgt.	Robert J. Copeskey	25370	September	Panama Canal Zone
MSgt.	Bruno F. D'Albano	25370	September	South Korea
MSgt.	Wins H. Franklin Jr.	D25271	September	Japan
MSgt.	James F. Harriman	25370	October	Japan
MSgt.	Thomas E. Thorpe	25370	September	Azores
TSgt.	Richard E. Aleva	25370	September	South Vietnam
TSgt.	Glen R. Allen	25271	October	Thailand
TSgt.	John E. Bentz	25271	September	South Vietnam
TSgt.	Norman W. Bowen	25370	September	Spain
TSgt.	James R. Brittingham	30270	October	Libya
TSgt.	Ernest M. Brown	25271	September	South Vietnam
TSgt.	Thomas D. Daisley	25370	September	South Vietnam
TSgt.	Will E. Donnelly Jr.	25271	September	Thailand
TSgt.	William R. Fisher	25370	September	South Vietnam
TSgt.	Willi E. Gensler Sr.	25271	September	Philippines
TSgt.	Alfred C. Gordon	30270	September	Thailand
TSgt.	William R. Hubbard	25370	September	South Vietnam
TSgt.	Donald L. Jenkins	25370	September	Thailand
TSgt.	Robert E. Lockett	25271	September	South Vietnam
TSgt.	Vinc G. Marrocco Jr.	25271	September	Thailand
TSgt.	Derrall W. Martin	25370	September	South Vietnam
TSgt.	Charles L. Miller	25271	September	South Vietnam
TSgt.	Charles W. Neumann	25370	September	Thailand
TSgt.	Thomas R. Sells	25271	September	Greenland
TSgt.	Vernon A. Strauser	25271	September	Japan
TSgt.	Irving A. Tillung	25370	October	Germany
TSgt.	Charles D. Tullis	25271	September	Thailand
TSgt.	Esto R. William Jr.	25271	September	Thailand
SSgt.	William H. Arend	25251	October	Hawaii
SSgt.	Douglas B. Atkinson	25330	September	South Vietnam
SSgt.	William H. Bailey	25330	October	Thailand
SSgt.	Curtis L. Burgess	30250	October	Germany
SSgt.	Harry R. Burns	25251	September	South Vietnam
SSgt.	Robert W. Cameron	25330	October	South Vietnam
SSgt.	Paul L. Chappelle	25330	October	Thailand
SSgt.	Allen C. Christian	25251	September	South Vietnam
SSgt.	Raymond Copeland	30250	September	Trinidad
SSgt.	Burford S. Davis	25251	September	Japan
SSgt.	Donald B. Davis	30250	September	South Vietnam
SSgt.	Alfonso C. Esqueda	25251	September	Panama
SSgt.	Henry E. Godbout Jr.	25330	October	South Vietnam
SSgt.	Garold L. Hampton	30250	October	Thailand
SSgt.	Jerry G. Hayes	R25330	September	Philippines
SSgt.	John J. Hirling	25251	September	United Kingdom
SSgt.	Carl H. Hughes	30250	September	South Vietnam
SSgt.	Glenn A. Keister	25251	October	Alaska
SSgt.	Glen L. Kimble	30250	October	Spain
SSgt.	Philip E. Kumm	25251	September	South Vietnam
SSgt.	Douglas R. Lavender	25330	September	Panama Canal Zone
SSgt.	Dale L. Marks	25330	September	Germany
SSgt.	Robert P. Mautino	25330	September	South Vietnam
SSgt.	John L. McCoy	25330	September	Greece
SSgt.	Paul F. Mooney	30250	October	Thailand
SSgt.	Tommy M. Pelley	25251	October	Thailand
SSgt.	Daniel L. Portala	25251	October	Alaska
SSgt.	Calvi E. Prescott	30250	October	Thailand
SSgt.	Franklin C. Randleman	25330	October	Guam
SSgt.	Wayne M. Rykoskey Sr.	25330	September	South Korea
SSgt.	Irvin L. Skov	30250	September	Thailand
SSgt.	Ronald J. Slomkowski	30250	October	Turkey
SSgt.	Dale M. Smith	30250	September	South Vietnam
SSgt.	Ernest W. Toop	25251	September	South Vietnam
SSgt.	David R. White	25330	September	South Vietnam
SSgt.	Harry A. Woodard Jr.	30250	October	Ryukyu Islands
SSgt.	Arlan L. Young	30250	October	Greenland
Sgt.	Kevin S. Armstrong	25251	September	South Vietnam
Sgt.	Dennis J. Arwood	25251	September	Germany
Sgt.	Michael B. L. Ashby	25251	September	Thailand
Sgt.	David J. Ashton	25251	October	South Vietnam
Sgt.	Donald G. Aubart	25251	September	South Vietnam
Sgt.	John D. Barry	25251	September	South Vietnam

GRADE	NAME	AFSC	MONTH	COUNTRY
Sgt.	Larry R. Bickel	25251	October	South Vietnam
Sgt.	Wayne A. Bishop	25251	September	South Korea
Sgt.	James A. Bloodgood	25251	September	South Vietnam
Sgt.	Donald N. Bracco	25251	September	Thailand
Sgt.	Robert A. Brooks	25251	September	Greenland
Sgt.	William R. Browning	30250	September	South Vietnam
Sgt.	Robert F. Burks	25251	September	South Korea
Sgt.	Roger E. Champagne	30250	October	Germany
Sgt.	Alvin B. Crockett Jr.	30230	September	South Vietnam
Sgt.	James F. Daehnke	25251	October	United Kingdom
Sgt.	Tommy L. Dever	25251	October	Philippines
Sgt.	Daniel R. Donahue	25251	September	Greenland
Sgt.	Larry E. Elliott	25251	September	Thailand
Sgt.	James L. Eisey	25251	September	South Korea
Sgt.	Collin E. Emmett	25251	September	Japan
Sgt.	Robin D. Flemmons	25251	September	South Vietnam
Sgt.	Stephen M. Garbett	25251	October	South Vietnam
Sgt.	Philip N. Garrett	25251	September	South Vietnam
Sgt.	Charles D. Glaser	25251	October	Thailand
Sgt.	Donald R. Goldsby	25251	September	South Vietnam
Sgt.	Samuel J. Graham	25251	October	South Vietnam
Sgt.	Paul E. Grant	30250	October	South Vietnam
Sgt.	Robert L. Graunke	25251	September	South Vietnam
Sgt.	John Hamilton	30250	October	South Vietnam
Sgt.	David J. Hammit	25251	September	South Vietnam
Sgt.	Douglas L. Harman	25251	October	South Vietnam
Sgt.	Robert L. Haust	25251	October	Thailand
Sgt.	Brian C. Jones	25251	October	Trinidad
Sgt.	Kenneth W. Jordan	25251	September	Libya
Sgt.	Michael B. Kamins	25251	September	South Vietnam
Sgt.	Joseph M. Kanner	25251	September	South Vietnam
Sgt.	Kevin W. Kelley	25251	September	South Vietnam
Sgt.	Gusta H. Kihlstrand	25251	October	Japan
Sgt.	Steven G. Ladd	25251	September	Greece
Sgt.	Larry W. Lagrange	25251	September	South Vietnam
Sgt.	George M. Machovec Jr.	30250	October	Philippines
Sgt.	Jesse D. Townsend	25251	September	South Vietnam
Sgt.	John E. Wade	25251	September	Thailand
Sgt.	David E. Wagner III	25251	October	South Vietnam
Sgt.	Terry L. Wood	25251	September	South Vietnam
Sgt.	Charles R. Wooden	25251	October	South Vietnam
Sgt.	Charles L. Young	25251	September	Philippines
Sgt.	Michael T. Youngs	25251	October	South Vietnam
Sgt.	Coy E. Ziehe	30250	October	Germany
A1C	Steve E. Alcala	R25251	October	United Kingdom
A1C	Timothy R. Barnum	25231	October	Germany
A1C	Philip R. Bois	25231	October	Germany
A1C	Arthur W. Bojfer	25231	October	United Kingdom
A1C	Kevin P. Breen	25251	September	Taiwan
A1C	Jack R. Clarke	25251	October	South Vietnam
A1C	Ronald Decicco	25251	October	South Vietnam
A1C	Stephen D. Duncan	25251	September	Greenland
A1C	Donald R. Fisher	25251	September	South Vietnam
A1C	Paul Geary	25251	September	Japan
A1C	James K. Hake	25231	October	United Kingdom
A1C	Bobby J. Hall	25251	October	South Vietnam
A1C	Michael E. Jackson	25251	October	Germany
A1C	Leonard E. Jewkes	30250	October	Alaska
A1C	Lannie C. King	25251	October	Bermuda
A1C	David B. Knowles	25251	September	Alaska
A1C	Morris C. Lamb	25251	September	South Vietnam
A1C	Michael N. Larsen	25251	October	Bermuda
A1C	John W. Lave	25251	October	Germany
A1C	Richard W. Mackey	25251	September	South Vietnam
A1C	James E. Martin	25251	October	Trinidad
A1C	Gary D. Meriwether	30250	October	South Korea
A1C	Emerson W. Moore	25251	October	South Vietnam
A1C	Robert J. Moore	25251	October	Germany
A1C	Stephen J. Murphy	25251	September	United Kingdom
A1C	David A. New	25251	October	South Vietnam
A1C	Charles Peraz Jr.	25231	October	Hawaii
A1C	Donald A. Pitcher	25251	September	Crete
A1C	William W. Rusing	30230	September	Guam
A1C	Harvey L. Shutt III	25251	September	Thailand
A1C	Larry S. Simons	25231	September	Hawaii
A1C	Willard Singletary	25251	September	South Vietnam
A1C	Doyle E. Smith	25251	September	Hawaii
A1C	Craig D. Smithson	25251	September	Germany
A1C	Peter M. Storm	25251	September	Thailand
A1C	Richard T. Tangredi	25251	October	Hawaii
A1C	Richard F. Tribler	25251	September	South Vietnam
A1C	Edward J. Vada	25251	September	Spain
A1C	Arthur J. Wheeler	25251	September	United Kingdom



SMSgt. Elton Britton

NCO directing singing group at McClellan

McClellan AFB, CALIF.—He makes music with his hands, but he's not playing an instrument. Their rapid movements in the air produce sweet tones and beautiful lyrics.

He is SMSgt. Elton Britton, chief of administrative services, 9th Weather Reconnaissance Wing, McClellan AFB, Calif., and the director of a singing group called the "McClellanaires."

Organized by Sergeant Britton, the group has performed all over California and has drawn praise from California governor Ronald Reagan for its work.

There are no auditions for the "McClellanaires." The director points out, "If someone is willing to work and wants to sing, there's a place for him in the 'McClellanaires'." It's a philosophy that works.

Sergeant Britton has been involved with choral groups since 1949. He became a director for the first time in 1960, and, while assigned to Cam Ranh Bay AB, Vietnam, he organized the Cam Ranh Choraleers. The group was so successful it appeared by video tape on the Ed Sullivan Show in a special Christmas presentation.

APT workshop held in Japan

FUCHU AS, Japan - The 20th Weather Squadron served as host to the third annual 1st Weather Wing Automatic Picture Transmission (APT) workshop last month.

Purpose of the workshop was to exchange methods and ideas on the application of meteorological satellites to support the 1st Wea. Wg. mission. Since April 1966, 1st Wing APT units have received over 85,000 usable cloud pictures from weather satellites.

The workshop was composed of representatives from Hq. AWS, Naval Weather Service, Air Force Communications Service, Air Force Cambridge Research Laboratories, University of Hawaii, Republic of China Weather Service, Japan Air Self Defense Force Weather Service and Japan Meteorological Agency. In all, 37 active participants and 20 additional observers attended the workshop.

AWS computer forecasting highlight Japanese visit

ENT AFB, Colo., - Two Japanese Air Force officers assigned to the Military Weather Service of the Japan Air Self-Defense Force recently toured facilities of the 4th Weather Wing in the Colorado Springs, Colo., area.

The officers, who will be touring U. S. bases for the next six months, visited the 4th Wing to gather knowledge about the use of the computers in analyzing, forecasting and transmitting weather data.

Lt. Col. Toshio Ide and Capt. Hirohiko Hatanaka, both plans officers toured weather facilities at the 4th Wing headquarters, Peterson Field, the NORAD Forecast Center and the Air Weather Service Solar Forecast Center, in Cheyenne Mountain.

While in Cheyenne Mountain the two officers were given a two-

hour tour of the complex including the NORAD command post and the space defense center.

Colonel Ide and Captain Hatanaka will have visited more than 10 bases in the United States before returning to their homeland. Primary purpose of the officers' visit is to compile information on the military utilization of computer systems in all phases of weather operations.

The Japanese Weather Group will be converting to computers in the next few years.

Bronze Star

SSgt. Robert J. Kennedy, 4th Weather Wing, Ent AFB, Colo., has been awarded the Bronze Star for meritorious service as administrative clerk, Air Force Advisory Group, Tan Son Nhut AB, Vietnam.



SCANNING WEATHER DATA being received over Air Weather Service's weather communications circuits at Peterson Field's base weather station are Lt. Col. Toshio Ide (left) and Capt. Hirohiko Hatanaka, members of the Military Weather Service of the Japan Air Self-Defense Force. The officers also toured 4th Weather Wing headquarters.

Commendation Medals



U. S. Air Force Commendation Medals have been approved or awarded to the following named AWS members:

Li. Col. Thomas J. Anderson, (Second Oak Leaf Cluster), deputy director of weather, MAC.
 Li. Col. Franklin Barrett, (Second Oak Leaf Cluster), Det. 18, 15th Wea. Sq.
 Li. Col. William L. Dodge, (First Oak Leaf Cluster), Det. 6, 28th Wea. Sq.
 Li. Col. Harold B. Hart, 20th Wea. Sq.
 Li. Col. William C. Montgomery, Det. 6, Hq. AWS.
 Li. Col. David D. Odor, 9th Wea. Recon. Wg.
 Li. Col. Willard E. Schwaderer, (First Oak Leaf Cluster), 26th Wea. Sq.
 Li. Col. Richard L. Shannon, (Second Oak Leaf Cluster), 9th Wea. Recon. Wg.
 Li. Col. Floyd Smith, 54th Wea. Recon. Sq.
 Li. Col. William E. Smurro, Det. 2, 53rd Wea. Recon. Sq.
 Maj. Robert E. Bagwell, Hq. AWS.
 Maj. Robert J. Barnhill, 53rd Wea. Recon. Sq.
 Maj. Charles J. Brown, 58th Wea. Recon. Sq.
 Maj. Philippe B. Fales, (Second Oak Leaf Cluster), 54th Wea. Recon. Sq.
 Maj. Raymond B. Fowler, (First Oak Leaf Cluster), 53rd Wea. Recon. Sq.
 Maj. David C. Gurkin Jr., 5th Wea. Wg.
 Maj. Harold L. Hoffman, 58th Wea. Recon. Sq.
 Maj. Charles G. Jordan, 55th Wea. Recon. Sq.
 Maj. Robert E. McLellan, 58th Wea. Recon. Sq.
 Maj. John G. Musser, (First Oak Leaf Cluster), 4th Wea. Wg.
 Maj. William F. Pitstick, Hq. AWS.
 Maj. Jerrold J. Shea, 58th Wea. Recon. Sq.
 Maj. Robert C. Simons, Det. 40, 28th Wea. Sq.
 Maj. Joseph C. Thompson Jr., (Third Oak Leaf Cluster), 55th Wea. Recon. Sq.
 Maj. Morgan G. Williams, 55th Wea. Recon. Sq.
 Maj. Robert F. Woodnal, Global Weather Central.
 Capt. James G. Bortolotto, staff weather officer, 35th Air Division.
 Capt. Raymond J. Broguglia, Det. 7, 9th Wea. Sq.
 Capt. James S. Brown, Det. 1, 15th Wea. Sq.
 Capt. Clarence D. Ehrlich, Det. 52, 20th Wea. Sq.
 Capt. Douglas N. Gerbax, 9th Wea. Recon. Wg.
 Capt. Clarence L. Gordon II, Det. 1, 4th Wea. Wg.
 Capt. Barry J. Granlund, (First Oak Leaf Cluster), 53rd Wea. Recon. Sq.
 Capt. Billy F. Hughes, 53rd Wea. Recon. Sq.
 Capt. Paul H. Kaepffel, Det. 39, 7th Wea. Wg.
 Capt. Jay J. Kahn, Det. 40, 28th Wea. Sq.
 Capt. Thomas K. Klein, Det. 13, 20th Wea. Sq.
 Capt. John R. Law, 2nd Wea. Wg.
 Capt. Durwood Lewis, 53rd Wea. Recon. Sq.
 Capt. Francis C. Marqua III, 55th Wea. Recon. Sq.
 Capt. Paul C. Mathews, 53rd Wea. Recon. Sq.
 Capt. Robert G. Rafferty, 20th Wea. Sq.

Capt. Robert D. Smith, Det. 13, 20th Wea. Sq.
 Capt. Joseph G. Solis, 53rd Wea. Recon. Sq.
 Capt. Caroldean E. Stenzel, Det. 10, 26th Wea. Sq.
 Capt. Viktor A. Sulin, (First Oak Leaf Cluster), 5th Wea. Wg.
 Capt. Jack A. Thomas, 53rd Wea. Recon. Sq.
 Capt. William E. Wilson, Hq. MAC.
 Capt. Philip C. Zinn, (First Oak Leaf Cluster), 25th Air Division and Det. 4, 35th Wea. Sq.
 Capt. Charles J. Zuber, 53rd Wea. Recon. Sq.
 First Lieutenant Jeffery I. Fuehrer, 5th Wea. Wg.
 Second Lieutenant Marlin R. Allen, 58th Wea. Recon. Sq.
 Second Lieutenant Harold I. Roberts, Det. 7, 9th Wea. Sq.
 CWO Clarence F. Hilgelford, (First Oak Leaf Cluster), 35th Wea. Sq.
 CMSgt. James V. Burns, (First Oak Leaf Cluster), 4th Wea. Wg.
 CMSgt. James E. Chafey, 58th Wea. Recon. Sq.
 CMSgt. James P. Howieson, (First Oak Leaf Cluster), 58th Wea. Recon. Sq.
 CMSgt. C. W. Welch, 58th Wea. Recon. Sq.
 CMSgt. Lacey A. Whitley, (Second Oak Leaf Cluster), 53rd Wea. Recon. Sq.
 SMSgt. Robert P. Fry, (Second Oak Leaf Cluster), Det. 6, Hq. AWS.
 SMSgt. Lorrin E. LaPorte, Det. 21, 16th Wea. Sq.
 SMSgt. Charles R. McGlaun, (First Oak Leaf Cluster), Det. 35, 7th Wea. Wg.
 SMSgt. Francis X. McNelis, (Second Oak Leaf Cluster), 6th Wea. Sq. (Mobile).
 SMSgt. Daniel J. Mele, Det. 16, 20th Wea. Sq.
 SMSgt. James H. Rogers, (First Oak Leaf Cluster), Global Weather Central.
 SMSgt. Arthur K. Rosa, 7th Wea. Wg.
 SMSgt. Clyde A. Wood Jr., (First Oak Leaf Cluster), Hq. AWS.
 MSgt. Floyd L. Brunner, 2nd Wea. Sq.
 MSgt. John D. Clark, Det. 10, 15th Wea. Sq.
 MSgt. Harold P. Cochran, (First Oak Leaf Cluster), Det. 34, 3rd Wea. Sq.
 MSgt. Kenneth Daly, (Second Oak Leaf Cluster), Det. 27, 3rd Wea. Sq.
 MSgt. Joe F. Dial, (First Oak Leaf Cluster), 53rd Wea. Recon. Sq.
 MSgt. Robert E. Duran, Det. 10, 15th Wea. Sq.
 MSgt. Donald L. Elwell, (First Oak Leaf Cluster), Det. 7, 4th Wea. Wg.
 MSgt. Joseph R. Fabiszewski, Det. 42, 7th Wea. Wg.
 MSgt. William O. Gay, Det. 32, 3rd Wea. Sq.
 MSgt. Robert L. Helms, (First Oak Leaf Cluster), 4th Wea. Wg.
 MSgt. Kenneth D. Hotaling, (First Oak Leaf Cluster), Hq. AWS.
 MSgt. John R. Howard, (Second Oak Leaf Cluster), 4th Wea. Wg.
 MSgt. Robert H. Lajoie, Det. 43, 12th Wea. Sq.
 MSgt. Wilbur C. Nickson, Det. 21, 6th Wea. Wg.
 MSgt. Richard T. O'Donnell, (First Oak Leaf Cluster), 12th Wea. Sq.
 MSgt. Charles A. Patton, 1st Wea. Wg.

MSgt. John E. Sandersen, Det. 19, 15th Wea. Sq.
 MSgt. Samuel B. Sells, 4th Wea. Wg.
 MSgt. Robert E. Stillman, Det. 1, 15th Wea. Sq.
 MSgt. Robert F. Thomas Jr., Det. 5, 1st Wea. Wg.
 MSgt. Verle A. Tillotson, 54th Wea. Recon. Sq.
 MSgt. William P. Vance, 21st Wea. Sq.
 MSgt. Norman L. Wilson, (Second Oak Leaf Cluster), 9th Wea. Recon. Wg.
 TSgt. Ronald F. Foster, Det. 2, 9th Wea. Recon. Sq.
 TSgt. Kenneth N. Gibson, 9th Wea. Recon. Wg.
 TSgt. Roger K. Gordon, Det. 42, 7th Wea. Wg.
 TSgt. William M. Haynes, 56th Wea. Recon. Sq.
 TSgt. Louis E. Johnson, Det. 42, 12th Wea. Sq.
 TSgt. George Krauss Jr., Asian Weather Central.
 TSgt. Earl Laws, Det. 24, 6th Wea. Wg.
 TSgt. George Lokatos, 58th Wea. Recon. Sq.
 TSgt. Michael J. Mercurio, 1st Wea. Wg.
 TSgt. William O'Carroll, (First Oak Leaf Cluster), Det. 30, 25th Wea. Sq.
 TSgt. Charles R. Padgett, (First Oak Leaf Cluster), Det. 22, 26th Wea. Sq.
 TSgt. John P. Register, (First Oak Leaf Cluster), 53rd Wea. Recon. Sq.
 TSgt. Larry F. Reheard, Det. 10, 29th Wea. Sq.
 TSgt. Leo F. Ritter, ETAC.
 TSgt. Dickie L. Robinson, 9th Wea. Recon. Wg.
 TSgt. Edward A. Sawyer, 58th Wea. Recon. Sq.
 TSgt. Wade H. Shubert, Det. 19, 15th Wea. Sq.
 TSgt. Ray A. Smith, 9th Wea. Sq.
 TSgt. Loren M. Stoltz, Det. 24, 9th Wea. Sq.
 TSgt. George W. Thomas, (First Oak Leaf Cluster), 5th Wea. Wg.
 TSgt. Olin C. Trent, 9th Wea. Recon. Wg.
 TSgt. James A. Widman, OI-10, Det. 7, 4th Wea. Wg.
 TSgt. Lloyd R. Worster, Det. 3 and Det. 18, 30th Wea. Sq.
 SSgt. Donald A. Basten, Det. 10, 6th Wea. Wg.
 SSgt. Sidney Carter Jr., Det. 40, 28th Wea. Sq.
 SSgt. Thurman V. Chambers, 54th Wea. Recon. Sq.
 SSgt. T. H. Fryover, (First Oak Leaf Cluster), Det. 50, 6th Wea. Wg.
 SSgt. Donald M. Geoge, 56th Wea. Recon. Sq.
 SSgt. Julian Goldman, (First Oak Leaf Cluster), 12th Wea. Sq.
 SSgt. David J. Guilmette, Det. 6, 15th Wea. Sq.
 SSgt. Donald D. Henderson, (First Oak Leaf Cluster), 9th Wea. Recon. Wg.
 SSgt. James H. Higgins, Det. 2, 53rd Wea. Recon. Sq.

Cold crystal terminated; fog seeding a big success

RAMEY AFB, Puerto Rico—As the wheels of the weather-modified WC-130 touched the runway asphalt at Ramey AFB, another chapter of a successful weather operation was brought to a close.

With the return of the 53rd Weather Reconnaissance Squadron to Puerto Rico, three months of squadron participation in support to Project Cold Crystal was completed.

Operating from Ramstein AB, Germany the 53rd flew over 60 low-level fog seeding missions during the three-month period.

Despite rapidly changing flying schedules necessitated by the nature of the experiment, the 53rd's maintenance men provided mission ready aircraft at all times. 1st Lt. William T. Carmen, maintenance officer stated "The snow and intense cold served only to bring out the best in the men. Their outstanding job performance is a tribute to their skill and devotion."

Project Cold Crystal is designed to test the capability of airborne seeding to dissipate cold fog. The long-term objective is to gather data to permit reliable "de-fogging" in airport areas thereby enabling aircraft to land and depart when the airports would otherwise be closed.

Early results of the test seeding program were promising enough that seeding aircraft and crews were placed on operational status during the recent Reforger I airlift of troops to Germany and the Crested Cap I fighter aircraft deployment. Over 100 C-141 "Starlifter" sorties into Nurnberg Airport and the deployment of four F-4 "Phantom" squadrons kept the 53rd on 24 hour alert.

The Ramey based crews were also called upon to help insure that airfields were kept open during exercise Carbide Ice as F-4 fighters carried out close-air support for U.S. Army maneuvers.

Three AWSmen in top 10% of academy class

NORTON AFB, Calif.—Three of the nine weathermen who graduated from the Military Airlift Command NCO Academy in June completed the course in the top 10 per cent of their class.

Master Sergeants John L. Charvat, air Force Global Weather Central and John H. Fullerton, 53rd Weather Reconnaissance Squadron, and TSgt. Mac C. Shroud, Operating Location 2, Detachment 14, 28th Weather Squadron, received top 10 per cent honors.

Class 69-6 was the 106th to graduate from the Academy and the sixth to complete training at Norton. Alumni now total 12,841.

Other weathermen graduating in class 69-6 were: Technical Sergeants Harold F. Creasy, 12th Wea. Sq., Arthur O. Johnson, Det. 28, 26th Wea. Sq., Jack A. Josue, Hq. AWS and Loyd N. Simeroth, Det. 31, 6th Wea. Sq., and Staff Sergeants C. C. Cox Jr., Hq. AWS and Harold E. Robbins, Det. 35, 25th Wea. Sq.

ON THE

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Highlights of Air Weather Service people at work and play.

AWS Global Report

ENT AFB, Colo.

Captains Odell M. Johnson and Robert L. Lutje, Detachment 1, 4th Weather Wing, have been awarded MAC Gold PRIDE Awards for their sustained error-free performance.

Tan Son Nhut AB, Vietnam

TSgt. Jack Gorski, Detachment 2, 30th Weather Squadron, was recently selected as base NCO of the Month and was also presented a MAC Bronze PRIDE Certificate.

TSgt. Terrance L. Soden, also of Det. 2, was awarded the MAC Bronze PRIDE Certificate.

Fuchu AS, Japan

TSgt. Jack Floodas and SSgt. Sheldon Meyers, Detachment 15, 20th Weather Squadron, have been awarded MAC Gold Achievement Awards for outstanding forecast service and outstanding performance as maintenance chief respectively.

Chanute AFB, Ill.

A1C Arthur E. Libby Jr., 3363rd Instructor Squadron, has been selected Airman of the Month for Chanute Technical Training Center.

An observer, Libby is assigned to the curricula section of the Department of Weather Training.

Marriage

HUNTINGDON, England—First Lieutenant Charles S. Skees, Detachment 36, 28th Weather Squadron, RAF Alconbury, married Laraine Reedman in Trinity Church last month.

Mrs. Skees is the daughter of Mr. and Mrs. Edward Reedman of Huntingdon.

Colonel's son graduates with two sheep skins and honors

ENT AFB, Colo.—Joseph B. Englander, son of Lt. Col. and Mrs. Daniel L. Englander, Detachment 1, 4th Weather Wing, recently graduated from Pennsylvania State University, College Park, Pa., with two Bachelor of Arts degrees, top scholastic honors and enough fellowship programs to cover his graduate work through the Doctorate level.

Englander dually enrolled in the School of Liberal Arts and received a BA degree in English and one in philosophy and was graduated magna cum laude in both areas. He also won Phi Beta Kappa honors for his scholastic rank.

"I had to do a great deal of talking with the administration in order to convince them I was serious about dually enrolling," Englander explained. "I was actually enrolled as two separate students." One of his biggest problems was scheduling all the classes required.

Goodfellow AFB, Tex.

The following Detachment 31, 6th Weather Wing members have received MAC PRIDE Awards:

Gold

Lt. Col. Eugene B. Lewis, CMSgt. Joe B. Sebastian, MSgt. Gilbert E. Weisser, TSgt. Emil T. Brandvold, Staff Sergeants George W. Brooks, Edward L. Finley and Lloyd N. Simeroth.

Silver

SSgt. Kenneth H. Kuehner, Airman First Class Richard T. Coleman and John R. Moriarity.

Bronze

SSgt. Guadalupe J. Garcia.

RAF Northolt, England

TSgt. Gordon D. Rowland, 28th Weather Squadron, has been presented the MAC Bronze PRIDE Award for outstanding performance from Jan. 1, 1969 to Mar. 31, 1969.

SMSgt. Thomas J. Fisher, 28th Weather Squadron, has received a certificate of scholarship medal from the University of Maryland for maintaining an "A" average for 15 consecutive semester hours. Sergeant Fisher majored in psychology and received a Bachelor of Arts degree June 2, 1969.

Captain Jackson top supply grad

LOWRY AFB, Colo.—Capt. Otto Jackson, Plans Division, Directorate of Supply, Hq. AWS, has been named honor graduate at the Lowry Supply Operations School.

To be eligible for the award, a student must attain a minimum score of 90 on all training materials.

Joseph indicated his intention in dually enrolling was to pull together fields which he feels should exist together.

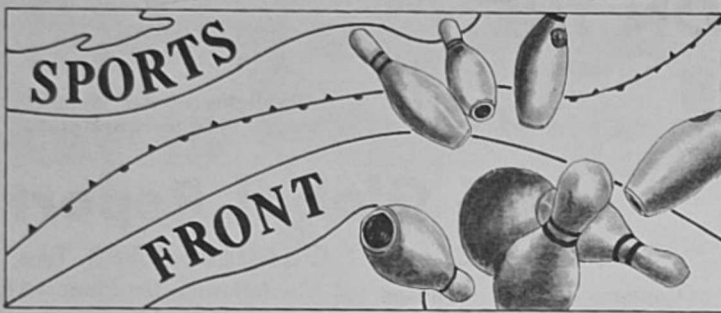
"English is a subject which presents many problems to be solved and philosophy provides the structures for solving problems. Together they make a great deal of sense. Neither area seems to stand well alone," he commented.

Selected as a designate for the Woodrow Wilson National Fellowship Foundation this past spring, Englander, also holds a National Defense Education Act three-year fellowship.

"The fellowships should cover both my Masters and Doctorate level work," Joseph continued.

He plans to enter graduate school this fall at the University of Chicago and eventually wants to teach "esthetics of literature."

His parents presently reside in Colorado Springs.



by Sgt. Jesse L. Frey

David beats Goliath?

It looked like the David and Goliath story all over again recently, when Detachment 9, 16 Weather Squadron, one of the smallest units at Ft. Rucker, Ala. squared off against one of the largest units in the post bowling championships.

Det. 9 won the intramural crown in the Silver League, while the Second School Support Company won the Golden League.

Led by Maj. Joe Marchetta, commander of Det. 9, the weathermen scored scratch totals of 918 and 897 to win a firm victory over the "Giants."

Pacing the weather attack were SSgt. Jim Raudy, who rolled games of 220, 217 and 203; A1C Jim Christenson with a 216 game high and Major Machetta, who had a 203 high game.

West squeaks past East

Detachment 30, 6th Weather Wing, representing the Air Force Western Test Range, recently handed their Air Force Eastern Test Range rivals, Det. 11, 6th Wea. Wg., a second straight loss in the third annual Staff Met Bowling competition.

Det. 30, Vandenberg AFB, Calif. and Det. 11, Patrick AFB, Fla. compete against each other without leaving their base. The winner is decided by comparing the scores of the two units in their respective leagues.

Hole-in-one

McClellan AFB, Calif. was recently the site of a golfer's dream when Capt. David J. Kozak, 55th Weather Reconnaissance Squadron, scored a hole-in-one at the Lawrence Links.

Breaking in a new set of clubs, Captain Kozak used a six iron on the 149 yard ninth hole.

Riflewomen?

Eileen Naughton and Helen-Jean Ramey, secretaries at the AWS Washington office, are both members of the National Skeet Shooting Association (NSSA) and have been participating in the sport whenever possible.

Eileen has been a member of NSSA since 1965 and has worked at many registered events as a classification expert or as a registered referee, a title held almost exclusively by men. She was recently a member of the classification committee as well as referee at the New Jersey state meet.

Sergeants score in bowling tourney

Two South Ruislip, England Weathermen, TSgt. James W. Kelly and SSgt. Bernard R. McDonald, Detachment 6, 28th Weather Squadron, recently participated in the 2nd Weather Wing bowling tournament at Ramstein AB, Germany.

Sergeant Kelly won recognition with high for the event and high individual game.

McDonald and Kelly combined to finish fourth in the doubles competition.

Forbes Field in final season

Forbes Field, Pittsburgh, Pa., the oldest major league ball park still in operation, will be vacated by the Pirates after this season.

Opened for business June 30, 1909, Forbes Field was named for Gen. John Forbes who, in the French and Indian War, captured Fort Duquesne from the French and renamed it Fort Pitt.

In their first year at Forbes Field, the Pirates won the World Series from the Detroit Tigers. Honus Wagner led the Bucs that season with a .333 batting average.

Mighty swinging Babe Ruth closed out his homerun career here as he cleared the far reaching Forbes Field fences three times in one game with his record 714th blow clearing the right field roof - a first in the new field.

These were just a few of the many firsts and lasts at this old battle ground, but one accomplishment has never been recorded here - at this writing, there has never been a non-hitter thrown at the 60 year old park!

Eight cited for safe flying

Hq. AWS - Eight AWSmen were recently cited by Gen. Howell M. Estes Jr., MAC commander, and Maj. Gen. Russell K. Pierce Jr., AWS commander, for their outstanding contributions to flying safety.

The following received MAC

5,000-hour accident-free lapel pins: Lieutenant Colonels William E. Smurro and Nolin R. Baird, Majors Robert A. Danielson and Harvey J. Staley, Captains Charles E. Gambrell, Herbert A. Plucker and Joseph G. Solis and SSgt. Richard J. Hall.

Weathermen play role in war exercise

Hq. AWS - Air Weather Service personnel at widely scattered locations provided weather support for the joint Air Force-Army training exercise BOLD SHOT/BRIMFIRE 5-69, concluded late last month at Ft. Campbell, Ky.

The exercise was one of a continuing series designed to test the ability of the U. S. Strike Command and its supporting elements to provide assistance in combating large-scale insurgency.

Weather personnel provided support for both ground and air forces engaged in the exercise. Organized into a weather support force, the weathermen operated principally at Ft. Campbell, Pope AFB, N. C. and Peterson Field, Colo., Detachment 1, 16th Weather Squadron, 5th Weather Wing provided weather support for forces at Ft. Campbell. Det. 20, 3d Wea. Sq., 5th Wea. Wing provided support for airlift forces operating from Pope AFB, while Det. 6, 4th Wea. Wing accomplished the same task for airlift forces operating from Peterson Field. The bases were on-load points for some of the airborne forces dropped by parachute into Ft. Campbell landing zones to exercise against "aggressor" forces.

Det. 12, 3d Wea. Sq., provided support for fighter aircraft operating from Seymour-Johnson AFB, S. C., while Dets 26 and 34, 26th Wea. Sq., provided forecasts for the reconnaissance aircraft and airlift forces operating from their bases at Little Rock AFB, Ark., and Dyess AFB, Tex., respectively.

Additional support for major headquarters with forces engaged in the operation was provided by the staff weather officers of the respective organizations.

The exercise concluded on 29 June.



TAC TENNIS CHAMP, Col. William Shivar, limbers up before a recent match. Colonel Shivar, chief, Operations Division, 5th Weather Wing, won both the singles and doubles titles in the Tactical Air Command tennis finals. Lt. Gen. Gordon M. Graham, TAC vice commander, was the colonel's doubles partner.

Colonel Shivar coasts to TAC tennis title

LANGLEY AFB, Va., - Col. William Shivar, chief, Operations Division, 5th Weather Wing, recently won the Tactical Air Command Senior Singles and Doubles tennis titles. He teamed with Lt. Gen. Gordon M. Graham, TAC vice commander, in sweeping the doubles.

Before a pair of 6-2 victories in the TAC single finals, Colonel Shivar won the Ninth Air Force Singles and with General Graham won the doubles competition.

The colonel, a former all-Air Force winner, was not able to compete in this year's Air Force tournaments because of military obligations.

Interservice titles of all sorts are included in Colonel Shivar's achievements. Among them are Pacific Air Force (PACAF), U. S. Air Force in Europe (US-AFE), Military Airlift Command and Second and Eighth Army tourney wins.

While in college, Shivar led Presbyterian to a 97-2 record and a number three national ranking.

In state competition, Colonel Shivar has won the Alabama Open, the Mississippi Open and the Iowa and Virginia Junior Veterans matches.

Among his opponents have been such court greats as Ken Rosewall, Roy Emerson, Mal Anderson and Bill Talbert.

With all his victories and super star opponents, the colonel's fondest memory is of winning the 1963 Korean Senior Championship with Gen. T. J. Conway (now STRKE commander).

Another notable partner was Lt. Gen. William Eckert, former TAC vice commander and major league baseball commissioner.

Bridge is the colonel's second hobby. He is rated as a Senior Master Bridge player in the American Contract Bridge League and has won regional tournaments in St. Louis, Los Angeles, Tokyo and London.

Colonel Shivar arrived at 5th Wea. Wg. in 1968 following a Vietnam assignment and will take command of the 16th Weather Squadron in August.



"YOU MAY HAVE MORE, but mine's larger," says CWO Kenneth L. Conway, who displays his 18 pound carp, while Mrs. Barbara Rainwater struggles with her assorted catch of carp and catfish. Although Mr. Conway only managed a single catch, he contends that it's quality and not quantity that really counts. Mr. Conway is chief of the forecaster manning division and Mrs. Rainwater is secretary to the DCS/Personnel, Hq. AWS. The anglers caught their prizes on a recent fishing trip to Millstadt, Ill.

Bronze Star

MSgt. William A. Gavers, Detachment 24, 9th Weather Squadron, Francis E. Warren AFB, Wyo. has been presented the Bronze Star for meritorious service as a weather forecaster at OL-4, Det. 31, 5th Wea. Sq., Dragon Mountain, Vietnam, from August 1967 to July 1968.

