

For units and individuals

Commanders Awards winners announced

Hq. AWS - Four Air Weather Service officers, three detachments and one squadron were recently singled out as winners of the 1968 AWS Williams, Moorman, Bassett, Merewether, Zimmerman, Senter and Yates Awards.

Six of the seven awards in their 13th year of presentation. The Moorman Award is in its sixth year.

The 1968 Merewether Award was won by Capt. Robert E. de Michaels, Detachment 25, 10th Weather Squadron, Nakhon Phanom Royal Thai Air Force Base, Thailand. He was thus honored as the AWS individual who made the year's most significant contribution to military meteorology through the development and use of new techniques while assigned to Southeast Asia.

He pioneered the use of radar for rainfall analysis, helping the Army solve problems of load-bearing capabilities of various types of soil. He also developed real-time weather support for command and control of combat operations and succeeded in tailoring climatological and forecasting services to customers with varying requirements.

The Zimmerman Award, recognizing the best application of climatology, development of a device or technique providing the greatest value during the year was won jointly by Maj. James

S. Kennedy and Capt. Dennis L. Quick, both with the 2nd Wea. S., Offutt AFB, Neb.

Using computers of AWS's Environmental Technical Applications Center and the Air Force Global Weather Central, the two officers helped fill a void in the tropical weather data needed to solve Department of Defense problems.

The Kennedy - Quick win marks the second time the Zimmerman Award has been won jointly. First joint winners were Maj. (then Capt.) Joseph K. Lambert and Capt. (then 1st Lt.) John A. Dutton, Air Force Climatic Center, Washington, D.C. who won the award in 1963.

Presented to the best detachment serving as a weather station, the Williams Award has been won by Detachment 31, 5th Weather Squadron, Nha Trang, Vietnam.

The award went to the 65-man detachment for its performance in the areas of observing, forecasting and briefing. The detachment's win is unprecedented; no other AWS unit supporting an Army unit has ever won the honor. Det. 31 supports the 1st Field Force, Vietnam.

AWS's 1968 Moorman Award, has gone to Detachment 14, 7th Weather Squadron, Heidelberg, Germany. The unit was selected as the outstanding detachment providing centralized analysis

(Continued on page 5)



A SURFACE OBSERVATION of a high-flying Air Weather Service aircraft was recently made by Secretary of the Air Force, Dr. Robert C. Seamans Jr., during a visit to Scott AFB, Ill. Explaining the controls of the weather-modi-

fied RB-57F is Maj. Max C. Dodge, aircraft commander with the 58th Weather Reconnaissance Squadron, Kirtland AFB, N. M. Watching is Maj. Gen. Russell K. Pierce Jr., Air Weather Service commander. (Photo by Sgt. Jesse Frey)



Weather Component of USAF's Military Airlift Command

Vol. 16, No. 5

Headquarters, Air Weather Service, Scott AFB, Illinois

May 1969

SEA weathermen get AFOUA for war zone weather support

HQ. AWS-The 1st Weather Group and its subordinate units have been awarded the Air Force Outstanding Unit Award effective March 27, 1969. The award covers the period July 8, 1966 through July 1, 1967.

Personnel assigned to Detachment 34, 1st Wea. Gp., and the 5th 10th and 30th Wea. Sqs., during the periods mentioned are authorized to permanently

wear the ribbon accompanying the award. Personnel assigned to the unit after the award period are authorized to wear the ribbon while they are assigned to 1st Gp. units.

Those authorized the award and are no longer assigned to 1st Gp., units should contact the 1st Wea. Gp's personnel officer, APO San Francisco, Calif., 96307, for more information.



CAPT. ROBERT J. MILNE, (left) new aide-de-camp to Maj. Gen. Russell K. Pierce Jr., Air Weather Service commander, is presented the aiguillette (a cord hung in loops from the shoulder of military uniforms) by former aide, Capt. Thomas E. Kubiak. Captain Milne was previously a weather briefing officer at the Military Airlift Command command post.

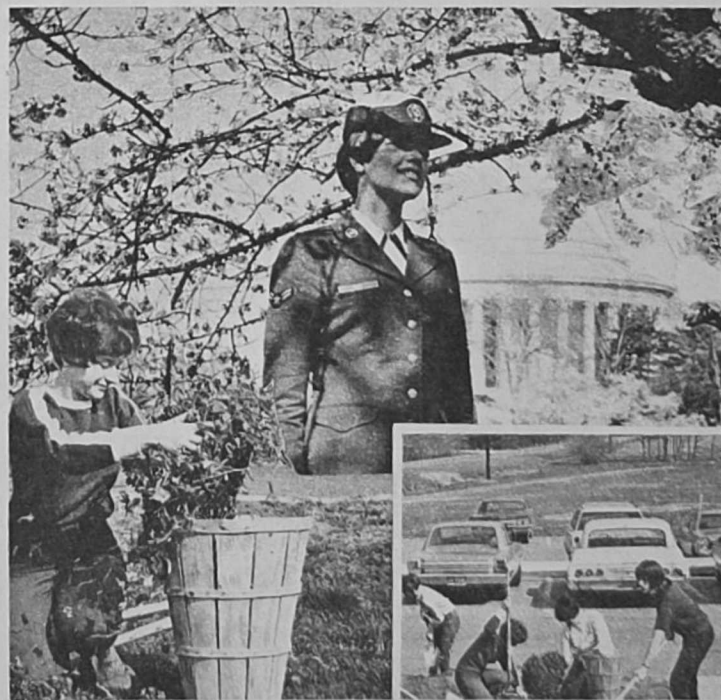
Many - strippers first Forecaster Award winners

Hq. AWS-Individual performance by two Air Weather Service enlisted forecasters at their respective duty locations has led to their selection as initial winners of the Air Weather Service Forecaster Awards for 1968.

SMSGt. Eugene A. Murdock, Detachment 21 31st Weather Squadron, Kinsbach Combined Meteorological Facility, Germany, received the award for forecasters assigned to centralized forecasting facilities. Sergeant Murdock's selection was based on his individual excellence in forecasting for German-based Army and Air Force units.

MSgt. Lorenzo A. Corpus Jr., Detachment 6, 15th Weather Squadron, Griffiss AFB, N. Y., was named winner of the forecaster award for detachment-sized units. His selection was based on his work at the upstate New York base.

The Forecaster Awards were created last year to recognize outstanding forecasters serving in similar jobs at different-sized units.



HIGHLIGHT of the annual Washington D. C., Cherry Blossom Festival is the coronation of a queen selected from among state and territorial princesses. The 6th Weather Wing has its own queen in A1C Elleen Eski, who complements the beauty of the budding cherry blossoms around the tidal basin in the heart of the capital. Fellow WAF Airmen First Class Charlotte Lechene, Judy Morgan, Vickie Gerger and Iris Medina similarly grace the landscape at Andrews AFB, Md., headquarters of the 6th Wing. At left is Judy Morgan.

7th Wea. Wg. Vice Comdr.



COL
WALTER A. KEILS
VICE COMMANDER
7th WEATHER WING
SCOTT AFB, ILL.

RECEIVED BACHELOR OF SCIENCE
DEGREE FROM FLORIDA STATE
UNIVERSITY, TALLAHASSEE, FLA.,
IN METEOROLOGY IN 1956.

COMMISSIONED AS A
NAVIGATOR IN 1943.

FLOW 45 COMBAT
MISSIONS IN B-24s WITH
THE 5th AIR FORCE DURING
WORLD WAR II.

HOLDS BOTH NAVIGATOR AND
PILOTS WINGS.

FLOW WB-50s WITH THE 5th WEATHER
RECONNAISSANCE SQUADRON, ANDERSEN
AFB, GUAM.

BY
THOMAS J. BOKKOVAC
ANBAR 1967

A GRADUATE OF THE ARMED FORCES STAFF
COLLEGE.
HAS SERVED WITH AWS UNITS FOR 20 OF
HIS 27 YEARS IN THE SERVICE.

WILL BE REASSIGNED IN JULY AS VICE
COMMANDER, 5th WEA WING, LANGLEY AFB, VA.

THERE'S NOTHING
LIKE PLANTS TO
BRIGHTEN
UP A
PLACE.

ENJOYS RUNNING, FISHING & GROWING FLOWERS.

Maintenancemen, find out where you stand on AWS's overseas volunteer list

Hq. AWS -- To keep AWS personnel informed on their volunteer overseas status, the AWS Observer is publishing the third in a series of volunteer overseas lists. This month's issue covers the 302XO weather equipment repairmen and the 302X1 airborne weather equipment repairmen career fields.

Listings are by Air Force Specialty Code and include the top two volunteers in each NCO grade for each country where weather personnel are assigned. Personnel are reminded that publication of names in no way guarantees that an individual will be assigned to his overseas choice. As pointed out in previous issues, many factors influence this decision.

Remember that any list of volunteers changes constantly. What "went to press" as an up-to-date listing could easily be outdated by the time it reaches the field.

Next month's Observer will cover the 253XX weather forecaster field.

AFSC 302XO

ALASKA

MSgt. Billy R. Jones
TSgt. Donald C. Miner
TSgt. Russell A. Allen
SSgt. Arlan L. Young
Sgt. William R. Browning

AZORES

TSgt. James R. Dyal

BERMUDA

MSgt. Milford N. Barrington
Sgt. Larry C. Tresnicky

GERMANY

MSgt. Dan Brantley
MSgt. Ralph R. Smith
MSgt. Dee R. Humphries
TSgt. Donald C. Miner
TSgt. Oliver W. Skow
SSgt. Theodore P. Lynch
SSgt. Glen L. Kimble
Sgt. Roger E. Champagne
Sgt. George M. Machovec Jr.

GREECE

Sgt. William J. Jones

GREENLAND

SSgt. Arlan L. Young

HAWAII

SSgt. Robert M. Allen

ITALY

TSgt. Richard C. Geib
Sgt. Boyd C. Owens
Sgt. George M. Machovec Jr.

JAPAN

MSgt. Dan Brantley
TSgt. Miguel D. Sosa Jr.
SSgt. Anthony E. Howard
SSgt. William E. Horde
Sgt. Henry R. George Jr.
Sgt. John R. Kingston

KOREA

Sgt. Danny P. F. Daniels

PANAMA

Sgt. Larry D. Huggins

PUERTO RICO

MSgt. Milford N. Barrington
SSgt. Oliver J. Alvarez
Sgt. Larry C. Tresnicky

SPAIN

ASgt. Dee R. Humphries
TSgt. James R. Brittingham
TSgt. Richard G. Sletcho
SSgt. Glen L. Kimble
SSgt. William E. Horde
Sgt. Roger E. Champagne
Sgt. Boyd C. Owens

TAIWAN

SSgt. James A. Treadwell

THAILAND

SSgt. Oliver J. Alvarez
SSgt. Terry G. Clark
Sgt. James S. Matheny
Sgt. John A. Kingston

UNITED KINGDOM

MSgt. Ralph R. Smith
MSgt. Cloyas D. Mustain
TSgt. James R. Brittingham
TSgt. Richard G. Sletcho
SSgt. Theodore J. Parvu
SSgt. Anthony E. Howard
Sgt. Henry R. George Jr.
Sgt. John R. Ware III

VIETNAM

SSgt. Terry G. Clark
Sgt. James S. Matheny
Sgt. William R. Browning

AFSC 302X1

MSgt. Herma A. Thibodeaux - Alaska
TSgt. John F. Belinger - Philippines, Hawaii
SSgt. Rob E. Liebfried Jr. - Alaska, Puerto Rico
SSgt. Richard E. Floyd - Puerto Rico, Hawaii

NCO naturalized, becomes citizen

ANCHORAGE, Alaska--Sgt. Alfred J. C. Gairy, Operating Location 1, 11th Weather Squadron, Sparrevohn AFS, Alaska, became a full fledged citizen of the United States recently in the District Court, Anchorage.

Sergeant Gairy, 23, was born in Trinidad.

NCO gets USAF CRP certificate

POPE AFB, N.C.--SSgt. Arlan L. Young, Detachment 20, 3rd Weather Squadron, has been presented the U.S. Air Force Cost Reduction and Management Improvement Program Certificate of Achievement.

Sergeant Young received the award for management improvement in the area of equipment which resulted in a savings of \$1,500.

Senior sergeants gather to form wing guidance council

OFFUTT AFB, Neb.--Senior non-commissioned officers from throughout the 3rd Weather Wing met last month to form the 3rd Wea. Wg., Senior NCO Management Guidance Council.

Primary function of the council will be to evaluate all areas of enlisted management for possible improvements and provide the 3rd Wing commander with sound recommendations for changing or improving management controls in specific areas.

Emphasis will be placed on elimination of training deficiencies, improvement of NCO utilization, acceptance of increased responsibility by NCO's, enlisted promotions and morale and retention of enlisted personnel.

The organizational meeting

was headed by CMSgt. George E. Conley, Hq. 3rd Wea. Wg. Other participants included CMSgt. Grant S. Williams, SMSgt. Willie J. Barnes, SMSgt. William C. Russell, MSgt. Anthony J. Landa and MSgt. Norman G. Van Hook, all assigned to Hq. 3rd Wea. Wg.

CMSgt. Jack M. Metcalf represented the Global Weather Central while CMSgt. Thomas M. McElmurry represented the 8th Wea. Sq. SMSgt. George E. Connett Jr. participated for the 9th Wea. Sq., and MSgt. Bobby W. Luker represented the 26th Wea. Sq.

Safety pins

Hq. AWS--Maj. Ira B. Lilly Jr. and Capt. Vincent B. Nelson, 56th Weather Reconnaissance Squadron, Yokota AB, Japan, have been awarded MAC Outstanding Safety Achievement Awards for displaying extreme caution and calmness while experiencing an in-flight emergency.

SSgt. Michio Furukawa, Detachment 7, 4th Weather Wing, Ent AFB, Colo. and SSgt. Glenn A. Keister, Det. 11, 35th Wea. Sq., Luke AFB, Ariz., also received the MAC safety awards.

Sergeant Furukawa was cited for developing a safe method of removing the An/FPS-77 pedestal, while Sergeant Keister devised a unique and effective method of alerting Det. 11 members on local weather conditions.

Bronze Star

Capt. David B. Johnson, Detachment 8, 24th Weather Squadron, Chanute AFB, Ill., has been awarded the Bronze Star for meritorious service in Vietnam from Nov. 9, 1966 to Oct. 21, 1967.

Personnel problems

Question:

Does the T prefix for AFSC 25251/71 affect assignment of observers from Chanute AFB to stations where their instructor talents can be useful, or from field units to instructor duty?

Answer:

Airmen with AFSC 25251/71 are considered to be observers first and instructors second. But, when a T25251/71 is needed at Chanute, the only place AWS uses this AFSC, records are screened to find a qualified instructor. Because of their long school tours, most observer instructors go to overseas stations. When ready to return, they forecast for base, state and area choices, and are assigned according to their preferences, as mission requirements permit. Obviously, since Chanute is the only place where AWS can use observer instructors, anyone desiring this type of duty should indicate Chanute as a preference. The door is also open to other instructor duty, under paragraph 3014, AFM 39-11.



The Air Weather Service OBSERVER is an official Class 4 Air Force newspaper published monthly by and for personnel of the worldwide Air Weather Service of the Military Airlift Command and under the supervision of the Directorate of Information, Headquarters, Air Weather Service, Scott AFB, Ill., 62225. Opinions expressed herein do not necessarily represent those of the Air Force.

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MAJ. GEN. RUSSELL K. PIERCE, JR.

Commander, Air Weather Service
CAPT. TERRENCE MAYER, Director of Information
LT. RAY A. CROCKETT, Managing Editor
SSGT. GENE GOLDSMITH, Editor



COL. GRIFFIN H. WOOD, vice commander of the 4th Weather Wing, Ent AFB, Colo., was presented the Vietnamese Armed Forces Honor Medal by the Vietnamese Air Force Chief of Staff, Maj. Gen. Than Van Minh. Colonel Wood also received the Legion of Merit, at a separate ceremony. He was 1st Weather Group commander while in Vietnam.



TALKING SHOP WITH A1C Thomas Denson, an observer with Detachment 7, 9th Weather Squadron, March AFB, Calif., is Maj. Gen. Russell K. Pierce Jr., AWS commander. General Pierce visited Det. 7, while on a staff visit to the 9th Wea. Sq., headquarters at March.

Weathermen supporting Army operations in South Vietnam

LONG BINH, Vietnam — One morning the sergeant says: "Bring your ponchos today," Sure enough it rains.

The next morning: "Bring extra canteens, You're going to want them." And just as he predicted it is scorching hot the whole day, without a cloud in sky.

How does he do it? Magic? Lucky guesses?

Behind the sergeant's knack for weather predicting are the 190 men of the 5th Weather Squadron — the unit responsible for providing the Army in Vietnam with exact up-to-minute weather data.

"Our men wear the patches of the Army units we support," Lt. Col. William E. Cummins II, 5th Wea. Sq. commander and U. S. Army Republic of Vietnam (USARV) staff weather officer, said.

We live with them, eat with

Three year-old unit has never had an accident

WRIGHT ARMY AIRFIELD, Ga., — Detachment 19, 16th Weather Squadron, has never had a reportable or non-reportable traffic accident involving any of its personnel since its inception, June 1, 1966.

Capt. V. H. Fraenkel, Jr., the unit commander said, "We are all very proud of having no man-hours lost to accidents and fully intend to continue in this manner." Captain Fraenkel credits the detachment's extensive safety program for this record.

Unit personnel are given safety briefings monthly as part of their driver safety program. They are encouraged to use seat belts and drive defensively whenever behind the wheel. The result has been three years of accident-free driving. In fact, the detachment's traffic record is so good that not one member of the unit has ever gotten a traffic ticket, on or off base.

them and if there's some trouble, we fight with them."

There is either a one, two or three-man weather team per Army brigade in Vietnam. The teams usually work near Army air fields, either in a control tower or in one of their specially-made weather vans with an observation bubble on top.

SMSGT. Arthur A. Consigny, chief of observing services and the ranking weather observer in the squadron, told how observers do their jobs:

"They have to report changes in clouds, temperature, dew point, visibility, winds, and precipitation among other things. They use that data to obtain altimeter settings and the relative humidity."

"Weather observers cannot take a break from their observations," Consigny pointed out, because if the weather situation changes at all they must report it immediately. If a cloud height changes by 100 feet they have to start all over again," he said.

"Information is received by everyone at the same time," Sergeant Consigny commented. "The weather observer at a division headquarters gets the data and puts it on a map. The weather forecaster will then look at the data and try to judge what will happen in the next 12 to 24 hours."

The forecaster passes his information to the division's intelligence and operations offices, so they will know what kind of weather to expect during the unit's operations.

The accurate weather data provided by the 5th Wea. Sq., whether difficult or easy to obtain, remains essential to successful Army operations in Vietnam. A good weather forecast can save many lives. As a brigade commander with the 1st Cavalry Division (Airmobile) put it: "We fight three things; the enemy, the terrain and the weather, and the 5th Weather Squadron provides us with the answers about the weather."

Four weathermen become TV watchers in support of BOMEX

SCOTT AFB, Ill., — Watching television is one of today's more popular leisure time activities. But during May, June and July four Air Force weather observers are watching television as part of their daily job schedule.

It's doubtful that they'll see any of their favorite shows, however, for they are receiving and photographing cloud cover pictures from orbiting Environmental Science Services Administration (ESSA) weather satellites.

Sgt. Robert E. Littlejohn and Airmen Ernest G. Chapa, Charles L. Kaufman and Ricky D. Wiley, 6th Weather Squadron (Mobile), Tinker AFB, Okla., are operating a portable Electro-Mechanical Research Co., (EMR) weather satellite receiver on the island of Barbados in the West Indies. The unit is on

loan from the University of Wisconsin.

The weathermen monitor the receiving equipment and turn over the finished photographs to officials of the Barbados Oceanographic and Meteorological Experiment (BOMEX) for interpretation.

BOMEX is an intensive three-month study of the links between sea and air in an attempt to determine their effect on the generation of weather. A cooperative effort between the United States and the Government of Barbados, it involves seven Federal departments or independent agencies, 19 universities and seven industrial laboratories.

Air Weather Service is also providing aerial reconnaissance, aerial photographic and surface and upper air observing support to the project.

The experimental area east of Barbados is representative of the basic atmospheric and oceanographic processes in low latitudes. The timing of the experiment will permit observations during periods of limited

tropical depression during the early portion and of active tropical depressions during the latter portion.

Essentially, a self-contained unit, the portable EMR receiver produces 3x5-inch black and white polaroid photographs from televised data transmitted by the weather satellites.

Six weathermen view satellite prior to launch

VANDENBERG AFB, Calif., — Six men from Detachment 30, 6th Weather Wing, were invited recently by the National Aeronautics and Space Administration (NASA) to see the Nimbus IIB satellite several days before it was launched from Vandenberg AB. Nimbus IIB was launched successfully on April 14.

The satellite, which cost \$10 million including the launch, is classed as a scientific satellite with several cameras which will take cloud pictures both day and night, sensors to accurately measure the temperature profile of the atmosphere and equipment that will receive data from remote transmitters on the surface and relay the information to receiving stations.

One of the transmitters is being used to track an elk in Yellowstone National Park, an experiment designed to develop techniques for use in tracking the migration of animals.



SEA major gets Legion of Merit

TAN SON NHUT AB, Vietnam — Maj. Joseph E. Tucker, Detachment 14, 1st Weather Group, has been awarded the Legion of Merit for meritorious service as officer-in-charge, U. S. Military Assistance Command Meteorological Office, from Feb. 15, 1968, to Feb. 2, 1969.

Major Tucker was cited for increasing the amount of timely weather intelligence to planning and operations, providing support to operations highly dependent on exact weather conditions and thoroughly researching the typhoon season threat to military operations and effectively briefing commanders and staffs on its implications.

MAC approves savings idea

CHEYENNE MOUNTAIN, Colo. — A Cost Reduction idea submitted by MSgt. Lorraine D. Jones, Detachment 1, 4th Weather Wing, here, was recently approved by the Military Airlift Command Cost Reduction officials. It is estimated that implementation will result in savings of \$1,600 over the next two years.

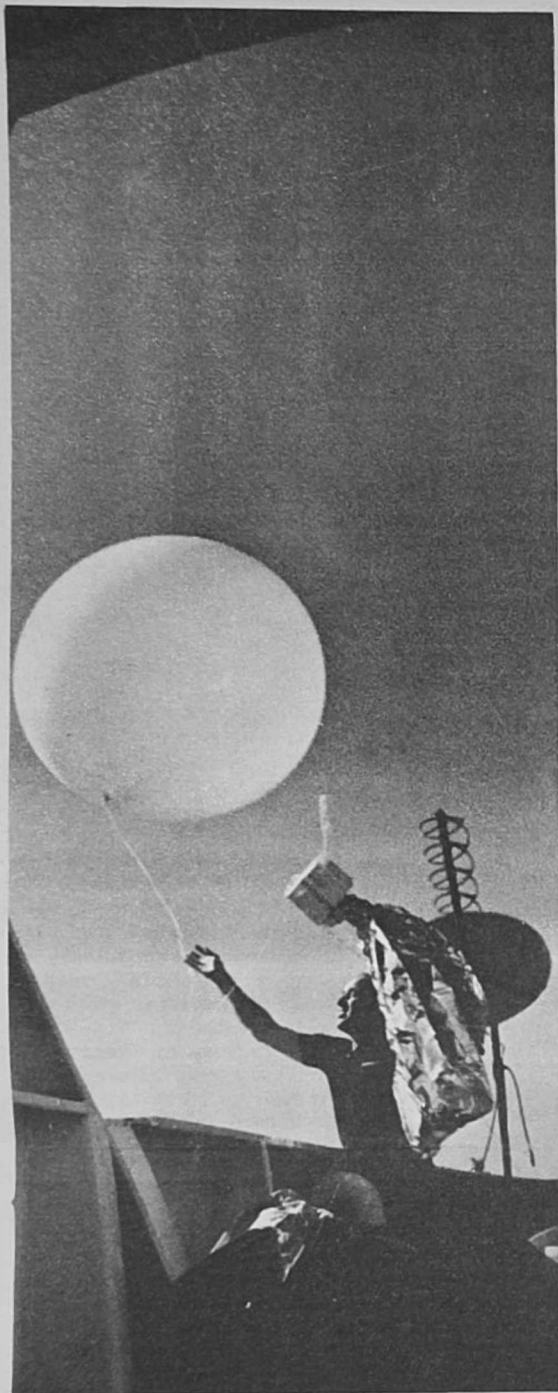
Sergeant Jones's idea concerned replacing a high operating cost weather facsimile recorder with a more economical and better quality unit. Sergeant Jones's suggestion fulfilled 80 per cent of the 4th Weather Wing's general management improvement goal for this fiscal year.

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.

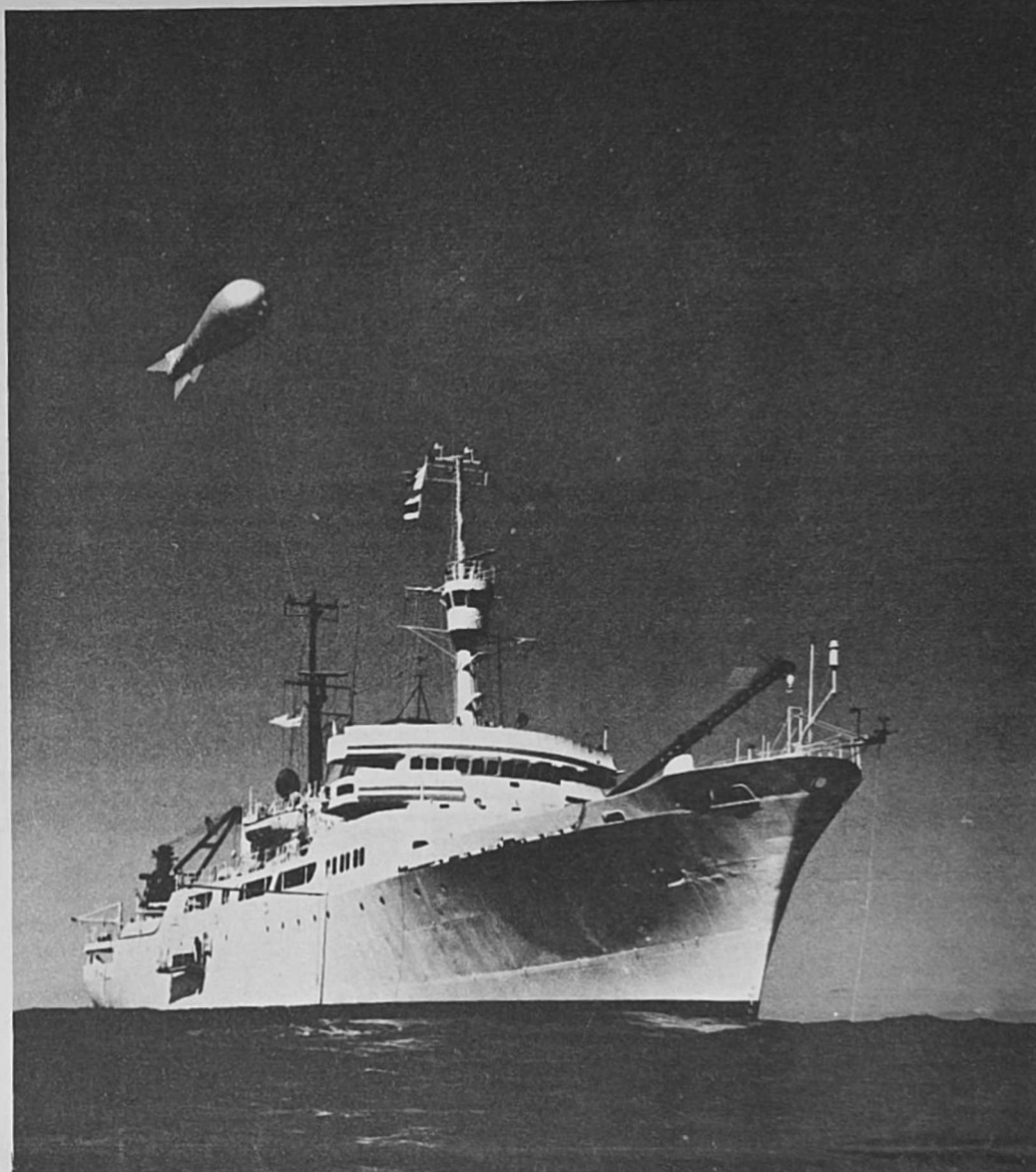


DISCUSSING THE SCRIPT for the fourth annual Military Airlift Command Junior Officer Conference Dining-In are Capt. Robert J. Milne, president of the mess, and 2nd Lt. Ray A. Crockett, Mr. Vice. Captain Milne, who is the recently installed aide to AWS Commander Maj. Gen. Russell K. Pierce Jr., is the first junior officer in the conference's history to serve as president of the mess for the dining-in. Lieutenant Crockett is an information officer with the Directorate of Information, AWS headquarters.



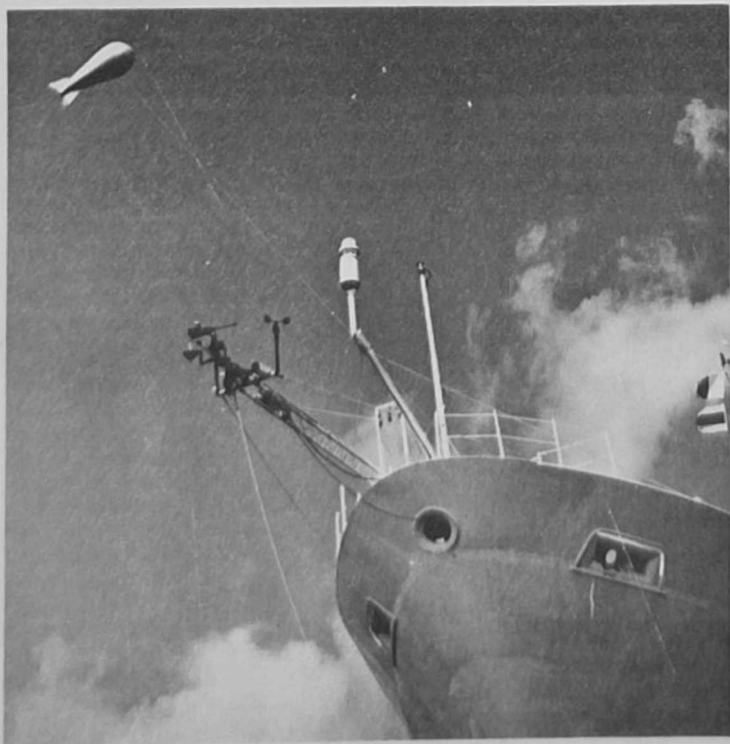
A METEOROLOGICAL balloon at moment of launch from the DISCOVERER. The instrument package and foil target for the radar are suspended from the line.

B O M E



U. S. COAST and Geodetic Survey Ship DISCOVERER trails a tethered balloon used to lift meteorological instruments to predetermined heights.

SiXth and Ninth Wings support



LOOKING UP from a small boat, the camera catches the tethered balloon above the bow of DISCOVERER. The boom projecting forward carries instruments to measure wind, temperature, humidity, and radiation. The line in the foreground is attached to a sea-temperature sensor.

Scott AFB, Ill. -- Aircrews and support personnel from the 9th Weather Reconnaissance Wing and observers and electronic technicians from the 6th Weather Wing are currently engaged in providing support to the Barbados Oceanographic and Meteorological Experiment (BOMEX), the most intensive scientific investigation ever conducted into the mechanism of air-sea interaction.

The three-month study, which began in early May in a 90,000 square-mile area of the Atlantic Ocean east of Barbados, involves aircraft, ships, equipment and personnel of seven Federal departments and independent agencies, 19 universities and seven industrial laboratories, with the cooperation of the Government of Barbados. The Commerce Department's Environmental Science Services Administration on (ESSA) is the lead Federal agency in the project.

The first AWS reconnaissance sortie was launched from Ramey AFB, Puerto Rico, on May 3 with Captain Herbert Klein commanding a WC-130 of the 53rd Weather Reconnaissance Squadron, Ramey.

AWS has the task of collecting selected atmospheric data through aerial sampling and both aerial and ground-based observational techniques. Aircraft employed on the project include WC-130s and WB-47s from the 53rd and RB-57Fs of the 58th Weather Reconnaissance Squadron, Kirtland AFB, N. M. The 55th Weather Reconnaissance Squadron, McClellan AFB, Calif., is also supporting the project with a WB-47.

The 6th Weather Wing's 6th Weather Squadron (Mobile), Tinker AFB, Okla., is providing 45 observers and 14 electronic technicians to obtain upper air, boundary layer, satellite and surface observations from stations aboard BOMEX.

Bronze Star

Maj. John J. Campbell, Detachment 14, 1st Weather Group, Vietnam, has been awarded the Bronze Star for meritorious service as OIC of the 7th Air Force Tactical Air Control Center support branch and as scientific services officer from Oct. 7, 1967 to July 31, 1968.

project ships and on the island of Barbados, itself. Project managers for the 6th Weather Wing are Lt. Col. Wendell C. Johnson and CMSgt. William G. Montgomery.

The BOMEX project, eight years in the making, is aimed at learning more about air-sea interaction and its effect on the generation of weather. It requires AWS aircrews to fly atmospheric sampling, synoptic and high level color photographic missions.

More than 40 of the 6th Weather Squadron participants will serve aboard ship. Unique among the ships employed on the project is the 355 foot ship-buoy FLIP (Floating Laboratory Instrument Platform). The vessel has the capability to flip from a horizontal to a vertical position, leaving only 55 feet of its structure above the surface. This forward section has a typical ship's bow while the 300-foot aft submergible section is cylindrical in shape.

AWS project officer for BOMEX is Lt. Col. William E. Smurro, an air operations staff weather officer assigned to Hq. AWS at Scott.

Armed Forces Day crowds to view Vietnam weather

HQ MAC (MNS) -- For the fourth straight year, Armed Forces Day visitors at stateside bases were able to view latest weather reports from Vietnam. And, for the first time, solar observations and forecasts from the Air Weather Service Solar Forecast center at Cheyenne Mountain, Colo., were displayed at Armed Forces Day celebrations throughout the nation.

The special program brought Vietnam observations from SEA weather stations to stateside base weather stations by way of Saigon, Clark AB in the Philippines and the Weather Relay Center at Tinker AFB, Okla.

A new feature this year, the solar forecasts were provided by personnel of 4th Weather Wing's Solar Forecast center.

Air Force picks regular officers

RANDOLPH AFB, Tex. -- U. S. Air Force Military Personnel Center, here, has selected officers for regular Air Force appointments in the four year group.

The following AWS officers were named as permanent first lieutenants: Captains Billy D. Bainter, Hq. AWS; John A. Krumm, Det. 1, Hq. AWS; John C. Stevenson, Det. 7, Hq. AWS; Kenneth P. Evans, Det. 9, 30th Wea. Sq.; Robert M. Aldrich, Det. 33, 3rd Wea. Sq.; Bruce D. Altenhof, Det. 7, 16th Wea. Sq.; William G. Gess, Det. 29, 6th Wea. Wg.; Michael S. Horn, 2nd Wea. Sq. and Michael S. Kuzmack II, Det. 13, 7th Wea. Sq.

Other permanent first lieutenants are: Captains John T. Madura, Det. 15, 10th Wea. Sq.; William R. Newman, Det. 29, 6th Wea. Wg.; Robert L. Norton Jr., Det. 3, 30th Wea. Sq.; Charles E. Schulze Jr., Det. 14, 1st Wea. Gp.; John R. Vanpelt, OL-1, 31st Wea. Sq. and Martin P. Wiess, 1st Wea. Gp.



SELECTED AS THE BEST dormitory room on McClellan AFB, Calif., was the room of Airmen First Class Thaddis E. Jackson and Lewis C. M. Taylor, 55th Weather Reconnaissance Squadron. Using standard issue, self help and ingenuity, Taylor and Jackson have been able

to create living conditions that, if adopted by Air Force Logistics Command, would become standard throughout the command. Dormitories were inspected by the McClellan AFB Dormitory Improvement Committee to obtain ideas for improving living conditions.

AWSmen crash language barrier working with Korean detachment

SUWONAB, Korea--Predicting the weather is a tricky business anywhere, but for Capt. Chester Ropelewski, weather forecaster, the job becomes doubly difficult when he has to learn to say words like fog and rain in Korean.

Officer-in-charge and chief forecaster at Detachment 15, 20th Weather Squadron, Captain Ropelewski depends to a great extent on the Korean weather detachment at Suwon for all weather data to make forecasts.

"Both the Korean weathermen and Air Force personnel here are a little rusty with each other's language," Captain Ropelewski said, "but you pick it up fast... you have to."

The weather unit provides forecasts for F-102 fighter pilots from the 82nd Fighter Interceptor Squadron (FIS) at Naha AB, Japan, whose pilots fly out of Suwon.

Det. 15 arrived at Suwon during the USS Pueblo crisis in January 1968. Located 40 miles south-east of the capitol city of Seoul,

Suwon is a Republic of Korea Air Force base (ROKAF) and headquarters for the Korean 10th Fighter Wing.

A temporary duty status (TDY) unit at first, it became a permanent weather detachment in August of last year, Captain Ropelewski said.

Located in a corner of the Korean Air Force operations building near the flightline, the unit works closely with Detachment K-13, the Korean weather unit here, sharing weather information, charts and technical know-how.

It's a 24-hour operation. Captain Ropelewski and his three-man team, supplemented by two TDY men make weather forecasts at three-hour intervals, seven days a week.

The Korean weathermen supply the unit with all surface observation data for the Far East, plus weather observations and charts for the Suwon area. "They're the best single charts we have," Captain Ropelewski said.

From this information, plus data gathered from their own observations, the Air Force men make their forecasts.

In return, the Air Force team supplies the Korean weathermen with satellite weather maps on atmospheric conditions and also shares its information on local weather.

Captain Ropelewski and his weather team all have high praise for the cooperation and help they have received from the Korean weathermen, and for their skill as technicians.

"There has never been a time when I couldn't get help and guidance when I wanted it," TSgt. Jack Floodas, a member of the detachment stated.

Capt. Choi Chul Yong, chief forecaster of the Korean detachment and a veteran of 15 years of weather experience who was trained at Chanute AFB, Ill., also praised the working relationship between the units.

He called the discussion and exchange of information between the weathermen a great mutual benefit.

In addition to supplying weather information to the 82nd, the unit also assists transiting USAF planes and issues severe weather warnings when necessary.

"With the continuing help of the Koreans, we have successfully solved many of our problems," Captain Ropelewski stated. "We look forward to continuing this relationship in the future."



WITH SPECIAL FORCES patches above their stripes, Technical Sergeants Junior R. Taylor (center) and Ted V. Lungwitz (right), discuss weather conditions with 1st Lt. Roger S. Benson, 5th Special Forces Group assistant operations officer. The two sergeants are the only weathermen in Air Weather Service currently authorized to wear the distinctive special forces patch. The forecasters give daily weather briefings to staff members of the 5th Special Forces Group at Nha Trang, Vietnam and visit 20 special forces sites to train Army personnel to take weather observations.

Chinese wxmen tour Clark AB

CLARK AB, Philippines -- Lt. Col. Feng-Lin Chang and Maj. Yu-Yun Tang, weather officers in the Chinese Air Force, recently visited Clark AB weather facilities while awaiting transportation for temporary duty with the 1st Weather Wing headquarters, Hickam AFB, Hawaii.

While at Clark they were entertained by Lt. Col. William B. Hellkamp, Det. 5, 1st Wea. Wg., commander, and other members of the Clark weather detachment. Highlight of their visit was the annual Parent Teachers Association "fun fair" where they tried their luck at games of chance, which included Det. 5's "Milk Bottle Toss" booth.

The following day the Chinese officers toured Det. 5's rawinsonde and maintenance sections and the unit's weather editing and base weather station.



POINTING OUT WEATHER conditions over his homeland Republic of China (Taiwan), on a Detachment 5, 1st Weather Wing, weather map is Lt. Col. Feng-Lin Chang (center). Colonel Chang and Maj. Yu-Yun Tang (right), recently toured the weather facilities of Det. 5, at Clark while enroute to 1st Weather Wing headquarters, where they will be assigned in a temporary duty status. At left is Lt. Col. William B. Hellkamp, Det. 5, commander.

Commanders Awards . . .

(Continued from page 1)
or forecasting service to other AWS units. Det. 14 also supports the U.S. Seventh Army and its subordinate units.

The Bassett Award, for the AWS rawinsonde section compiling the most outstanding record for upper air observations, has gone to Det. 19, 15th Wea. Sq., Lajes AB, Azores. The unit accomplished 95 percent of its scheduled runs, attaining an average height of 115,000 feet.

Given annually to the outstanding weather reconnaissance aircrewman, the Yates Award was won by Maj. Charles A. Erni, 55th Weather Reconnaissance Squadron, McClellan AFB, Calif. His selection was based on his performance as a WC-135B aircraft commander.

The major's superior airmanship and achievement led to his becoming the first air-refueling-qualified WC-135B flight examiner in the Military Airlift Command.

For excellence in weather reconnaissance or air sampling by a unit, the Senter Award again went to the 58th Wea. Recon. Sq., Kirtland AFB, N.M. The 58th's second win was based on its outstanding performance in both normally-scheduled and special operations.

All seven AWS commander's awards are named for previous AWS commanders. The Merewether Award is named for Col. Arthur F. Merewether, former Army Air Forces Weather Section Chief from 1940 to 1942 while the Zimmerman Award is named for Brig. Gen. Don Z. Zimmerman, director of weather, Army Air Forces, in 1942.

The Yates and Senter Awards are named for Lt. Gen. Donald N. Yates (USAF retired), AWS commander from 1945 through 1950, and Lt. Gen. William O. Senter (USAF retired), AWS commander from 1950 through 1954.

The Williams Award was named for Col. Randolph P. Williams, who organized AWS in 1937, before its transfer from the Signal Corps to the Air Corps. The Moorman Award is named for Lt. Gen. Thomas S. Moorman, AWS commander from 1954 to 1958; the Bassett Award is named for Maj. Gen. Harold H. Bassett, who retired as AWS commander in 1959.

From England to Japan Recon NCO adding edged weapons to collection

YOKOTA AB, Japan - The proofmark and the history of a sword are what make it valuable as a collector's item, not the date. Those were the words of MSgt. Warren B. Adams, a flight chief with the 56th Weather Reconnaissance Squadron, as he exhibited his collection of more than 135 swords, daggers and other edged weapons.

The oldest sword in the sergeant's collection is a Japanese weapon dating from about 1445, but he said it is far from the most valuable. "Most of these items can't have a price tag on them since they are collector's pieces rather than just weapons," stated Sergeant Adams.

Among the swords in the collection is a British light cavalry sword dating from about 1837. The sword is one used by the British Fourth Light Cavalry Brigade and, according to Sergeant Adams, was quite possi-

bly used in the infamous "Charge of the Light Brigade" in 1855 during the Crimean War.

Other interesting pieces in the sergeant's collection include a ceremonial Sudanese throwing axe, an Arabian armor-piercing dagger and a Nepalese be-heading axe, all dating from about 1800.

Sergeant Adams said he is most interested in Japanese and British weapons since he considers them "the best examples of military weaponry."

Although he has been in Japan about one and one-half years, he said that most of his Japanese collection was obtained in the United States.

"There are more pieces back in the U. S. than here, mostly taken during the war as souvenirs," Sergeant Adams added.

Currently the sergeant is seeking out families of the men whose

names appear on several of his Japanese items. "I am more than willing to trade back family heirlooms for their interesting pieces to add to my collection," he stated.

Sergeant Adams' interest in swords first began during a tour of duty in England in 1960. He obtained many important items of his collection then and has since expanded it until it now includes all sorts of edged weapons, rifles and pistols.

Through experience and study, including lectures on British military history at Oxford University in England, Sergeant Adams has become an expert in restoring old weapons and in reading proofmarks and armorers marks.

These are the two most important things about a sword," the sergeant stated. "The proofmark is the birth certificate of a sword and the armorer's marks tell the history. Someone who can read armorer's marks can tell exactly what was done to the sword, by whom, where and even sometimes what time of year the work was done."

All the sergeant's edged weapons have authenticating proofmarks on them. He mentioned that he found most of them in hidden away shops. Often they needed major restoration to make them suitable for exhibition.

"Many swords and weapons that would be a collector's dream are going unfound because the average person has no idea of just what that old piece of junk in the attic actually is," the sergeant added.

Although reluctant to name one type of weapon as his favorite, the sergeant stated that he was quite interested in British cavalry swords and adding to his collection of Japanese weaponry.

Currently, Sergeant Adams owns several Samurai swords, daggers and bayonets and a mint condition Japanese Trisla rifle from the 97th Regiment.

Sergeant Adams added that although he allows his family to handle the items in his collection, "...after they go up on the wall, they have received too much time and work in restoration to be carelessly handled."



HOLDING THREE OF his collection of more than 135 edged weapons is MSgt. Warren B. Adams, 56th Weather Reconnaissance Squadron, Yokota AB, Japan. Some of the more interesting pieces include a ceremonial Sudanese throwing axe, an Arabian armor-piercing dagger and a Nepalese be-heading axe, all dating from about 1800.

Mississippi detachment wins award for support to SAC

OFFUTT AFB, Nebr.-Detachment 10, 26th Weather Squadron, Columbus AFB, Miss. has been named this year's recipient of the 3rd Weather Wing Commander's Award for the best weather detachment supporting the Strategic Air Command.

Col. Robert L. Sorey, 3rd. Wea. Wg. commander, presented the award to Capt. Caroldean E. Stenzel, Det. 10 commander, in a ceremony at Columbus AFB last month.

Colonel Sorey said, "With an experience level lower than we normally find in a SAC detachment, you were able to perform in an outstanding manner—not because of a few great workers, but because you built the team effort with a remarkable performance and contribution by every individual in your unit."

Specific accomplishments of the Columbus detachment noted by Colonel Sorey include the preparation of a thunderstorm brochure that has been reproduced and distributed Air Force-wide. Operations and maintenance personnel also pre-

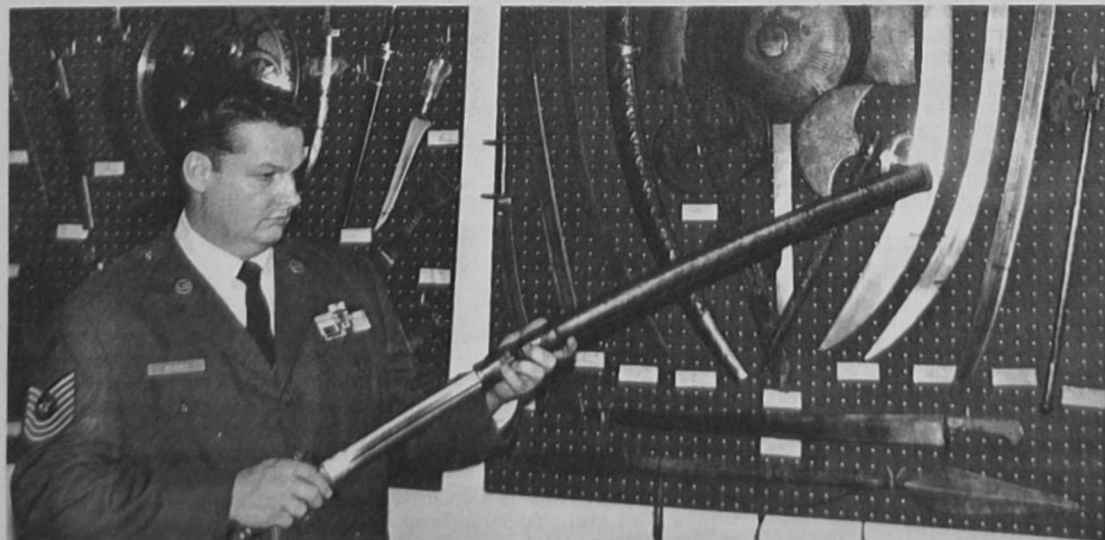
pared a written operator's procedure for a new weather radar unit.

In addition, Det. 10's wing weather officer was cited for providing outstanding weather support to the 454th Bomb Wing, assigned to Columbus, while the unit was deployed to Southeast Asia.

Columbus AFB is scheduled to be transferred to the Air Training Command this summer. Colonel Sorey remarked, "My only regret is that you will soon be leaving our wing to join the ATC team, but I assure you, you will continue to have a demanding mission that will be worthy of your capabilities."

Bronze Star

SSgt. John J. Rivers Jr., 7th Weather Wing, has been awarded the Bronze Star for meritorious service as an administrative specialist for the 460th Field Maintenance Squadron, Tan Son Nhut AB, Vietnam from June 19, 1967 to June 12, 1968.



INSPECTING ONE OF HIS Japanese swords is MSgt. Warren B. Adams, a flight chief with the 56th Weather Reconnaissance Squadron, Yokota

AB, Japan. The sergeant's collection includes more than 135 different edged weapons with many believed to be more than 300 years old.

Wxmen second guess mother nature, take prognosis title

WIESBADEN AB, Germany—Weathermen are often the victims of mother nature's mystifying deceptions, and a weather forecast may leave the user both wet and angry.

The 2nd Weather Wing's Detachment 25, 31st Weather Squadron, Rhein-Main AB, Germany has predicted mother nature's whimsical moods with enough accuracy to gain special recognition.

According to a Tournament of Prognoses held by the Institute for Meteorology at the Darmstadt Technical University, Det. 25 is right about the weather with more regularity than any other civilian or military facility in Germany or West Berlin.

The detachment held a higher average over a 55-day reporting period than any of the other 51 participating teams.

All participants had to give a weather forecast for the same area, which was Rhein-Main. Each prediction, to be for the following 24 hours, had to include wind direction and velocity, high and low tempera-

tures plus the temperature at noon, visibility, weather and amounts of precipitation, cloud conditions and atmospheric pressure.

The forecasts were sent daily to Darmstadt University where teams under the direction of Dr. F. Wipperman evaluated and rated the forecast. The results were posted weekly.

Maj. Joseph P. Hebert, detachment commander, attributed the success to the teamwork of all members of the detachment.



Secretary wins PRIDE award

TINKER AFB, Okla.—of the 25,000 civilian employees here, 24,999 have not been awarded the Military Airlift Command Gold PRIDE Award.

Mrs. Gloria Hamilton, secretary to Col. Frank Z. Kamer Jr., 6th Weather Squadron (Mobile), commander, is the only civilian at Tinker to receive the Gold PRIDE Award.

She was cited for more than eight years of outstanding service to three 6th Wea. Sq. commanders.

PRIDE (Personal Responsibility In Daily Effort), is MAC's version of the Air Force Zero Defects program. The Gold PRIDE Award is the highest award offered.

Japan weathermen get Korean scroll from Gen. Pierce

TACHIKAWA AB, Japan—Maj. Gen. Russell K. Pierce Jr., AWS commander, recently presented Detachment 52, 20th Weather Squadron with a scroll signed by Brig. Gen. Kim Seung Suk, of the Republic of Korea Air Force.

Commanded by Capt. Clarence D. Ehrlich, the men of Det. 52 received the scroll in appreciation for their cooperation with the Republic of Korea in management techniques, maintenance and on-the-job training.



A TEAM EFFORT OF 7th Weather Wing OJT trainees, trainers, supervisors and detachment commanders earned the wing the Military Airlift Command OJT Program Award for 1968. Col. Douglas C. Purdy, 7th Wea. Wg. commander accepts the award from Gen. Howell M. Estes Jr., MAC commander, for the men who racked up the highest point total of any unit in MAC. The point total was determined by combined five-and seven-level skill knowledge test passing rates, overtime in training rates and non-productive training rates.

Births

LARUE, Capt. and Mrs. David M., a daughter, Amy Lynn, at Westover AFB, Hospital, Mass. Father assigned to 8th Weather Squadron.

PACCHETTI, MSgt. and Mrs. Peter, Jr., a son, John Michael, at Chanute AFB, Ill. Father assigned to Department of Weather Training.

SCHMOYER, A1C and Mrs. Richard H., a son, Jeffrey Richard, at Heidelberg, Germany. Father assigned to Detachment 14, 7th Weather Squadron.

Alaska unit using hammers and saws to repair hangar

EIELSON AFB, Alaska—Hammers have been ringing and saws have been buzzing furiously around Detachment 5, 9th Weather Reconnaissance Wing for the past few months.

In addition to providing top notch operational and maintenance support for transient AWS reconnaissance crews, detachment personnel have been engaged in an extensive self-help remodeling and beautification of the old "Birchwood Hangar."

Originally built in 1942 for use in the United States-Russian Lend-Lease Program, the hangar provided facilities for the transfer and modification of many American aircraft into the Russian war machinery which was pitted against the advance of Adolph Hitler's Germany, and the Japanese Empire.

Weather reconnaissance is not a new job for the Birchwood. Within her walls have been housed WB-29's, WB-50's, WB-57's, WC-130E's, WC-135B's and RB-57F's.

Bronze Star

Lt. Col. Robert E. McKowen, special consultant to the commander, 4th Weather Wing, Ent AFB, Colo., was recently presented the Bronze Star for meritorious service as chief, Airlift Element, 834th Air Division, Tuy Hoa AB, Vietnam.

Chinese wxmen ON THE tour AWS unit

CHING CHUANG KANG AB, Taiwan—Maj. Gordon Tucker, commander Detachment 23, 1st Weather Wing, hosted ten Chinese Air Force weather forecasting officers on a tour of his unit recently.

The weathermen were on an orientation visit and stopped at the local weather station to see the newly-erected AN/FPS-77 weather radar unit and to view training films on the fundamentals of radar operation.

The ten weathermen concluded their tour by visiting the base's representative observation site. The site will be used for taking hourly weather observations.

Major Tucker commented that "the visit was interesting and beneficial to both the Chinese and American forecasters."

SEA monsoon discussed at weather conference

HICKAM AFB, Hawaii—With the onset of the southwest monsoon season in Southeast Asia (SEA), weather has become a matter of increasing concern to all Army, Navy and Air Force operations in the war zone. In previous years heavy rains accompanying the summer monsoon have greatly impaired Army ground maneuvers, Naval sea patrol operations and Air Force aerial missions.

In the past, it has been difficult to predict the exact date for the beginning of this season. The Air Force Cambridge Research Laboratory and the Navy Weather Research Facility sponsored a conference at the University of Hawaii in April to discuss the problem.

Purpose of the conference was to provide information and training to Air Weather Service and Navy personnel who will provide forecasting support in the SEA area during the 1969 southwest monsoon season.

AWS units operating in the

area include the 1st Weather Wing's 30th Wea. Sq., which provides support to Air Force operations in South Vietnam. The 5th Wea. Sq., which supports Army units in South Vietnam and the 10th Wea. Sq., tasked with supporting Air Force operations in Thailand.

Speakers for the conference were from the 1st Wea. Wg., the Hong Kong Observatory, the Universities of Hawaii and Chicago and Pennsylvania State and Florida State Universities.

Retirees

The following AWSmen have recently retired:

Col. Bernard F. Forster, Lt. Col. Stanley L. Goodwin, Majors Robert L. Burns, Franklin J. James and Stanley P. Mauldin Jr., Capt. John H. Boone, CWO Emory J. Caukin, Chief Master Sergeants Harold L. Huston and Thomas A. Rule and TSgt. Garrett D. Monk.

APT workshop held at Fuchu

HICKAM AFB, Hawaii—The third annual 1st Weather Wing Satellite Picture Workshop was held early this month at Fuchu AS, Japan.

Purpose of the workshop was to allow military weathermen to exchange information concerning the application of meteorological satellite data in the Pacific and Far East areas.

Conference speakers included Jim Sadler of the University of Hawaii and Maj. G. R. Farr of the 6th Wing's Environmental Technical Applications Center, Washington, D. C.

Representatives of the Air Force Cambridge Research Laboratory also presented satellite meteorology briefings. In addition, each Automated Picture Transmission (APT) detachment within the 1st Wea. Wg., discussed some aspect of satellite picture utilization and interpretation within their own unit.

skew-T

Highlights of Air Weather Service people at work and play.

AWS Global Report

Ent AFB, Colo.

Captains Odell M. Johnson and Robert L. Lufje, Detachment 1, 4th Weather Wing, have been awarded MAC Gold PRIDE Awards for personal responsibility in daily effort.

Ft. Ritchie, Md.

The following Detachment 29, 6th Weather Wing members have been awarded MAC Gold PRIDE Awards: Captains Vincent Cinquemani and William L. Chase, CWO Thomas W. Harper, Staff Sergeants Gordon F. Weir and Jordan B. Matejcek and Airman First Class Wayne F. Campbell and Merlin W. K. Wilson.

Ramey AFB, P. R.

A1C Walter F. Cripe, 53rd Weather Reconnaissance Squadron, has been awarded the MAC Bronze PRIDE Award for outstanding service in March.

A1C Walter F. Cripe, 53rd Weather Reconnaissance Squadron, has been awarded the MAC Bronze PRIDE Award for outstanding service in March.

SSgt. Kenneth S. Gardner, 53rd Wea. Recon. Sq., was selected as the squadron PRIDE NCO for March. He received the Bronze PRIDE Award.

CMSSgt. Frank Y. Galvan, 53rd Wea. Recon. Sq., received the Gold PRIDE Award for outstanding service as chief of maintenance, quality control.

Wiesbaden AB, Germany

Members of the 2nd Weather Wing achieved an 81.8 percent passing rate on all skill knowledge tests in 1968 to earn a place on the MAC SKT Honor Roll.

The 7th Weather Squadron led all wing units with a 100 percent passing rate.

McClellan AFB, Calif.

TSgt. Harvey Bowers, 55th Weather Reconnaissance Squadron, has been awarded the MAC Gold PRIDE Award for outstanding performance while assigned to the 57th Wea. Recon. Sq.

A1C Donald N. Corsini, 55th Weather Reconnaissance Squadron, has been named Airman of the Month at the 55th and was also selected as serviceman of the Month for Sacramento County.

An aircraft electronic navigation repairman, Airman Corsini hopes to obtain a commission through Air Force's Airman's Education Commissioning Program.

Misawa AB, Japan

A1C David A. Short, Detachment 13, 20th Weather Squadron was recently named detachment Airman of the Quarter for Jan. 1 through Mar. 31, 1969.

Promotions

The following named AWSmen have promoted to the grades indicated:

To Maj.
Gerald D. Boynton.
To MSgt.

Carol G. Brockman.
To SSgt.

William K. Hendley Jr., John R. Hughes Jr., Barry A. Stark and Charles A. Zirkle.
To Sgt.

Billi J. Bailey, Donald A. Brown, William H. Bryant Jr., Douglas N. Cain, Raymond Calandra, Milton A. Ellison, Phillip M. Emerson, John J. Herlmaier, James C. Lobeck, Gary J. O'Connell, Joseph W. Osborne, Stephen G. Tandy, David M. Wack and Roger L. West.



EIGHT BOY SCOUTS at Andersen AFB, Guam, have been selected to represent Guam at the annual Boy Scout Jamboree at Farragut State Park, Idaho, July 16 through 22. The scouts (from left) are Scoutmaster, MSgt. Warren C. Lawyer, a member of the 54th Weather Reconnaissance Squadron, William Stephens,

Brett Grafton, Rusty Bialas, Stan Bialas, Kemit Grafton, Robert Stephens, John Vernon and John Harmon. The Governor of Guam, Manuel F. L. Guerrero, recently presented them with an ambassador - at - large certificate and a large Guam flag which will be displayed at the Scout encampment.

SPORTS

FRONT

By Sgt. Jesse L. Frey

Hole-in-one

After playing golf for 30 years, Lt. Col. Jean O. DeBellefeuille, 4th Weather Wing, Ent AFB, Colo., made his first hole-in-one. Chief, Current Operations and Training Branch, Colonel DeBellefeuille's shot never touched the green! The once in a lifetime shot was accomplished with a five iron—the distance was 160 yards. So the next time you're at the Patty Jewett Golf Course, Colorado, Springs, be sure to use the five iron on number six!

Ohio boys win national honors

Tim and Randy Lord, sons of Maj. R. E. Lord, Air Force Institute of Technology, Wright Patterson AFB, Ohio, have won recognition in the National Pass, Shoot and Dribble contest at the University of Dayton.

Tim, 10, took first place in the national competition in his age group. He earned the trip to Dayton by defeating 40 other 10-year-olds at the local playoffs.

Randy, nine, was fifth nationally in his age group, winning his berth in the finals with victories over 30 boys in the local competition.

More than 4,500 boys registered in the competition which began with 31 preliminary contests at local levels.

Each contestant threw four passes at an 18 inch target from 20 feet, five free throws from designated distances and a dribble and lay-up exercise to score as many baskets as possible in 20 seconds.

Roll-off held at 2nd Weather Wing

Bowlers at 2nd Weather Wing, Wiesbaden AB, Germany, recently capped the 1968-69 season with a roll-off between the two top teams in the wing's league.

The Untouchables, first half winners, lost a close contest for the championship to the Pushovers who were second half leaders.

The Pushovers had a three-game series total of 2940 with handicap and the Untouchables ended with 2827.

The Pushovers averaged 199 per man in the first game and well over 200 with handicaps. High series was bowled by SSgt. Mike Quinn, 588. Quinn also won high game with 246. SMSgt. Dewey Vaughn was second with a 573 series and SSgt. Chuck Tuttle had the second best game of the day with a 233.

AWS/7th Wea. Wg. win volleyball title

The combined Air Weather Service-7th Weather Wing volleyball team recently breezed through the Scott AFB end-of-season volleyball tournament without a loss.

After finishing the regular season in first place with a 14-1 log, the AWSmen outscored their final playoff opponents 69-57 in five games to capture the first place trophy.

Coached by Ray Crockett, team members were: Jim Long, James Hodgson, Francis House, John Slaughter, Mike Schwitters, Steve Fischer, Bob Beck, Robert Bagwell, John Haneklau and Bill Stanfield.



THIS IS THE WORST MONSOON SEASON I'VE EVER SEEN.

Observer jumps from planes for sport

FT. BENNING, Ga.—Parachuting for sport is one of the nation's fastest growing sports. Growing right along with it is A1C Charles H. Butler, a weather observer at Detachment 10, 16th Weather Squadron.

Butler has been jumping regularly for over six months and has accumulated more than an hour of freefall time. He is a member of the Ft. Benning Sport Parachute Club and soars through the air six to eight times every weekend under the tutelage of Army SSgt. Johnny Abraham, who has logged over 1,700 jumps.

Airman Butler recently won first place in the novice division at Ft. Benning's annual Invitational Interservice Parachute Meet. He competed with 24 other jumpers representing Army, Navy and Air Force installations throughout the eastern United States. Of seven jumpers from Ft. Benning, the Army's Parachute School, Butler was the only entrant to take a first.

Sport parachuting requires that jumpers exit the aircraft from 3,000 feet and control the parachute during descent so as to come as close as possible to a six-centimeter disc placed in the center of the landing zone. The jumper must assess the effects of temperature, altitude and winds when he takes aim on the target.

Competition is so keen that landings outside a five-meter circle are rarely measured. Butler hit inside three meters on all

four jumps in capturing his victory.

There are many different types of chutes, but one of the most commonly used is the Para Commander. This chute has a possible forward speed of 15 miles per hour and can be quickly slowed to zero. It can make a 360-degree turn in three to five seconds.

Son of a retired Strategic Air Command pilot, Butler said

that sports parachuting is one of the very few sports in which a participant is able to feel a sense of accomplishment beginning with the first jump.

He also mentioned that flying through the air with a chute is statistically one of the safer sports.

Butler will attend the Army Jump School as part of his special military weather training.



AS THE AIRCRAFT approaches 3,000 feet, A1C Charles H. Butler, a weather observer at Detachment 10, 16th Weather Squadron, Ft. Benning, Ga. prepares to leap. Butler, a member of the Ft. Benning Sport Parachute Club, will soon be entering the Ft. Benning Army Parachute School as part of his job with AWS combat weather teams.

Bowlers compete at Ramstein AB

Ramstein AB, Germany -- The 2nd Weather Wing's annual Bowling Tournament was recently completed here. Three events were included in the competition—singles, doubles and team. Singles and doubles were open to everyone while the team event was composed of one five-man team from wing and three five-man teams from three wing squadrons.

SMSgt. Sam Parish, 7th Weather Squadron, won the singles with a 589, while CWO Michael Simpson and SSgt. William Henry both of 2nd Wea. Wg. placed

second scoring 575 each.

Doubles were won by SSgt. Michael Quinn and Sgt. Tom Madden of Det. 26, 31st Wea. Sq. recording 569 and 548 respectively.

Taking team honors was the 31st Wea. Sq. with a total of 2717 pins. Team members included: MSgt. Louis Schunk, TSgt. Stillman Slason, Staff Sergeants Harley Susdahl, Michael Quinn and Elvin Propps.

ThunderBumpers finish strong sixth

LANGLEY AFB, Va. -- The "Thunder Bumpers," 5th Weather Wing's bowling team, recently finished sixth in an area bowling tournament.

Not much of an accomplishment you say? Well, the "Thunder Bumpers" were competing with 105 teams in the 18th annual Hampton Roads Association Tournament.

Team members were: Lt. Col. William A. Beczkalo, Capt. Gordon S. Jones, CWO Edward J. Tomcheck, TSgt. Joseph R. Stewart Jr., and SSgt. John P. Turner.

Sergeant Turner won the tourney's scratch singles crown with a 641 and also rolled a 267 in the doubles which was high scratch game of the tourney.

Sergeant makes tourney finals

WRIGHT PATTERSON AFB, Ohio -- TSgt. William R. Hubbard, Operating Location 4, 6th Weather Wing, recently competed in the base badminton tournament and was named as one of the four players to represent the base in the Air Force Logistics Command matches at McClellan AFB, Calif.

At command level, Sergeant Hubbard was runner-up in the singles and second in the doubles, earning a trip to the Air Force competition at Kirtland AFB, N. M. He was ousted in the second round of the Air Force singles competition.

CHAMPIONSHIP FORM is displayed by A1C Ray Barnes, Detachment 12, 3rd Weather Squadron, as he completes the first 300 game for himself and for Seymour Johnson AFB, N. C. Barnes finished the series with a 200 and 193 for a total of 760 pins, including handicap, as he breezed to victory in the Bowling Association's singles tourney.

Reconmen second

MCCLELLAN AFB, Calif. -- The 55th Weather Reconnaissance Squadron finished the basketball season in second place in the American division of the base intramurals league.

Sgt. Ron Baronoski, team captain, was awarded the second place trophy by Base Commander Col. Richard J. White.