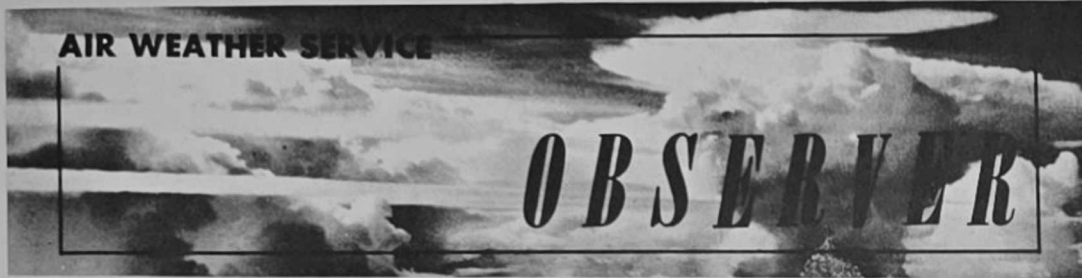


AWS Seeds Hurricane Ginger



In the Nation's Service

Vol. 18, No. 9

Headquarters, Air Weather Service, Scott AFB, Illinois

September 1971

Autumn leaves: a burning question



AWS FORECASTS of air pollution potential are relied on by Fort Stewart, Ga., civil engineers to time their burning of forest undergrowth. Capt. Robert E. Vangilder Jr., Detachment 19, 16th Weather Squadron, left, confers with Clyde Morgan of Ft. Stewart's forestry division. Detachment 19's

applied air-pollution control functions help to minimize smoke pollution from the some 80,000 acres from which undergrowth must be burned annually by US Army officials. (U.S. Army photo by SSG Jack Gregory)

155th Flight takes ANG's top award

MEMPHIS, TENN. — Maj. Gen. I. G. Brown, director of the Air National Guard, announced recently that AWS's 155th Weather Flight, Tennessee ANG, won the ANG Distinguished CEM Unit Plaque as ANG's Most Outstanding Weather Flight. The 155th competed with other ANG units in the fields of communications, electronics and meteorology to take the CEM honors.

In a letter to Lt. Col. Joe G. Walker, commander of the 155th, Maj. Gen. William C. Smith, Tennessee Adjutant General, said, "The professionalism and support of your unit has played a vital part in the remarkable accomplishments of the 164th Military Airlift Group and puts into practice a fine example of the teamwork and dedication so necessary for a one-force concept."

He stated further, "This recognition of your unit is very timely in that all too often laurels are placed upon the flying squadrons at the expense of the support organizations. As a former squadron, group and wing commander, let me assure you that I have always been aware of the tremendous contribution through professionalism and dedication that is made by units such as yours."

The plaque will be presented this month during ceremonies at the Guard conference in Hawaii.

Maintenance awards announced



A1C Graef



CMSgt. Cockrell



TSgt. Brooks

SCOTT AFB, Ill. — Four airmen and two organizations of AWS have won MAC aircraft, vehicle and special maintenance awards for FY-71. Brig. Gen. Arthur W. Cruikshank, Jr., MAC Materiel DCS, said "All individual and unit winners can be proud of their selection. The professionalism, esprit de corps and high caliber of performance of all concerned contributed significantly to accomplishment of the MAC mission."

Plaques and letters will be forwarded to the winners. Awards will be presented at the next

MAC Commanders Conference, to be announced later.

A1C David Graef, Det. 35, 7th WWg., Kelly AFB, Tex., was selected as MAC Maintenance Airman of the Year, and also as Maintenance Airman of the Year in the Specialized Maintenance category.

CMSgt. C. A. Cockrell 3d, 54th WRS, Andersen AFB, Guam, was selected Maintenance NCO of the Year in the AWS category for aircraft maintenance.

TSgt. Frederick W. Brooks, 1st WGP., Tan Son Nhut AB, RVN, was selected Maintenance

RAMEY AFB, P. R. — This month for the first time in Project Stormfury history, an AWS aircraft and crew performed actual experimental seeding of a hurricane.

On September 26, a specially equipped Lockheed WC-130 Hercules, piloted by Capt. Gary W. Gates of the 53rd Weather Reconnaissance Squadron, seeded Hurricane Ginger some 250 miles southwest of Bermuda.

Flying round robin from Ramey, the AWS WC-130 expended a total of 46 silver-iodide flares in two separate seedings two hours apart in rainbands 70 to 100 miles from Ginger's eye.

The hurricane was also monitored by 15 other aircraft from Stormfury participants, National Oceanic and Atmospheric Administration, US Navy and US Air Force, including a WC-135 from the 55th WRS, two RB-57Fs

from the 58th WRS and a second and third WC-130s from the 53rd WRS. All USAF aircraft in Stormfury are from AWS's 9th Weather Reconnaissance Wing.

Stormfury officials report that satellite pictures were taken of the storm by National Aeronautics and Space Administration's ATS-3.

Dr. R. Cecil Gentry, Stormfury's director, said, "Observations made today revealed that there were changes in the clouds seeded and in the cloud structure of the storm."

With Captain Gates, the WC-130's aircraft commander, aboard the historic weather flight were 1st Lt. Raymond Stricklen, copilot, Capt. James E. Woodward, navigator, Capt. Rodney G. Davis, aerial reconnaissance weather officer, TSgt. Richard Sharp, flight engineer, and TSgt. James G. Kelly, weather observer, all crewmembers.

1st Lt. Robert I. Sax, weather-modification expert from AWS headquarters, also accompanied the flight, as did Dr. Harry F. Hawkins, Jr., Stormfury's alternate director, and Dr. Sheldon D. Elliott, Jr., pyrotechnics expert from China Lake (Calif.) Naval Weapons Laboratory.

Project Stormfury is a joint Department of Commerce-Department of Defense program designed to do research on and investigate means of modifying hurricanes.

NCO graduates join select group, new study shows

Hq. AWS—Twenty AWS non-commissioned officers have joined the ranks of noncommissioned officer graduates, by finishing the five-week course at the MAC NCO Academy (Course 73-2), Norton AFB, Calif., this month.

According to MAC News Service, CMSgt. Robert G. White, chief of MAC's School Section, has come up with some startling computer statistics on promotion possibilities for NCO Academy graduates compared to those who hadn't attended an academy.

The computer showed that in the E-8 and E-7 promotion cycles a graduate's chance for promotion was nearly double that of the non-graduate.

A breakdown of the top three grades showed that, in fiscal year 1971, 68.8 per cent of MAC's eligibles for promotion to E-9 were academy grads. Of the total number promoted, 76.4 per cent had attended an academy. Of the eligibles to E-8, 37.1 per cent were grads; but 61.6 per cent of the total promoted were graduates. Eleven and one-half per cent of all E-6s eligible for promotion to E-7 were academy graduates. Twenty-five and one-half per cent of the total promoted to E-7 had attended an NCO academy.

Chief White said graduates he talked with agreed that attending an academy helped them get that next stripe. "They said instruction received in supervision and management, which are any acad-

(continued on page 2)



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BRIG. GEN. WILLIAM H. BEST Jr.
Commander, Air Weather Service

LT. COL. WILLIAM H. QUELCH Jr., Director of Information

MR. JOHN D. RUGG, Executive Editor

MSGT. ED BURCHILL, Associate Editor

Awareness is our aim

We received a telephone call this month of the sort which gladdens the heart of any editor—a reader called to register a complaint about an item in the August issue. Which means he looked at it, and reacted to it.

Item in question was the page-two picture editorial of a motorcycle, captioned "Death Rode Along . . . and an AWS member died." Our caller felt that the Observer's use of the photo implied an unjust indictment of all riders of two-wheelers.

Not so, we told him. The intent of such picture editorials—and we have run five of wrecked automobiles in past issues—is to point out to our AWS readers that AWS members are not immune to death or injury by vehicle.

Hopefully, the warning will result in some of our readers being hale and hearty longer than might otherwise have been the case.

That our cause is just is underlined by National Safety Council statistics for 1970. Fatalities in all motor vehicle accidents have risen in 10 of the past 12 years. One of the exceptions was 1970, in which motor-vehicle deaths over-all dropped 2.1 per cent.

Motorcycle deaths last year, however, increased 19 per cent.

One final comparison—over-all death rates from motor vehicles (including pedestrians) in 1970 were 4.9 per 100,000,000 miles traveled. By sharp contrast, the motorcycle-rider rate for the same mileage was 23 deaths, nearly five times as great.

A word . . . or a picture . . . to the wise? (JDR)



MAKING HIS DAILY inspection of the AN GMQ-13 rotating beam ceilometer is AWS maintenance man Sgt. Charles Henning of Detachment 2, 3rd Weather Wing while a C-135 aircraft lands at Offutt AFB, Neb. (U. S. Air Force Photo)

Weather is a family affair at Forbes AFB

FORBES AFB, Kan.—When most couples settle down for a quiet evening after dinner, the conversation frequently involves discussing the weather. Mikel and Judy Cohick are no exceptions. However, rather than just a few passing remarks, theirs gets down to such technical terms as cyclostrophic winds, isallobaric gradient, or the position of an altocumulus-standing-lenticular cloud.

Both Major Mikel Cohick and his wife, Reserve 1st Lieutenant Judy Cohick are meteorologists assigned to Det. 35, 25th WSq., at Forbes AFB, Kansas. Major Cohick is a career officer and weather forecaster at Forbes and Lieutenant Cohick is a reserve officer fulfilling limited active duty requirements there.

They met and were married at High Wycombe AFB, England in 1969 while Judy was on extended active duty as a Captain. For a period of time they both worked together in the same office and held the same rank.

Were there any difficulties?

"Well, yes," Judy replied, "Incoming phone calls for Capt. Cohick were usually routed to the wrong person. However, this was resolved when word got around to ask for Mr. or Mrs. Captain Cohick."

Is there any professional competition between you?

"Not really," said Major Cohick, "Just the good natured ribbing I get when I blow a forecast."

Since Lieutenant Cohick plans to continue her reserve status, the forecasting team will probably continue for a long time.

Awardees

(continued from page 1)

emy's strengths, helped most in the promotion fitness exam. All agreed that getting to the top without academy training is possible, but very hard to do."

Attending the academy were MSgt. John W. Gault, 2nd WWg., MSgt. Kenneth P. Hartless, 5th WWg., MSgt. Perry Keene, 56th WRSq., MSgt. Irvine D. Kilpatrick, Det. 40, 2nd WWg., MSgt. Jay F. Mavity, 3rd WWg., MSgt. William D. Van Wyhe, Hq. AWS, MSgt. Elmer C. Weir, Det. 1, 20th WSq.

Also TSgt. Charles W. Anderson, AFGWC, TSgt. Gilbert D. Barton, 17th WSq., TSgt. James J. Bedore, Det. 1, 17th WSq., TSgt. Dennis G. Downing, Det. 6, 26th WSq., TSgt. Lloyd W. Mitchell Jr., 54th WRSq., TSgt. Charles W. Neumann, 20th WSq., TSgt. Ronald L. Snider, 55th WRSq., TSgt. Jack J. Urbilha, Det. 8, 4th WWg., TSgt. Andrew V. Wilder, Det. 35, 3rd WSq.

Also SSgt. Paul F. Clemens, ETAC, SSgt. David A. Fortier, Det. 27, 4th WWg., SSgt. Harold L. Muilenburg, 58th WRSq. and SSgt. Randolph C. Murphy, 6th WWg.

Gaining Distinguished Student status was MSgt. Elmer C. Weir of Det. 1, 20th WSq., Fuchu AS, Japan.



METEOROLOGISTS Judy and Mikel Cohick ponder over the latest surface weather chart prior to making a forecast for Forbes AFB, Kansas. (U.S. Air Force Photo)

Cycle vs. car no contest

FACTS: Car traveling north, stopped for stop sign prior to intended right turn. Began turn. Struck by east-bound motorcycle in its own lane.

INJURIES: Cyclist fractured skull, sustained brain damage. Still in coma, not expected to regain consciousness.

FACTS: Car traveling west, intending to make left turn at intersection. Driver saw east-bound motorcycle, but assumed sufficient time to make turn. Signaled, started turn, struck by motorcycle in its own lane.

INJURIES: Cyclist fractured femur (thighbone) and skull, sustained cerebral damage. Has no speech, little use of right arm. Not employable.

FACTS: Car south bound, attempting left turn into private driveway. Struck on left front by oncoming motorcycle in its own lane.

INJURIES: Cyclist fractured left tibia and fibula (leg bones) eight inches above ankle, requiring bone graft, shattered left knee, requiring removal of knee cap.

FACTS: Car coming off stop sign from shopping center, crossing four-lane highway to turn left. Struck broadside by motorcycle in its own lane.

INJURIES: Cyclist sustained multiple fractures upper and lower jaws, upper lip avulsed (torn away), all teeth lost, fractured wrist, both cheek bones, nose. Permanent facial injuries. (Reprinted by permission from Summer 1971 issue, AIDE Magazine, courtesy United Services Automobile Association, San Antonio, Tex.)

CMSgt. of 1st Wing

CMSgt.

WILLIAM L. LARSON

1st WEATHER WING.
HICKAM AFB, HAWAII.



HOMETOWN, McFARLAND, WISCONSIN

A 24 YEAR VETERAN, HE HAS BEEN IN USAF WEATHER DUTIES SINCE HE COMPLETED BASIC TRAINING IN 1947.

OTHER DUTIES INCLUDE THAT OF WEATHER FORECASTER SUPERINTENDENT.

PROFESSIONAL MEMBER OF AMERICAN METEOROLOGICAL SOCIETY AND PAST CHAIRMAN OF EAST CENTRAL ILLINOIS CHAPTER.

ACCUMULATED 120 SEMESTER HOURS OF CREDIT FROM SEVEN DIFFERENT COLLEGES.

BY THOMAS M. BOLKOVAC



AWS "AIRMAN OF THE YEAR" 1964.
CHANUTE AFB "AIRMAN OF THE YEAR" 1968.
ACTIVE IN BOY SCOUTING AND ENJOYS BOWLING, GOLF, HUNTING AND FISHING.
MARRIED THE FORMER DOLORES SCHMIDT OF DETROIT AND HAS THREE SONS AND A DAUGHTER.

20 Majors selected for promotion to L/C

SCOTT AFB, Ill.—Fifty AWS officers will exchange gold oak leaves for silver ones during the coming year. First increment for lieutenant-colonel promotion includes numbers one through 479, effective Sept. 14. Other promotees will pin on new silver leaves in monthly increments to be released by USAF throughout the year.

Promoted were Majors Jay C. Arthur, James T. Bailey, Dean D. Bartlett, Gordon A. Beals, John W. Black, Billie F. Boyd, Eugene B. Brock, William H. Burger, Robert N. Clarke, Ralph W. Collins, Richard K. Dutton, Donald L. Evitt, Boyd E. Founds, Lawrence R. French, Eugene O. Godman, Eugene T. Gray, Duane

M. Griesbach, Thomas L. Gross, Jay G. Hale, Eugene S. Harsh, Gale L. Haskins and Charles E. Hill.

Also William R. I. Jeffries, Robert E. Julina, George W. King, Charles D. Leonard, Lynn J. Long Jr., Paul A. Magnant, James C. Marshall, Joe B. Marshall Jr., Takeo Maruyama, Don S. Packnett, Margaret J. Perry, Norman R. Phares, Daniel D. Powell, Edward M. Quinlan, William Rothlisberger, John F. Ryan, David H. Shaw, Joseph K. Sleater Jr., James S. Smith, Charles M. Teed, M. H. Von Vernon, Billie H. Watson, James R. Watson, James R. Wright, Thomas W. Flattery, David C. Gurkin Jr., Lynn L. Leblanc and John F. Pohle.

Drug Abuse center opens at Lackland

WASHINGTON (AFNS)—Air Force has stepped up its drug abuse rehabilitation program with newly designated facilities at Lackland AFB, Tex.

Aimed principally at personnel serving in Southeast Asia tours initially, urinalysis testing of Air Force members is being conducted by the Army at Long Binh and Cam Ranh Bay, Vietnam. Testing normally is scheduled three weeks before the airman is scheduled to return to the United States.

Members detected as drug users will undergo detoxification, a "drying out" process which separates the man from a physical dependence on drugs, at Cam Ranh Bay AB for five to seven days. Patients will be airlifted to Lackland AFB via medical evacuation aircraft.

Psychiatric and neurological evaluation will determine the appropriate treatment or disposition for each individual. This treatment is expected to average about 21 days.

During this phase of the Air Force program the individual is evaluated by a psychiatrist, clinical psychologist and social worker in an inpatient drug-free environment. If the individual is determined to be in need of no further treatment, he will be returned to normal activities.

Those requiring additional treatment will normally follow one of two routes. If motivated to return to regular duty and he meets Air Force standards, the member could be referred to the next phase of rehabilitation, behavioral reorientation training.

Should the patient be determined to have severe characterological disturbance and desires rehabilitation outside the Air Force, he could be referred to a Veterans Administration facility or a clinical research center operated by the National Institute of Mental Health after separation from the Air Force.

Air Force's behavioral reorientation is a nonmedical approach,

using the rehabilitation team concept. Instruction will be given in a relatively unstructured manner stressing group interaction and discussion. Self pacing will be provided where practicable. Average time for this phase is estimated to be 56 days.

The fifth and final phase of the Air Force program, the base social action office, is considered the most critical action, a spokesman said. Its function is to facilitate and monitor the reentry of the patients into normal military life and provide feedback to other phase managers with an analysis of the program.

The ultimate goal of the fifth phase, according to the spokesman, is to remove the necessity for any of the other elements of the Air Force drug abuse rehabilitation programs.

At the end of or during any of the first four phases of the Air Force program, authorities may determine that further medical or behavioral reorientation is unnecessary and the member will be returned to regular duty.

The member will be assigned only to those bases with social action programs and be deferred from further reassignment for 12 months. At the end of this time the airman will either be made available for worldwide assignment or be separated from the Air Force.

Income Tax data

WASHINGTON (AFPS)—Some service people may find the Federal tax withheld from their wages will not cover their income tax liability due to a new law changing the withholding system.

An unexpected big balance of taxes due at the end of the year could primarily affect big single wage earners, those who "moonlight" or those families where the wife works. Those who feel they are in these categories should contact their local legal office for further information.

The Observer regretfully reports the deaths of the following Air Weather Service people:

Sgt. Gordon E. Myers, Det. 36, 25th WSq., Aug. 27, from a fall while climbing in the Sawtooth Mountains of Idaho.

SSgt. Cameron L. Green, Det. 28, 25th WSq., Sept. 5, at Brooks General Hospital, San Antonio, Tex., from burns suffered in a home accident.

TSgt. Harold Riley, 55th WRS, McClellan AFB, Calif., died while at home from gunshot wound by an unknown assailant, Sept. 27.

New CMSgt. takes over October 1

WASHINGTON (AFNS)—Chief Master Sergeant Richard D. Kisling, 47, senior airman advisor for Air Force Security Service at Kelly AFB, Tex., for the past two years has been named to succeed Chief Master Sergeant of the Air Force Donald L. Harlow, effective Oct. 1.

Sergeant Kisling, with more than 26 years' military service, will be the third man to serve as advisor to the Air Force Chief of Staff and Secretary of the Air Force. Normal term of service is two years with not more than one extension at the pleasure of the Chief of Staff.

Sergeant Kisling was chosen from 23 nominees submitted by major commands and separate operating agencies. Records of more than 2,000 chief master sergeants, each with a minimum 22 years' active service and two years in grade were considered for the Air Force's top enlisted position.

Sergeant Harlow has held the position since Aug. 1, 1969, succeeding CMSAF Paul A. Airey, first to hold the job. Sergeant Harlow is retiring from active duty.

Sergeant Kisling joined Security Service in 1963 as a personnel sergeant major for the command's European Security Region, Frankfurt, Germany. He came to Kelly AFB in 1967 serving first with the Programs and Requirements Division.

Sergeant and Mrs. Kisling, the former Alene O'Dell have two children; Kathy, 18; and Karen, 17.

Five win awards at McClellan AFB

McCLELLAN AFB, Calif.—Five navigators representing the five squadrons of the 9th Weather Reconnaissance Wing were recently selected to be the first recipients of the wing's Outstanding Airborne Weather Reconnaissance Navigator Award.

The semi-annual award, created last year, recognizes superior performance by a navigator during a six month period beginning July 1 and Jan. 1.

The outstanding navigators are: Capt. James R. Spenrath of the 53rd WRSq.; Maj. James S. Smith of the 54th WRSq.; Capt. Robert A. Nobbs with the 55th WRSq.; Capt. Donald L. Robb Jr. with the 56th WRSq.; and Capt. Robert U. Roberts of the 58th WRSq.



GETTING THE FORECAST, Sgt. Teresa Sperry, weather observer, receives information from the weather forecaster located in base operations at McCoy AFB, Fla. Sergeant Sperry works in the record observation section of Detachment 5, 26th Weather Squadron.

4th Wea. Wg. meteorologist receives wing, ADC awards

ENT AFB, Colo.—Mr. Joe S. Restivo, a meteorologist with the 4th Weather Wing here, was recently honored with two awards. He was presented with a 4th Weather Wing plaque in recognition of his outstanding contributions in the field of climatology by Col. Elwyn A. Moseley, wing vice commander.

The second award was an Aerospace Defense Command's Certificate of Recognition for his outstanding job performance as a meteorologist during 1970-71. The certificate was presented by Col. Lewis J. Neyland, wing commander.

Restivo received the plaque for his contributions in developing a statistical technique of classifying historical weather maps into similar patterns, or map types, and using these map types to develop improved forecasting aids. It was demonstrated that new forecasting aids based on types would greatly enhance weather predictions. A method of forecasting heavy snowfall for Colorado Springs was developed from these techniques. The newly developed techniques have recently been accepted as having wide practical applications within Air Weather Service.

Restivo was honored in 1968 by Air Weather Service when he became the first civilian to receive the prized Zimmerman

Award for the best application of climatology.

He is currently Chief of the Scientific Services Branch, Aerospace Sciences Division.

Capt. F. M. Cullen is safety winner

TACHIKAWA AB, Japan—Capt. Frederic M. Cullen of Det. 52, 20th WSq., Tachikawa AB, has been honored with the Military Airlift Command's Outstanding Individual Safety Award.

Captain Cullen is an additional-duty safety officer for the detachment. The detachment performs a large part of the maintenance on weather equipment operated by units of the 1st Weather Wing in the Pacific.

In a letter of congratulations, Col. Hubert E. Harvey, 1st Wing commander, said: "I am familiar with the hazards and extraordinary accident prevention challenges faced by Captain Cullen and personnel of Det. 52, 20th WSq. Their accident-free record, and commendable reports from the Air Weather Service inspector general and 1st Wing safety office, reflect credit on the entire unit and constitute an outstanding example of what can be accomplished through positive emphasis on safety."

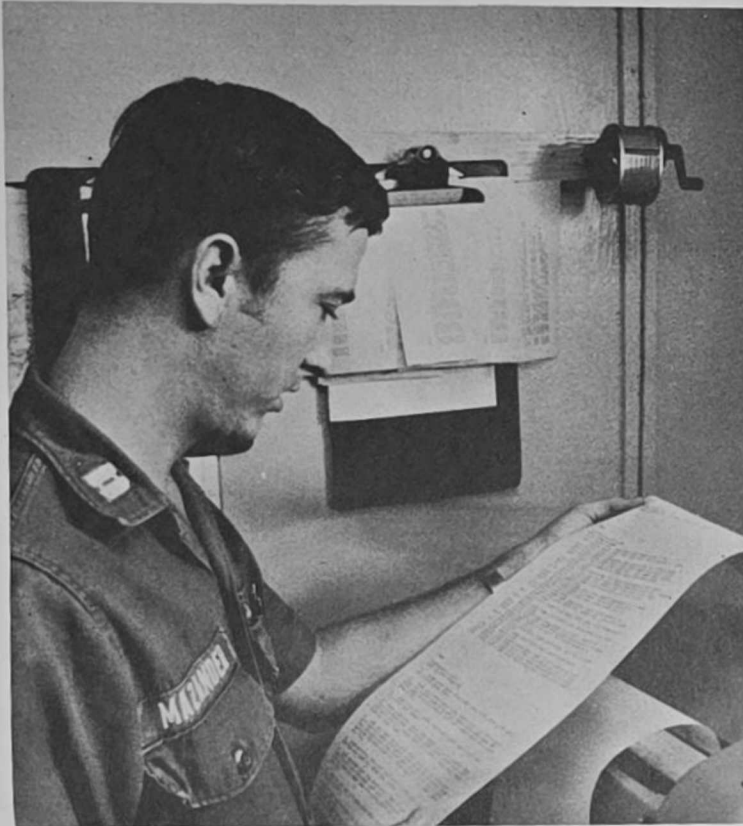
The award was presented by Col. Robert M. Pfeiffer, 20th Weather Squadron commander, at a recent ceremony.

The many faces of weathermen

Supporting SEA operations

By SSgt. Dave Husband

USAF Photos by Sgt. Gary J. Modick



TELETYPE DATA, incoming to a new weather briefing facility at Cam Ranh Bay Air Base, is reviewed by USAF Capt. James L. Mazander, chief forecaster for Detachment 18, 30th Weather Squadron. Cam Ranh Bay's new west-side facility supplements the huge SEA base's east-side weather station, providing closer personal AWS service for reconnaissance, rescue and airlift pilots operating from the base's west end. (U.S. Air Force photo by SMS Daryl Shepherd)

TAN SON NHUT AB, Republic of Vietnam (7AF) — Weather prediction has come a long way since the days when seafarers would say "Red sky at night — sailor's delight; red sky at morning — sailors take warning." And it's a good thing it has.

When a muddy road can halt a troop movement, or low clouds eliminate air support, precise and accurate weather forecasts are a must.

Given the responsibility in predicting what mother nature will do throughout Southeast Asia (SEA) is the 1st Weather Group headquartered at Tan Son Nhut.

Working under the title of Southeast Asia Joint Operational Weather Center (SEAWECEN), men of the group collect, evaluate and disseminate weather information for both the U. S. Air Force and U. S. Army in SEA.

It's the center's job to keep the entire weather map, from Communist China's border to the southern parts of the Republic of Vietnam, up-to-date, and to let everyone concerned know just what the situation is at all times.

As Col. Mortimer F. Bennet, commander of the 1st Weather Group, explains it, "We're in the business of saving money. We try to predict what the weather will be like in a certain area, thus preventing the waste of gas, material and time on aircraft strikes that are turned back due to bad weather. 'Preventive damage' is another one of our goals, since we try to forewarn an area of an impending storm, and to give them time to prepare for it."

Weather information comes to SEAWECEN from a variety of sources. Its main source is the group's 38 individual weather units scattered throughout the Republic of Vietnam and Thailand. Each of these units, ranging from small observation posts to 25- or 30-men base weather stations, has numerous responsibilities. These include an updated local weather forecast every six hours, keeping SEAWECEN informed of local weather conditions, forecasting, collecting weather data and releasing weather warnings.

A second source, one of the biggest aids in weather forecasting in recent years, is the National Weather Satellite System. Possessing the only satellite receiving station in the Republic of Vietnam, located at Tan Son Nhut AB, SEAWECEN uses the chain of earth-orbiting spheres to obtain an overall picture of

(continued on page 5)



STORM PROTECTION radar at Ton Son Nhut gives advance warning of weather conditions moving into any specified area. USAF Sgt. David A. Calvin, 1st Weather Group, is responsible for taking official radar verifications from the storm radar.



WEATHER RADAR qualities at Ton Son Nhut AB are discussed by 1st Weather Group's USAF TSgt. Douglas E. McWilliams and USAF SSgt. Frederick D. Maxwell.



TOP SHAPE for all weather equipment at all times is essential. USAF Sgt. John G. McKibben, 1st Group maintenance technician, here runs a check on the storm protection radar.



PLOTTING WEATHER conditions for a forthcoming report are VNAF Sgt. Nguyen Hong Quan (left) and VNAF Amn. Mai Hong Hiep. Sergeant Quan and Airman Hiep are attached to AWS's 1st Weather Group at Ton Son Nhut AB and have been trained in many aspects of forecasting by their AWS counterparts.



WIND SPEED and direction data is continuously provided by this wind-observing instrument being calibrated by VNAF TSgt. Nguyen Dinh Oanh.

The instrument enables AWS's 1st Weather Group to provide vital information to SEA pilots.



EN-ROUTE FORECAST under 1st Group's pilot-to-forecaster service from Ton Son Nhut is provided, ground-to-air, by USAF TSgt. Thomas T. Sinclair.

weather conditions in the SEA area.

Other information comes from weather balloons, and civilian weather bureaus, including, surprisingly, bureaus in Communist China.

In addition to these, the 10th Weather Squadron at Udorn RTAFB, Thailand, controls three radar stations whose main job is to provide information on the amount of rainfall in certain areas of SEA.

"Specifically, we're interested in how much rain falls on the Ho Chi Minh Trail," noted Lt. Col. Joe O'Neal, commander of SEA-WECEN, "If we find, through our radar calculations, that a great deal of rain has fallen along a certain section of the trail, then there's little worry that there will be much truck movement because of the mud," he continued.

But the weather group is far from committed solely to the predicting of weather. Someday in the future, the Republic of Vietnam Air Force (VNAF) will have to do their own weather observing, predicting and equipment maintenance.

Because of this, a training program was established in 1965 to train VNAF personnel as either observers, forecasters or mechanics. The program, originally started at Chanute AFB, Ill., was moved to Tan Son Nhut AB in November 1969. Since the move, over 160 VNAF trainees have completed one of the three courses.

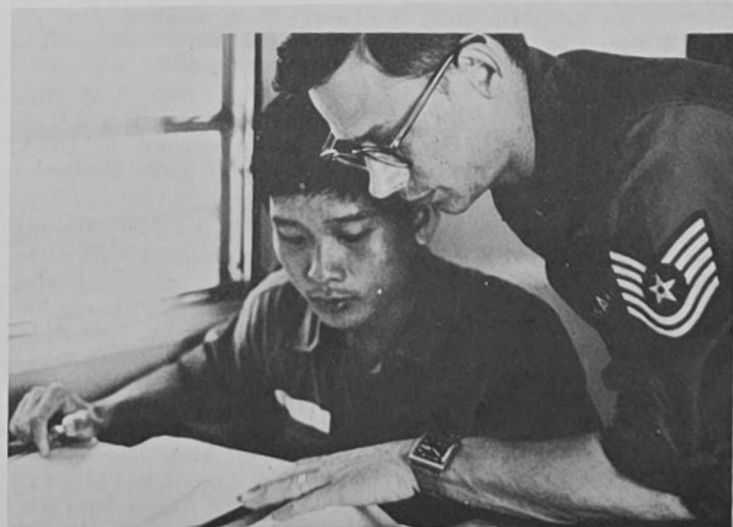
Presently there are four Air Force instructors in the Vietnamese Staff Advisory Team, two officers and two noncommissioned officers. It is planned that next year the present trainees and some of those who have already

graduated will become instructors, and the whole operation will be able to be turned over to the VNAF.

VNAF personnel have already either taken over or assist in manning seven weather stations within SEA, including one at Tan Son Nhut AB. They handle forecasts and brief pilots on flight conditions, performing exactly as their U. S. Air Force counterparts who run the base weather station.

Weather forecasting is not the business it was ten years ago, and most likely won't be the same in another ten years. Besides instructing others, today's 1st Weather Group meteorologist, due to a virtual stockpile of information at arm's reach, is able to predict a week in advance the weather at any place in SEA, an innovation developed for the U. S. Army.

Yes, it seems the days of getting caught out in the rain are becoming fewer and fewer.



TEXTBOOK REVIEW is carried out with a Republic of Vietnam Air Force student at Ton Son Nhut by USAF TSgt. Buster G. Andrews. Andrews is one of four 1st Weather Group instructors, each proficient in the Vietnamese language, who teach VNAF students many aspects of weather forecasting, weather-equipment maintenance and radar interpretation.



ST. LOUIS SKYLINE is viewed by 2nd Lt. and Mrs. Ralph P. Brindley (left) and 2nd Lt. and Mrs. Marc E. Cotnoir from their apartment building on the St. Louis University campus. The young officers were spending their first year of active duty studying basic meteorology as a first step to becoming fully qualified weather officers. (U.S. Air Force Photo)

Young AWS officers attend various schools

SCOTT AFB, Ill. — Each year some 50 young officers spend their first year on active duty at one of eight civilian universities, studying basic meteorology to become qualified AWS weather officers. In this basic program, students usually complete about 35 to 40 hours of work in meteorology and such related subjects as mathematics, physics and other sciences.

Two young officers, 2nd Lts. Marc E. Cotnoir and Ralph P. Brindley, recently completed their undergraduate work at St. Louis University. Currently, the other seven institutions conducting the basic meteorology program are North Carolina, Pennsylvania and San Jose (Calif.) State Universities, Texas A & M, and the Universities of Texas, Oklahoma and Utah.

Marc Cotnoir received his commission from the Air Force Academy where, as a physics major, he took several meteorology courses as electives. He listed

weather school as his first choice. He applied for and has been selected to remain at St. Louis University for graduate work.

Ralph Brindley participated in the AFROTC program (major source of AWS weather students) at the University of Missouri. While attending summer camp at Keesler AFB, Miss., he was given a tour through the base weather station and became interested in becoming a weather officer. Upon graduation and subsequent commissioning, he was selected to attend St. Louis University.

Third source of students for the basic meteorology program is USAF's Airman Education and Commissioning Program (AECIP). Airmen with at least 30 semester hours of college credit can apply for AECIP. Those selected enter one of the eight listed universities and are later sent to Officer Training School (OTS) to obtain an Air Force commission. Annual quotas for this meteorological program have varied

Letter contest deadline nears

WASHINGTON (AFPS) — Less than two months remain to submit letters for this year's Freedom Foundation Awards Program. The contest deadline is Nov. 1.

Theme for the 1971 Valley Forge Patriots Award contest is "What is an American?" Entries may be in letter, essay or poetry form.

Entries should be no less than 100, or more than 500 words in length. If letter style is used, the addressee may be any person or organization, real or imaginary. Writers must include their name, rank, serial number, branch of service, and complete unit address, as well as their permanent home state, address and zip code.

Address of the Freedoms Foundation is, Valley Forge, Pa. 19481.

from 11 to 50; this year's quota is 27.

Weather officers may be selected to return to the university environment for master or doctorate-level work after about two or three years of AWS duty. The graduate programs are sponsored by the Air Force Institute of Technology (AFIT) and offer specialization in meteorology, mathematics, computer science, astrophysics, and other related physical sciences.

In the graduate program, AWS officers may attend one of the schools mentioned or the following: Universities of Alaska, Arizona, Hawaii, Michigan, Chicago, Colorado, Washington and Wisconsin, Colorado State University, University of California at Los Angeles, Florida State University, Massachusetts Institute of Technology and New York University.

ON THE skew-T AWS Global Report

Highlights of Air Weather Service people at work and play

Yokota AB, Japan

Lt. Col. Gilbert N. Woods was presented a letter of appreciation for services and support provided to the Japan Air Self Defense Force during his tour of duty as commander of Det. 17, 20th WSq. Presentation was made by Lt. Col. Toshio Ide, Chief, Weather Branch, Operations Division, Hq. AAC and Weather Wing, JASDF.

Torrejon AB, Spain

SSgt. George A. Elbe, Det. 11, 2nd WWg., was selected for the CINC USAF Safety Award for Torrejon for the month of July. He also received a \$25 Savings Bond.

Sunnyvale AFS, Calif.

SSgt. John C. Ruffino, Det. 23, 1st WWg., was presented a \$95 cash award for his suggestion to relocate a satellite communications line for a significant reduction in costs and an improved satellite product while he was assigned to Det. 3, Hq. AWS.

Kadena AB, Okinawa

Mark and Steven Cleaver, sons of MSgt. and Mrs. Donald D. Cleaver, Det. 8, 20th WSq., attended the World-Wide Boy Scout Jamboree on the slopes of Mt. Fuji, Japan. Both boys are Eagle Scouts.

Fuchu AS, Japan

Detachment commanders of the 20th WSq. from Korea, Okinawa and Japan held a two-day meeting during August with the 20th WSq. staff here. Held annually, the session is to exchange weath-

er-forecasting methods among the units and to inform detcos of facilities and services by the staff to support the forecaster's mission. During the conference, Col. Robert M. Pfeiffer, squadron commander, presented the MAC First Place Outstanding Dayroom Award to Lt. Col. Robert J. Powers, of Det. 18, Yong San Reservation, Korea.

Keeps his cool milking a spider

NAKHON PHANOM RTAFB, Thailand — MSgt. Art Ketterling, Maintenance NCOIC of Det. 25 of the 10th Weather Squadron, recently milked a spider. No, he hasn't blown his cool — just a bit of Yankee ingenuity and years of experience coming into play.

The crosshairs in the eyepiece of the detachment's theodolite (instrument used in tracking weather balloons) needed replacing. Obtaining a new eyepiece would take several days or maybe weeks.

Instead Sergeant Ketterling went hunting for a suitable spider. He found one in a dark corner of the maintenance shed.

He said there are two ways to milk a spider. One is to take the spider and squeeze it lightly between your fingers and take the fresh web from it. The other way is to antagonize the spider until it drops a fresh web. Ketterling chose the latter.

When the angry spider dropped its web, Ketterling caught the fresh web with a forked stick, placed the web in the eyepiece of the theodolite, and cemented it into place.

The theodolite was then back in operation. The cost: A few minutes work and one slightly upset spider.

Sergeant Ketterling said a spider web, for its cross-section size, is one of the strongest strands one can find. Despite living in the space age, a simple product of nature — a spider web — can still be useful.

Aircrew lauded

SCOTT AFB, Ill. — In a personal message to Maj. Larry A. Granquist and his crew, General Jack J. Catton, MAC commander cited them for outstanding airmanship. General Catton's message reads, "My personal thanks for your outstanding display of airmanship during a local functional check flight. A severe fuel leak in the fuel dump manifold line, resulting in number-one shutdown, and precautionary shutdown of number two, left you with an extreme emergency. Crew coordination, use of proper procedures and a well-planned approach prevented possible injury to you and your crew and averted a possible major accident. I congratulate you for your professional performance."

Major Granquist and crew were flying a WC-130 of the 53rd WRS from Ramey AFB, P. R.

Births in AWS

JEWKES, SSgt. and Mrs. Leonard E., a son Eric Alan, Aug. 4, father assigned to Det. 2, 11th WSq., Eielson AFB, Alaska.

SEEBECK, SSgt. and Mrs. Maurice, a son, Maurice Clark, father assigned to AFGWC, Offutt AFB, Neb.

PRANGE, Sgt. and Mrs. James J., a daughter, Shannon Lynn, Aug. 5, father assigned to Det. 2, 11th WSq., Eielson AFB, Alaska.

ECKER, Sgt. and Mrs. Brian, a son, Marc Steven, Aug. 9, father assigned to Det. 12, 7th WSq., Wiesbaden, Germany.

HOULE, Sgt. and Mrs. Paul, a son, Todd Matthew, Aug. 10, father assigned to Det. 5, 1st WWg., Clark AB, Philippines.

MCGUINN, A1C and Mrs. William M., a son, Charles William Avery, Aug. 25, father assigned to Det. 30, 25th WSq., Luke AFB, Ariz.

DAMIANI, Capt. and Mrs. Aris E., a son, Brian William, Sept. 6, father assigned to Det. 5, 1st WWg., Clark AB, Philippines.

BOWSER, Capt. and Mrs. George F., a daughter, Aug. 29, father assigned to 6th WWg., Andrews AFB, Md.

KUNKEL, TSgt. and Mrs. Maurice D., a son, Keven Tavern, father assigned to OL-A, 10th WSq., Bangkok, Thailand.

JOHNSON, 1st Lt. and Mrs. Larry R., a daughter, Heather Lynn, father assigned to AFGWC.

JENNETTE, A1C and Mrs. William, a daughter, Stacy Michelle, father assigned to AFGWC.

RICE, TSgt. and Mrs. Thomas, a son, Kevin Patrick, Sept. 13, father assigned to Det. 1, 26th WSq., Castle AFB, Calif.

SANDS, Lt. Col. and Mrs. Earl E., a daughter, Allison, born Sept. 15, father assigned to Hq. 7th WWg., Scott AFB, Ill.

GRZINA, A1C and Mrs. Donald J., a son, Donald J. Jr., Sept. 1, father assigned to Det. 16, 16th WSq., OL-A, Fort Leonard Wood, Mo.

Det. 14's Production Line



ALL WEATHER DELIVERY — Mrs. James B. Freeman and Mrs. James Brittingham started it all when their sons were born the same day last October. After that, three other wives of men working in Hahn's Det. 14, 31st Weather Sq., gave birth to boys within a four month period. But Mrs. Steven Saelzler broke the all-male string when her daughter Elizabeth was born in May. But hold it, production has not yet stopped. Mrs. Steven Martin and Mrs. Charles Melson will soon be mothers, also. And it is yet to be seen if the remaining five wives of Det. 14 personnel contribute to the weather deliveries. Getting together for a nursery session are (l. to r) Mrs. James Freeman and Danny, Mrs. Melvin Mann and Robert, Mrs. Charles Melson, Mrs. Stuart Fasser and Eric, Mrs. Steven Martin, Mrs. James Brittingham and James, Mrs. Steven Saelzler, and Mrs. Michael Smith and Michael.

Awards and decorations

Legion of Merit

Col. John W. Collens, Hq. AWS.

Bronze Star

Lt. Col. Charles M. Dunn Jr., 1st WGP.
 Maj. Walter J. Czagas, Det. 37, 5th WSq.
 Maj. Serhij Pilipowski, Det. 14, 1st WGP.
 Capt. Kit G. Cottrell, Det. 14, 1st WGP.
 1st Lt. Robert F. Lapinski, OL E, 1st WGP.
 TSgt. Robert R. Kennedy, 10th WGP.
 MSgt. Anthony J. Berutti, Det. 30, 1st WGP.
 MSgt. James R. Goliwas, 5th WSq.
 MSgt. Arthur L. Ketterling, Det. 25, 10th WSq.
 TSgt. Bobbie L. Briggs, 1st WGP.
 TSgt. Freddie L. Sonnier, Det. 15, 10th WSq.
 TSgt. Jay C. Sumpter, Det. 14, 1st WGP.
 TSgt. Thurman H. Watson, Det. 11, 5th WSq.
 SSgt. James P. Radtke, Det. 37, 5th WSq.

Meritorious Service Medal

Lt. Col. Kurt G. Blunck, 31st WSq.
 Maj. Norman R. Phares, Hq. AWS.

Air Force

Commendation Medal

Lt. Col. Gordon C. Edgar, 4th WWg.
 Lt. Col. John Merritt, 2nd (2nd oak leaf cluster), 54th WRSq.
 Lt. Col. Norman F. Rauscher, (2nd oak leaf cluster), Hq. AWS.
 Maj. Billie F. Boyd, (2nd oak leaf cluster), 3rd WWg.
 Maj. James S. Brown Jr., (1st oak leaf cluster), Det. 20, 24th WSq.
 Maj. Willard A. Couch Jr., (2nd oak leaf cluster), 58th WRSq.
 Maj. Glenn L. Glassburn, ETAC.
 Maj. Robert H. Hedenberg, 9th WRWg.
 Maj. Charles E. Hill, (1st oak leaf cluster), Det. 4, 1st WWg.
 Maj. Michael R. Lane, 3rd WWg.
 Maj. Graham J. Schoemaker, 9th WRWg.
 Maj. Gordon L. Tucker, (1st oak leaf cluster), Det. 23, 1st WWg.
 Capt. Charles L. Allen, 10th WSq.
 Capt. Daniel K. Akaki, 55th WRSq.
 Capt. Edward L. Barger, Det. 8, 20th WSq.
 Capt. Joseph L. J. Borgatti, 53rd WRSq.
 Capt. Richard J. Brion, (1st oak leaf cluster), 54th WRSq.
 Capt. Jerry M. Christian, 54th WRSq.
 Capt. Jerry R. Doss, Det. 2, 11th WSq.
 Capt. Donnie C. Gibson, Det. 5, 5th WWg.
 Capt. Larry W. Harris, 54th WRSq.
 Capt. Floyd S. Herndon Jr., AFGWC.
 Capt. James A. Johnson, (1st oak leaf cluster), Det. 32, 3rd WSq.
 Capt. David M. Lueck, Det. 19, 9th WSq.
 Capt. Richard P. McElveen, OL-A, 28th WSq.
 Capt. Kenneth G. G. Vetter, (1st oak leaf cluster), Det. 48, 4th WWg.
 Capt. James R. Walton, ETAC.
 1st Lt. John E. Guiliano, 54th WRSq.
 1st Lt. James A. Hall, 54th WRSq.
 1st Lt. Thomas F. Riley, Det. 28, 26th WSq.
 CWO. Philip T. Boucher, Det. 17, 24th WSq.
 CWO. Joseph M. Dougherty, Det. 11, 4th WWg.
 CMSgt. Thomas J. Fisher, (2nd oak leaf cluster), Det. 7, Hq. AWS.
 CMSgt. Robert L. Kline, (2nd oak leaf cluster), AFGWC.
 SMSgt. Doyle Painter Jr., (1st oak leaf cluster), 56th WRSq.
 SMSgt. Ivan Y. Woods, Det. 15, 20th WSq.
 SMSgt. David E. Workman, (1st oak leaf cluster), 55th WRSq.
 MSgt. Richard B. Agee, (1st oak leaf cluster), OL-C, 2nd WWg.
 MSgt. John C. Arruda Jr., 1st WWg.
 MSgt. James F. Braddy, (1st oak leaf cluster), 4th WWg.
 MSgt. Donald T. Buck, (1st oak leaf cluster), 31st WSq.

MSgt. Jack E. Floodas, Det. 18, 1st WGP.
 MSgt. Bobby G. Frazier, 6th WSq.
 MSgt. Alonzo W. Layne, 56th WRSq.
 MSgt. Robert H. Lovelady, (1st oak leaf cluster), Det. 36, 25th WSq.
 MSgt. Robert L. Lytle, (1st oak leaf cluster), 54th WRSq.
 MSgt. Joel R. Nola, Det. 48, 4th WWg.
 MSgt. George D. Parks, (2nd oak leaf cluster), AFGWC.
 MSgt. Albert E. Price, 55th WRSq.
 MSgt. James J. Scheetz, (3rd oak leaf cluster), 25th WSq.
 MSgt. Marion L. Stafford, 56th WRSq.
 MSgt. Edward N. Tidwell, (1st oak leaf cluster), Det. 5, 5th WWg.
 MSgt. Paul Walker, 55th WRSq.
 MSgt. Jordan W. Wray, (1st oak leaf cluster), Det. 35, 25th WSq.
 MSgt. John P. Zook, Det. 41, 4th WWg.
 TSgt. Deane G. Atwood, (1st oak leaf cluster), Det. 5, 4th WWg.
 TSgt. Anthony W. Basiks, Det. 37, 7th WWg.
 TSgt. H. J. Beasley, (1st oak leaf cluster), 54th WRSq.
 TSgt. Ronald O. Beck, Det. 2, 4th WWg.
 TSgt. Melvin E. Collins, 54th WRSq.
 TSgt. Kenneth N. Gibson, (1st oak leaf cluster), 9th WRWg.
 TSgt. Ronal E. Godbout, 6th WWg.
 TSgt. Richard J. Hall, (1st oak leaf cluster), 55th WRSq.
 TSgt. Booker T. Jones, (3rd oak leaf cluster), Hq. AWS.
 TSgt. George Krauss Jr., (1st oak leaf cluster), Det. 5, 17th WSq.
 TSgt. William F. Mann, Hq. AWS.
 TSgt. George M. McCain, 53rd WRSq.
 TSgt. James R. Moore, 55th WRSq.
 TSgt. Daniel R. Murray, Det. 30, 10th WSq.
 TSgt. Steven J. Sklar, Det. 2, 11th WSq.
 TSgt. Anthony P. Tittsworth Jr., Det. 34, 26th WSq.
 TSgt. Douglas Vaughn, 55th WRSq.
 TSgt. David F. Webb, 9th WRSq.
 TSgt. William K. Weddington, 58th WRSq.
 TSgt. Lee B. Weiher, 55th WRSq.
 TSgt. Ernest E. Wilhite, (1st oak leaf cluster), 54th WRSq.
 SSgt. George R. Bradley, (1st oak leaf cluster), Det. 33, 25th WSq.
 SSgt. James S. Borman, 1st WGP.
 SSgt. John C. Bumgardner, 20th WSq.
 SSgt. Ansel N. Cox, Det. 24, 25th WSq.
 SSgt. Irving H. Dafoe, Det. 13, 20th WSq.
 SSgt. John M. Harvey, Det. 18, 1st WGP.
 SSgt. James T. Mysinger, OL-D, 5th WSq.
 SSgt. Lonnie C. O'Shields, 58th WRSq.
 SSgt. Thomas R. Pendleton, OL-D, 5th WSq.
 SSgt. Raymond L. Pritchett, (1st oak leaf cluster), 58th WRSq.
 SSgt. Jerry G. Sides, OL-E, 5th WSq.
 SSgt. Fred E. Simpson, 1st WGP.
 SSgt. Blaine K. Tsugawa, Det. 17, 10th WSq.
 SSgt. John V. Wright, Det. 10, 15th WSq.
 Sgt. Michael W. Duerksen, Det. 32, 5th WSq.
 Sgt. Colin W. Heatherly, 58th WRSq.
 Sgt. Richard A. Johnson, OL-D, 5th WSq.
 Sgt. Paul E. Linder, Det. 10, 5th WSq.
 Sgt. Paul R. Osterberg, Det. 15, 24th WSq.
 Sgt. Perry D. Prewett, Det. 30, 10th WSq.
 Sgt. Joseph A. Ruocchio, Det. 30, 10th WSq.
 Sgt. Leroy Sumter, (2nd oak leaf cluster), 58th WRSq.
 Sgt. Warren J. Von De Linde, Det. 28, 26th WSq.
 Sgt. David M. Wiemer, Det. 18, 1st WGP.
 A1C. Richard L. Bailey, 5th WSq.
 A1C. Gerald E. Stone, 54th WRSq.

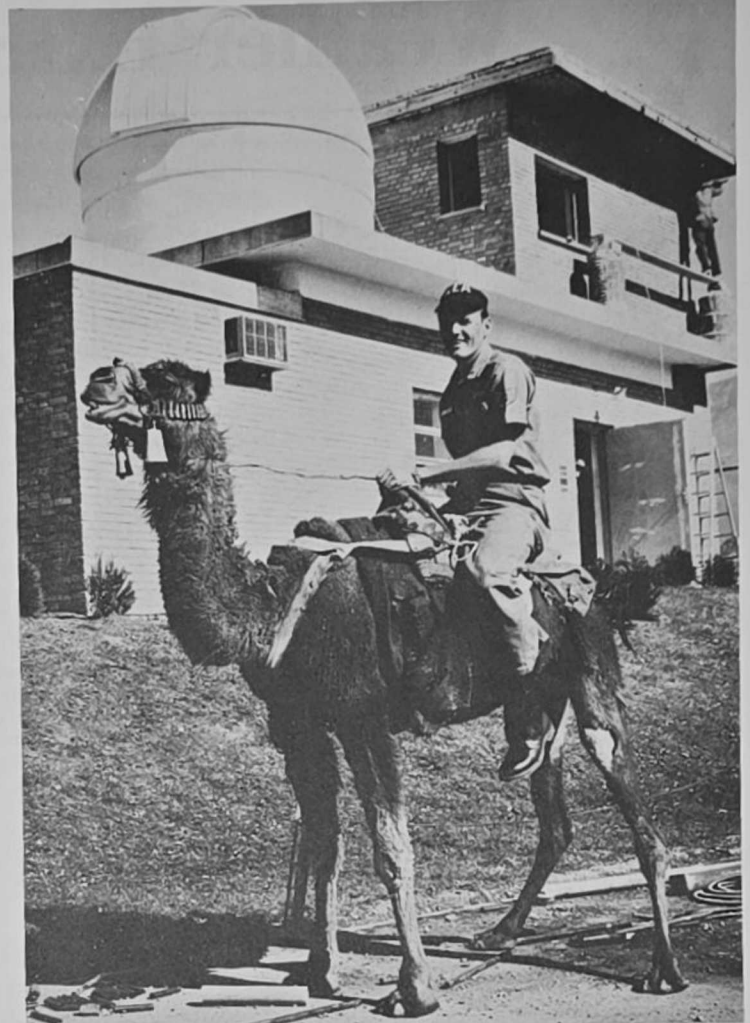
MSgt. John H. Rushing, (Third Oak Leaf Cluster), 58th WRSq.
 MSgt. Richard H. Thomas, Det. 6, 5th WWg.
 MSgt. Robert B. Thomas, (Second Oak Leaf Cluster), 56th WRSq.
 MSgt. Alvin G. Wiens, (Second Oak Leaf Cluster), Det. 12, 3rd WSq.
 TSgt. Charles J. Barnes, 58th WRSq.
 TSgt. Paul L. Bell, Hq. 7th WWg.
 TSgt. Clifford Campbell, OL-2, 5th WSq.
 TSgt. Arthur L. Gattrell, (First Oak Leaf Cluster), Det. 8, 17th WSq.
 TSgt. James A. Hurst, (First Oak Leaf Cluster), 58th WRSq.
 TSgt. Carl E. McKellip, 7th WSq.
 TSgt. Ben Rainge, Jr., Det. 30, 25th WSq.
 TSgt. David F. Rees, 55th WRSq.
 TSgt. James R. Schaefer, 55th WRSq.
 TSgt. John S. Sevy, Det. 39, 7th WWg.
 TSgt. Stillman W. Slason, Det. 14, 31st WSq.
 TSgt. Robert W. Swinford, Det. 8, 21st WSq.
 TSgt. Frank G. Wyatt, 56th WRSq.
 SSgt. Leland C. Abington, Det. 23, 30th WSq.
 SSgt. George M. Barnett, (First Oak Leaf Cluster), 3rd WSq.
 SSgt. Robert L. Bell, Det. 23, 30th WSq.
 SSgt. Phillip R. Bozek, 58th WRSq.
 SSgt. John R. Hughes, Jr., OL-6, 5th WSq.
 SSgt. Billy J. Jarrett, (First Oak Leaf Cluster), Det. 12, 3rd WSq.
 SSgt. Thomas J. Lewis, Det. 32, 5th WSq.
 SSgt. Jerry T. Martin, 7th WSq.
 SSgt. Isaac Thomas, (First Oak Leaf Cluster), Det. 44, 7th WWg.
 SSgt. Robert B. Tuttle, Det. 4, 17th WSq.
 SSgt. James C. Seka, (First Oak Leaf Cluster), Hq. 7th WWg.
 SSgt. Forrest E. Smith, Det. 15, 20th WSq.
 SSgt. Robert A. VanCleaf, Det. 36, 5th WSq.
 SSgt. Norman M. Walker, Det. 15, 4th WWg.
 SSgt. Edwin E. Williford, 16th WSq.
 Sgt. Robert G. Chapman III, Det. 17, 10th WSq.
 Sgt. Bruce A. Gunderson, Det. 11, 5th WSq.
 Sgt. Phillip L. Hartway, Det. 3, 30th WSq.
 Sgt. Patrick Kilcoyne, Det. 17, 10th WSq.
 Sgt. Richard A. McDougall, OL-4, 5th WSq.
 Sgt. Jerry L. Piersall, (First Oak Leaf Cluster), 9th WSq.
 Sgt. Anthony L. Reynolds, Det. 17, 10th WSq.
 Sgt. Phillip L. Stedje, OL-2, 5th WSq.
 Sgt. David E. Worden, OL-6, 5th WSq.
 A1C Robert L. Dees, Det. 14, 1st WGP.
 A1C Michael G. Richardson, 5th WSq.

Gold Pride Award

SSgt. Eugene E. Deshaw, Det. 5, 1st WWg.
 MSgt. Darwin J. Riden, 16th WSq.
 SSgt. Charles T. George, Det. 28, 25th WSq.
 TSgt. Charles E. Taiclet, Det. 25, 6th WWg.
 SSgt. Richard J. Davis, Det. 2, 6th WWg.
 SSgt. Isaac L. Jones, Det. 25, 6th WWg.
 SSgt. Jordan B. Matejcek, ETAC.
 SSgt. Jimmy L. Smith, Det. 2, 6th WWg.
 Sgt. William C. Skillman, ETAC.
 Sgt. Gary A. Vaughan, Det. 10, 6th WWg.
 Sgt. Doyle E. Yeater, Det. 21, 6th WWg.
 A1C. Alan D. Fobes, Det. 6, 6th WWg.
 Mr. William H. Jackson, ETAC.
 Mr. William D. Hood, ETAC.
 Mr. Donald E. Collington, ETAC.

Silver Pride Award

SSgt. Sherrill D. Hutsell, Det. 25, 6th WWg.



GET ALONG LITTLE DOGGIE — SSgt. Francis J. Adamczyk, OL-D, 2nd WWg., with friend, departs solar observatory. Transportation is never a problem when you know the right way.

Can anyone do the job? SSgt Adamczyk can

WIESBADEN AB, Germany — SSgt. Francis J. Adamczyk is just another weather maintenance technician. Nothing special about it. Right? Well . . .

Being one of a half dozen solar optical telescope technicians does have some distinction. The fact that Sergeant Adamczyk maintains a telescope system and components in itself is unusual. The telescope is one of six in the AWS Space Environmental Support System network with locations scattered around the world. Assigned to OL-D, 2nd Weather Wing, located at Tehran, Iran, adds a little to the uniqueness of his duties.

The environment of a location at the 'end of the line' doesn't require a technician to be of special breed. Or does it? For instance, a quick run to supply (10 miles one way) only requires a strong heart and valor, above and beyond the reflexes of an Indy driver to get through the tangle of buses, camels, carts, and V2 rockets (yellow cabs).

Improvisation is used by most technicians, but in Tehran it is a way of life. To build a simple telescope modification requires the use of scrounged scrap material and the ability to converse in pigeon Persian and sign language.

Of course, one must learn the new Mod measurement system, i.e., one arm length plus two fingers long by two bricks and a book of matches wide. To accom-

plish this without disrupting American-Iranian relations, takes a diplomat of the first order.

The recent construction modification of 2nd Weather Wing's Tehran solar observatory put to test these excellent attributes of Sergeant Adamczyk.

A technician? Yes. And a blueprint engineer, bricklayer, electrician, plumber, steeplejack, lobbyist, and a fair camel driver. Can anyone do the job? Sergeant Adamczyk, solar optical telescope technician, can.

AWS dormitory wins at Ramstein

RAMSTEIN AB, Germany — The AWS weather dormitory at Ramstein AB, Germany, has won an award for being the most outstanding dormitory in the Military Airlift Command. Airmen assigned to 31st Weather Squadron and Detachment 21, 2nd Weather Wing, live in the dormitory, as do airmen assigned to 40th Aerospace Rescue and Recovery Wing.

The MAC award was presented to the dorm here recently by Brig. Gen. Frank K. Everest, Commander of Aerospace Rescue and Recovery Service. Last year this same dormitory won second place in MAC. That award was presented by Maj. Gen. Russell K. Pierce, Jr., then AWS Commander.

