

AIR WEATHER SERVICE

OBSERVER

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Watch on AWS greets new members for storms

RAMEY AFB, P. R. — Facing in this Silver Anniversary year of the Air Force their 29th season of storm reconnaissance, the USAF Hurricane Hunters have a well-trained weather eye out for Atlantic and Gulf storms.

This year, as in the past, the Hurricane Hunters—53d Weather Reconnaissance Squadron of Military Airlift Command's Air Weather Service—will fly weather-modified Lockheed WC-130 (W for weather) Hercules aircraft into the eye of each storm in the Atlantic and Gulf of Mexico. From their base at Ramey AFB, P. R., and various staging bases, they will collect data to make storm warnings possible.

Over a million and a half square miles of ocean and gulf waters, they will alternate with the US Navy to provide storm surveillance along the entire coast from Texas to Maine. Data collected will be provided to the National Hurricane Center at Miami, Fla., staffed by National Weather Service specialists of the National Oceanic and Atmospheric Administration.

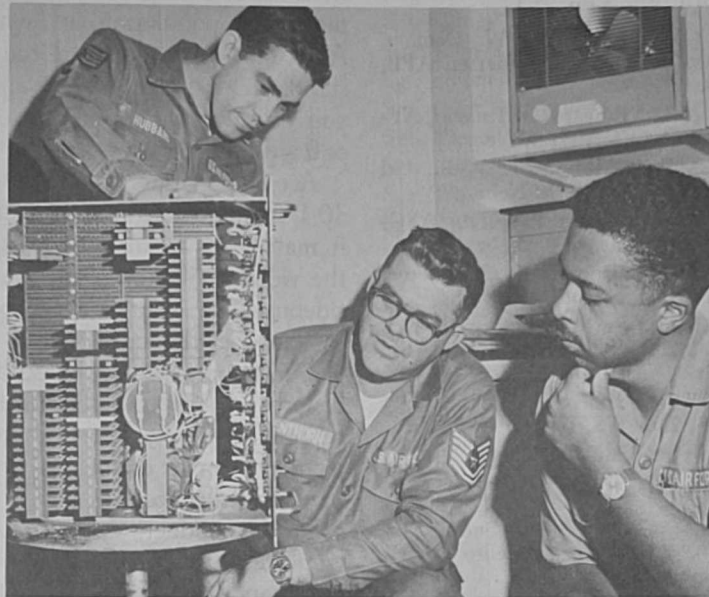
Pivot of the military-civil hurricane-warning network is the Chief of Aerial Reconnaissance Coordination for Atlantic Hurricanes (CARCAH), an Air Force official responsible for ensuring that USAF and USN reconnaissance is flown in keeping with NHC needs.

Stationed at the Miami center, CARCAH triggers a warning service for Navy, Army and Air Force installations. Warnings for civil interests and general public are issued by the National Weather Service from its NHC.

All Air Force hurricane reconnaissance is flown by men and aircraft of the 53d WRS, a component of Air Weather Service's 9th Weather Reconnaissance Wing. In season and out squadron weather aircraft probe the skies above the Atlantic, Caribbean and Gulf of Mexico, getting data to fill in blank spots on weather charts. Elsewhere in the world, sister 9th Wing units perform the same vital task for other locations, other oceans, other storms, other people.

During the season, USAF Hurricane Hunters get a daily teletype message from CARCAH, outlining reconnaissance needs for 24 hours. If an immediate report is needed, a direct telephone request comes from CARCAH. Throughout the storm season, daily weather missions (called tracks) are flown over fixed routes and special storm reports are gotten by diverting these routine flights.

USAF aircraft reports come to the Miami center by teletype after being checked for accuracy (Continued on Page 3)



NEW MEMBERS of Air Weather Service family are the 300 men and women of the 1st Aerial Cartographic and Geodetic Squadron, Forbes AFB, Kans. Here three of these new AWS people, SSgt. Rodney G. Hubbard, instructor, and TSgt. Orville G. Henthorn and SSgt. Frank R. Dixon (l. to r.) look for the defective component in an aerial camera controller they are trouble-shooting. See pages 4 and 5 of this issue for more on this story.

Information chief starts new career

AWS Hq—An era of AWS and Air Force information ends this month, when AWS's information director, John D. Rugg, puts the cover on his typewriter after 21 years with the weather service. He is taking early Civil Service retirement to begin a second career in genealogical research.

Serving as information specialist in the administrations of all Air Force Secretaries to date and seven of 12 weather service commanders, Rugg first became AWS information director in 1958, first and only civilian to hold the post. Previously he had been deputy chief of AWS's information office and, from 1949 to 1951, before joining AWS, assistant public information officer for Headquarters Command, USAF, at Bolling Air Force Base in Washington, D. C.

In 1954 he inaugurated as founding editor USAF's first command newspaper, the AWS Observer, of which he is now executive editor. Winner of many awards, the weather monthly is USAF's most widely circulated newspaper, reaching nearly every Free World country, and only such publication ever to have been supported by voluntary subscription purchases by its AWS and many non-AWS readers around the world.

Rugg has always been especially intrigued by weather's international and humanitarian aspects. Thus he engineered in 1963 the first presentation ever to a non-American of a Military Air Transport Service citizenship award, to an Australian plantation manager for his aid to a



Mr. John D. Rugg

small AWS weather station temporarily located on his copra plantation on a remote Pacific island.

In 1955, in search of a worthy Christmas story, Rugg began the Santa's Mail Bag program which has for 16 Christmases since allowed parents around the world to send their children genuine letters from Santa. Nearly 125,000 such Yuletide letters, written by parents, have been remailed with appropriate "Santa Clause House, North Pole" postmarks by AWS weathermen stationed in Alaska.

"I have always felt," Rugg says, "that an information officer should be involved in his command's total activities." This belief led him in 1957 to redesign AWS's Commanders Awards plaques. A nonmeteorologist, with a master's degree in English and psychology from Austin's University of Texas, Rugg is a longtime member of the American (Continued on Page 2)

Four award winners announced by AWS

AWS Hq—Four winners of this year's AWS Commanders awards have been announced by AWS Commander Brig. Gen. William H. Best Jr. The awards, named for past AWS commanders, recognize outstanding achievements by weathermen and organizations.

The Bassett Award, which recognizes the rawinsonde section compiling the most outstanding record for upper-air observations during the year, goes to Detachment 19, 15th Weather Squadron, 7th Weather Wing, Lajes Air Base, Azores.

The Observer regretfully reports the deaths of the following AWS people.

CWO Norman Leslie Tyler, April 7 at Bossier City, La. Mr. Tyler, one of the original 1937 enlisted members of AWS, has retired in October 1962 from 16th Weather Squadron.

Margaret E. Riley, wife of retired SMSgt. William Riley, May 19 in Belleville, Ill.

AWS to have new chief of staff

AWS Hq—AWS will have a new chief of staff this fall, when Col. Edwin E. Carmell, deputy chief of staff for operations, succeeds Col. Douglas C. Purdy, chief of staff since March 1971, who retires August 31.

Col. Leonard E. Zapinski, DCS for technical plans, will be the new DCS for operations.

Others changes will find Col. Herbert A. Million, assistant DCS for systems, replacing Col. Ralph J. Steele as systems DCS. Colonel Steele retires June 1.

Col. Isaac S. Israel, AWS DCS for personnel, will leave Scott in July to assume command of 16th Weather Squadron, Ft. Monroe, Va., succeeding Col. William H. Shivar, who is retiring.

Mr. John D. Rugg, former deputy director, has become AWS director of information, replacing Lt. Col. William H. Quelch Jr., who is attending information training at the University of Oklahoma and will become base information officer at McGuire AFB, N. J.

Col. Elwyn A. Moseley, former 4th Wing vice commander, has assumed command of 4th Weather Wing, succeeding Col. Lewis J. Neyland. On July 1, Colonel Neyland, who has been reassigned out of weather, becomes assistant chief of staff for Aerospace Defense Command, Ent AFB, Colo.

In July also, Col. Leroy P. Brunner, 3d Weather Wing vice commander, leaves AWS for assignment to Strategic Air Command headquarters, Offutt AFB, Nebr. His successor at 3d Wing will be Col. James H. Gillard, present vice commander of 375th Aeromedical Airlift Wing, Scott AFB, Ill.

At Andrews AFB, Md., Col. Robert F. MacKenzie will retire in July as 6th Weather Wing vice commander, to be succeeded by Col. Hyko Gayikian, 3d Weather Wing operations officer.

Colonel Gayikian's replacement will be Col. Newton R. Galligar, (Continued on Page 6)

The detachment exceeded the AWS average for ground equipment failure for all 12 months and consistently exceeded the AWS average for completed observations.

The Moorman Award for the unit that provides centralized analysis and/or forecasts to other AWS units in the most outstanding manner was won by Asian Weather Central, 20th Weather Squadron, 1st Weather Wing, Fuchu AS, Japan. Selection was based on outstanding achievement in the production of meteorological products and services for use by US Forces and their allies throughout the Pacific and Southeast Asia in 1971. Significant improvements in both analyses and forecast accuracy greatly enhanced the value of these products to the user.

The Senter Award for the weather reconnaissance or atmospheric sampling unit that continuously demonstrates an ability to surpass established norms in the areas of mission accomplishments and operational readiness went to the 54th Weather Reconnaissance Squadron, 9th Weather Reconnaissance Wing, Andersen AFB, Guam.

During 1971, members of the 54th flew 10,240 hours to fulfill the requirements of numerous governmental agencies as well as several major air commands. Through superior crew coordination and outstanding aircrew dedication, the 54th set new records for flying time in its classified Southeast Asia project. It also completed a record for storm flying hours, storm fixes and storm missions, and achieved the highest success rate in the history of its fog dispersal project at Elmendorf AFB, Alaska.

Additionally, the 54th received the highest combined MAC and AWS MSET team ratings of any unit in the 9th Wing.

Detachment 30, 10th Weather Squadron, 1st Weather Group, 1st Weather Wing, U-Tapao Royal Thai Navy Base, Thailand, was the recipient of the Williams Award.

Personnel of the detachment distinguished themselves during 1971 through sustained outstanding performance in support of SAC, MAC, PACAF and US Navy operations in SEA and adjacent areas. Particularly noteworthy was highly professional weather service provided the 307th Strategic Wing which flies all tactical refueling and strategic bombing sorties flown in Southeast Asia.

Despite the heavy workload and problems associated with a short-tour area, Detachment 30 attained a remarkable record of achievement in forecasting accuracy, observing effectiveness and equipment reliability.

Runner-up for the Bassett Award was Detachment 48, 4th WW, Thule AB, Greenland.

Moorman Award runners-up were the 55th and 58th WRSs, while Detachment 2, 7th WS, Hanau AAF, Hanau, Germany, Detachment 3, 9th WS, Fairchild AFB, Wash., Detachment 2, 11th WS Eielson AFB, Alaska, Detachment 24, 25th WS, Holloman AFB, N. M., Detachment 7, 17th WS, Kelly AFB, Tex. and Detachment 10, 6th WW, Eglin AFB, Fla., were Williams award runners-up.



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BRIG. GEN. WILLIAM H. BEST Jr.

Commander, Air Weather Service

MR. JOHN D. RUGG

Director of Information and Executive Editor

MSGT. ED BURCHILL, Associate Editor

Pride in the Past--Faith in the Future

Like to lose your car?

How'd you like to lose your car because of drugs?

A pipe dream? Not so. Laws which prohibit possession of illicit drugs, including marijuana, provide for seizure and forfeiture of vehicles used to facilitate transportation, sale, receipt, possession or concealment of such contraband.

For the "professional" drug trafficker, loss of an automobile is a business expense, charged off against profits. For a young airman who is tempted to experiment with marijuana or more potent drugs, however, confiscation of his car means a very serious economic loss.

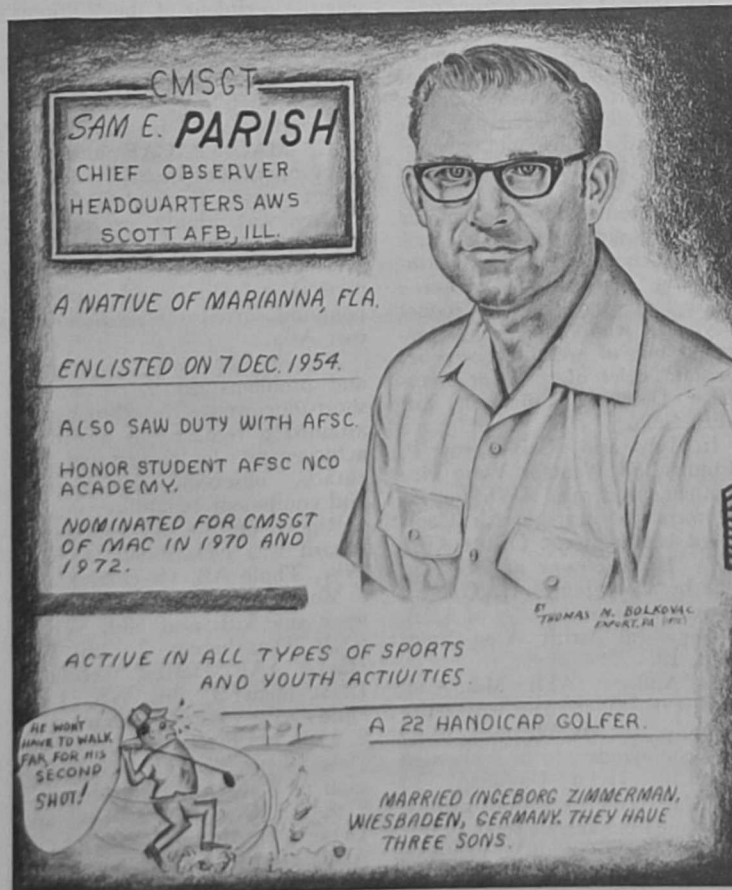
Doesn't happen? Think again. In 1971, the Bureau of Narcotics and Dangerous Drugs seized and required forfeiture of 470 automobiles involved in drug cases. Retail price tag for the seized vehicles was a total of more than \$100,000.

When a car is forfeited in this manner, the lienholder—bank, finance company, credit union—is not protected. Security on the auto loan is lost to both buyer and seller—but the debt still exists and the buyer must continue to pay for a car he no longer has.

In addition to the galling experience of buying oats for a dead horse, as the saying goes, the unhappy oats-buyer will find himself in a sorry position the next time he needs financing.

When it comes to drug use and abuse, if arguments based on health and morality prove unimpressive, perhaps the economic aspects will carry more weight. (JDR)

AWS's Chief Observer



Retirees

Following AWS people retired from active duty in the month indicated:

May 1972

Lt. Col. Dale G. Rogers, 3d WW, Offutt AFB, Nebr.

Capt. Theodore W. Hayes, AFGWC, Offutt AFB, Nebr.

Capt. Jack B. Reading, 55th WRS, McClellan AFB, Calif.

CMSgt. Carl K. Clay, 4th WW, Ent AFB, Colo.

CMSgt. Kenneth W. Demars, Det. 2, 1st WW, Andersen AFB, Guam.

MSgt. Edward D. Estacio, AFGWC, Offutt AFB, Nebr.

MSgt. Mervin L. Goll, 3d WW, Offutt AFB, Nebr.

MSgt. Edwin P. Jones, AFGWC, Offutt AFB, Nebr.

MSgt. Robert H. Middleton, AWS Hq, Scott AFB, Ill.

TSgt. Earl L. Blackwell, Det. 13, 25th WS, Little Rock AFB, Ark.

TSgt. Robert H. Carchia, Det. 18, 24th WS, Laredo AFB, Tex.

TSgt. Paul R. Oberg, Det. 12, 3d WS, Seymour Johnson AFB, N. C.

TSgt. Atticus F. Snow, Det. 40, 2d WW, Croughton RAF, England.

SSgt. Leonard M. Busted, ETAC, Washington, D. C.

SSgt. Charles R. Cashier, 20th WS, Fuchu AS, Japan.

SSgt. Billy L. Cline, Det. 10, 26th WS, Westover AFB, Mass.

June 1972

Lt. Col. Roy A. Wegener, AWS Hq, Scott AFB, Ill.

Lt. Col. Richard M. Woods, 55th WRS, McClellan AFB, Calif.

Lt. Col. William Waggy Jr., 17th WS, Travis AFB, Calif.

Maj. Robert L. Hairston, 15th WS, McGuire AFB, N. J.

Maj. Anthony Biernacki, 58th WRS, Kirtland AFB, N. M.

Maj. Robert Stapleford, 5th WW, Langley AFB, Va.

CMSgt. I. J. Daubenspeck, 6th WS, Tinker AFB, Okla.

CMSgt. Carl J. Smelgus, 5th WW, Langley AFB, Va.

SMSgt. Raymond B. Crayton, ETAC, Washington, D. C.

SMSgt. Thomas P. Hayes, Det. 5, 4th WW, Hamilton AFB, Calif.

MSgt. William E. Gensler, 15th WS, McGuire AFB, N. J.

MSgt. James F. Ham Jr., Det. 25, 6th WW, Alexandria, Va.

MSgt. John I. Lahey, Det. 14, 4th WW, Richards-Gebaur AFB, Mo.

MSgt. Alfred L. Sanford, Det. 30, 6th WW, Vandenberg AFB, Calif.

MSgt. Henry M. Stamant, 1st WW, Hickam AFB, Hawaii.

TSgt. Frederick Dusold, 1st WS, MacDill AFB, Fla.

TSgt. Ira R. Geisinger, OL-D, 11th WS, Galena Apt., Alaska.

TSgt. Sheldon Meyers, Det. 4, 6th WS, Robins AFB, Ga.

TSgt. Louis B. Toler, Det. 6, 6th WS, Ellsworth AFB, S. D.

TSgt. Thomas P. Walker, 15th WS, McGuire AFB, N. J.

SSgt. Arlo B. Smith, 1st WW, Hickam AFB, Hawaii.

Command Line

Col. John W. Collens III, Vice Commander



General Best and I receive personal letters from AWS personnel who are inquiring about policy or perhaps expressing concern. The right to be heard is supported by the need to be heard—very important tools of management.

Therefore, we give deliberate attention to these communications, which range from "why the emphasis on reducing our motorcycle population" to "why the insistence on hair length." A recent letter addressed the subject of personal appearance standards and deserves an open letter answer since many of you ask the same question, either as supervisors who must enforce AFR-30-1 or as those who question its need.

Accommodation to individuality is provided for in AFR-30-1 standards without an "anything goes approach. To some, it may seem an infringement on personal freedom to restrict the wearing of beards, Fu Manchu mustaches or mutton chop sideburns, or control wear of the uniform (AFM 35-10). "What does this have to do with the USAF mission—defense of our freedom," they may say. The answer is, I think, that history tells us that those who are willing to set aside self-centered interests, who will conform to some reasonable rules of order, can be counted upon when the chips are down.

Many organizations other than the military services have codes of conduct, decorum and standards of dress for their employees. International Business Machines is one. Disneyland, and Six Flags Over Texas/Georgia/Mid-America are other examples of youth-oriented free enterprises which have established standards. To some, these may be so repugnant to their concept of personal freedom that they rebel. So be it—they quit and hunt elsewhere for employment.

The Air Force, like many contemporary large organizations, gives you as much latitude as it deems advisable, yet preserving good order and discipline so essential to our "business." It simply cannot offer license to defend our freedoms as we each see fit to do. There must be unanimity at decision-time, and this must be practiced daily.

If you feel that Air Force standards, as expressed in AFR 30-1, are overly restrictive and prejudicial to your concept of what is needed to run a fine-tuned defense organization, then perhaps you will never reconcile that difference between the needs of the Air Force and your assessment of restrictions on personal freedom. Like those who disagree with their civilian employer on his imposed standards, you have a choice. We hope your choice is to serve with pride in our organization under its rules and enjoying its rewards.

IO leaves

(Continued from Page 1)

Meteorological Society, twice has served as public relations chairman for the Society's national Severe Storms Conference.

He has represented AWS on interagency information staffs formed for the Barbados Oceanographic and Meteorological Experiment in 1969 in the West Indies and in 1970 for national observance of the centennial of US weather services.

In the exhibit area, Rugg is credited with originating a new concept in small, versatile, self-contained display units, resulting in six AWS displays viewed by a half-million people to date. First use of this type of display was in Tunisia for an international conference, with the AWS exhibit featuring a tape-recorded narration on weather satellites in Arabic and French as well as in English.

To tell the Air Force story of annual hurricane reconnaissance

by providing full background data for newsmen, Rugg has assembled and distributed each year since 1958 a special news kit. Containing material on all Federal agencies involved in storm reconnaissance, the AWS kit goes to all Atlantic and Gulf coast daily newspapers and led one editor to write "this is one printed Government product which is truly worth the US taxpayer's money."

Selected for "Who's Who in the Midwest," Rugg is a native Ohioan who is vice president of the board of directors of his Illinois county's mental health center, former member of his city's mayor's special committee on sewer problems, and former chairman of his local church's official board.

For his second career, which will convert a hobby to a vocation, he and his wife, Mildred—their only son, Paul, is an Air Force staff sergeant selectee and airman of the year for Westover

(Continued on Page 3)

Top wing historian honored



HISTORIAN OF THE YEAR honors for AWS for 1971 — first year of the new award — went to Capt. Larry N. Baker, formerly of 3d Weather Wing, Offutt AFB, Neb. Here presenting Captain Baker with the desk set which marks his selection as Outstanding AWS Wing Historian, AWS Commander Brig. Gen. William H. Best Jr., cited him for "initiative and foresight in maintaining a truly outstanding wing historical program." Baker, not a historian by training or education, is now assigned to an Air Force recruiting detachment in Louisville, Kentucky.

Hurricanes

(Continued from Page 1)
by special Air Weather Service monitors at Charleston AFB, S. C. Monitors are in direct voice contact with observers aboard the WC-130s. Reports give NHC forecasters temperature, pressure, humidity, winds, cloud structure and other technical data within and outside a storm's eye.

For more data, CARCAH may ask AWS ground stations near an interest area to make special surface and upper-air observations. Ground radar sites along the coast also provide more data, "watching" storms within 200 miles of the coastline. Several radars will accurately fix and follow a storm at the same time. NOAA's National Weather

Service (formerly the US Weather Bureau) issues four advisories daily for civil use, giving forecasts for six hours hence, and provides USAF and Navy four daily bulletins (military advisories), containing 12-hour and 24-hour forecasts, as well as "outlooks," giving the storm's forecast position and intensity in 48 and 72 hours.

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



WIGHTMAN-JOHNSON nuptials in Wellsville, N. Y., June 10, united Susan Gail Wightman, daughter of Mr. and Mrs. Robert Wightman of Wellsville, with AWS Sgt. Dale D. Johnson, son of Mr. and Mrs. Chester Johnson of Wellsville. Sergeant Johnson is assigned to Detachment 19, 16th Weather Squadron, at Fort Stewart, Ga.

Plaudits won by 5th Wing for fine Exotic Dancer job

LANGLEY AFB, Va.—For 5th Weather Wing's fine support to recent Exercise Exotic Dancer, Wing Commander Col. Walter A. Keils received the following message from Maj. Gen. William E. Bryan Jr., 19th Air Force commander:

"I want to express my appreciation to you and members of your command who participated in Exotic Dancer. The responsiveness and dedication of your people contributed significantly to the success of the exercise.

"The weather during this exercise was considerably more adverse than normal. Because of this, your people were required to work many extra hours to keep me abreast of the continuously changing weather developments. Their professional advice contributed significantly to the mission.

"Please convey my personal thanks to members of your command who helped make Exotic Dancer V a success."

AWS Commander addresses theme of leadership

HQ AFLC — Leadership in a changing world was the theme of Brig. Gen. William H. Best Jr., commander of the Air Weather Service, when he spoke to the Arnold Air Society at Purdue University in Lafayette, Ind.

Speaking of the changes taking place in the world and the challenge they pose for the Air Force, the general said:

"Historically speaking, the change the world has seen in the past 150 years is unprecedented in man's experience. Eric Hoffer, the philosopher, writes that there is a greater difference between our time and George Washington's than there was between Washington's and the Egyptians' who labored 3,000 years before the birth of Christ!

"So it is not surprising that we find in our society today points of irritation, of anxiety, of fear. Dostoyevsky wrote, 'Taking a new step, uttering a new word is what people fear most.' Change can be uncomfortable, unknown, worrisome, unsettling, and that's why we are inclined to resist it, to hold rather to the familiar and that which we know about.

"Now the Air Force cannot ignore these matters. Today, essentially all the problems facing America fall into one of two categories — national defense and social development. We have a society in trouble, and the Air Force, being a cross section of this society, cannot maintain itself aloof from the turmoil. By our own example — yours and mine — we must lead in efforts to improve society." (AFLCNS)

Washington Office chief retires after 34 years

WASHINGTON, D. C.—An AWS member who had served with all three of the major US weather agencies retired in June, following 34 years of service to meteorology.



Mr. James V. Bassett

He is James V. Bassett, chief of the AWS Washington Office since AWS headquarters moved in the summer of 1958 from Andrews AFB, Md., to Scott AFB, Ill. Thus Mr. Bassett has been assigned to the AWS headquarters staff for 26 years but physically separated from it for more than half that time.

Bassett began his 34 years in weather in 1938 as observer in charge of a second-order US Weather Bureau station at Chadron, Nebr. It was a part-time job during his college days.

Upon graduation from Nebraska State College in 1940, he began professional meteorological training at California Institute of Technology. Before graduating, he was commissioned in the US Naval Reserve and called to active Navy duty upon graduation.

Spending World War II as a weather officer in the South Pacific and Australia and on the US west coast, he was assigned in late 1943 to the Secretariat of the Joint Chiefs of Staff. In that assignment, he served as Secretary of the Joint Meteorological Committee and US Secretary of the Combined Meteorological Committee.

Leaving the Navy in 1946, Bassett came to AWS, serving successively as coordinator of committee activities, assistant director of plans and, for the past 14 years, as Washington Office chief.

On his last tour of Navy duty, Bassett served as weather officer on the Presidential yacht during President Truman's good-will visit to the Caribbean in February 1948.

Bassett and his wife, Louise, have two sons, James W., 27, and Thomas R., 25.

Retirement for Jim and Louise Bassett means moving to their country estate, Foxwood Farm, Denton, Md., where they welcome old friends who wish to stop by en route to and from Rehoboth Beach, Dela.

IO leaves

(Continued from Page 2)
AFB, Mass.—will leave Illinois for Provo, Utah.

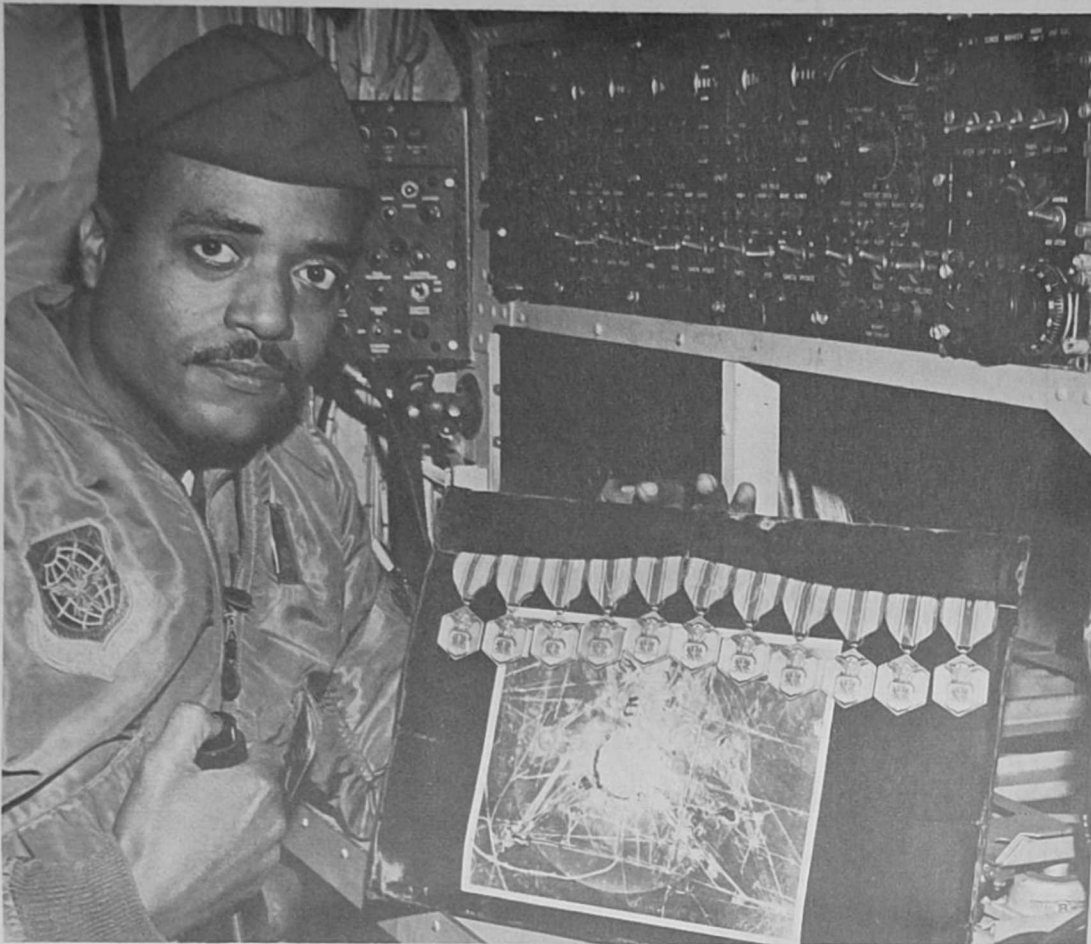
In the fall, Rugg enters Brigham Young University to pursue his second master's degree, this one in library science, specializing in genealogical research. After completing his work there, he will set up shop as a professional genealogist, to trace ancestors for private clients. He expects to use as his traveling office the new Winnebago motor home in which the Ruggs plan to live for the next year or two.

"If you see a motor home with a big W on the side (W for weather?) with the tail number of 7334, honk and wave," Rugg says, "or drop me a note at Post Office Box 97, Collinsville, Illinois 62234."



INTERNATIONAL COOPERATION and friendship in meteorology is marked by this presentation of a plaque by one weather chief to another. During an official visit to AWS headquarters, Colonel Li Ting-Chih (left), commander of the Chinese Weather Wing, Taipei, Taiwan, presents Brig. Gen. William H. Best Jr., AWS commander, with the special plaque.

AWS welcomes cartographic-geodetic activity



ON TARGET was TSgt. William Dodson, 1st ACG Squadron, here sitting at the photographer's panel from which he took a vital photo of a simulated atomic bomb blast. Held in Canada, Project Dial Pack simulated an atomic blast with TNT,

required the photo to be taken within two seconds of detonation directly over the detonation site. For their work in making the multimillion-dollar test a success, Dodson and 10 others in his squadron received USAF Commendation Medals.



REPAIRING CAMERA, vital to squadron's mission, is A1c Michael A. Naylor, here making adjustments to an aerial mapping camera which takes 9x9-inch photos.

Air Weather Service will add a global aerial photomapping and surveying organization to its long list of outstanding units on July 1. The 1st Aerial Cartographic and Geodetic Squadron (IACGSq) at Forbes AFB, Kans., was the flying squadron of the Aerospace Cartographic and Geodetic Service. ACGS will be inactivated June 30.

With recent cutbacks by Air Force, ACGS will go from a five-squadron, numbered Air Force level organization with 800 men and women to a single squadron with a population of about 300.



FINISHED PRODUCT, flight lines of aerial photographs, are shown by SSgt. Donald Anderson

to touring Brazilian college students at Aerial Survey Team 10. (USAF photo by Sy Oskeroff)



SOUTH AMERICAN work, using ACGS aircraft with this emblem, is performed for the Interamerican Geodetic Survey, which is headquartered at Fort Clayton, Canal Zone.

The IACGSq will continue to perform all functions of ACGS. It is a unique organization with a single purpose, that of photographing and measuring the earth. It produces a tangible product: highly accurate data concerning the distribution of physical features of the earth.

IACGSq deploys all over the world. It is a contingency force with air mobile maintenance, photographic and computer facilities for bare base operations. Recent past mapping projects include the countries of South Vietnam, Panama, Colombia, Ecuador and the border of Chile and Argentina. Presently, IACGSq has deployed an Aerial Survey Team (AST) to photomap various areas of Alaska.

Headquartered at Forbes AFB, the IACGSq uses many means to obtain data concerning the designated areas. A precise, metrically calibrated aerial camera is mounted in the glass bottom of each of five RC-130s. These cam-

eras are used to obtain aerial cartographic photography.

One other way the IACGSq is able to get a picture of the ground is with the new All-Weather Topographic Mapping System (AWTMS). AWTMS is presently being tested at Luke AFB, Ariz. It's brand new, manufactured by the Goodyear Aerospace Corporation, and uses side-looking radar to produce a "picture" of the ground.

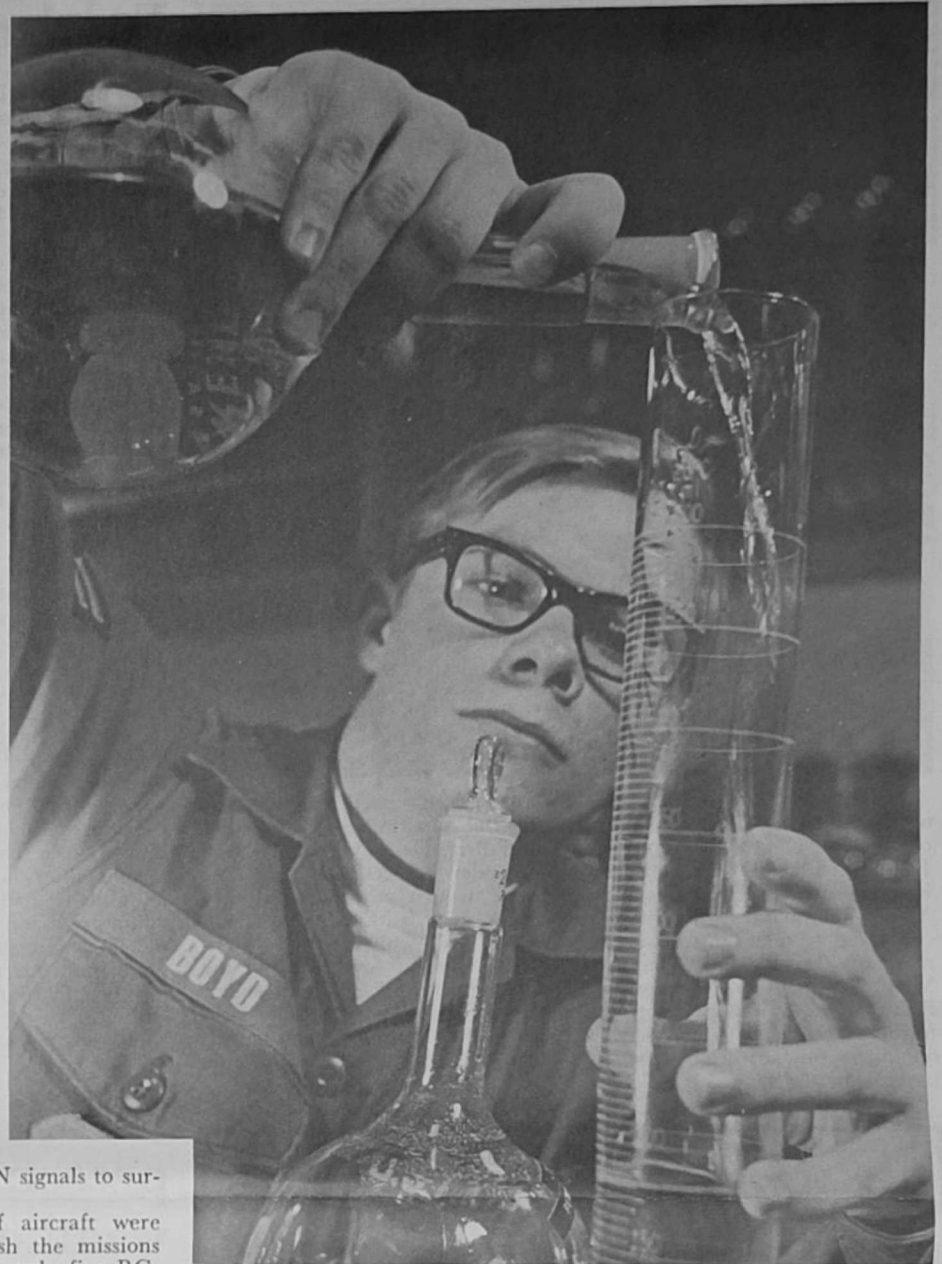
The AWTMS (pronounced "autums") will allow IACGSq to record radar imagery of the ground through cloud cover and at night.

Another aerial mission that the IACGSq performs is terrain profile recording (TPR). A vertical radar technique provides survey data for map makers to produce accurate elevation contour intervals.

A narrow-beam radar altimeter makes a continuous recording of the distance from the aircraft pressure altitude to the ground



PROUD BIRD on ramp at Forbes AFB, Kans., is this AC GS RC-130, five of which join the AWS fleet on July 1.



CHEMISTRY is prepared in the photographic quality control section by Alc Larry Boyd.



EVALUATOR Sgt. Carol R. Seyferth carefully checks the chart from a terrain profile recorder (TPR) to make sure the TPR operated correctly in flight.

beneath to within plus or minus ten feet of accuracy.

Geodetic control data and distance measurements are obtained by gathering airborne electronic distance measurements, using HIRAN. HIRAN is High Precision Shoran, a modification of a WWII bombing system.

HIRAN is used to accurately pinpoint the position of the aircraft in relation to ground stations set up in the area. It does this by sending out a pulse to a ground station and measuring the amount of time it takes to return to the aircraft. The time and atmospheric data is fed into a computer. The distance from aircraft to ground station is computed to within a probable error of plus or minus thirteen feet.

A ground station consists of three men who deploy with mobile equipment to support airborne operations. These teams "rough it" in remote sites to

retransmit HIRAN signals to survey aircraft.

Three types of aircraft were used to accomplish the missions of the AC GS, but only five RC-130A turboprop aircraft remain. Gone to other units throughout the Air Force are the CH-3E Green Giant helicopters and the Boeing RC-135 Stratolifter four-engine jets.



WORKING TOGETHER . . . one of four Brazilian observers attached to 1st ACS Squadron flew each mission in Brazil. Here (left to right) USAF Capt. Charles W. Smith, Brazilian Observer Maj.

Percy Antonio Wolff, USAF Maj. Jerry Masterson and Brazilian Capt. Aurino Santos Farias check out their weather maps together before flight.



PROCESSING DATA, Sgt. Thomas E. Lamarre and Alc Patrick L. Holbert operate an SDS 910 computer, reducing data collected on an RC-130 photo mission.



"WHO NEEDS BETTER?" AWS is asking, having done quite well with just Good and Best. With the superlative combination of Lt. Col. Henry K. Good (right) and Brig. Gen. William H. Best Jr.—AWS safety director and commander respectively—the Air Force weather service has carried away in two years the Military Airlift Command's two most prestigious awards. First MAC sub-command to take both in successive years, AWS won the MAC Commander's Trophy for Ground Safety Achievement for 1970 and the MAC Commander's Trophy for Flying Safety for 1971. Even General Best's better half and favorite English teacher, who is assistant professor of English at nearby McKendree College, agrees that this was one time the adjective "good" was properly compared without the use of "better".

Births in AWS

DENISON, SSgt. and Mrs. Morton L., a son, Michael Joby, father assigned to Det. 9, 16th WS, Fort Rucker, Ala.

MCGINLEY, 1st Lt. and Mrs. John A., a son, John Andrew, April 6, father assigned to Base Wea Branch, 26th WS, Barksdale AFB, La.

HAMBY, A1c and Mrs. Ronnie L., a daughter, Rhonda Ann, April 7, father assigned to Det. 11, 16th WS, Fort Sill, Okla.

HERKE, Sgt. and Mrs. Jerry D., twin boys, Daniel Christian and Mark DiLillo, April 7, father assigned to Det. 10, 16th WS, Fort Benning, Ga.

GRISWOLD, Sgt. and Mrs. Roy M., a son, Tetsuya, April 9, father assigned to Det. 17, 20th WS, Yokota AB, Japan.

NELSON, MSgt. and Mrs. William E., a son, Richard James, April 13, father assigned to Alaskan Command Forecast Center, Elmendorf AFB, Alaska.

BAXTER, A1c and Mrs. Dennis A., a son, Adam Scott, April 17, father assigned to Det. 36, 25th WS, Mountain Home AFB, Ida.

RUSSELL, SSgt. and Mrs. Gary, a son, Bernhard William, May 2, father assigned to Det. 4, 4th WW, McChord AFB, Wash.

KULLBERG, Capt. and Mrs. Kenneth N., a son, Kevin Daniel, May 4, father assigned to Det. 1, 31st WS, Bitburg AFB, Germany.

PETERSON, Capt. and Mrs. Robert G., a son, Tyler Grant, February 3, father assigned to AWS Hq, Scott AFB, Ill.

BENNETT, SSgt. and Mrs. William, a son, David Patrick, April 15, father assigned to 54th WRS, Andersen AFB, Guam.

CROFT, 1st Lt. and Mrs. Frank, a daughter Shauna Marie, May 9, father assigned to 54th WRS, Andersen AFB, Guam.

division, 804th Combat Support Group, Grand Forks AFB, N. D.

Lt. Col. Leo B. Rice has become commander of the 54th Weather Reconnaissance Squadron, Andersen AFB, Guam, vice Col. Douglas L. Campbell, new vice commander and announced commander for 610th Military Airlift Support Squadron, Yokota AB, Japan.

Announcement has also been made of the retirement in February 1973 of Col. William E. Gifford Jr., vice commander of Aerospace Audio-Visual Service, formerly of AWS, and the reassignment of former AWSman Col. Edward J. Nash as vice commander, 60th Military Airlift Wing, Travis AFB, Calif.

Football hero fond of USAF flight duties

By Lt. Mike Murrell
55th WRS Information Officer
When you walk into Eddie McClain's home, the first things to catch your eye are two trophies sitting on his fireplace mantle. One says he's a great football player, the other that he's the "World's Greatest Husband." The 19-year-old airman with the 55th Weather Reconnaissance Squadron at McClellan AFB, Calif., is prouder of the second.

A native of Covert, Mich., A1c McClain was captain and quarterback of the Covert High School football squad. He was also captain of the school's baseball team, but his heart is in football.

"I placed second on the All-Conference football team," the slender airman said. "I was really great, too," he quickly adds with a grin.

"In baseball, I was first baseman, although I played a little bit of everything. I batted somewhere near 400, but our team just had a terrible season my senior year," he said.

Eddie's coach wanted to send him to pro baseball school in Kansas after he graduated, but he already had plans made to get married and paper work completed to join the Air Force. His graduation, marriage and reporting to active duty all took place within a week.

So what's a nice guy who had

MSET awards presented to weather units

AWS Hq—Two Air Weather Service units were recently presented Maintenance Standardization and Evaluations Awards. The MSET Intermediate Maintenance Detachment of the Year went to Detachment 2, 6th Weather Squadron, 7th Weather Wing, McClellan AFB, Calif.

The citation reads in part "during the period, the Ground Meteorological System's maintenance organization significantly exceeded MAC goals and standards for maintenance management. The consistently high quality monthly scores provided by their Quality Control and Evaluation Program, combined with attaining the highest annual Maintenance Standardization and Evaluation score for intermediate Maintenance Detachments demonstrates their professionalism.

The MSET Weather Reconnaissance Squadron of the Year award went to the 56th Weather Reconnaissance Squadron, Yokota AB, Japan, for January 1 to December 31, 1971.

The aircraft maintenance organization of the 56th significantly exceeded MAC goals and standards for aircraft maintenance management. The consistently high monthly scores provided by their Quality Control and Evaluation through the local Maintenance and Standardization and Evaluation Program, combined with attaining the highest Maintenance Standardization score for weather reconnaissance squadrons, demonstrates their professionalism. Their outstanding maintenance management achievements attest to the excellence of the maintenance performed.



JET ENGINE mechanic McClain checks the oil on a WC-135 as part of the weather aircraft's post-flight inspection. The big AWS jet is the military version of the Boeing 707.

many college athletic scholarship offers out of high school and perhaps a chance at pro baseball doing in the Air Force?

Eddie McClain is a jet engine mechanic, but that's just the beginning.

A fellow who attains his goals, he has set several commendable ones for his Air Force career. Eddie is working to make staff sergeant in two years and plans to start college this summer to get 30 hours for credit toward Operation Bootstrap, under which the Air Force would put him through college on the road toward a commission. After that, the two-striper hopes to continue on to pilot training.

"I've always been fascinated by airplanes and would like to get into flying," Eddie says.

"And when he got home, he

talked about flying for two hours," his wife, the former Mary Louise Foth, also of Covert, said.

Besides his love for planes, Eddie notes that all the men in his family have been in the service. "It seemed like it was the thing to do ever since I can remember my father being in Korea," he added.

"I had a friend write me not long ago and ask me about being in the service and I told him what I really thought. I wouldn't discourage anybody about it. The service is what you make of it. We were on 12-hour shifts several weeks ago and that was pretty tough, but we're back to eight hours now."

Col. Wilson V. Palmore, 55th WRS commander, said of Airman McClain, "he's a highly motivated, talented young airman who typifies the caliber of man commanders will be seeking in the all-volunteer military."

The McClains just had their first child April 5, a six-pound, nine-ounce girl named Angela Marie.

"I was afraid to let Eddie hold the baby because he was so excited," Mary said of her former quarterback husband.

Eddie is a popular fellow among the troops on the McClellan flight line. Quick with a smile and occasional joke, he is serious about his work. His trophy collection will undoubtedly be growing in the future.

General Best nominated for Zuckert award

AWS Hq—Brig. Gen. William H. Best Jr., Air Weather Service commander, has been nominated by the Military Airlift Command for USAF's annual Eugene M. Zuckert Management Award.

Named after a former Secretary of the Air Force, it is presented in recognition of outstanding management achievements by a top-level Air Force manager.



FOR EXCELLENCE in making the most significant technical contribution of the year to meteorology, Lt. Col. Gary D. Atkinson (right), AWS Aerospace Sciences, accepts the Merewether Award from the AWS Commander, Brig. Gen. William H. Best Jr., in recent ceremonies at AWS headquarters.

Staff changes

(Continued from Page 1)

operations officer for Air Force Global Weather Central, Offutt AFB, who will in turn be succeeded by Col. John C. Ball, present deputy inspector general for AWS.

Col. William D. Brockmeyer, 6th Wing's chief of aerospace sciences, will report to Scott AFB to become director of aerospace requirements, replacing Col. William E. Smurro, new 20th Weather Squadron commander.

Col. James M. Priest, 7th Weather Squadron commander, will leave AWS in August to become chief of the comptroller

Awards and decorations

Bronze Star Medal

Maj. Odell M. Johnson
 Capt. Edward R. Bushnell
 Capt. Burton L. Maxwell
 Capt. Arthur M. Olsen Jr.
 Capt. Richard A. Poli
 Capt. Joseph L. Small
 Capt. Steve F. Stevens
 Capt. James R. Walton
 MSgt. Norris Small
 SSgt. James R. Lohman

Meritorious Service Medal

Lt. Col. William A. Kalberer
 Capt. Ronald D. Haynes

Air Medal

Lt. Col. Jay C. Arthur (OLC)
 Maj. William C. Severn (OLC)
 Maj. David H. Shaw
 Maj. James S. Smith
 Capt. Charles D. Catoe (OLC)
 Capt. Robert J. Dumont (OLC)
 Capt. Ronald C. Kaelert
 Capt. George F. Jacroux
 Capt. Samuel E. Trunzo
 1st Lt. James A. Eberhardt
 1st Lt. Lawrence M. Edwards
 1st Lt. Marvin A. Olsen
 1st Lt. Jacob P. Miller
 TSgt. Lloyd M. Mitchell
 SSgt. Richard B. Pelmonter
 (5 OLC)
 SSgt. Jeffrey C. Proulx (OLC)
 SSgt. Bruce C. Russell (OLC)

Air Force Commendation Medal

Lt. Col. John J. Campbell
 Lt. Col. Donald W. Comstock
 (OLC)
 Lt. Col. Richard M. Woods
 (2 OLC)
 Maj. John C. Apelt
 Maj. James M. Smith
 Maj. Charles M. Teed (OLC)
 Maj. John C. Thomas
 Maj. Robert F. Woodnal (OLC)
 Capt. Henry A. Ball Jr.
 Capt. Jon T. Berry
 Capt. Billy B. Booker (OLC)
 Capt. Harry L. Brano (OLC)
 Capt. Warren T. Echols
 Capt. Percy Edwards
 Capt. James E. Henson
 Capt. George F. Jacroux Jr.
 Capt. Andrew J. Johnson Jr.
 Capt. James Kerlin
 Capt. Thomas D. Murphy
 Capt. John M. Porinchak
 Capt. Jack B. Reading
 Capt. William R. Tahnk
 Capt. Edward M. Tomlinson
 Capt. John R. Wylie Jr.
 Capt. Walter J. Strach Jr.
 1st Lt. Ronald J. Dale
 1st Lt. Dwala L. Hand
 1st Lt. Stephen M. Horn
 1st Lt. Jeffrey A. Nank
 1st Lt. Danny M. Peterson
 1st Lt. Robert G. Zainey
 2nd Lt. Eugene J. Brnozzi (OLC)
 CWO Morris Benbassat
 CWO August V. Leshner
 CWO Michael J. Simpson
 CMSgt. Pedro C. A. Ahlmark
 (OLC)
 CMSgt. Edward C. Bouchard
 (2 OLC)
 CMSgt. Carl K. Clay (2 OLC)
 SMSgt. James I. Ballard (OLC)
 SMSgt. Raymond B. Crayton
 (2 OLC)
 SMSgt. Richard L. Durand
 (2 OLC)
 SMSgt. Thomas P. Hayes
 SMSgt. Donald F. Inman Sr.
 (OLC)
 SMSgt. Abraham L. Logan
 (2 OLC)
 SMSgt. William T. McConnell
 (OLC)
 SMSgt. Donald B. Probst (OLC)
 SMSgt. Peter P. Suteu

MSgt. James L. Baker
 MSgt. Floyd K. Bennett (OLC)
 MSgt. Harry E. Blackford
 MSgt. Evan H. Davis
 MSgt. Joe R. Kelley (2 OLC)
 MSgt. Roy P. Kipfinger Jr.
 MSgt. Arden D. Larson (2 OLC)
 MSgt. William E. Nelson (OLC)
 MSgt. Charles L. Simmons
 (OLC)
 MSgt. Henry M. St. Amant
 (OLC)
 MSgt. Donald S. Stewart (OLC)
 MSgt. Charles H. Wyer
 TSgt. Elven Bailey
 TSgt. Thomas M. Case
 TSgt. James K. Cullen (2 OLC)
 TSgt. Robert A. Dodds
 TSgt. William P. Maddox Jr.
 (2 OLC)
 TSgt. Robert L. McCulloch
 (OLC)
 TSgt. Edward L. Norris (2 OLC)
 TSgt. Sidney Perry
 TSgt. Kenneth M. Thompson
 TSgt. Paul B. Weiss
 TSgt. Thomas P. Sinclair
 TSgt. Donald L. Youngman
 (2 OLC)
 SSgt. Jack L. Abdon
 SSgt. William E. Bennett Jr.
 (OLC)
 SSgt. Leonard M. Busted
 SSgt. John T. Craig
 SSgt. Buster Fields (2 OLC)
 SSgt. Dennis W. Guinane
 SSgt. Terry C. Hancock
 SSgt. Gary L. Harris
 SSgt. Thomas H. Minton
 SSgt. James E. Johnson
 SSgt. Melvin W. Mann

SSgt. Richard B. Pelmonter
 (OLC)
 SSgt. James P. Reif
 SSgt. Rudy T. Rushing
 SSgt. Nicky F. Scott
 SSgt. Wayne B. Swanson
 SSgt. Stephen M. Thompson
 SSgt. James M. Warren
 SSgt. Robert L. Webster
 SSgt. Donnel C. Wingate
 SSgt. Thomas J. White (2 OLC)
 Sgt. Sidney T. Chambers
 Sgt. John R. Flood
 Sgt. Stephen M. Henron
 Sgt. Irvin R. Kraus
 Sgt. David L. Latak
 Sgt. Michael H. O'Connell
 Sgt. Timothy R. Reinhart
 Sgt. Barbara J. Smith
 Sgt. Jaroslaw Sukmanowsky
 Sgt. Gordon J. Springer
 Sgt. Klaus M. Weichmann
 Sgt. Dennis E. Welliver
 Sgt. Gregory S. Wright
 Sgt. David C. Yates

Weathermen take honors at academy

AWS Hq—Four Air Weather Service NCOs in the top three grades were named outstanding graduates of the MAC NCO Academy's 3d Annual Executive Level Class recently completed at Norton AFB, Calif.

They were SMSgt. George J. Krause, 1st WW, Hickam AFB, Hawaii, SMSgt. Wanless J. Scott, 5th WW, Langley AFB, Va., MSgt. Darrold R. Paulson, 55th WRS, McClellan AFB, Calif., and MSgt. Jimmy F. Pitts, Det. 10, 7th WS, Kitzingen AB, Germany.

Other weathermen graduating in the class of 123 senior NCOs were SMSgt. Richard W. Boardman, Det. 2, 1st WW, Andersen AFB, Guam, SMSgt. John R. Gran, Det. 15, 15th WS, Wright-Patterson AFB, Ohio, SMSgt. Franklin A. Horne, 6th WS, Tinker AFB, Okla., SMSgt. Alois C. Hunkeler, Det. 4, 4th WW, McChord AFB, Wash., SMSgt. William M. Osurn, Det. 5, 4th WW, Hamilton AFB, Calif., SMSgt. Harry J. Kohler Jr., AWS Hq, Scott AFB, Ill., SMSgt. Robert S. Pack, 1st WW, Hickam AFB, Hawaii, SMSgt. William G. Reilly, AFGWC, Offutt AFB, Nebr., and SMSgt. Weslie W. Tindall, AFGWC, Offutt AFB, Nebr.

Also MSgt. Richard M. Hawkins, Det. 30, 6th WW, Vandenberg AFB, Calif., MSgt. Donald R. Jones, Det. 1, 26th WS, Castle AFB, Calif., MSgt. Leo C. Maher, 5th WW, Langley AFB, Va., MSgt. Paul W. Persian, 2d WW, Wiesbaden AB, Germany, MSgt. Robert D. Sturgiss, Det. 31, 25th WS, Nellis AFB, Nev., MSgt. Jerry A. Williams, ARGWC, Offutt AFB, Nebr., and MSgt. Donald E. Young, 53d WRS, Ramey AFB, P. R.

Six airmen selected as outstanding

AWS Hq—Two NCOs and two airmen have been selected as NCO of the Quarter and Airman of the Quarter, while an additional two airmen were named Airman of the Month for various AWS units.

All have been cited for outstanding duty performance, leadership potential, technical ability, etc.

TSgt. Clarence R. Wilchenski was selected as NCO of the Quarter for the 31st Weather Squadron, Ramstein AB, Germany.

TSgt. Ernest L. Armstrong, Det. 6, 6th Weather Wing, L. G. Hanscom Field, Mass., NCO of the Quarter, and A1c Glenn W. Anderson, Det. 30, 6th Weather Wing, Vandenberg AFB, Calif., Airman of the Quarter. Both for the 6th Weather Wing.

A1c Frank E. Taylor, Det. 16, 16th Weather Squadron, Airman of the Month for the 16th WS.

A1c George M. Harvey, Airman of the Month for Det. 33, 3rd Weather Squadron, England AFB, La.

A1c Leonard J. Reese Jr., instructor, Weather Observer course, Department of Weather Training, 3345th Technical School, has been named Airman of the Month at Chanute Technical Training Center, Chanute AFB, Ill.

ON THE skew-^T AWS Global Report

Highlights of Air Weather Service people at work and play

Fort Leavenworth, Kan.

1st Lt. Michael D. Menietti, Det. 16, 16th Weather Squadron, received a MAC Outstanding Individual Safety Award here recently. He was commended for imaginative management of the unit's safety program and development of a course designed to alert new unit personnel to hazards of the local area.

Sunnyvale AFS, Calif.

1st Lt. James M. Bradney, assistant staff meteorologist to the AF Satellite Control Facility and a member of Det. 3, AWS Hq, was selected as Junior Officer of the Quarter for the facility. Lieutenant Bradney has the distinction of being the first AWS officer to be given the award in the ten-year history of the SCF.

Barksdale AFB, La.

MSgt. Charles E. Riggs has received 3d Weather Wing's Observer/Supervisor of the Year Award. Sgt. Riggs is assigned to the Base Weather Station and is a 17-year veteran with AWS.

Hurlburt Field, Fla.

Detachment 75, 5th Weather Wing, received the Air Force Outstanding Unit Award here recently. The award was earned by the weathermen for outstanding service for the period July 1, 1969, to April 15, 1971.

Athenai Airport, Greece

Maj. Charles M. McDonald, OL-C, 2d Weather Wing, led a winning team again this year in the Overseas Combined Federal Campaign. For the second year in a row, OL-C had 100-percent participation and the highest contribution per man here.

Eielson AFB, Alaska

Sgt. Norman L. Cohen, Det. 2, 1st Weather Squadron, was the Honor Graduate of the Alaskan Air Command NCO Leadership School, Class of 72-9.

Fort Riley, Kan.

1st Lt. Horst A. Schenk, Det. 8, 16th Weather Squadron, received a letter of appreciation signed by Maj. Gen. Edward M. Flanagan Jr., commanding general of Fort Riley and 1st Infantry Division here. The letter cited Lieutenant Schenk for his work in organizing an Organic Weather Team and the outstanding support the team provided the division in numerous tactical situations.

Fort Ritchie, Md.

TSgt. Carlton R. Parks, Det. 29, 6th Weather Wing, has been accepted for the Airman Education and Commissioning Program. He will attend Texas A & M and study for a degree in meteorology with classes beginning in June.

Fort Campbell, Ky.

SSgt. Dennis L. Detar, Det. 1, 16th Weather Squadron, was the Honor Graduate of the Military Airlift Command's NCO Leadership School, class of 72-10, at McGuire AFB, N. J.

Tyndall AFB, Fla.

Lt. Von S. Woods, Det. 9, 4th Weather Wing, became the 300th member of the Panama City

Chapter of the Air Force Association. Attending a signing-up ceremony were Bill Truxal, AFA Chapter president, Wallace Kendrick, the 299th member from Panama City, and Maj. Clarence Warfel, Detco.

Kitzingen AAF, Germany

For the fourth consecutive time, the forecasting section of Det. 10, 7th Weather Squadron, has won a MAC Blue Pride Award. The award represents six months of outstanding terminal forecasting for the period July 1, 1971, to Dec. 31, 1971. Detachment forecasters are CWO-4 Eugene M. Maloney, and MSgt's Alfred L. Schwigel and William C. Waterman Jr.

Fort Lee, Va.

Ensign Robert J. Dengler, son of Lt. Col. Raymond J. Dengler, Detco, Det. 41, 4th Weather Squadron, recently graduated from the US Naval Academy, Annapolis, Md. Ensign Dengler will be assigned at Norfolk, Va. until February when he will enter pilot training at Pensacola, Fla.

Fort Ritchie, Md.

Capt. David J. Koczur, Detachment 29, 6th Weather Wing, was recently awarded the Military Airlift Command's Resources Conservation Certificate of Achievement Award. He submitted a suggestion which resulted in a saving of supply funds and improved procedures for the preparation of viewgraph briefing slides. Captain Koczur was also awarded the Detachment 29 Certificate of Achievement Award for outstanding services rendered while serving with the unit.

Zweibrucken AB, Germany

SSgt. Richard Eberbach, Detachment 12, 7th Weather Squadron, Finthen AAF, Germany, along with SSgt. Jerry Cole and Sgt. Stephen Goodwin, both of Detachment 8, 31st Weather Squadron here, prepared a mobile weather van for shipment to Wiesbaden AB. Weather equipment from this van was used at Detachment 8 from the time Zweibrucken Air Base opened in September 1969 until April 1972, when Det. 8's permanent equipment became operational.

Langley AFB, Va.

TSgt. Ronald L. Lindsey, Weather Air Technical Advisor to the 165th ANG Weather Flight in Louisville, Ky., provided weather support recently to Civil Defense authorities when a chlorine barge broke loose from its tow and lodged on the McAlpine Dam along the Ohio River at Louisville. Sergeant Lindsey set up two pieces of wind equipment as part of a wind-measuring network in the area of the barge. If the barge had ruptured, the wind profile would have aided Civil Defense personnel in evacuating downwind affected areas. During the lengthy operation to dislodge the barge, Sergeant Lindsey worked closely with the authorities to monitor environmental conditions. The barge was eventually emptied and dislodged safely.

Air Force weathermen finish in worldwide bowling leagues

Sports Editor Note. Since all AWS types are vivid sports fans and in particular bowling nuts, we thought that for this issue we would run a composite story to include the many "Sports Front" stories we received on this particular form of Aerobics. And, to start out our report we will use the last-place team first. (Ed. B)

AWS Hq—Let's face it, not many bowling teams would send us a story of finishing last in league play, so we thought we would give it first-place billing. The bowling team of Detachment 36, 3d Weather Squadron, Selfridge AFB, Mich., had that dubious honor as they took last-place honors by 7½ points with a 36-and-84 record in the Monday Night Inter-Service League. Lyle Foss held high average with a 169. Earl Maki won the most improved bowler by improving his average 13 points to a 141. Other members of the team were Bud Brackett 161, Tom Paradiso 141, Tom Linnell 132, Bob Yates 143, Bill Maxwell 125, Jim Weatherhead 144, and Joe Butchko 94. The team is currently entered in a Celler Dwellers Tournament in Southfield, Mich., however, we have had no word on their progress.

The 7th Weather Squadron Thunderbolts captured the Yellow Bowling League Championship at Heidelberg, Germany recently. This was the second consecutive year that the Thunderbolts were declared champions. In addition to the championship, the team won Highteam game series. The team consisted of Sergeants Carter, Friesen, Nichols, Schmidt, Stamp and Taylor.

Down at Malstrom AFB, Mont. 2nd Lt. Mayo O. McCulloch, a forecaster with Detachment 6, 9th Weather Squadron took high series handicap with a 716 in the Tuesday Night Intramural Bowling League.

At Scott AFB, Ill., it was MSgt. Don Buck of AWS Hq, and TSgt. Tollie Coakley of the base weather branch making the Scott AFB bowling team that participated in the MAC Bowling Tournament at Travis AFB, Calif. Buck went on to make the MAC team with a 191 average in 18 games and competed in the Air Force Tournament.

Meanwhile, back in Korea the Vultures of Detachment 18, 20th Weather Squadron, Seoul, won 1st place in their winter bowling league with a 81-39 won lost record. They established the leagues high team series 2,942 pins and the high team game 1,028. The team had many consistent bowlers with TSgt. Donald Sowalskie hitting at 674 series. CMSgt. Eduardo Hidrogo took high average honors with a 175. Other team members were Lt. Col. Robert Powers, CMSgt. David Jaynes, TSgt's John Baumgardner, Eugene Thompson, Herbert Lovell, Gorden Haugen and SSgt. Raymond Erland.

Back to Europe we find that Terri H. Stamp, wife of SSgt. William F. Stamp, 7th Weather Squadron Army Flight Support Center at Heidelberg, Germany, was selected as the Heidelberg Women's Bowling Association Bowler of the Year.

In the Intra-ETAC Bowling League the Computer Operations Team, "The New Breed" took first place with "The Chiefs" taking second and the "Bars and Stripes" finishing third. MSgt. Gene Morland received two individual awards, high average scratch 181, and high game scratch 246. MSgt. Fred Sonnier took high series scratch 630 while SSgt. Vincent Cinquemani took high series handicap with a 678. Most improved bowler for men went to 1st Lt. Roger Greenway and one for women to A1c Dawn Heller, both improved their average by 13 pins.

The 9th Weather Reconnaissance Wing won their division of

the McClellan AFB Intramural Bowling League for the 3d year in a row. They also won the Base Championship with a 389 pin win over the winners of the other division. Participants and their statistics for the roll off were Daryl Zimick, six games, 1218 pins, high series 631 and a 203 average, Bob Cote, six games, 1170 pins and a 194 average, Rich Chapple, five games, 835 pins and a 167 average, Don Hentzy, four games, 754 pins including a high game of 241 for a 188 average and Dick Kluever, three games 569 pins and a 189 average. Other team members were Paul Phillips, Chuck Conover, Eugene Rockafellow and Herb Linder.

Over in Hawaii, the 1st Weather Wing bowling team won the championship of the Hawaii Intramural Bowling League at Wheeler AFB. In the six game final the weathermen totaled 5,677 points to win the championship by 221 pins. Team members were Capt. Raymond Jojola, MSgt. Henry St. Amant, TSgt's Elmer Sinclair, Arlo Smith, Joseph Stewart and Sgts. John Glatt, Robert Pina and Daniel Olivieri.

Across the seas again to England we find that Sgt. Arthur W. Botjer of Detachments 3, 31st Weather Squadron won the U. K. Singles Championship in the U. K. Championship Bowling Tournament held at RAF Lakenheath. Botjer won with series of 533 and 716 with high games of 246, 256 and a 214 for the highest series scored in the tournament. He also finished 17th in all events and was selected as a member of the U. K. team to bowl in the USAFE Championship tournament.

Up at McChord AFB, Detachment 4, 4th Weather Wing's bowling team recently took second place in a 25th Norad Region bowling league tournament. The weathermen were defending champions of the 71-72 season. SSgt. Jack W. Moline bowled high series with handicap and TSgt. Robert E. Van Buren was voted most improved player. Other members were MSgt. Jesse D. Lintzen, TSgt. Robert W. Gunderson and Robert W. Starling and SSgts. Michael Kollmeyer and Howard F. Stalker.

SPORTS

FRONT



Volleyball Winners

WIESBADEN AB, Germany—The 2nd Weather Wing, aided by the sparkling efforts of Player-Coach Jack Haneklau, won the Wiesbaden AB Volleyball league championship.

Tennis Champ

CHING CHAUN KANG AB, Taiwan—Capt. Don R. Keith, Detachment 23, 1st Weather Wing, recently won the base open singles tennis tournament. He will now represent the base at the Taiwan island-wide tennis meet in Kaohsiung.

Rifle Competition

ENT AFB, Colo.—1st Lt. Robert C. Backstrom, 4th Weather Wing Hq, dominated the first two days of the small-bore rifle competition in the ADC small-arms championship at Tyndall AFB, Fla. He won the 50-meter prone match, the three-position metallic-sight match and the three-position any-sight match. He also won the Individual Grand Aggregate Competition with a score of 2,746-28x.

Softball Tournament

OFFUTT AFB, Nebr.—In the pre-season softball tournament, a strong AFGWC team dominated and defeated 3902nd Hq Sq Section team by a score of 13-3. In four games AFGWC compiled 35 runs to the opponents' 8. Much of the credit goes to a strong defense and the pitching of Jesse Gunter and Robert Onate. Willie McLean hit two homers; Frank Adams and Dick Pruitt had one each.

Fishing Derby

KITZINGEN AAF, Germany—Kevin Waterman, six-year-old son of MSgt. William C. Waterman, Detachment 10, 7th Weather Squadron, won the annual fishing derby sponsored by the Rod and Gun Club here. His rainbow trout weighed 5½ pounds and measured 60cm. Kevin caught his big fish using a night crawler and used a number 2 meeps spinner to also land a 3 pounder.

Handball Champs

KITZINGEN AAF, Germany—Members of Detachment 10, 7th Weather Squadron, won the Harvey Barracks team international handball championship here recently. The weathermen, led by Rick Spencer, finished the regular season with only one loss and won both the semi-finals and the finals by one point margins. Tommy Wilson scored three key goals in each game and was voted the playoff's most valuable player. Other team members are Joe Johnston, Walt Wilson, Gary Abernathy, Larry Davis, Ed Nielsen, Dick Yanikoski and Al Schwigel.

Racquetball

HAHN AB, Germany—Detachment 14, 31st Weather Squadron, finished in 2d place in the intramural racquetball championship. They finished their season with a 15-3 record. Supplying the fire-power for the weathermen were Mike Smith and Charles Nelson.

Hole-In-One

OFFUTT AFB, Neb.—Ben Lawrence, a GS-13 assigned to the Automation Section of AF Global Weather Central, scored his first hole-in-one at the Capehart Golf Course near here June 11. He used a five iron on the 180-yard par-three seventh hole. Witnesses were Col. Newton R. Galligar, Maj. Lynn Leblanc and Capt. Peter Soliz.

Monster of the Comm. Room ...

