

2 articles from 1973, none from '74

AIR WEATHER SERVICE

# OBSERVER

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Headquarters, Air Weather Service, Scott AFB, Ill.

January 1974

## 3rd WW historian earns chance for USAF 'Historian of Year'

Capt. Mervin G. Davis, currently assigned to Detachment 5, 3d Weather Wing, Malmstrom AFB, Mont., has been named as the AWS candidate for USAF's "Wing Historian of the Year Award" for fiscal 1973 for his work in compiling and editing the July 1 - Dec. 31, 1972 1st Weather Wing history. The award is presented in recognition of the best wing history during the previous fiscal year.

Captain Davis' history was selected in competition with 11 other semi-annual AWS wing histories. A 5th Weather Wing

history for the same period, prepared by CWO Alton V. Jones, was placed second in the competition.

A highlight of Captain Davis' history, according to Mr. John F. Fuller, the AWS historian, was a 24-page historical summary of Special Warfare Weather Team operations in a criti-

cal classified area of concern in Southeast Asia. It was co-authored by Maj. Joseph A. Schmitt, formerly the assistant staff meteorologist to PACAF who is now retired and living in Evansville, Ind. Another significant feature was the inclusion within the history of over 400 relevant and pertinent supporting documents, most of which were classified.

Captain Davis was MAC's fiscal 1972 nominee for the same award for an earlier 1st Weather Wing history he prepared. He received a letter of commendation for it from Brig. Gen. Brian S. Ginderson, chief, Office of Air Force history.

## Imbalanced AFSC policy clarified

Word is that people who have imbalanced AFSC are not completely aware of assignment policies which apply to them.

Personnel officials say an airman who has an imbalanced AFSC will be selected for overseas assignment in the imbalanced AFSC only. Aircrew members and people who have CAFSC 464X0 are excepted. Once the imbalanced AFSC is awarded, it may not be withdrawn until five years have passed since the person worked in the AFSC. So eligibility for overseas assignment in the imbalanced AFSC will continue until it is withdrawn.

People who are selected or are voluntarily retrained into the imbalanced skill, should be counseled on this policy.

## Observer starts AWS Swap List

With this issue of the Observer an exchange list for airmen is being started for Air Weather Service personnel. The listing will be run the same as the one presently being conducted in the Air Force Times. It will apply to AWS people only.

The rules for trading assignments are outlined in AFR 39-11. If you meet the criteria outlined in the regulation and want to swap, complete the coupon on Page 3 and mail it to AWS/CMS, Scott AFB, Ill. 62225.

Remember, only CONUS to CONUS, and Intra-theater swaps can be made.

## OBSERVER gets new face

As you have probably noticed, the Observer has a new face -- an appearance different from the issues of the past year.

Each year, according to law, the contract for printing has to be rebid and awarded. As a result the Observer will be printed by a different printer for the calendar year 1974.

During the next year we will strive to improve the quality of the Observer and give you the Air Weather Service (AWS), Military Airlift Command, and Air Force news and information in an interesting and attractive package.

However, we can only print the worldwide AWS news which you tell us about. Each of your units, regardless of size, should have an information officer or NCO. That person is your Observer representative. Give him your news tips and he will forward the information to the Observer editorial office.

The Editor

## Gen. Aldrich tells meteorologists of his experiences as Lajes CO

The feature speaker at the Greater St. Louis Chapter of the American Meteorological Society November 15, was Brig. Gen. Thomas A. Aldrich, commander of the Air Weather Service.

More than 100 members and guests of the AMS heard General Aldrich tell of his experiences as commander of U.S. Forces, Azores, and commander 1605th Air Base Wing. The general related how he was given the opportunity of a life time to represent the United States government in the Azores and host the many dignitaries passing through the Portuguese Islands.

General Aldrich had been advertised as the November AMS featured speaker with the mystery title, "Saint Thomas of Lajes."

The general began by telling that during his entire tour (1971-1973) in the Azores, the rainfall was below normal for that area. The Portuguese have no deep wells on the entire

island and only small reservoirs and springs are available for fresh water. During the spring and summer of 1972 the water shortage became critical.

During a meeting between General Aldrich and the Portuguese Island Governor the critical water situation was discussed. General Aldrich knew the Department of Defense had resources available to assist in rain enhancement. The Portuguese asked for United States' assistance, and the United States Navy, at General Aldrich's request, immediately responded with a WP-3 aircraft and rain-making equipment. As a cold front approached the islands the clouds appeared, but without rain. The Navy applied the chemicals to the clouds, the rains came.

The island people praised the Air Force general that brought the rain and to this day Gen. Thomas A. Aldrich is known to the Portuguese as "Saint Thomas of Lajes."

General Aldrich also noted

the 7th Weather Squadron in Germany.

The mission of the weather people was to provide weather support to the Divisional Tactical Operations center of the 1st Infantry Division (MECH).

one of the highlights during his two years at Lajes was when President Nixon came to the island for a tripartite meeting with President Georges Pompidou of France and Prime Minister Dr. Marcello Caetano of Portugal. He explained how all the personnel at Lajes volunteered to make President Nixon's visit and the tripartite conference a total success. Many families volunteered their private automobiles and the servicemen's wives chauffeured the cars to provide limousine service for the dignitaries, including President Nixon, Secretary of State William P. Rogers, Secretary of the Treasury John Connally, Dr. Henry Kissinger.

General Aldrich noted security was tight and protocol was strict throughout the visit. He and Mrs. Aldrich received a number of mementoes from President Nixon. Among these were a handwritten thank-you note and a highlighted passage in the Aldrich's Family Bible: Galatians 5:22.

The AWS people involved in the operation from Det. 8 were 1st Lt. Mickey L. Stilson, forecaster; and five enlisted observers - SSgt. Edmund T. Calvert, Sgt. John Bregem, Sgt. Timothy N. Coyle, A1C John G. Raleigh and A1C John R. Schendel. The 7th WS representatives were Maj. Everett D. Figgins, staff weather officer, and SSgt. Charles Hatcher, observer.

The observers took and sent out field (tactical) weather observations using METAR weather code. By using a radio teletype receiver, they were able to link up with the U.S. Army in Europe Forecast Center. Major Figgins and Lieutenant Stilson were then able to correlate the local weather observations and the data received by teletype and give daily information briefings to Maj. Gen. Gordon Duquemin, commanding general. They were also able to keep the G-2 (intelligence) section informed about the latest weather developments.

During the operation, the WETM personnel ate, slept and worked under the same field conditions as did the Army troops.

SSgt. Edmund T. Calbert, said the exercise was a unique experience, both professionally and culturally. He said the WETM "found out that there can be many jobs within one main job (observing) and they (WETM) had a wonderful chance to see another part of the world."



YOKOTA AB, JAPAN -- TSgt. Gary L. Lifer, Detachment 17, 20th Weather Squadron receives a certificate signifying him as the squadron NCO of the Quarter for the third quarter of 1973. Sergeant Lifer, who is assigned to the Intermediate Maintenance Shop, accepted the award from Col. William E. Smurro, commander of the 20th WS. Lifer was promoted to master sergeant Dec. 1, 1973. (U.S. Air Force Photo)

## 16th WS Organic Weather Team takes part in REFORGER V

FT. RILEY, KA -- The Organic Weather Team (WETM) of Detachment 8, 16th Weather Squadron played an active role in Exercise REFORGER V which took place in Germany this past fall. The WETM was also joined by two people from

# Command Line

Brig. Gen. Thomas A. Aldrich



The "in thing" for our contemporary leaders and managers is to publish a report after the first 100 days or so of their administrations to give their assessments of what they have seen, done and are going to do. If they are important enough, in fact, someone else will publish a book or story about these first 100 days. I would like to give each of you such an assessment.

By the time you read this I will have visited all of the major AWS headquarters and many of our overseas and CONUS operating locations. I am pleased with all that I have seen and heard, and I am especially pleased with the comments made by our customers concerning the operational necessity of our service to their mission. The MAJCOM commanders, to a man, have emphasized to me the essential support which you provide to their operations and their personal concern that there be no further curb in quantity and quality of environmental service.

I have recently completed briefing them on a thorough MAC analysis of AWS which was called the "Wall to Wall Briefing." An in-depth review of each function of AWS was provided with emphasis on the self-generated and externally prompted reductions. The MAJCOM commanders clearly understand that there is no more fat in the AWS system and that any other cuts will directly affect their support. So, now they are on our bandwagon, not to get more spaces, but to keep what we have and see that we keep what is needed to do our job in giving them the vital support they absolutely must have.

All is not peaches and cream, however. We find ourselves in a period of turbulence almost unprecedented in AWS history. The drastic reductions in force immediately following the "big" wars were predictable and caused no major change in

our operating philosophy. The period of ever increasing austerity in which we now find ourselves, however, demands that we keep the maximum amount of muscle with the least amount of the most important resources we have - people. In AWS we have already been reduced to a total force of just under 8,000 (which I consider to be an absolute floor for our present mission). But, we must continue to support our strategic deterrent force, tactical airpower, major Army combat units, and the myriad of other Air Force, Army, and DOD customers with quality service.

How can we continue to do that with the "can do" attitude that the AWS family has always brought to its mission accomplishment?

We must change the basic methods with which we have met our customers' requirements. No longer can we afford to have eyeball to eyeball contact between a forecaster and a pilot who is on an administrative flight or a four-hour training flight. We in AWS have never flown just for flying's sake, but now every one of our reconnaissance missions must come under command scrutiny to assure its absolute essentiality. The selective reconnaissance program is how we are meeting our reconnaissance missions with fewer flying hours. Our aircraft are on call to survey suspected areas of concern which are pinpointed by satellite meteorologists - a vital, growing, and challenging portion of our profession. This type of aircraft use saves flying hours, fuel, and other resources, but still gets the job done.

You are all familiar with the many other programs which have been initiated which have the same goal - save resources but get the essential mission accomplished.

The two-observer work centers, weather station and ROS, are out. We can no longer live

with an observer who is not fully utilized in the ROS, or with a forecaster who because of a lack of customers has time to work on his ECI courses. When we pool the forecasters in geographical areas they are able to support remotely the administrative flights, and provide service to several remote locations. An easy task? - Absolutely not, but it must be done.

With fewer forecasters in the base weather stations, it is inevitable that the man who is most often taken for granted and who traditionally has been the one-armed paper hanger - the observer - will be asked to do more. The observer is now more involved with radar, with the PMSV radio, and must use the eyes of the control tower operator to complete a weather observation. I assure you that I have not and will not take the observer and all of the work that he does for granted. Nor can the contribution of the maintenance troops be overlooked. These people are the essential building blocks of the service that we provide. Certainly, there are plans afoot to automate the majority of AWS operations, beginning with the weather observation and its dissemination. In fact, even the radar observation may someday be recorded and disseminated in a hands-off mode.

I certainly don't expect to light a fire of motivation within

all of you by merely telling you what you already know about the preceding items or to motivate you by my writing. What I do hope, however, is that the motivation to keep doing the quality of work everybody expects from AWS, under all the pressures of more work with less people, must come from within each and every one of us.

Has anything really changed from the day we raised our right hands and joined the Air Force?

Those who used the Air Force as an escape mechanism are either out of service or have been converted to doing their part of the Air Force job like pro's. There simply is no more room for dead weight. So, has anything really changed? We have always been a volunteer force! Now we've got the same job to do, but more of it. So, what else is new!?

I am very proud of the fact that moaners and groaners are somewhere else other than AWS, and hopefully they are not in uniform at all. The goals we had set for ourselves are still there, and still attainable, so let's stick with our profession and AWS.

The name of the players' position may change but military meteorology will be a science and art for as long as the U.S. must maintain a viable force to protect the national interest. Change, therefore, in

terms of updating, modernizing, and reshuffling our resources is the name of the game. And, we must never lose sight of the fact that this is not happening only to AWS, but is a way of life for all of the USAF. The remotely piloted vehicle, satellites, and new concepts of command and control are altering the USAF. We must not drag our heels, but rather we must hang in there hard and be thinking innovatively with our customers.

Your ideas are important to me and the Air Force. Use your suggestion program, rap sessions, and let me know your ideas as I come around to see you. I expect the AWS family to be vitally involved in the various base councils and community relations programs to perpetuate and improve the Air Force way of life. This means devoting time and brain power to the total effort. That is what I expect.

I am looking forward to seeing each and everyone of you in the AWS family. Let's keep up with the times and even keep ahead of our customers. We are the experts in weather sensing, planning, and mission tailored support. Let's keep it that way in these days of changes. Everyone worth his salt loves a challenge in life. This we have in abundance in AWS! Let's all have at it!

# Air Weather Service CO assesses first 100 days

## Weather Whys??

Weather Whys?? is a regular feature of the Air Weather Observer. The questions come from you and the answers come from the Air Weather Service commander and his staff. If you have a question, send it to Commander,

Air Weather Service, Scott AFB, Ill. 62225. Each question will be answered; however, all of the questions and answers may not be published in the Observer because of space limitations.

Question: I am a single staff sergeant who is required to work shift. At my last base, I was authorized separate rations due to my rank and shift work. However, the base commander here will not allow me to ration separately even though conditions are the same as they were at my last base. This doesn't seem right and can't something be done to standardize the BAS policy.

Answer: True, it doesn't seem right but there's probably more here than meets the eye. I can't comment on your specific case because you didn't provide all the facts. However, based on a recently completed survey by our weather units at all CONUS and overseas bases, there are variances in BAS policies from base to base. Using these results we are going back to each MAJCOM and asking that BAS policies be standardized to the extent possible within the command. Additionally, I have asked that this subject be placed on the agenda at the next USAF Career Motivation Conference. I would like to see all airmen placed

on BAS but this is not feasible due to monetary reasons. Personally, I feel the AF dining halls consistently serve some of the most appetizing meals. If you don't meet the criteria for BAS, I recommend utilizing the dining facility until you status changes.

Question: Sir, recently I went to the CBPO for a records review and found that my choices of CONUS assignments had been deleted. I asked for Army bases and the CBPO said it could not be coded into the system. Isn't there something you can do?

Answer: Yes, and appropriate action has already been taken. CONUS Army bases are being added to the list of assignment preferences included in AFM 300-4. In the meantime, if you want to volunteer for an Army base and the manual still hasn't been updated, send a copy of your AF Form 392 to AWS/CMS and we'll get it to MAC Personnel Assignments.

Question: I am a shift worker and feel that I do not have the same opportunities available to me as the straight day worker. For example, most of my mili-

tary appointments are scheduled during my break while the day worker gets to do them as part of his normal 8-hour day; even the meals in the dining hall cater to the day worker. Isn't this discrimination and can't something be done about it?

Answer: In some respects you are absolutely correct! However, to establish a hard-and-fast rule and state that all appointments, etc., will be scheduled as part of the normal work day would unjustly penalize some individuals and units. I will, however, send a policy letter to all commanders stating that, to the extent possible, no additional duties or appointments will be scheduled on a shift worker's time off. An appointment or military function immediately following a mid-shift or immediately before a swing shift should not cause undue hardship and may be scheduled. Hope this will solve your problem as it is awfully hard to legislate good, sound management.

## AIR WEATHER SERVICE

## OBSERVER

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BRIG. GEN. THOMAS A. ALDRICH  
Commander, Air Weather Service

ALBERT H. SWIHART  
Editor

## Pearls from the Palace

### The Rated Supplement

#### Part II

by Maj. David E. Smart

This is the second of a fourpart series on the rated supplement. The first gave a general overview of the rated supplement and provided the rationale behind the supplement. This part covers how a rated officer enters the supplement for duty as a weather officer.

As discussed last month in Part I, the rated supplement provides a trained resource of rated officers for use during increased rated officer requirements. However, before one is approved for duty in the supplement, he must have achieved certain rated experience milestones, e.g., specific number of flying hours. In addition, he must be considered first against current requirements in his specific rated specialty. Once the decision is made that a particular officer will enter the supplement, the officer's desires, qualifications, and the Air Force requirements in specific non-rated career fields are considered in determining the requirements for a particular career field. As pointed out in Part I, this serves to protect the career opportunities of the nonrated officers in the career field. Now let us review how a rated officer can enter the weather career field.

The movement of an officer from a flying job into the supplement and duty as a weather officer can be accomplished through several avenues:

1. Officers with an academic background in meteorology may request a duty AFSC change to 25XX (AF Form 2095 through the CBPO assignment section in accordance with paragraph 1-19, AFR 36-20.)

2. Officers may request entry into Basic Meteorology Train-

ing, course 60BE2521 (AF Form 215 through the CBPO formal training section in accordance with AFM 50-5) which, if approved, will result in his assignment as a weather officer upon graduation from school.

3. Completion of an AFIT advanced degree program in meteorology will result in a direct duty assignment in the supplement as a weather officer.

4. All rated officers who are on the move (completing overseas or CONUS stabilized tours) are screened at the Air Force Military Personnel Center (AFMPC). If qualified for 25XX duties, they are considered for weather officer duty in the supplement.

5. An officer who is not on the move, but qualified for 25XX duties, may be identified by the local commander, or by the major command, for movement to a 25XX position within the command.

6. Finally, AFMPC may levy the major commands for qualified weather officers to move into the supplement.

Each of these avenues of supplement entry requires AFMPC approval to insure controls are maintained over the number of pilots and navigators assigned to the 25XX career field. The next article in this series will discuss the supplement tour as a weather officer.

## AWS retirees reunite

SAN JOSE, Calif. - A group of retired Air Weather Service officers and their wives met at the Marines' Memorial Club in San Francisco in late October to renew old acquaintances.

Col. Howard Turner, Tinker AFB, Okla., told the group of the latest Air Weather Service activities.

According to Lt. Col. Milt Sipple, the retirees who attended the meeting were from the San Francisco bay area within the San Rafael-Sacramento-Monterey triangle. The reunion was arranged by Lt. Col. Daryl Moyer of San Jose and he was assisted by Maj. Joe Benoit of San Mateo.

Colonel Sipple said the group agreed to form reunions of ex-AWS officers in the central California and Nevada area. They hope the next annual meeting will be held not later than October 1974 and probably in the Sacramento area.

Ex-AWS officers now residing in central California or Nevada may contact Colonel Sipple at 2589 Dumbarton Ave., San Jose, Calif. 95124.

The AWS retirees who attended were Brig. Gen. and Mrs. Arthur Kellond, Col. and Mrs. Wayne Bogard, Col. and Mrs. Mark Brown, Col. and Mrs. Donald McGaughey, Col. and Mrs. Arnold Zimmermann, Lt.

Col. and Mrs. Hugh Ellsaesser, Lt. Col. and Mrs. Robert Fett, Lt. Col. and Mrs. F. Mears, Lt. Col. and Mrs. William Meyers, Lt. Col. and Mrs. Daryl Moyer, Lt. Col. and Mrs. Frank Savage, Lt. Col. and Mrs. Milt Sipple, Lt. Col. and Mrs. William Woodworth, Maj. and Mrs. C. Joe Benoit, CWO. and Mrs. Freeman Smith and Col. and Mrs. Howard Turner, the guest speaker.



**SIGNING ON AGAIN** is TSgt. Leslie Shreve under supervision of the highest order as he commits himself to four more years of Air Force life. Sergeant Shreve is a member of LGM in Hq., Air Weather Service (AWS). The supervisors during the occasion are his son, Les Jr., and Brig. Gen. Thomas AWS commander. (U.S. Air Force Photo)



**ELLINGTON AFB, TX--A1C Jay M. Ogden, an observer with Detachment 28, 15th Weather Squadron accepts a certificate denoting him as Airman of the Quarter from Col. Donald Robinson, commander, 2578th Air Base Group. Airman Ogden received a \$25 savings bond plus free dinners at a local restaurant. (U.S. Air Force Photo)**

## Education money available from Air Force Aid Society

ARLINGTON, Va. (MNS) -- The Air Force Aid Society is encouraging Air Force people with college-age children to apply for educational assistance for the next college year. The deadline is Jan. 31, 1974.

The Air Force Aid Society ad-

## Many qualify for bonus

RANDOLPH AFB, Tex. -- With 13 states and Guam now offering a tax-free bonus of up to \$1,600 to Vietnam veterans, including those still on active duty, the Air Force Military Personnel Center here has provided a complete listing of participating states and application procedures to consolidated base personnel offices (CBPO).

States offering bonuses are Connecticut, Delaware, Illinois, Indiana, Iowa, Louisiana, Massachusetts, Minnesota, North Dakota, Pennsylvania, South Dakota, Vermont and Washington.

ministers the Gen. Henry H. Arnold Educational Fund which provides interest-free loans to dependent children of Air Force people for their first, second, third and fourth years of college or vocational training.

Loans are made annually starting with the fall term and may be renewed upon reapplication each year if the student continues to qualify. Students requesting financial assistance must furnish academic credentials showing their ability for higher education.

Beginning with the 1974-75 academic year, a fifth year of assistance will be made available to graduating seniors entering their first year of graduate work and undergraduate

## Thailand no-risk

Thailand is now being treated as a normal short tour assignment according to the Air Force Military Personnel Center (AFMPC).

The change came because of the present non-existence of combat risk for Air Force members assigned to Thailand.

This means that previous Southeast Asia (SEA) credit is no longer a restraining factor when selecting personnel for assignment to SEA. Assignments are now based on "Short Tour Return Date" (STRD) and short tour history only.

AFMPC says that assignments will remain firm for all people who have a SEA assignment under the old policy, with an "Assignment Selection Date" (ASD) prior to Nov. 1, 1973.

CBPO has full details.

## Swap List

The Observer Airman Assignment Exchange list is designed to serve Air Weather Service personnel. The eligibility rules for exchanging assignments are contained in AFR 39-11. If you meet the criteria and would like to swap, fill in the coupon and send it to AWS/CMS, Scott AFB, Ill. 62225.

Present Wing: (Circle One)

1 WW 2 WW 3 WW 5 WW 6 WW 9 WW

Name: \_\_\_\_\_ Rank: \_\_\_\_\_  
(Last, First, MI)

CAFSC: \_\_\_\_\_

Present Base: \_\_\_\_\_

Mail Address: \_\_\_\_\_

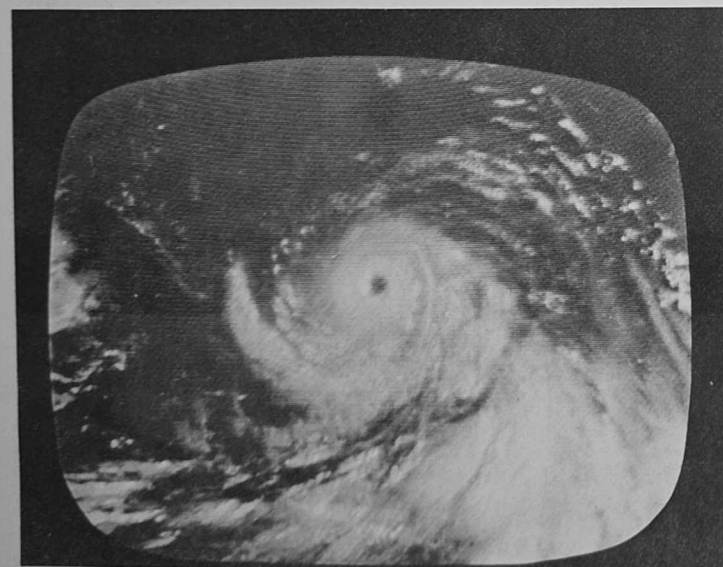
Want to go: \_\_\_\_\_  
(Base)

# Det. 8, 20th WS uses TV for typhoon education

**'You're watching a typhoon churning through the Pacific. The wind in the storm is in excess of 100 knots'**



ON THE AIR -- Capt. John Phillips (right) and Lt. Jack Hayes present the typhoon story on video tape in the Far East Network studios in Okinawa. (U.S. Air Force Photo)



DAPP PHOTO -- Air Weather Service DAPP data photos were used to discuss satellite monitoring capabilities and to discuss the selective reconnaissance program. DAPP data is used extensively on FEN when typhoons threaten the island. (U.S. Air Force Photo)

Those words were the introduction which began a 15-minute special information television program about typhoons. The program was produced by Detachment 8, 20th Weather Squadron and OL-AA Broadcasting Squadron (Far East Network-Okinawa).

Okinawa lies in a high threat typhoon area, commonly known in that area as "typhoon alley." And one of the most important aspects of the typhoon season

is the prompt, accurate release of information to the public. But even more important is the education of the military community on what a typhoon is and what kind of a threat the storms actually represent.

In early April, Lt. Col. Lawrence Hansrote, commander, Det. 8; Capt. John Phillips, Det. 8 weather officer; Capt. George Clark, FEN station manager; and Warrant Officer Robert Neely, FEN director of opera-

tions met to discuss the 1973 typhoon season and the operating procedures that Det. 8 and FEN would use for releasing typhoon information TV program was born.

Captain Phillips and Lt. Jack Hayes began writing the script. The 1972 Annual Typhoon Report was used as one of the primary sources of fact and figures for the planned program.

First the origin and classification of tropical cyclones was covered. A comparison was made to hurricanes. The object was to show that statistically typhoons are larger and more intense. After showing the severity of a typhoon, Lieutenant Hayes went into a discussion of early detection of storms and the operation of the Joint Typhoon Warning Center (JTWC). Methods of surveillance were reviewed and included aircraft reconnaissance, land and ship radar, and weather satellites. Particular emphasis was made concerning the use of Air Force Weather Service DAPP data and the selective reconnaissance program.

With the island warning system being so important, Captain Phillips then reviewed Okinawa's typhoon conditions and the definition of each.

Then Det. 8 ask themselves in the script, "How well do we do at forecasting typhoon movement?" To answer the question they showed slides showing the

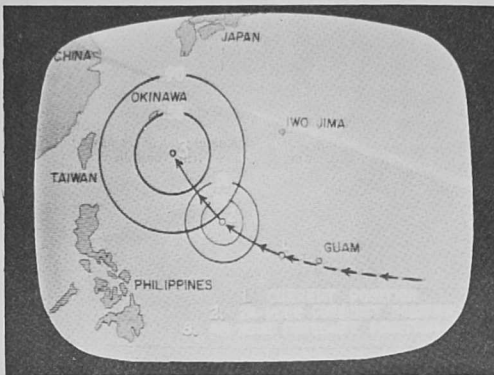
1972 storm tracks, including the best track of typhoon Rita which "broke every rule in the book." The importance of the warning system was further emphasized by discussion the 24, 48 and 72 hour mean vector errors for 1972. For comparison purposes they used some 1960 figures to try to portray the improvement in the warning system and techniques.

The script closed urging everyone to prepare for the 1973 typhoon season.

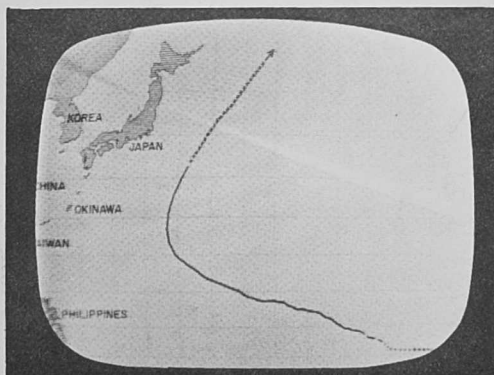
With the script finished, then came the job of preparing visual aids to support the program. Mr. Kujan Kimio, FEN's staff artist prepared 35mm slides. Other visuals included a time lapse film of typhoon Billie that passed east of Okinawa in 1970. The film had been made by Capt. Doug Cone, formerly of Det. 8. They also used several 35mm slides of DAPP products.

Then came time for the actual TV taping program. Marine Gunnery Sergeant Paul Thompson, NCOIC, of the TV Production unit, molded the efforts of the script writers, and visual aids technicians into a professional television program. With Captain Phillips and Lieutenant Hayes in front of the cameras and Sergeant Thompson directing, the video taping session lasted about an hour.

The program was aired to the Okinawa military community.



48-HOUR FORECAST -- This slide depicts the forecast error worth time. It served to reinforce the importance of our typhoon warning system. The slide was supplied by the Joint Typhoon Warning Center. (U.S. Air Force Photo)



TYPHOON TRACK -- Typhoon Olga followed a fairly smooth path last year. The photo was used to show an example of typhoons that recurve. (U.S. Air Force Photo)

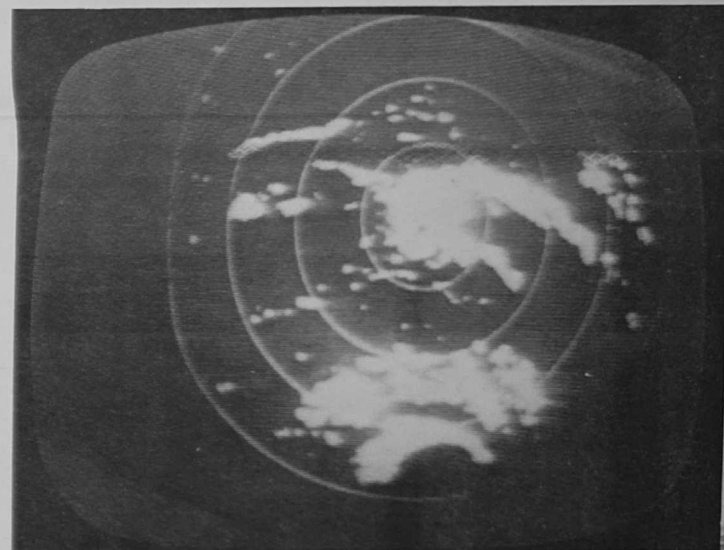


BROKE EVERY RULE IN THE BOOK -- Typhoon Rita maintained super typhoon strength for three days during her life with maximum wind of 145 knots. She made two loops during her track and lasted 22 days -- the longest typhoon on record. (U.S. Air Force Photo)



SIGN-OFF -- The visual aid shows the cooperative effort of the Far East Network and Det. 8, 20th Weather Squadron to inform the TV viewing

audience in their area of the importance of being knowledgeable of typhoons and their dangers. (U.S. Air Force Photo)



RADAR VIEW -- This is one frame from a time-lapse film from Kadena Air Base's center radar which was used in the program to demon-

strate how radar is capable of tracking typhoons. The storm was Typhoon Billie which passed east of Okinawa in 1970. (U.S. Air Force Photo)

**Condition 1 (CAUTION)**  
Winds of 50 Knots  
Experienced at Naha,  
Kadena, Hamby or Futema

**Condition 2**  
Winds of 50 Knots  
Anticipated Within  
24 Hours

**Condition 3**  
Winds of 50 Knots  
Possible Within  
48 Hours

**Condition 4**  
Winds of 50 Knots  
Possible Within  
72 Hours

**Condition 1 (EMERGENCY)**  
Winds of 65 Knots  
Experienced at Naha,  
Kadena, Hamby or Futema

CONDITION SLIDES -- This series of photos show the worsening condition of the typhoon. The slides are shown on FEN TV when typhoons threaten the area. (U.S. Air Force Photo)

## WOULD YOU BELIEVE...

TSgt. Jerry P. Faulkenberry, chief observer in the base weather station at Langley AFB was named NCO of the Quarter. Sergeant Faulkenberry, a member of the 5th WW, was reassigned to Chanute AFB in mid-November to become an instructor.

Det. 9, 12th WS is on a list of those organizations at Tyndall AFB, FL that have completed one or more years without a reportable accident. The detachment has now operated more than 13 months accident free according to Lt. Col. Henry F. Lackey, Tyndall's chief of safety.

Col. George S. Akers, commander of the 11th WS, Elmendorf AFB, AK was recently awarded the Meritorious Service Medal for outstanding service as Operations officer, 6th WS (Mobile), Tinker AFB, OK from Jan. 3, 1969 to Jan. 15, 1973. The award was presented by Maj. Gen. Charles Carson, commander of the Alaskan Air Command.

Det. 28, 15th WS at Ellington AFB, TX received a new AN/EP-77 weather radar unit. After operating a year without radar, Det. 28 now provides better weather information to their customers.

TSgt. Robert O. Jones, 11st WS, Elmendorf AFB, AK was recently awarded the 1st Oak Leaf Cluster to the Air Force Commendation Medal. Sergeant Jones is the Quality control NCO for the LGM section of the squadron. Col. George S. Akers, the squadron commander presented the award.

Det. 14, 12th WS at Richard-Gebaur AFB, MO surpassed the goal set for them in the Combined Federal Campaign Fund drive. Under the direction of SSgt. Frederick L. Watterson, campaign project officer, the unit had 100 per cent participation and collected \$350. Their suggested goal was \$200.

Sgt. Claude W. Glass, Det. 29, 15WS, Buckley ANG Base, CO was recently presented the Air Force Commendation Medal. The award was presented to the sergeant for his service as an administrative specialist at the 5th WW from Dec. 15, 1971 to July 15, 1973.

Capt. Cam J. Tidwell, Jr., was awarded the first Oak Leaf Cluster to the Air Force Commendation Medal for service while assigned to the Aerospace Sciences Division, Hq., 5th WW from Jan. 5, 1971 to Aug. 15, 1973. Captain Tidwell is assigned to Det. 4, 15th WS, Altus AFB, OK.

MSgt. Milorad R. Knešević a forecaster at the TAC/WSU at Langley AFB, VA was named Distinguished Graduate of Class 74-3 of the MAC NCO Academy.

SSgt. Theodore J. Klein II, Det. 4 15th WS, Altus AFB, OK was awarded the Air Force Commendation Medal for service as a Weather Editor while assigned to the European Weather Central, Det. 40, 2nd WW, RAF Croughton, England from Nov. 16, 1970 to Aug. 4, 1973.

## Career airmen offered chance for early out

RANDOLPH AFB, TX -- Career airmen will be offered the opportunity to separate before completing their reenlistment contract under a test program announced by the Air Force Military Personnel Center (AFMPC). While separation is not guaranteed, airmen meeting certain criteria can request separation for personal reasons.

Unlike many programs of recent years designed to reduce strength, this program is primarily intended as a further step toward the all volunteer force. Approval of each appli-

cation will be weighed against current needs of the Air Force. Air Force hopes the majority of the requests will come from AFSC's, year groups and grades which can stand some trimming to achieve the TOPCAP structure.

The program is open to enlisted members who have completed six years' active service and at least a year of service since the last reenlistment or permanent change of station (PCS). To qualify applicants must not have an established assignment selection date, and overseas-based applicants

must complete their prescribed tour.

Eligible airmen may request separation as early as 60 days subsequent to application or as late as June 30, 1974. AFMPC officials advise that career airmen who separate under this program will be required to repay the unearned portion of reenlistment. Each application will be evaluated on an individual basis in the context of total force personnel management requirements, and the needs and requirements of the total force will dictate whether or not the airman is allowed to separate.

Airmen who are separated under this program will be encouraged to seek affiliation with ANG/USAFR units in order to continue as members of the total force.

Interested personnel should contact their consolidated Base Personnel Office (CBPO) for further details and assistance. Applications should be prepared as outlined in Air Force Manual 39-10, paragraph 2-1.

## Strength down

WASHINGTON (AFNS) -- Air Force strength Nov. 1 was 680,450, compared to 681,731 members Oct. 1. There were 713,119 blue suit wearers Nov. 1, 1972. Combined strength of all the military services totaled 2,226,822 Nov. 1, compared to 2,231,908 Oct. 1. Active-duty strength Nov. 1, 1972, was 2,371,574.



HICKAM AFB, HI. -- Lt. Col. Hiroshi Nishimoto, chief of communications, in Hq., 1st Weather Wing here received the Meritorious Service Medal Oct. 31, 1973. Colonel Nishimoto was given the award for service as commander Detachment 1, 1st Weather Wing, Guam, from May 10, 1971 to July 10, 1973. During the period he made major contributions to the effectiveness and success of the typhoon warning service in the western North Pacific and the Bay of Bengal. The citation said his imaginative implementation of the program which selectively substituted meteorological satellite and radar data for airborne reconnaissance observations resulted in a cost avoidance of more than \$600,000. (U.S. Air Force Photo)

## Boss reups old boss

It probably doesn't happen too often that a person is a worker for someone and then later ends up being the boss of his previous boss, but here's a case where it happened.

In early 1970, SSgt. Ronald H. Adsit was the chief forecaster at Ft. Rucker, AL and SSgt. James R. Raudy was an observer working for Adsit.

Then came August 1970 and Raudy entered the Airman Education and Commissioning Program.

While Raudy was attending the University of Utah and Officer Training School, Adsit was promoted to technical sergeant and spent a tour at Kadena AFB, Okinawa.

When assignment time came around for each of them, guess what! You're right - they were both assigned to the same unit. Det. 4, 12th Weather Squadron at McChord AFB, WA - Raudy, a "new young lieutenant" as a forecaster and Adsit a "hardened, old tech sergeant" as chief forecaster.

Then came re-up time for Adsit. So what could be more natural than for Lieutenant Raudy to administer the oath to his past boss, TSgt. Adsit?

## Clark AFB housing short

The Air Force Military Personnel Center (AFMPC) has sent word that local community housing at Clark AFB is expected to become extremely scarce. In addition, rent is expected to increase, and the amount of housing will be limited and much of it will be below American standards.

Temporary lodging facilities are expected to be under heavy pressure and government furnished household goods will be scarce, especially major appliances.

AFMPC advises that people who are on assignment to Clark and now have approved concurrent travel requests should re-evaluate their acceptance of it and seriously consider proceeding without their dependents.

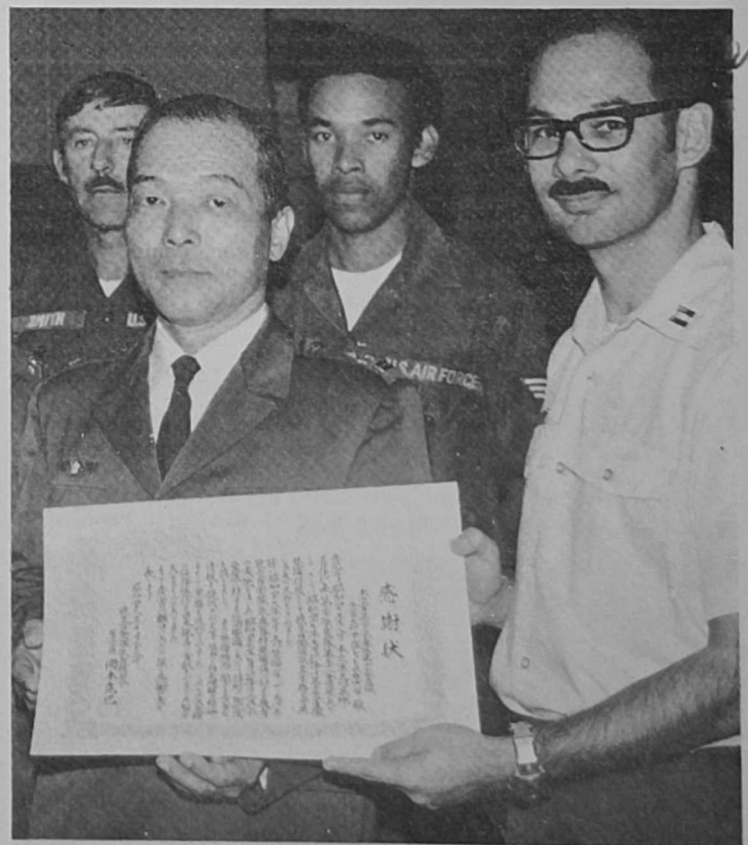
If the servicemember decides to travel to Clark alone, he will still be permitted to travel on the original concurrent travel orders within a period up to 60 days after he leaves his old assignment.

Officials say that most people should be able to find adequate community housing in the 60 day period. If it should take longer than 60 days, invitational travel orders can be issued. They say that in no event is it expected to take longer than 20 weeks to find adequate community housing.

Additional information and guidance may be obtained through the CBPO.



OFFUTT AFB, NE -- SSgt. Lucy M. Ray receives congratulations from Col. James H. Gillard, 3rd WW commander, upon reenlisting for four years in the Air Force. Sergeant Ray is the wing's first term reenlistee for fiscal year 1974. She is administrative specialist assigned to the Comptroller Division at the 3rd WW headquarters here. (U.S. Air Force Photo)



YOKOTA AB, JAPAN -- Capt. Alfred R. Garcia Jr., OIC Maintenance Section, Detachment 17, 20th Weather Squadron was awarded a letter of appreciation by the Japan Air Self Defense Forces (JASDF). The letter was given for his "outstanding support and training from 1970 to 1973 to JASDF Weather Maintenance Section personnel." Col. Katsumi Okamoto, commander, JASDF Weather Services Group presented the award. Among those attending the ceremony were TSgt. N. A. Smith and Sgt. I. A. Henry of Det. 17. (U.S. Air Force Photo)

# Air Weather Service satellite aids astronauts during observations

HQ MAC (MNS)--Air Force meteorological satellite photographs of the Aurora Borealis (Northern Lights), taken from approximately 520 miles above the earth, are being used to assist Skylab astronauts in observing this natural phenomenon.

This information is used to organize the astronaut's work schedule to include auroral observations. The Skylab observations will further understanding of the aurora and the earth's upper atmosphere. Other scientists will use their data in predicting communications problems and in seeking ways to improve communica-

tions during upper atmosphere disturbances.

The Aurora Borealis and its southern hemisphere counterpart, Aurora Australis, are photographed by Air Force Data Acquisition and Processing Program (DAPP) satellites as they pass over the earth's polar regions. These photos are relayed to the Air Force Global Weather Central at Offutt AFB, Omaha, NE. Air Force meteorologists interpret the photographs and advise Skylab support crews at the Johnson Space Center, Houston, TX, on the location and activity level of the aurora.

The DAPP meteorological

satellites possess a unique ability for making sharp photos of dimly lit subjects, as the photo of city lights in the eastern United States attests. The DAPP photographs are used routinely by Air Force meteorologists in their study of the earth's atmosphere.

Auroras are a familiar sight to residents of the polar regions. They are most frequently observed across Greenland, Canada, Alaska and northern Eurasia. During large disturbances, auroras have been observed as far south as the southern borders of the continental United States.

## AWS officer worked in India during stint with Peace Corps

by Capt. Mike Murrell

McClellan AFB, Ca. -- Bob Proffit's first social outing in India was a dinner invitation from the Sar Pench, the elected village leader of Badardi. For Bob the affair was a near disaster.

Bob had accepted the invitation and requested that the water be boiled and the seasoning be used sparingly because his digestive system had not yet acclimated to Indian food. But boiling, to his hosts, merely meant heating the water. So Bob resigned himself to not drinking.

After a few bites of his food, his nose was running, his eyes were watering, and his mouth was in scorched misery. He had no choice but to gulp a glass of neutralizer. Within a few days, Bob decided he would live to once again savor an American hamburger.

The preceding account, unlike most cockpit interphone tales of war, women and big real estate deals that break the monotony of long overwater flights, came from Air Force navigator Capt. Bob Proffit.

Soft spoken and with thinning hair, the 28-year-old captain, who flies with the 55th Weather Reconnaissance Squadron, doesn't normally volunteer such tales. Usually during flight, he quietly works with his maps and maze of navigational instruments and is not likely to mention his two years in India with the Peace Corps prior to joining the Air Force.

Perhaps his is the quiet satisfaction of accomplishment. Accomplishment? Yes, his two years were that; for America, India and himself. But frustration was also prevalent.

"Romanticism had been the catalyst to my joining the Peace Corps," Bob admitted when drawn into the conversation about his India adventure.

"But I found I couldn't turn the country upside down when I got there. I had religion, tradition, language, and poverty all fighting me. I couldn't do as much as I hoped. It was very frustrating."

The Peace Corps, according

to the Hamilton, Ohio native, had a three-fold program: first, to provide technological help; second, letting others see what a middle class American was like; and third, letting the volunteer see what a developing nation and its problems were like.

In Bob's eyes, India's population and the chore of feeding it is the country's greatest problem. Changing agriculture processes toward more efficiency, which was Bob's objective, is hindered by ingrained religion and tradition, neither of which readily accept change.

Poverty also made many of Bob's efforts frustrating since the average farmer working only two or three acres of land was reluctant to adopt different farming methods for fear of failure.

During his two years, the history major from Anderson College in Indiana, lived in a two-room, dirt-floored structure with no electricity or water. It had one window close to the ceiling.

Communication was cumbersome since his summer training at the University of Wisconsin had included a dialect other than

the Badardi spoken in his village. Nevertheless, he attained what he calls "fair proficiency" in the language and proceeded to work along beside wooden plows and water buffalo attempting to introduce the people to hybrid seeds, proper fertilizer and newer techniques.

Looking back on the experience, Bob recalls "fasting friendships, humorous occurrences and a wide awakening to the life-style of India. He also remembers goat's meat and the lack of anything cold to drink for two years; as well as superficial relationships, based on his novel acceptance by some as a rich American. The latter was caused, he thinks, by the inability to communicate."

Bob returned to the United States in the summer of 1969, "looking for something to do." He joined the Air Force and spent a year in Thailand before coming to Sacramento.

He's again looking for something to do - this time in the Air Force - and hopes he'll find it in the diplomatic area of Air Attache work that would take him to many countries, cultures and people.



United States Air Force Weather Service satellite photographs of the Aurora Borealis show that numerous city lights are also clearly visible. Such photos are used as the basis for providing information to the Skylab astronauts of the location and the activity level of the aurora. (U.S. Air Force Photo)

## Births in AWS

Shadell, A1C and Mrs. Virgil M., a son, Nathan, Dec. 3. Father is an observer with Det. 9, 3rd WW, Whiteman AFB, Mo.

Eakins, Sgt. and Mrs. Lawrence C., a son, Christopher, Dec. 3. Father is a maintenance technician with Det. 19, 3rd WW, Whiteman AFB, Mo.

Benson, SSgt. and Mrs. Robert M., a son, Paul Erik, Sept. 19. Father is an observer with Det. 9, 12 WS, Tyndall AFB, FL.

Lee, Capt. and Mrs. Charles W., a son, Jeremy Michael, Nov. 10. Father is a pilot assigned to 54th WRS, Andersen AFB, Guam.

Mallory, Sgt. and Mrs. Marcus K. Mallory, a daughter, Aimee Eileen, Nov. 6. Father is assigned to Det. 4, 15th WS, Altus AFB, OK.

Frederick, SSgt. and Mrs. Robert W., a son, Daniel William, Nov. 20. Father is assigned to Det. 4, 15th WS, Altus AFB, OK.

Little, Sgt. and Mrs. Robert C., a son, Robert Steven, Nov. 22. Father is assigned to Det. 4, 15th WS, Altus AFB, OK.

Boman, Capt and Mrs. Francis R., a daughter, Michelle Lynn, Dec. 5. Father is commander of Det. 12, 24th WS, Sheppard AFB, TX.

Justice, Sgt. and Mrs. Jerry L., a son, Aaron Robert, Nov. 25. Father is assigned to Det. 6, 6th WS, Ellsworth AFB, SD.

Rogers, Capt. and Mrs. Kenneth A., a girl, Christina Marie, Oct. 22. Father is assigned to 7th WS, Heidelberg, Germany.

Carle, Capt. and Mrs. Edward R., a son, David Mark, Sept. 24. Father is assigned to Hq., 1st WW, Hickam AFB, HI.

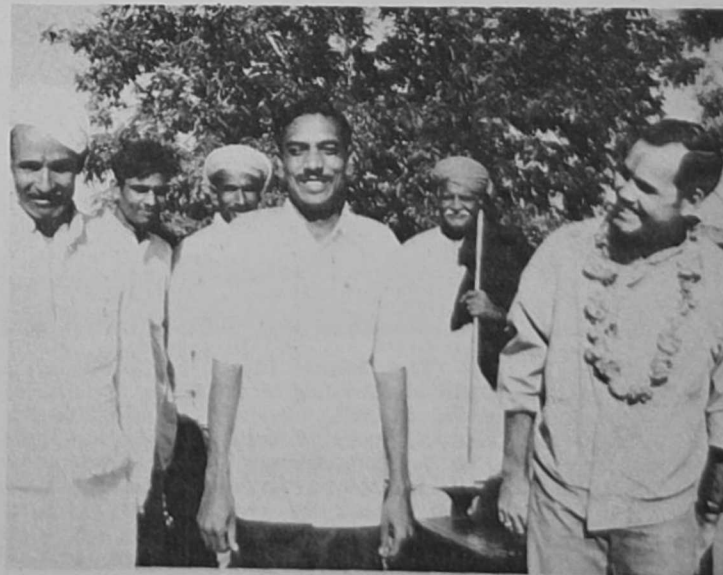
Brooks, Capt. and Mrs. Donald W., a son, Robert Lloyd, Sept. 30. Father is detachment commander, Det. 29, 15th WS, Buckley ANG Base, CO.

Sullivan, Capt. and Mrs. Francis A. Jr., a son, Aaron Francis, Nov. 22. Father is assigned to Det. 29, 15th WS, Buckley ANG Base, CO.

Drum, A1C and Mrs. Drum, David L., a daughter, Cynthia Darlene, Oct. 13. Father assigned to Det. 6, 6th WS, Ellsworth AFB, SD.

Hall, TSgt. and Mrs. Avon P., a son, Avon Omari, Oct. 11. Father is a forecaster assigned to Det. 7, 16th WS, Fort Ord, CA.

Nichols, Sgt. and Mrs. William F., a son, William F. Jr., Oct. 18. Father is assigned to 55th WRS, McClellan AFB, CA.



INDIAN FRIENDS gathered to wish Bob Proffit (right) well on his return to America after his tour of duty with the Peace Corps. (U.S. Air Force Photo)

## SPORTS FRONT PACAF golf champ teaches game to kids

YOKOTA AB, Japan -- A weather forecaster with Detachment 17, 20th Weather Squadron here spends much of his off-duty time during the summer months teaching local youngsters to play golf.

The 1971 and 1973 PACAF golf champ, Gerald Moody, spends each Friday morning at the Tama Golf Course, just outside Tachikawa, Japan, teaching 10 to 18-year-old dependents the basics of the game. The first hour of each week is spent at the driving range with Moody and Bob Simmons, a Tama Golf Course employee, providing instructions to the youth. Then they move to the first tee to put the fundamentals into actual practice.

According to Moody, after about the third or fourth week of instruction and practice, the

youngsters begin to compete in their respective age groups for weekly prizes. During the matches, Moody and Simmons follow the youngsters to give on-the-spot advice, instruction and correction to develop their knowledge of the sport and on-course etiquette.

During the latter part of August a Junior Club Championship is held. The prizes range from hamburgers to golf balls and bags. The youngsters tee off from the regular men's tees. The winner for the 1973 tournament had a 36-hole total of 142, 2 under par. He was in the 16-18 year old division.

Moody said, "I like doing this because I know the kids can enjoy golf throughout their entire lives. But my greatest pleasure is seeing the big smiles when they beat their dads!"



HICKAM AFB, HI. -- TSgt. Stephen Hirjak, 1st Weather Wing received the Air Force Commendation Medal during a ceremony at base headquarters Oct. 31, 1973. Sergeant Hirjak received it for meritorious service as Weather Forecaster Technician while assigned to Det. 11, 12th Weather Squadron, Luke AFB, Ariz. from June 29, 1970 to June 21, 1973. The citation to the award said the sergeant aided in the identification and solution of many problem areas in the provision of meteorological support to the 26th North American Air Defense Region and the 26th Air Division of the USAF Aerospace Defense Command. (U.S. Air Force Photo)

## Det. 11, 31st WS has high accident rate, but likes it.

SPANGDALEM AB, Germany -- While most units throughout the Air Force are constantly trying to keep their accident rate down, Detachment 11, 31st Weather Squadron experienced 15 automobile accidents in just one day, Oct. 28. In addition to that seemingly horrible record, the unit averaged seven accidents per man for a 30-day period in October and November. Yet despite this record, the detachment commander has not taken any disciplinary action or revoked any driving privileges. In fact he supports the men and women of his unit 100 per cent in their sponsorship and operation of a race car.

When Spangdalem AB opened a racetrack Sept. 30, Det. 11 was prepared. The 15-man unit had unanimously agreed to sponsor a race car. Dan Bortolotti was elected chief mechanic and chief driver. He was a natural selection for his jobs because of his extensive knowledge of auto mechanics and his vast experience in racing dune buggies across the southern California desert.

The Det. 11 racing team bought a 1964 Volkswagen "Bug" for "almost nothing." They built a roll cage from 1 1/2 inch steel pipe and bolted it into the car for driver safety. Then they built another cage to protect the engine and the rear of the "Bug." The old 1200 CC engine was exchanged for more powerful 1500 CC engine. Then the finishing touches were added to the car by John Saro, Marge Bortolotti and Merrill Long. They painted the car Air Force blue and trimmed it gold. The final touch was a bright yellow and red devil painted on the door beside the race car number 31. Remember it's WS



POWER TO BURN is all wrapped up in Det. 11, 31st WS's race car. John Sharo, one of the detachment drivers, takes his turn at the wheel. (U.S. Air Force Photo)

31 thus the number for the car.

The car was ready Sept. 30 for its first race. That day Bortolotti drove the car to a second place and a first place win. The first place trophy was won in the feature 30-lap event of the day. Two weeks later, John Sharo won a second place trophy and Bortolotti won a third and second place trophy.

Next came the women's chance to race and Marge Bortolotti won the second place trophy in the powder puff derby.

The trophies pile up, but all is not as easy as it may sound.

Numerous repairs were required on the car after the Oct. 28 races. Richard Vosika, while taking his turn at the wheel hit a guard rail at 20 miles per hour and broke a tie rod and turn bar. The race team mechanics made temporary repairs and the car was back in the race the next day. Additional damage came in the

next two races and the car needed front end repair before it would be able to run in the Nov. 11 classic. The front end was replaced but a "sick" engine prevented the team from winning more than one trophy in those races.

Even though Det. 11 had many "accidents" during the months of October and November the members of the detachment say they have reaped many valuable benefits from their racing experiences.

Several members of the unit had never done mechanical work before and are now making repairs on their own cars. The drivers learned the value of speed control, skid control, seat belt usage and driver skill. But most important, according to Capt. Richard J. Vosika, the detachment commander, everyone now realizes that by working together toward a common goal, a unit can come out on top in any endeavor.

## Sgt. gives dog to help blind

OFFUTT AFB, NE--An Air Force staff sergeant who reluctantly left his dog, Amos, behind when he was reassigned to an overseas location has less regrets now.

The sergeant, Maurice C. Seebeck, a former member of the Air Force Global Weather Central (AFGWC) here, agreed to have Amos sent to Leader Dogs for the Blind school at Rochester, MI. Arthur Gulliver, a civilian employee at the AFGWC and the Ralston, NE Lions Club assisted in making the arrangements.

Amos was the 3,699th dog to be graduated from the school since it was organized in 1939. The school officials say that only about 30 per cent of the dogs which enter the school are graduated.

Sergeant Seebeck received a letter from the executive director of the school announcing the dog's graduation and a picture showing Amos and his new master, James P. Rea of Mississippi.

Sergeant Seebeck is presently assigned to the 2nd WW in Germany.



ANDREWS AFB, MD--Mrs. Adele Hope (left) and Mrs. Faye Gayikian appear pleased while they work in the 6th Weather Wing's wives' booth at the Officers' Wives' Club Christmas Bazaar. The weather wives cleared more than \$800 which was a part of the \$10,000 cleared by all the OWC workers. All the proceeds from the bazaar were donated to charity. (U.S. Air Force Photo)

## Col. Rowe speaks to AMS

OFFUTT AFB, Neb. -- Members of the Omaha-Offutt chapter of the American Meteorological Society met in late November for their annual monthly meeting.

Col. Berry Rowe, vice commander of the 3rd Weather Wing was the guest speaker during the meeting and he discussed the structure and functions of the military weather service.

The colonel also presented a brief history of the federal meteorological activities, and explained the functions of the Federal Coordinator for Meteorological Services and how the federal meteorological dollar is spent.