

IEEE schedules 37th videoconference -- 3D Computer Graphics: Construction to Interaction

On Wednesday, Oct. 3, the Institute of Electrical and Electronics Engineers, Inc. 37th videoconference, *3D Computer Graphics: Construction to Interaction*, will be held in the Sandpiper Room at the Car-

riage Inn in Ridgecrest. Registration will begin at 8:30 a.m., with the program being held from 9 a.m. to 12 noon.

This videoconference will provide a comprehensive state-of-the-art overview of

the latest advances in geometric modeling, rendering and graphical user interfaces.

The videoconference fee is \$3 for IEEE or Computer Society members or \$5 for non-members.

The Training Center will pay the fee for NWC employees. Simply send a completed on-Center training request (Form 12410/73) via department channels to Code 224 by Sept. 21.

Run, walk or crawl in!

The Women & Babies Sale

Save 25-40% off on items for Women, Infants and Toddlers.

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Famous maker related separates. Choose from career and casual styles. Reg. \$25-49. Sale 25% off.*

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Entire stock of newborn/infant socks and tights. Reg. \$2.35-4.75. Sale 25% off.*

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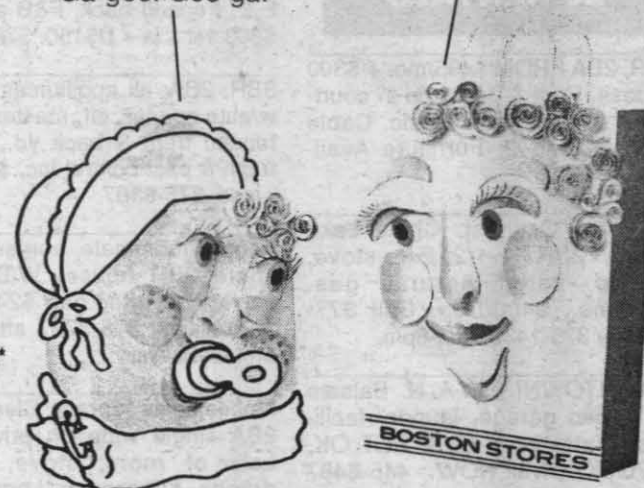
*Discount taken at register.

Some items not available in some stores.

Intermediate markdowns may have been taken.

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Sept. 14, 1990

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Civilian workers may be eligible for extra \$\$\$

Anyone who was a civilian employee at any U.S. Government agency in Alaska, Hawaii, Guam, Puerto Rico or the U.S. Virgin Islands at any time between Jan. 19, 1986 and May 5, 1989, may be eligible for an additional cost-of-living allowance payment. This payment is due to the settlement of the *Arana and Parker* class action lawsuits.

People who believe they may be entitled to this benefit by virtue of their employment at those locations during that period, should telephone the Naval Weapons Center Employee Relations Division, Human Resources Department at NWC ext. 2018 or 2574 *no later than Monday, Sept. 17.*

Job fair takes place Sept. 28

Separating, separated and retired military personnel are invited to attend the Military Job Fair on Sept. 28. Hosted by the Non-Commissioned Officers Association (NCOA), this event will take place at the Scottish Rite on 1895 Camino Del Rio South in San Diego.

Completed resumes will be entered into an on-line data base that is accessed by over 1,000 employers. Help will be available to assist in filling out a winning resume.

On the day before the fair, Sept. 27, a career transition seminar will be held at the same location from 1 to 4 p.m. For more information, call (714) 885-3000.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 37, September 14, 1990

RNMCB-17 holds weekend drill at NWC

Five hundred reserve Seabees will gather together for training exercises

Five hundred Seabees in the Reserve Naval Mobile Construction Battalion SEVENTEEN (RNMCB-17) will descend upon the Naval Weapons Center on Sept. 29 and 30 to conduct a weekend drill. The battalion consists of 10 detachments from three states, California, Arizona and Nevada. Hosting this unusual gathering of Seabees will be the China Lake Seabee Reserve Detachment, RNMCB-0217, headed by MSC Bob Voigt.

While at China Lake, RNMCB-17 personnel will conduct various training exercises, including M-16 rifle qualifications, 45-pistol qualifications, chemical-biological-radiological training, communications/radio school, fuel bladder repair and planning and estimating for future work sites. The Air Seabee Reserve Detachment, consisting of 90 men, will be doing specialized training. Many of the classes will be held in the Officers' Club and the NWC Theatre.

Visiting detachments will be staying at the Seabee Trailer Park in a tent city, with complete facilities, including portable showers and

toilets. During their stay, vehicles will not be allowed to park in the compound.

"It's been 11 years since we've had all the detachments in one spot at the same time," noted Chief Voigt. "During our annual training this past summer, I was asked what the feasibility was of getting all the detachments together. Due to the short time frame, only three months, many people didn't think it could be done. However, because the personnel at NWC have always been very supportive of our Seabee detachment -- whenever we need equipment, lodging, food, or transportation, the base has always stood by us 110% -- the battalion commanding officer asked me if it was feasible to come to China Lake. He said, 'if this mission is going to succeed anywhere, it will succeed at China Lake.'"

Local reserve Seabees involved in preparing for the invasion are MSC Voigt, CMC Jerry Morrison, EOC James Nelson and SK1 David Rivera. Also involved is an active duty Seabee stationed at China Lake, BUC Serg Lavilla.

Departments that have been lending support include the Military & Support Operations Department; Public Works, including the ROICC Office; Food Service Division; China Lake Police Division; Morale, Welfare & Recreation Division, and the Commander's Office, including Public Affairs.

"The objective of this exercise is to see what kind of training we can put together in three months," said Chief Voigt. "We will also be judged on preparing the camp, arranging food and transportation, and getting supplies for a field kitchen and equipment for projects. Since this type of preparation normally takes up to a year to plan, they want to see if we can do it in just three months."

RNMCB-17 was established at Camp Allen, Norfolk, Va. and went into combat with the invasion of North Africa in 1942. The unit was moved to Port Hueneme in 1944 and in 1945, it was inactivated. It returned to life in 1962 and is home ported in Port Hueneme.

The China Lake detachment, RNMCB-0217, has existed at China Lake since 1958.

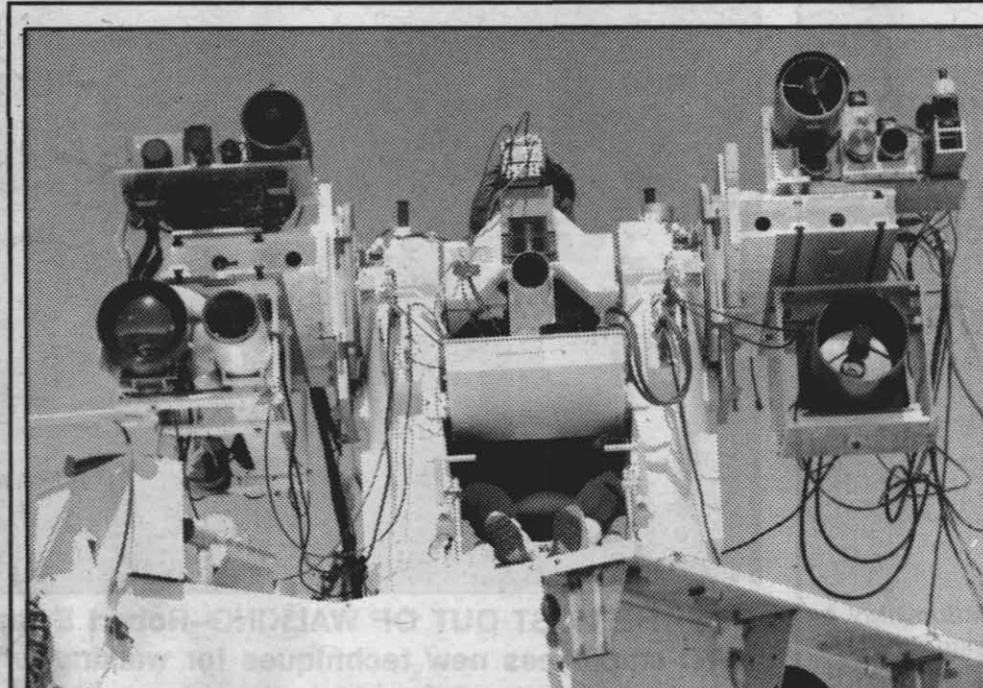
Center work stations subject to inspection by drug-sniffing dog

Starting soon, China Lake Police military working dogs (MWD) will again begin inspecting work sites at various scheduled times and randomly selected locations at the Naval Weapons Center for illegal drugs, noted LCdr. Al McDonald, staff judge advocate. The inspections have been directed by Capt. Douglas W. Cook, NWC Commander, who is responsible for the safety and security of all employees and projects at the Naval Weapons Center and the maintenance of a drug free workplace.

The goal of the program is to find any illegal drugs on base and to discourage people from bringing them onboard. "We have found enough illegal drugs since January of 1989 to be concerned," said LCdr. McDonald. "Agents from Navy Investigative Service (NIS) have made 65 arrests of civilians, two military and two dependents for possession, use or distribution of drugs either on base or connected with the base. Drugs confiscated had the street value of \$42,560 and currency confiscated was \$61,243. In addition, 11 other military personnel have been discharged from the service for drug related charges under the Uniformed Code of Military Justice (UCMJ)."

According to the staff judge advocate, a list of all work places on base, including sites used by contractors and tenant commands, was drawn up, along with a list of dates and times

(Continued on Page 6)



WHAT DOES THIS THING DO?--NWC's Target and Signature Projects Office set up tracking mount equipment at White Mountain, to sensor aircraft while testing Long Jump IV.

Long Jump IV testing completed

Pursuing further development and testing of infrared systems, Naval Weapons Center's Target Signature Projects Office has completed Long Jump IV testing at White Mountain Peak. Since 1985, the office has sponsored measurement programs for government and commercial laboratories to test sensors and gather new data. Long Jump IV is the latest in the

series, building on experiences and results from Long Jump I (1985), II (1986), and III (1988).

The Long Jump series of measurement programs provide comparative performance assessment of various state-of-the-art electro-optic and infrared sensors. Testing provides a collection of high quality infrared

(Continued on Page 12)

China Lake Calendar

Fri. Sept. 14

Seafarer Club closed due to Naval Chief Petty Officer Initiation ceremony.

Sat. Sept. 15

32nd Joint Trials Unit, Royal Air Force, hosts flag ceremony in remembrance of the Battle of Britain, Officers' Club, 7 p.m.

Wed. Sept. 19

IEEE luncheon meeting, Seafarer Club, 11:30 a.m.

Thurs. Sept. 20

L.T.E. Thompson and William B. McLean Awards luncheon, Seafarer Club, 11:30 a.m.

Sat. Sept. 22

Retiree Appreciation Day, Edwards Air Force Base, starting at 7:30 a.m.

Tues. Sept. 25

Computer Society luncheon meeting, Seafarer Club, 11:30 a.m.

Thurs. Sept. 27

Engineers Picnic, sponsored by California Society of Professional Engineers, Kern Park, 5 p.m.

Society of Logistics Engineers (SOLE) Sept. meeting, White Star Dining Company, 6 p.m.

Coming Events

Fall Clean-up Day, and Hazardous Waste Collection Day, Sept. 29

IEEE 37th Videoconference, 3D Computer Graphics: Construction to Interaction, Oct. 3, Carriage Inn, 8:30 a.m.

Graduation luncheon, Oct. 4, Seafarer Club, 11 a.m.-1 p.m.

Mini-Triathlon '90, Oct. 13

Navy Birthday Celebration, Oct. 14, Michelson Lab, 11 a.m.-3 p.m.

China Lake Challenge, Oct. 27

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Fridays publication.

Wellness Corner



September is National Cholesterol Education Month. The goal of this special month is to increase public awareness about the role high blood cholesterol plays in the development of heart disease and to promote ways to reduce cholesterol levels if they are high.

The NWC Wellness Program is providing all Center employees, attached activities, and active duty military an opportunity to "know your cholesterol number" by offering low cost blood analysis. The blood test analysis will include: A/G Ratio, Albumin, Alkaline Phosphatase, Bilirubin, B-un/Creatinine Ratio, Calcium, Chloride, Cholesterol (Total Cholesterol, HDL, LDL, Risk Ratio), Creatinine, GGTP, Globulin, Glucose, Iron, LDH, Magnesium, Phosphorus, Potassium, SGOT, SGPT, Sodium, Total Protein, Triglycerides, Urea Nitrogen (BUN), Uric Acid, Complete Blood Count with differential and platelet count. Participants must abstain from eating any food or drinking anything other than water for 12 hours before their blood draw. The draws will begin at 7 a.m. on the dates and at the locations listed below. The cost for the analysis is \$19. Payment is required at the time of the draw. Make checks payable to MWR-REC. Appointments may be made on any computer or terminal that will connect to the SCFC VAX. An account number is not needed. If you have access

to another VAX on the network, log on and type "set host scfc". When "user name" appears on the screen, type in Wellness. Options will appear for scheduling or deleting appointments for the blood draw. If you cannot access the SCF VAX terminal, call NWC ext. 2468 and we will help you. If you have further questions or need additional information call Betty Miller or Pat Oliver at the Wellness Program Office, NWC ext. 2468.

Dates, locations for blood draw

Sept. 18--EWTES, contact Bret Jacobson, NWC ext. 3571x315 for appointment.
Sept. 18--Range Control Complex, Range Headquarters, Bldg. 31457, Conference Rm. (Rm. 104).
Sept. 19--Range Systems Lab (IOB), Bldg. 32544, Conference Room (Room 123)
Sept. 19--CLPL, Bldg. 151, Room 10; contact Marci Burnett, NWC ext. 7330 for appointment.
Sept. 20--Hangar 3, Top Side, Training Room
Sept. 25--Michelson Lab, "Little D" Conf. Room
Sept. 26--Michelson Lab, "Little D" Conf. Room
Sept. 27--Michelson Lab, "Little D" Conf. Room
Sept. 28--Michelson Lab, "Little D" Conf. Room
Oct. 2--CLPL, Bldg. 151, Room 10; contact Marci Burnett, NWC ext. 7330 for appointment.
Oct. 2--Public Works, Bldg. 981, Conference Room
Oct. 3--Training Center, Room 114



GET THE MOST OUT OF WALKING—Robert Sweetgall (center) explains to NWC employees new techniques for walking which will burn 30 percent more calories, tone the stomach and upper body, strengthens back muscles, improve posture and enable people to reduce their walking time. Sweetgall's visit was arranged by the Wellness Program Office.

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Ads over 20 lines.....\$10.00 & \$1.00 per line over 20 lines.

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PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

**DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. WEDNESDAY -
PRIOR TO FRIDAY PUBLICATION**

1 PERSONALS

MARIE KIRK - 40. What do these have in common?

MARIE KIRK isn't over the hill - SHE'S JUST 40.

20 RENTALS

2BR, 2BA FROM \$495/mo. + \$300 deposit. Pool & Jacuzzi in courtyard. Water/Trash/Basic Cable paid. 375-7642. Furniture Available.

Available Oct. 1st. China Lake Acres, 2BR, 1-1/2 BA, stove, fenced yard, natural gas. \$350/mo., \$400/Dep. Call 377-4921 or 375-1439 8am-6pm.

DOWNTOWN! 850-A N. Balsam St. 1 bed garage, laundry facilities. Water/trash paid. PET OK. \$370/MO. Avail NOW. 446-6487 eves.

FEMALE ROOMMATE looking for same. Non-smoker to share townhouse. 2BR w/pvt. BA, w/d, jacuzzi, pool, gar., \$300/mo. + util. Please leave message. 375-2141.

LEASE option to buy, low down, no qualify assumable loan! \$599/mo. 10 min. to NWC, 4 BED, 1 3/4 BA house, double garage, Valley Ave., Inyokern. Pet OK. 446-6487 eves.

2BR, 1BA, all kitchen appliances, mini-blinds, FP, W/D hookups in gar. \$450/mo. 375-9683

20 RENTALS

2BR, extra roomy w/lg. gar. Nice area, FP & all appl., tile kitchen & fenced yard. Pet OK. Trash & pest control inc. \$475/mo. + sec. 375-6307.

3BR, 2BA w/BB & FP loaded + Gr. E.E. Fenced back, F&B auto spr. \$800 1st + la + D\$150. 375-4007.

3BR, 2BA, all appliances, garage w/auto opener, eff. master cool, lg fenced front & back yd., pet ok, trash & pest control inc. \$575/mo. + sec. 375-6307.

Female roommate, non-smoker to share 2BR house. W/D, wood stove, converted gar. \$240/mo. + 1/2 utilities. 375-3797 after 5 pm on weekdays.

Mobile home for rent. Clean, 2BR, 2BA single wide on private lot. Lots of room, stove, refig., drapes & carpets. Located on Bennett, back of Kmart. \$350/mo. + \$350/sec. No pets. 446-2161.

30 SERVICES

Do you like to shop early for Christmas? Let me help! 446-3535.

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35 AUTOMOTIVE

'88 BMW 325; conv., loaded, red, 5-speed, low miles, CD player. XLNT cond. 1st \$24,900 gets it. 371-2260.

1987 Buick Park Avenue. Excellent condition, fully loaded. \$12,995. 446-2393.

For Sale - 1986 Honda Nighthawk. 450 cc. Runs good. \$650. 446-1906.

50 PETS/SUPPLIES

FREE 7 month terrier puppy. Loving & good with kids. Shots have been started. Needs a caring home. 375-6963, 371-6258 (leave mess.)

50 PETS/SUPPLIES

FREE kitchen, adult dogs available too. Casa K9 Kennels. 375-7775.

FREE to good home. Female lab mix, 6 months old, good with kids. 446-5693.

FREE! 1 femal cat. 4 years old, spayed and good with kids. No front claws. 446-5693.

Moving Soon. 1 yellow/white male cat. Neutered. Free to good home. 446-5693.

55 REAL ESTATE

New home on lg. lot. 3BR, 2BA, wet bar, lg. L/R w/ FP, utility room, vaulted ceilings, covered patio, finished gar., tile entry & kitchen countertops, master cool w/upducts, front Indscp w/auto sprinkler system. \$87,500. Call now to choose colors. 446-7341 msg. in eve.

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Superb airmanship saves plane and earns honors for LtCol. Barr

Exceptional flying skills in aerial flight on Sept. 18, 1990, brought recognition to LtCol. Richard G. Barr, a Marine Corps pilot assigned to the AV-8B Weapons System Support Activity (WSSA), recently as he was awarded an Air Medal from the Commander of the Naval Weapons Center, Capt. Douglas W. Cook.

According to the nomination letter, written by Col. Barry Banks, former commanding officer of the Marine Aviation Detachment at China Lake, LtCol. Barr was conducting developmental flight testing of the AV-8B Harrier during the early morning hours. The purpose of this particular flight was to evaluate an experimental multi-mode marker system intended for use by forward air controllers. The test plan called for the pilot to evaluate the effectiveness of the marker under very low illumination conditions.

It was during his second run when LtCol. Barr experienced total electrical failure, resulting in the loss of most of the aircraft's systems. With the cockpit in total darkness, the pilot had no reference to

airplane attitude, altitude and system status.

While trying to maintain control of his airplane, LtCol. Barr noticed manual fuel had not been selected automatically. He quickly located the manual fuel switch by feel in the darkened cockpit and regained control of the engine.

Still unsure of the total extent of his emergency, the pilot attempted to restore electrical power, first with the generator, next with the battery and finally with the auxiliary power unit. All attempts were futile, resulting in the need to read all instruments by flashlight, while maintaining constant pressure on the control stick.

As he climbed and returned to the field, which was darkened for night vision goggle operations, LtCol. Barr attempted to lower the landing gear, using both the normal and emergency systems. He tried to contact the tower to declare an emergency and verify that his landing gear was down, but poor communications with the tower and the absence of aircraft lighting prevented confirmation.

(Continued on Page 9)

Ombudsman program at NWC offers help and advice to military families

CNO sets aside Sept. 14 as Ombudsman Appreciation Day

"I knew how it felt to be stationed at a new command and not know what benefits and responsibilities I had as a military dependent. After 16 years as a Navy wife, I decided I could help others learn from my past experiences," said Nancy Kiren, Naval Weapons Center Ombudsman for military families.

"Through my work as an ombudsman, I've seen a whole different spectrum to the Navy way of life, and this has not only blessed those families I am able to help, but gives me the satisfaction of contributing to others."

Marking its twentieth anniversary, the Navy Family Ombudsman Program is celebrating its contributions to families worldwide. The Chief of Naval Operations (CNO) has set today (Sept. 14), as Ombudsman Appreciation Day. The day that commands world-wide recognize the dedication and invaluable service Ombudsmen provide the Navy Family.

Ombudsmen are considered an indispensable member of the Navy team. They act as a liaison person between military families and Commands. (Continued on Page 11)

AVCM Keeler assumes new duties

Command master chief is 'mouthpiece' for enlisted personnel

"I'm the mouthpiece for the enlisted personnel," said the Naval Weapons Center's new command master chief, Avionics Master Chief Billy Keeler. "In that capacity, I act as an advisor to the Commander, Capt. Douglas W. Cook, dealing with issues that directly reflect on morale, good order and discipline of personnel who work under him (the CO)." While his primary duty is to assist the enlisted personnel, the master chief noted he would also assist the officers onboard whenever needed.

Replacing FCCM J. V. Capazzi, AVCM Keeler checked onboard Aug. 15. "My first impressions of China Lake were very good," he said. "The impression here is one of willingness to help. Everyone realizes it takes time to acclimatize and get up to speed."

He was especially happy with how easy it was to register his two children for school. His son, Christopher, age 12, is attending Murray Junior High and his daughter, Carmen, age 9, is a student at Richmond. "The staff made the children feel welcomed and wanted in their schools," he said. "It made the moving transition a little easier."

After 25 years in the Navy, AVCM Keeler has worked his way up through the ranks. He enlisted in the Navy in October of 1964 and went to boot camp in San Diego. His first assignment was as an aviation electrician's mate at North Island, San Diego.

He also served with VC-8 Roosevelt Roads, Puerto Rico; VA-66 Cecil Field, Florida; Naval Missile Test Center, Pt. Mugu, Calif.; VXE-6, Pt. Mugu; and the VR-24 DET and VR-22 in Rota, Spain.

While stationed with VXE-6, AVCM Keeler went on deployments to the Antarctic to take part in Operation Deep Freeze. "I kept switching temperatures," he said. "In Antarctica, October's weather was 50 degrees below zero. At Pt. Mugu, the weather was in the 90s with high humidity."

AVCM Keeler's first full tour of duty as command master chief was in 1987 when he took over the duties of the position at VXE-6, prior to being assigned to NWC.

"The civilian to military ratio is higher here than a number of bases I have been stationed at," said the (Continued on Page 6)



**The
Skipper
Sez...**

QUESTION

Why does the Self Help Day, scheduled for Sept. 29, have to be on a Jewish holiday? I am a Jewish citizen working in Michelson Lab. I like to celebrate my heritage, but at the same time, I would have liked to help on the base during the Self Help Day. I just wondered why it fell into that time frame?

ANSWER

In choosing Sept. 29 as the date for the Naval Weapons Center's Self Help Day, it was not our intention to cause any religious sector to have to choose between celebrating their religious beliefs or to take part in making NWC a better place to work.

Several factors were taken into account when deciding the date. The primary factor being that the money budgeted for this event was from funds designed for Fiscal Year 1990. Sept. 29 is the last Saturday of this fiscal year and gave maximum time to get ready for the clean up day. The second factor was to avoid any conflict of events being scheduled by the City of Ridgecrest and holidays, like Labor Day.

Unfortunately, religious holidays are not indicated on many calendars and we inadvertently scheduled this event on the Jewish holiday, "Yom Kippur."

To help us do a better job factoring in religious holidays whenever possible in the future, the Chaplain's Office at the All Faith Chapel has sent us a calendar with the religious holidays for the various congregations marked. While it might not be possible to avoid all conflicts, we will do our best to take religious holidays into account.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.



HALF THE JOB IS LISTENING—AVCM Keeler concentrates on what PH1 James Jaworski is saying. Part of the new command master chief's duties is to find out how enlisted personnel feel about certain issues and report the findings to the Commander. Photo by PH3 Cary Brady



"Rosh Hashanah: The Jewish New Year"

Every year, spectacular parties and celebrations are held on the night of Dec. 31. People all over our country and the world take the opportunity of a new year to celebrate. These often loud and spirited New Year's Eve parties represent one way of approaching the constantly moving cycle of time. It has a certain joy, but it is not the only way of marking the passage of time.

Rosh Hashanah, the Jewish New Year, occurs at the beginning of each autumn. This year, this holiday occurs on Thursday, Sept. 20. Similar to the secular New Year, and like all Jewish holidays, it begins the preceding evening. Joy does accompany Rosh Hashanah, but the celebration has a markedly different flavor than Dec. 31. Rosh Hashanah begins a period of ten days of reflection and prayer which ends on Yom Kippur, the Day of Atonement. These two holidays are often called the High Holidays. They are the most solemn two days in the Jewish tradition. This month, as every year, Jews all over the world will be marking the end of one annual cycle and the beginning of a new one.

There are two major sides to this time marking holiday. According to the Jewish tradition, Rosh Hashanah is both the birthday of the world and the birthday of humanity. Rather than viewing these two meanings as a contradiction in the tradition, Jews have found inspiration in each of these approaches. Together these two meanings make Rosh Hashanah a very powerful day in the Jewish calendar.

First, celebrating Rosh Hashanah as the birthday of the world causes many practices and ideas. Chief among these is the blowing of the Shofar, the ram's horn, to proclaim God's glory and

to recognize the miracle of existence. We pause to recognize the power of creation and continued existence. Rosh Hashanah provides a clear opportunity to celebrate the chance to celebrate itself. This celebration is not done through merriment alone. The creation of the world is a powerful act, and thereby calls for reflection, in addition to rejoicing.

The second meaning of Rosh Hashanah is interconnected with the first. Humanity could not have been created, were it not for the prior creation of the earth. Commemorating the creation of humanity lends a different meaning to the blowing of the Shofar. The horn cries out for Jews to reflect upon their lives and relationships. What have we accomplished as individuals and members of humanity in the past year? Is the world a safer and more meaningful place? Rosh Hashanah, in this way, provides a time of reflection of the past and a resetting of personal goals for the future.

This month, the Jewish community here, and all over the world, will gather to commemorate these days of reflection, prayer and joy. We are taking part in a long-standing tradition of marking time. Together, we will hear the Shofar blow and recognize the glory of existence and the potential of all humanity.

Each year at this time, the Jewish tradition calls upon all of us for optimistic hopes and wishes. May the coming year be a year of sweetness and realized potential for all of us and all of humanity.

For more information on the holiday schedule, please call NWC ext. 2851 and leave a message or call Debbie Schwartz at NWC ext. 2141.

By Andrew Busch
Student Rabbi

Thompson/McLean Awards luncheon scheduled

At 11:30 a.m. on Thursday, Sept. 20, a luncheon will be held at the Seafarer Club to honor those receiving the L.T.E. Thompson and William B. McLean awards.

The L.T.E. Thompson Award, the Naval Weapons Center's highest form of recognition, was established in 1956. It recognizes outstanding individual achievements.

The William B. McLean Award, established in 1968, honors employees for their outstanding cre-

ativity in furtherance of the Center's mission through significant inventions.

Reservations for the awards luncheon can be made by calling NWC ext. 2018 or 2592 no later than 4:30 p.m. on Tuesday, Sept. 18.

Lunch will consist of chicken salad served on a croissant and fresh fruit. Ice tea and coffee will be provided. Cost is \$6 per person.

For further information, please contact Mia McKenzie at NWC ext. 2592.

Busch assumes student rabbi duties at the All Faith Chapel

Andrew (Andy) Busch has assumed the duties of the Naval Weapons Center All Faith Chapel student rabbi. In his second year of studies at the Hebrew Union College in Los Angeles, the seminary for Reform Judaism, Busch will visit China Lake twice a month, performing Bar Mitzvah lessons, leading all Jewish religious services and performing any life-cycle events (Bar Mitzvah, baby naming, funerals, etc.) that might be required.

A New Jersey native, Busch has just returned from a year's stay in Israel, where he has been studying Hebrew and learning more about Judaism. During the past 10 years, he has lived in Israel on and off for a total of three years.

While Busch has an undergraduate degree in politics and international relations from Brandeis University, Boston, Mass., he decided to make Judaism his life's work.

"My most powerful experiences have dealt with Judaism," Busch said. "My family is very involved in it, and when it came time to decide what to do with my life, it seemed instinctive to turn to my religion."

The student rabbi has served as the Regional Youth Director for the National Reform Judaism Movement for two years. As such, he has worked in synagogues throughout New Jersey, planning programs for youth --

Yards praised

Housing says. . . Command and the Housing staff congratulate the September "Yard of the Month" recipients. Sincere appreciation goes to Sgt. and Mrs. Chris J. Beebe, 1500 Saratoga Ave.; and OSI and Mrs. Sandy D. Redding, 1604 Kearsarge Ave.

Their hard work, time and efforts are reflected in the exceptional appearance of their yards.

Be sure to drive by and view these well-maintained yards.

educational and social.

During his free time, which he admits there isn't much of, Busch



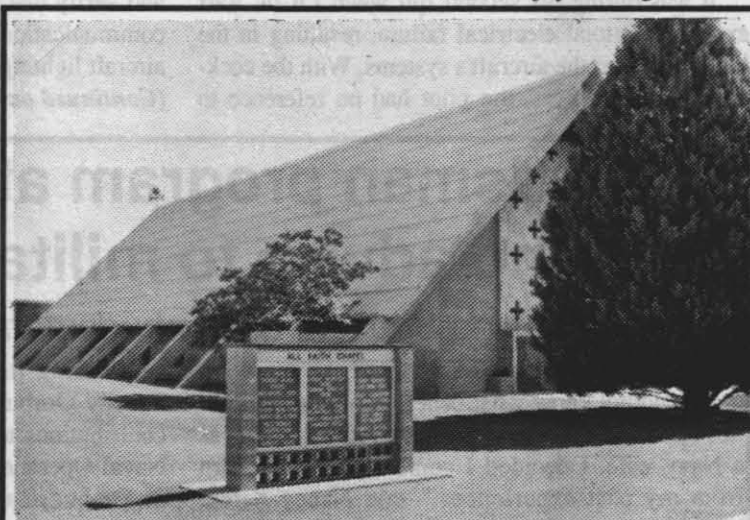
Andy Busch

likes to hike, read and is currently attempting to learn how to play a

guitar.

"I'm looking forward to meeting the people here at NWC," stated Busch. "I want to provide them with whatever religious guidance I can, when they need it."

Busch was able to see China Lake for the first time when he came down to perform his first service at the All Faith Chapel as a student rabbi last Friday. "I knew there wasn't a lake because I looked it up on the map," he said. "However, I enjoyed the drive over. I like the desert. I don't know if I would want to live in it, but I enjoy visiting it."



Divine Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday 11:30 a.m.
(September thru June)

Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Islamic

Jumaa Prayer (Friday at 1006 Blandly) 1:00 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confession (Sunday), Small Chapel 8:15-8:45 a.m.
Confession By Appointment Anytime
Religious Education Classes (Sunday) 10:30 a.m.
(September thru May)
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher

Jewish

(NWC ext. 2851)

Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandly) 9:00-10:00 a.m.
Religious Education (Sunday at 1004 Blandly) 9:00 a.m.-12 noon

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Community Events

Tienanmen Square, featuring works by Polish artist Joanna Salska will be shown at the Cerro Coso Community College Art Gallery through Sept. 28. Following a reception in her honor in the foyer of the gallery on Sept. 28, Salska will give a lecture. The reception begins at 7 p.m.

The gallery is open during regular school hours, Monday through Friday. Admittance to the gallery, the reception and lecture is free.

For more information, call the Cerro Coso Art Department at 375-5001.

On Sunday, Sept. 30, the Maturango Museum will have a tour of the Cerro Gordo Mine in the Inyo Mountains above Keeler. Because the road to Cerro Gordo is rugged, four-wheel drive vehicles are recommended. Some carpooling is possible. Be sure to bring water, lunch, hiking shoes and a jacket. The group will meet at the Museum at 8:45 a.m. for map distribution and other information. For reservations, to offer a vehicle or to arrange for a ride, call the museum at 375-6900.

On Sept. 22, Cerro Coso Community College and the Desert Community Orchestra Association will sponsor a free Pops Concert and Dance to raise funds for the Burroughs High School Band Uniform Fund.

Slated for the Commissioned Officers' Club Lanai, rehearsals will begin at 10 a.m., with the concert starting at 7 p.m. A picnic supper (hamburgers, hot dogs, salad, corn on the cob) will be available for \$5 per person starting at 5 p.m. Dancing begins at 8:30 p.m. Dance music will be provided by the Big Band Express.

During the event, BHS Band Boosters will be asking for contributions and auctioning off a variety of goodies to raise money for the purchase of new band uniforms.

For further information, call Roger Lacher at 375-4476.

Dr. Pierre St. Amand will talk about the 1952 Tehachapi earthquake during the next Historical Society Meeting. The event will start at 7:30 p.m. on Sept. 18 at the Maturango Museum. In addition to showing slides of the damage, Dr. St. Amand will address the geological aspect of the earthquake.

Craftech now has discount tickets for the L.A. County Fair, which runs through Sept. 30. Come and "Discover America," this year's fair theme. Tickets are \$5.50 for adults and \$3.50 for children and are good Monday through Sunday.

A brand new exhibit, "Discovery Tour 1990," will emphasize the fair's theme. It is a life-sized model of the Space Shuttle Columbia and includes several other space-related displays.

From 10 a.m. to 2 p.m., on Sept. 18, the public is invited to attend Community Connection for Child Care's Open House at its new office located at 237 W. Ridgecrest Blvd., Suite D. Snacks and drinks will be provided.

Beginning Oct 3, NWC's Youth Center will offer *Kids Tumbling*. Taught by Sierra Academy of Dance, the tumbling classes, which are on Wednesdays, will be \$19 for military dependents, \$20 for DoD dependents and \$22 for all others. Transportation will be provided for enrolled students of the NWC Children's Centers at addition cost.

Classes for three year olds will be held from 9:15 to 10 a.m., while four year olds will attend the 10:15 to 11 a.m. classes. Pre-kindergartners will learn how to tumble from 2:45 to 3:40 p.m. and first and second graders can roll around from 3:45 to 4:40 p.m. Tumblers should wear loose clothing, no tights please!

For more information, call NWC ext. 2909.

Dr. Lawrence Cosner will present "Researching Medical Pedigrees" for the IWV Genealogical Society at 7 pm. tonight, Sept. 14, at the Kern County Public Library Meeting Room. For more information call 375-4843.



FIRST IN LINE - Members of the Naval Weapons Center Color Guard helped to start last weekend's parade off right by leading the event.

Class teaches drivers how to adjust

On Sept. 20 and 21, the American Association of Retired People will once again hold a 55/Alive class. The course will run from 10 a.m. to 12 noon and from 1 to 3 p.m. on both days with Bob Osmon as the instructor.

This course is important to people over 50 because they have learned to drive 25 or more years ago. In this time period, many rules of the road have changed, people drive faster, and, for the elderly, reaction times have slowed, eye sight has dimmed, hearing has worsened and joints have stiffened or show signs of arthritis. While this course does not cure any of these problems, it does teaches one to adjust.

This course does so well that statistics show people who complete the course have fewer accidents than other drivers. In fact, the improvement is such California law mandates an appropriate discount be given to people showing proof of completing the course.

This instruction must be completed every three years to maintain eligibility for the insurance premium discount.

To take the course, send a check, made out to A.A.R.P., in the sum of \$8 to Bill Davis, 55/Alive coordinator, 235 Apache Lane, Ridgecrest, CA 93555. Class size is limited, so register early.

For more information, call Davis at 375-2129.

Museum docent workshops scheduled

Explaining museum exhibits to children is an important aspect of the Maturango Museum activities. Docents from the Maturango Museum are the elite group of volunteers who teach natural history, love and respect for nature and appreciation for the role of museums. As the museum grows, so does the need for more docents and more docent training classes.

Workshops for the Maturango Museum docent apprentices will begin Oct. 1 at 9 a.m. at the museum. Two more October workshops will be held at

times set by the apprentices. In November and December, there will be practice sessions in presenting materials by the apprentices. In January through May, the apprentices will accompany docents to classrooms to observe docenting in action. At the completion of studies, they will become full-fledged docents.

Anyone interested in attending docent training, should register at the museum. For more information, call Phyllis Wise at 375-2103 or the Maturango Museum, 375-6900.

Donate old rags to Auto Hobby Center

Before throwing those old rags away, the Morale, Welfare & Recreation, Auto Hobby Center staff is asking you to bring them to the Auto Hobby Center for recycling and future use. Show your support and

donate today.

For further information, call John at NWC ext. 2346.



personnel development Luncheon planned to honor graduates opportunity

Following are upcoming classes being offered by the NWC Training Center. To enroll in any of the classes, simply fill out a training request (NWC 12410/73) and send it to the Human Resources Development Division (Code 224) via department channels.

Security for Clerical/Administrative Workforce (6 hours) Oct. 9, 0800-1430, Training Center. By Code 243.

Scope: This course covers badging and area access procedures; procedures for new employee security clearance; how to arrange for visitors, both foreign and domestic; how to mark and safeguard classified documents; transmission of classified documents; destruction of classified documents; courier card, letters and memos; and how to get keys made and locks/combinations changed.

Deadline: September 27.

Introduction to TQM for Clerical Personnel (4 hours) -- two classes being offered.

Oct. 4, 0800-1130, Training Center. By Code 012.

Nov. 1, 0800-1130, Training Center. By Code 012.

Scope: This class is designed to introduce Total Quality Management Concepts to clerical personnel with a slant towards how TQM principles can be implemented in their work place.

Deadline: September 26 for October class.

October 24 for November class.

Security Training for Supervisors (12 hours)

Oct. 16-18, 0800-1130, Training Center. By Lyn Wilson.

Scope: All supervisors now have security as a critical element in their performance plans. OPNAVINST 5510.1H, the Navy Information and Personnel Security Program Regulation, requires that supervisors must assure themselves that subordinates know the security requirements impacting on the performance of their duties.

This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security (COMSEC), information security, personnel security and badging, computer security (COMPUSEC), physical security, operation security (OPSEC) and security education and assistance. For more information, call NWC ext. 2675.

Deadline: October 10.

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First Book of Quicken

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On Oct. 4, a graduation luncheon will be held to acknowledge graduates from the Center-sponsored academic programs (the Co-op, Center-sponsored degree and the fellowship programs). The luncheon, which will be held at the Seafarer Club, will be from 11 a.m. to 1 p.m.

Speakers for the event will be Capt. Douglas W. Cook, NWC Commander; Bill Porter, NWC Technical Director; Dr. James George, assistant vice president, Academic Affairs, Cal-State University, Bakersfield; Dr. Gary Watters, dean of the College of Engineering, Computer Science and Technology, Cal-State University, Chico; Dr. A. F. Ratcliffe,

dean of the School of Engineering and Computer Science, Cal-State University, Northridge; Pat Baczkiwicz, NWC professional recruitment coordinator; and Dr. Ronald Derr, head, NWC Research Department and FY 1991 chairman of the NWC Long-Term Training Committee.

Menu choices are (prices include gratuity and coffee or tea): crab louie salad for \$5.75 or club sandwich with fries for \$5. Tickets for the luncheon may be purchased from Margaret Augustine, Room 106 at the Training Center. Tickets may be paid for by check made payable to MWR-EM. Tickets **MUST** be purchased by Friday, Sept. 28.

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MWR UPCOMING EVENTS



Friday, September 14th

•Seafarer Lunch Special-California Beef

Saturday, September 15th

•Golf Course has new China Lake logo items!

•Matinee, NWC Theater, 2 p.m., Courage Mountain

Sunday, September 16th

•Open Roller Skating, Youth Center, 1-4 p.m.

•Brunch, Seafarer Club, 10-2 X2581

Monday, September 17th

•Seafarer Lunch Special-French Dip

•Grilled Steak/Chicken 11 a.m. to 1 p.m. •Seafarer

Tuesday, September 18th

•CRAFTTECH Daytime Classes •Sign-up Today!

•BINGO MADNESS-Seafarer, 7:00 p.m. X2581

•Seafarer Lunch Special- Sloppy Joes

Wednesday, September 19th

•Mid-week stress? Come play 18 at the Golf Course!

•Call for Information on "Jazzercise" X6542

•Seafarer Lunch Special-Crab Salad

Thursday, September 20th

•Seafarer Lunch Special-Taco Salad

•Sign-up for the 1990 Mini Triathlon • X6542

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O' Club-Sept. 21st • 6 p.m.

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Exchange features new catalog

Eligible patrons of Navy Exchange outlets, including those at China Lake, are invited to use the Exchange Mail Order Catalog, a joint services catalog that serves authorized exchange customers.

The new 417-page catalog, good through February, is packed with merchandise from American sources and the international marketplace and includes clothing, shoes, jewelry, watches and leather goods. It will also feature giftware items like luggage, toys, housewares, china and crystal. Telephone fax orders are accepted seven days a week; to place an order, just have your credit card hand and dial one of the following numbers: 1-800-527-2345 or for FAX, 1-800-446-0163.

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Restructured acquisition guidelines test approved

Codes 25, 35 and 36 join forces for implementation of new processes

In an effort to improve productivity at China Lake, an action team was formed in March 1989 to investigate methods of refining the local acquisition process. Organized by Sterling Haaland, who then headed the Engineering Department, the team was composed of representatives from across the Center who brought together a broad cross-section of expertise and interests.

Team members included Debra Zamarron, Susan Scott, Pat West, Steve Fowler, Frank St. George, Bob Riggs, Ray Caruso, Carl Hinners, Louise Knecht, Les Malnassy, Flint Jacobs and Dave Eiband.

Action team found initial scope of improving entire acquisition process to be too broad.

In November 1990, the approved and restructured acquisition process will be implemented on a test basis using procurements from the Attack Weapons Department and the Engineering Department, with the Procurement Department providing contracting support under the new guidelines.

The action team found the initial scope of improving the entire local acquisition process was too broad; with that in mind, the initial effort refocused on improving the acquisition requirements package which forms the technical basis upon which the Procurement Department formulates a contract.

The test program will implement the action team's recommendations on a sampling of contract actions in the two targeted departments. The remaining portions of the contract life cycle, contractor selection, contract award, contract administration and close-out will be addressed by future action team work.

During their investigation, the action team found no one really understood the acquisition process well

enough to describe even a cursory flow of events. The applicable instructions and regulations were extensive, difficult to understand, and nearly always subject to interpretation. And, the review cycles were seemingly insurmountable.

The new test process, on the other hand, does have a defined process and flow. Instead of *ad hoc* preparation, acquisition packages under the new system will be prepared by teams of management, technical, technical support and contracting personnel. These teams will be formed at the initiation of the acquisition process, remain constituted throughout preparation and approve the final product. Authority to approve the acquisition packages will be delegated by the heads of the Procurement, Attack Weapons and Engineering departments to the team members.

Participants in the test program will be trained and indoctrinated in the new process during October, in much the same manner as the Personnel Demonstration Program briefings.

Fuller understanding of acquisition requirements and process aimed at continued NWC leadership.

In addition to the new process itself, a key training objective will be instruction in effective teamwork and leadership skills. These skills and a fuller understanding of acquisition requirements are intended to improve the relationship between the technical and contracting community.

The end goal is to keep China Lake in the fore of laboratory leadership and allow the Naval Weapons Center to effectively operate in the current austere environment. For any questions about the test program or its goals, please contact any of the team members.

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Dogs inspect for illegal drugs

(Continued from Page 1)

the dogs were available. From this list, random sites were selected and assigned a time.

China Lake has two military working dogs trained and certified for sniffing out illegal drugs and in attack procedures. The handlers are China Lake police officers Lt. Ron Lewis, who is in charge of the MWD program, and Sue Hunsaker.

Every year, a Law Enforcement Physical Security team from the Military Working Dogs Command, Naval Shipyard, Long Beach, tests the dogs to verify their ability to sniff out certain illegal substances. The canines must test a 90 percent success rate to be certified. If they fail, they are given a grace period and retested. If they still fail, and it is not a handler problem, the dogs are removed from the program. "The Navy is the only service which has a quality assurance program for their working dogs," said Lt. Lewis.

After certification by the Law Enforcement Physical Security team, the drug sniffing dogs and handlers must go through another certification process in front of the Naval Weapons Center commander, showing him that the dogs and handlers are capable of doing the jobs they were trained for.

Because both dogs are trained in attack methods, Lt. Lewis requests China Lakers not to try to pet the

dogs when they come through. "During inspections," said Lt. Lewis, "there will be another police officer, besides the handler with the dog, who will go in and tell the employees that the military working dog is coming through and to help keep them out of the canine's way."

"Because these are scheduled inspections at random sites," said LCdr. McDonald, "any illegal drugs found on the premises can be used in a court of law. If drugs are found, an investigation will be initiated. If they are connected to a military person, that person will be charged under the Uniformed Code of Military Justice (UCMJ). If connected to a civilian, the information will be given to the appropriate civilian authorities."

"In addition to any judicial action against the person," he continued, "civilian personnel will be dismissed and barred from the base, as will military personnel once discharged." For drug offenses, the minimum period of banishment is two years.

"This rule applies to everybody -- civilians, contractors, military and dependents, no matter what their or their sponsors' rank is," stated LCdr. McDonald.

The message being conveyed -- illegal drugs will not be tolerated onboard the Center.



CHECK HERE—Cito, a military working dog from the China Lake Police Division, indicates to his handler, Police Officer Sue Hunsaker that illegal drugs are hidden in the car's gas tank. By direction of Capt. Douglas W. Cook, NWC Commander, two NWC police dogs will once again start inspecting work sites at China Lake for illegal drugs. Photo by PH3 Cary Brady

Master chief likes 'new' Navy

(Continued from Page 3)

"However, I feel they work well together, which is important. The military and civilians need to intertwine, with the engineers and technicians working directly with the pilots and flight crew."

"We have to look for change and make things better."

One way the command master chief finds out how issues are affecting the enlisted personnel is by mingling with them in a relaxed atmosphere. "In a relaxed atmosphere, we can solve the oil crisis and the national debt problem within a matter of minutes," he stated. "And through our talks, I get an overall feeling about what they feel."

"I don't want answers they (the enlisted personnel) think I want to hear, I want to know their honest feelings. If someone wants to talk to me in confidentiality, I will honor that request," he added.

An up-to-date type of person, AVCM Keeler likes the changes that have been taking place in the Navy. "Ten years ago," he said, "it was frowned upon if a sailor getting ready for orders asked if he could consult his spouse before deciding a duty station. Now it is welcomed and even encouraged. If a sailor's family isn't happy, he won't be able to give 100 percent."

"We have to look for change and make things better," AVCM Keeler stated. "We can't stay old Navy. We must be able to change with our environment."

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Long-term training applications being accepted

Applications for NWC-sponsored long-term graduate level training are invited from NWC employees. Long-term training is defined as training off Center for a period of more than 120 consecutive working days. To be eligible for long-term training, interested individuals should be employed at NWC for at least three years at the time studies begin.

Long-term training may be considered to meet any of the following objectives:

1. To update employees' knowledge where several years have passed since they have completed or left academic or in-service training.
2. To give technical employees management skills when job responsibilities have, or will become, managerial.
3. To update employees' knowledge and background in their job specialty.
4. To teach employees aspects of another occupation that relates to their present occupation where responsibilities are interdisciplinary or multidisciplinary.

The Long-Term Training Committee (LTTTC) will consider applications in any area of study that relates directly to NWC program requirements. The primary criteria the LTTTC follows in determining when

long-term training is used instead of after-hours, part-time or short-term programs are as follows:

1. The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.
2. The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term full-time duration is required.
3. It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.
4. There is no educational institution or academic program in the local or community area for part-time or after-hours training.

The following areas of critical need have been established by center management: systems engineering; microwave/RF circuits, subsystems and missile guidance, antennas, and radar engineering; microwave antennas; digital and analog signal processing; missile test equipment; target signatures--modeling and reduction;

radar, laser, EO-IR targeting sensors; weapons/avionics integration; tactical embedded software; facility simulation software; air combat susceptibility/vulnerability; EW systems; propulsion; operational research/analysis; statistics; advanced structural engineering (aerodynamics - CFD, aerospace - thermal, structures); financial/business systems analysis; physics (electro magnetism); electrical engineering - high voltage, short - rise time power; physics/engineering -- detonation mechanics, interior ballistics, combustion; modern digital signal processing - ISAR, SAR; RF active array theory/practice; avionics system engineering; chemistry - organometallic/solid state synthesis, laser spectroscopy and electrochemistry.

Code 2241 funds will pay for the trainee's salary (including MTP), the cost of tuition, payment of travel to and from school, and a reduced rate per diem to cover the cost of housing while at school.

Further details of the NWC sponsored Long-Term Training Program are provided in NAVWPNCENINST 12410.5M of November 12, 1987, and in the Long-Term Training Handbook, IDP 3511. Both sources are available from department

offices or from the Training Center.

HOW TO APPLY

Interested employees will need to submit to the Academic Fellowships Office, Code 2241 an original and seven copies of the following:

1. NWC LTT Nomination Form (NAVWPNCEN 12410/85) including attachments; and
2. A memorandum of endorsement/nonendorsement signed by their department head addressed to the Chairman, Long-Term Training Committee, Code 2241.

NWC LTT Nomination Forms are available from Code 2241, Rm 212 in the Training Center (Bldg. 00947).

DEADLINE TO APPLY IS OCT. 15.

To avoid confusion and obtain guidance on LTT application policies and procedures, it is strongly recommended that employees contact the Academic Fellowships Office to discuss their intentions.

Information, counseling and assistance about long-term training is available from Bill Bethke or Sue Swett, Academic Fellowships Office, Code 2241, NWC ext. 2349.

Conditions must be met to restore leave

Employees who have annual leave cancelled because of on-the-job operational demands may have it restored for later use provided the following conditions are met: (1) the operational demands are of such major importance as to preclude the use of scheduled annual leave, and (2) the annual leave must be scheduled at least three pay periods prior to the end of the leave year. Because this year's leave year ends on Jan. 12, affected leave time must be scheduled prior to Dec. 2.

Requests for restoration of annual leave should be sent to the head, Employee Management Relations Division (Code 221) as soon as possible after the on-the-job operational demand is known and prior to the cancellation of the leave. The following documentation supporting the claim must be provided with the request:

- a. The SF-71, Application for Leave, showing the date the leave was scheduled (must be prior to Dec. 2), the date(s) during which the leave was scheduled for actual use and the amount of leave (days/hours) that was scheduled for use;
- b. A statement from the department head giving the reason(s) for the proposed cancellation of

approved leave and the beginning and ending date of the operational demand. This date is important because it is used to establish the time limit for the employee to use the restored leave. Failure to provide this date could result in the employee being given less time to use the restored leave. The Employee Management Relations Division will obtain approval or disapproval from command and notify the department and employee.

Employees who annual leave is restored will have the leave carried in a separate leave account. This leave must be scheduled and used no later than the end of the leave year ending two years after the ending date of the operational demand.

If employees are unable to use this leave within the leave year and do not think they can show cause to have their leave restored, they are encouraged to consider donating the leave to those registered in the leave transfer program.

Questions regarding leave restoration can be answered by Nancy Cleland. For more information about the leave transfer program, contact Dan Burnett. Both can be reached at NWC ext. 2018 or 3892.

Dr. Madrigal plans visit to NWC

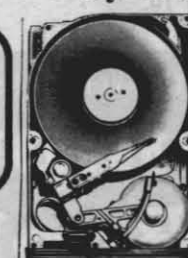
Dr. Orlando Madrigal of Cal-State University Chico will be on Center Sept. 27 to advise current and prospective students in the external degree programs offered by the school.

Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Helen Benes at NWC ext. 2648.

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Promotional opportunities are available

(Continued from Page 17)

Aircraft Weapons Integration Department. The incumbent provides overall direction, coordination, and management of branch activities. **Job Relevant Criteria:** Knowledge of affirmative action principles, including a willingness to implement EEO practices; knowledge of mainframe computing facilities; knowledge of computer networks and systems including ADP security regulations and procedures; ability to influence and motivate others including negotiating budgets with program offices; ability to plan, organize, coordinate, and manage a technical program. The incumbent may be required to serve a one-year supervisory probationary period. The incumbent must be able to obtain and maintain a Secret clearance. Promotion potential to DP-4.

No. 62-023, Electronics Technician, DT-856-2/3, Code 62361-This

position is located in the T-9 Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. Incumbent will fabricate, operate and maintain North Range Radars and Video Theodolite systems used for missile and aircraft testing on NAVWPNCEN North Ranges. Incumbent will work with Radar Transmitters and solid state receivers for pulsed tracking radar systems as well as working on Video Theodolites subsystems, video cameras, and computer controlled devices. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit design; knowledge of Radar/Radar systems, Video and Servo systems; ability to troubleshoot digital and/or analog circuit; ability to communicate both orally and in writing with all levels of personnel. Overtime and working outdoors are required. Promotion potential to DT-3, but not guaranteed.

No. 31-042, Secretary (Typing), DG-318-1/2, Code 3142 - The incumbent will provide secretarial and administrative support to the AV-8B Avionics and Weapons Integration Branch. Working knowledge and skill in using a Macintosh II personal computer with related software is desired. Ability to develop proficiency in operating a desktop personal computer is required. Full promotion potential of the position is DG-2. The area of consideration for this position is the 03 Directorate.


No. 31-063, Secretary (Typing), DG-318-2, Code 3107 - The incumbent provides secretarial and administrative support to the Deputy F/A-18 Weapons System Support Activity in the F/A-18 Program Office. The incumbent is responsible for all secretarial duties including frequent preparation of travel orders and technical

briefs. Must have the ability to communicate effectively. Skill on the Macintosh computer is desired. Full performance level of this position is DG-2. Previous applicants need not reapply. The area of consideration of this position is the 03 Directorate.

No. 38-004, Secretary (Typing), DG-318-3/4, Code 38 - The incumbent will provide secretarial support to the Head, Research Department and will oversee the quality of all correspondence of the Department. The incumbent must have knowledge of Naval correspondence; must be able to prioritize and schedule a complex workload; must demonstrate positive interpersonal skills and be able to interact with all levels of personnel. Experience on a Macintosh is desirable. Promotion potential to DG-4.

No. 39-036, Secretary (Typing), DG-318-2, Code 39B11 - This position is located in the Standard Missile Project Office, Intercept Weapons Department. The incumbent provides secretarial/clerical support to the project manager and staff. Skill on the Mac II Computer is desired, but not required. Must be able to obtain and maintain a secret clearance. Area of consideration is limited to the 03 Directorate.

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Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 28-015, Secretary (Typing), DG-318-2, Code 2832 - Incumbent provides secretarial and administrative support to the Head, Management Analysis Branch and branch analysts. Basic skills in telephone etiquette and in writing routine correspondence and knowledge of official naval correspondence format, Center organization, and administrative operations is highly desirable. Hands-on experience with Macintosh computers is desirable. Promotion potential to DG-2.

spondence and knowledge of official naval correspondence format, Center organization, and administrative operations is highly desirable. Hands-on experience with Macintosh computers is desirable. Promotion potential to DG-2.

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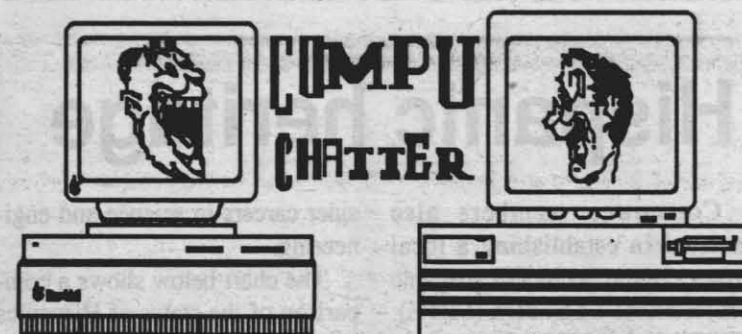
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AutoCAD Exchange

Boy, is this a deal for you CAD users who would like to be using AutoCAD instead of your current CAD application. It's like going to a high tech swap meet!

Now through November 30, Autodesk, publisher of AutoCAD, is allowing all federal government agencies to exchange their copies of "the other guy's CAD application" plus \$500 for a copy of AutoCAD Release 10. Not too shabby a deal, eh?

The question you are now faced with is "Does my CAD application qualify for the exchange program?" Since you asked, there are several applications which definitely fall within the exchange program guidelines, and they are: Anvil 5000 (PC version), Arris, Autotrol, CADDS 4X, Cadvance, Cadkey, Calma, Catia, Micro-CADAM, MicroStation, P-CAD, Personal Designer, and, last but not least, VersaCAD. There you have it, folks.

So, what if your CAD application is not on the list and you feel that it meets the guidelines for exchange.

By the way, the guidelines for exchange in this program state that the competitive software that is being exchanged MUST be equivalent to AutoCAD and not some low end product. This means that Autodesk is calling all the shots as to what does or does not qualify. I know, I know, this completely blows all you practical jokers away; I thought it would be fun to send in a mechanical pencil and an engineering pad too! If you have a CAD application that you think may qualify or need further information, you can contact the distributor directly at 800-233-8866, ask for Sandie Kosareff.

The PC Lab can handle the exchange and orchestrate all the paperwork and red tape for you. You will need to submit all master/original/serialized disks and user documentation from the CAD application being exchanged along with a J.O. to cover the \$500. The PC Lab will then process the exchange and get the new AutoCAD application for you, pronto.

By Bob Beane

China Lake Police keep radar patrols underway

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swigum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday -- Richmond Road.
- Tuesday -- Inyokern Road.
- Wednesday -- Burroughs Road.
- Thursday -- Randsburg Wash Road.
- Friday -- Sandquist Road.

Violations may be cited at any time, as well as in areas other than the ones mentioned above.

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Recycling: Newsprint no; computer paper yes

According to the Indian Wells Valley Association for Retarded Citizens (ARC), the recycling contractor for the Naval Weapons Center Employee Services Board (ESB), the bottom has dropped out of the recycling market for old newspapers.

Because of this, ARC is having difficulty finding a buyer for the sizable accumulation of newspapers stacked at the Richmond Road location and asks people not to deposit any more newspaper. "It would really be better for people to hold off on giving us newspapers for a while," Sam Brown, manager of ARC's recycling program, reported. "The market for recyclables has its ups and downs, like any other market. All of a sudden, the price for old newspapers dropped so low, it doesn't cover our transportation costs to deliver it."

As soon as the market changes and ARC starts collecting old newspapers again, Brown said, he will notify ESB.

"What we really need," said Brown, "is typing, photocopy, computer and scratch paper, along with tab cards and envelopes -- both white and colored. While ARC can also use paper that's been shredded or mulched, Brown noted unshredded paper is more practical for ARC personnel to process.

Staples don't need to be removed from the paper donated to be recycled, but Brown asks that carbon paper, plastic items such as presentation transparencies and paper clips be removed.

Other items ARC collects for recycling are aluminum cans,

plastic milk/water jugs and the following glass food and beverage containers -- food jars, juice bottles/jars, and soda, beer, wine and liquor bottles. Metal lids and caps should be removed, but labels can remain. If possible, Browns asks that the glass objects be sorted -- clear or colored.

Glass recycling plants do *not* accept drinking glasses, heat-resistant ovenware, crystal items, light bulbs, mirrors, window glass, ceramic items and clay flower pots.

Other *non-recyclables* are film, thermo copy paper, photographs, waxed paper, transparent tape, foil-lined paper, carbon paper, mimeo stencils, paper towels, toilet paper, facial tissue, paper cups and oil. There is also no market for cardboard.

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NWC increases recruitment efforts

Month celebrates 500 years of Hispanic heritage

Sept. 15 to Oct. 15 will mark the second Hispanic Heritage Month. Congress expanded the observance from a week to a month last year.

The 1990 theme of "500 Years of Hispanic Heritage 1492-1992. Education Excellence" combines the celebration of Columbus' Spanish-sponsored voyage to the New World and a look at how Hispanics can improve their lives in the future.

Hispanic Employment Program Committee assisted in establishing Society of Hispanic Professional Engineers (SHPE)

While Naval bases throughout the nation will hold various activities to celebrate Hispanic Heritage Month, the Naval Weapons Center has combined all of the usual minority and women group activities into one celebration -- American Heritage Week -- which acknowledges the historical contributions of these groups. This year's celebration was held in June.

In 1989, Secretary of the Navy H. Lawrence Garrett III issued a memo to all Department of the Navy (DoN) commands with a

five point program to achieve a goal of five percent Hispanic representation in DoN by the end of Fiscal Year 1992. The five point plan required activities to demonstrate personal commitment of the DoN goal of increasing the Hispanic representation rate to five percent by 1992, conduct innovative and aggressive recruitment programs, emphasize the objectives of the Hispanic Employment Program (HEP)

through annual EEO training of supervisors and managers, expand contacts with Hispanic organizations to enlist community support and to recognize progress through publicity and awards.

At the Naval Weapons Center, a Hispanic employment program manager was appointed in 1989 to function within the Human Resources Department. In addition, a Hispanic Employment Program Committee was formed to assist in establish recruitment initiatives pertinent to NWC and based on achieving results. The

committee developed recruitment initiatives which were approved by the NWC Steering Group and the NWC EEO Advisory Committee. Despite the hiring freeze, the Center has implemented several of these initiatives.

The initiatives include recruiting at regional colleges and universities for graduating scientists and engineers and S&E students for the Navy's Centralized Cooperative Education Program. Vacancies were advertised in magazines and newsletters to which Hispanic professionals and students subscribe. An extension on this recruitment effort included community organizations whose objectives are to improve the professional development of Hispanics.

Upon implementation of the co-op program, eight students were hired that first year, including four Hispanic males and one Hispanic female. Once the students were selected, a personal effort was made to welcome them to NWC and to the community. Efforts included offering housing accommodations by host families and/or base quarters at minimal cost.

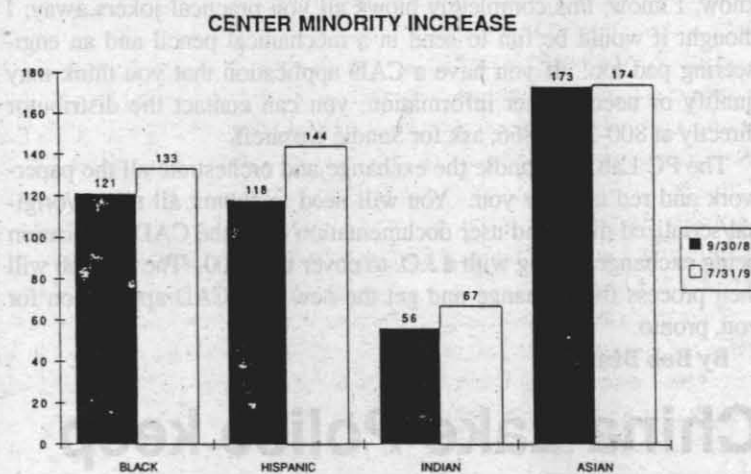
Committee members also assisted in establishing a local chapter of the Society of Hispanic Professional Engineers (SHPE). SHPE has over 100 student chapters at major colleges and universities. Its headquarters is located in Los Angeles. The HEP Committee and the local chapter of SHPE initiated the visitation of Hispanic Professional Scientists and Engineers to speak at the NWC Technical Director's Seminars -- one of the speakers was Dr. Ellen Ochoa, a NASA physicist.

Committee initiatives focus on recruitment of Hispanic youth. The HEP Committee members visited several high schools in Kern County and provided general information on NWC's mission, occupations utilized, job opportunities and hiring programs. The purpose was to not only motivate Hispanic students to stay in school, but also to con-

sider careers in science and engineering.

The chart below shows a comparison of the status of Hispanics on October 1989 and September 1990. At the end of FY 89, Hispanics comprised 2.1 percent of the NWC workforce. This year, the total of Hispanics in the NWC workforce is 2.57 percent.

There is also an improvement in the rate of offers to Hispanics. The percentage rate of jobs offers of those applicants who qualified in 1989 was 37.5 percent; in comparison, in 1990, the percentage rate of job offers of those Hispanic applicants who qualified was 94.1 percent. If similar rates are sustained and improved upon in ensuing years, the Center will be closer to the DoN 1992 goals and positioned for demographic impact of the year 2000 and will have a workforce which reflects true cultural diversity.



Entries wanted for Arleigh Burke Essay Contest

Annapolis-- The U.S. Naval Institute is accepting entries for its annual Arleigh Burke Essay Contest. This 111-year-old contest was previously known as the General Prize Essay Contest.

Cash prizes of \$2,000, \$1,000 and \$750 will be awarded to the authors of the three winning essays. Authors must focus the topics of their essays on the Naval Institute's mission, the advancement of pro-

fessional, literary and scientific knowledge of sea power.

Essays must not exceed 4,000 words and must be postmarked by Dec. 1.

For a complete list of contest rules, write the U.S. Naval Institute Membership Dept., Annapolis, MD 21402, or call, toll-free, (800) 233-USNI.

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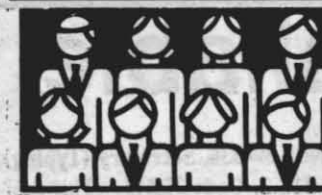
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Personnel News & Notes

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. **Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate.** If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No 27-004, Electronic Technician, DT-856-2/3, Code 2711 -- This position is located in the Networking Services Branch, Communications Division, Information Systems Group. The incumbent will log and distribute Networking Communication Service Request (CSR's), provide customer interface between the Corporate network and NWC Codes and monitor a large networking services delivery order and validate (QA/CM) work performed. Additional duties will include analyzing user requirements, planning, designing, specifying, and integrating networks with emphasis on networking with the Fiber Optics Trunk System (FOTS) as part of the Centerwide Integrated Communications System (ICS) Program. **Job relevant criteria:** Knowledge of COTR practices and technical contract monitoring procedures; Knowledge of multivendor network analysis and design; Ability to communicate orally; Ability to communicate in writing. Promotion potential to DP-3, but not guaranteed. Extensive training will be provided for specialized network system design skills.

No 27-006, Communications Specialist, DS-393-2/3, Code 2711 -- This position is located in the Networking Services Branch, Communications Division, Information Systems Group. The incumbent will log and distribute Networking Communication Service Request (CSR's), provide customer interface between the Corporate network and NWC Codes and monitor a large networking ser-

vices delivery order and validate (QA/CM) work performed. Additional duties will include analyzing user requirements, planning, designing, specifying, and integrating networks with emphasis on networking with the Fiber Optics Trunk System (FOTS) as part of the Centerwide Integrated Communications System (ICS) Program. **Job relevant criteria:** Knowledge of COTR practices and technical contract monitoring procedures; Knowledge of multivendor network analysis and design; Ability to communicate orally; Ability to communicate in writing. Promotion potential to DP-3, but not guaranteed. Extensive training will be provided for specialized network system design skills.

No 27-007, Interdisciplinary General Engineer/Electronics Engineer/Computer Scientist, DP-801/855/1550-2/3, Code 2711 -- This position is located in the Networking Services Branch, Communications Division, Information Systems Group. The incumbent will log and distribute Networking Communication Service Request (CSR's), provide customer interface between the Corporate network and NWC Codes and monitor a large networking services delivery order and validate (QA/CM) work performed. Additional duties will include analyzing user requirements, planning, designing, specifying, and integrating networks with emphasis on networking with the Fiber Optics Trunk System (FOTS) as part of the Centerwide Integrated Communications System (ICS) Program. **Job relevant criteria:** Knowledge of COTR practices and technical contract monitoring procedures; Knowledge of multivendor network analysis and design; Ability to communicate orally; Ability to communicate in writing. Promotion potential to DP-3, but not guaranteed. Extensive training will be provided for specialized network system design skills.

No 27-005, Computer Specialist, DS-334-2/3, Code 2711 -- This position is located in the Networking Services Branch, Communications Division, Information Systems Group.

The incumbent will log and distribute Networking Communication Service Request (CSR's), provide customer interface between the Corporate network and NWC Codes and monitor a large networking services delivery order and validate (QA/CM) work performed. Additional duties will include analyzing user requirements, planning, designing, specifying, and integrating networks with emphasis on networking with the Fiber Optics Trunk System (FOTS) as part of the Centerwide Integrated Communications System (ICS) Program. **Job relevant criteria:** Knowledge of COTR practices and technical contract monitoring procedures; Knowledge of multivendor network analysis

and design; Ability to communicate orally; Ability to communicate in writing. Promotion potential to DP-3, but not guaranteed. Extensive training will be provided for specialized network system design skills.

No 28-013, Supervisory Payroll Technician, DG-544-2/3, Code 2853 -- Incumbent supervises 7 to 10 payroll clerks in the Payroll Branch, Customer Services Division, Office of the Comptroller. Supervisory duties include assigning and scheduling work, establishing procedures, training new employees, providing guidance and assistance, and spot checking work of subordinates. In addition, the incumbent is responsible for monitoring the establishment and maintenance of the basic master control accounts for leave and payroll, prepares special reports as required by the Head, Payroll Branch; serves as the control point and liaison for payroll accounting data to and from the data processing group, and handles special accounts. **Job relevant criteria:** Knowledge of COTR practices and technical contract monitoring procedures; Knowledge of multivendor network analysis and design; Ability to communicate orally; Ability to communicate in writing. Promotion potential to DP-3, but not guaranteed. Extensive training will be provided for specialized network system design skills.

No 28-014, Budget Clerk/Assistant, DG-561-1/2, Code 2833 -- Incumbent will provide fiscal clerical support to the branch or any of the departments he/she serves. Incumbent assists in preparing overhead budgets; gathers financial and accounting data; monitors expenses on customer order/job order numbers; assists the department in processing travel orders and/or material requisition actions. **Job relevant criteria:** Ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to DG-3.

No 31-051, Computer Specialist, DS/DP-334-2/3, Code 31121 -- This position is that of ADP Security Specialist in the Aircraft Weapons Integration Department, Avionic Facilities Division, A-6/GSSF Facility Branch, GSSF Facility Section. Incumbent will be responsible for the provision of security policy and general procedures for Code 31 computer/office information systems and interconnections of these systems. Background in computer system administration and technical experience in either computer operations, systems software, or application software is desirable. **Job Relevant Criteria:** Knowledge of state-of-the-art PC/Computer networks and systems; knowledge of existing ADP security regulations and procedures; ability to

interpret and implement written instructions; ability to communicate orally and in writing; ability to deal with all levels of personnel. Incumbent must be able to obtain and maintain a Secret clearance. The full performance level of this position is DP-3. Previous applicants need not reapply.

No 31-067, Supervisory Electronics Technician, DP-856-3, Code 31144 -- This position is that of Section Head of the Facility Operations Section, F/A-18 Facility Branch. The F/A-18 Facility Branch provides the simulation/integration test environment and workstations for the development, test, validation, verification, and modification of operational flight programs exercised in the tactical computers of the F/A-18 aircraft. The incumbent will be responsible for the Branch Head for the planning, operations, and maintenance of the F/A-18 Weapons System Support Facility (WSSF) real-time simulation laboratory systems. The prime function of this position will be to technically supervise and coordinate daily WSSF operations including computer and workstation test operations; facility documentation efforts including software and hardware; coordination with other branch sections to efficiently schedule facility resources; establish and maintain computer security policies. **Job Relevant Criteria:** Knowledge of affirmative action principles, including a willingness to implement EEO practices; knowledge of WSSA including mission requirements; knowledge of avionic facilities hardware including embedded computer applications and productivity enhancements (including hardware and software tools; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a technical program. The incumbent may be required to serve an one-year supervisory probationary period. Must be able to obtain and maintain a Secret clearance. The full performance level of this position is DP-3.

No 31-068, Supervisory Interdisciplinary (General/Software/Computer/Electronics/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/854/855/1310/1515/1520/1550-2/3/4, Code 3115 -- The position is that of Branch Head, AWID Systems Support Branch. The Branch develops, manages, operates, and maintains computer facilities for software development, documentation generation, word processing, communication, analog to digital conversion, computer analysis, and video reproduction of flight and laboratory test data. The branch is also responsible for communication network systems, personal computer systems, and ADP Security for the

(Continued on Page 18)

Bishop area lakes and creeks releasing 12- to 13-inch trout

Trout averaging 12 inches have been taken out of Lake Sabrina in the Bishop area, while at Lower Rock Creek, around Paradise Lodge, trout has been as large as 13 inches, with limits being taken, noted the Bishop Chamber of Commerce.

The streams have just been stocked by the Department of Fish and Game in the Big Pine area and the fish being caught are running in the pan-size range, with lots of limits coming out of Big Pine Creek. The Tinemaha Reservoir is still the best area for the brown trout for those using crickets.

For shore fishing at Lake Sabrina, try hiking around the lake to the inlet area and try either worms or powerbait. For trolling, use a Dave Davis trailing a worm or lead core line with a needlefish. Go down 4 colors and troll at the upper end of the lake. South Lake has the best lake fishing in the Bishop area, use any type of lure or bait.

Green is still the predominant color for catch trout in the Rock Creek Lake area. Anything looking like a mosquito is a sure bet, along with the standard powerbait, worms or nightcrawlers. For trolling, try a wet fly, Super Duper or needlefish. The better the skills of the fisherman, the better the success.

Convict Lake is a good spot to catch the larger 4 to 5 1/2 lb. trout. Try yellow powerbait for shore fishing, or needlefish at 5 colors for trolling.

In the Crowley Lake area, the best fishing is at Crooked Creek. Remember, tube or shore fishing is

only allowed using barbless hooks and keeping trout 18 inches or better.

The Department of Fish and Game are currently stocking the lakes in the Mammoth Lakes area. Powerbait, inflated nightcrawlers, Vibrax or Super Dupers are recommended at Lake Mary. When trolling, use a flasher and needlefish. At Lake George, try a fly and bubble and orange fluorescent powerbait. The Z-ray or Phoebe are the best lures, while a flasher or a Mepps lightening lure seem to work best trolling. The fly with bubble or powerbait is doing the job at Lake Mamie. The best lure is a rooster tail. At Twin Lakes, try the fly with bubble, salmon eggs or orange fluorescent powerbait.

Shore fishing at June Lake is best when using red salmon eggs. A Cast Master or gold color Super Duper is recommended when trolling. Out of all the loop lakes, Gull Lake is the best fishing spot. Nice 3 to 5 lb. trout are being taken by trollers. At Silver Lake, try worms, marshmallows, green wooly buggers or olive matuka. Anglers will have the best luck at Grant Lake in the early morning at the narrows.

Bank fishing is best in the Bridgeport area. Bridgeport Reservoir is releasing trout in the 4 1/2 lb. range by anglers using nightcrawlers and bobber. Lots of action is being seen at Virginia Lakes. Fish are being taken up to 4 lbs. by anglers using powerbait, fly and bubble or lures. Upper Twin Lake is also releasing nice-size catches.

Lake Isabella best for catfish, some bass

Nice catches of catfish have recently been caught at the Main Dam, French Gulch and Boulder Gulch in Lake Isabella, noted Norlyne Klievoneit, French Gulch Marina. Best fishing is at night or early morning, with the fish down about 30 feet.

Some bass are being reeled in from the South-fork channel, off Engineers Point. Try Shad pattern crank bait or plastic worms. Klievoneit notes the bass are in 25 to 30 feet of water.

Early morning and late afternoon are the best times to be out on the lake. Bluegills in the hand

size range can be caught on mini jigs and meal worms during the day in the coves.

While crappie are hard to find, Klievoneit notes anglers might try the tree areas off Rocky Point and Piney Point.

The water temperature at the lake has been averaging 69 to 72 degrees, with the air temperatures in the 90s for the high and the mid 50s for the lows.

For the most up-to-date fishing information at Lake Isabella, call French Gulch Marina at (619) 379-8774.

Code bowling league players needed



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Hall Memorial Lanes is still looking for players for the Friday night Code League. Play time is 6 p.m.

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For further information about any of the leagues available at Hall Memorial Lanes, call NWC ext. 3471.



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Hunting & Fishing Day

Free fishing day set Sept. 22

California's second 1990 "free fishing day" is Saturday, Sept. 22, which also happens to be "National Fishing and Hunting Day."

California offers two "free fishing days" a year as a means of encouraging the public to try angling and recognizing the tireless efforts sport anglers have contributed over the years in the name of California conservation.

Although a current California fishing license and the various stamps or tags are not required on a "free fishing day," all other fishing regulations will be enforced. Bag and size limits, gear restrictions, fishing hours, stream closures and any other sport angler rule still apply and violators will face citations and/or warnings.

Participants are encouraged to familiarize themselves with the rules by picking up a 1990-91 DFG sportfishing regulation booklet from any sporting good store which sells fishing licenses.

O'Club closed Tuesday for cleaning

On Sept. 18, Tuesday, the Officers' Club pool will be closed for cleaning. It will re-open on Wednesday at its regular time.



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Pilot lands crippled plane

(Continued from Page 3)

"Relying on skills developed in over 3,000 flight hours," read the nominating letter, "he descended cautiously over flat terrain and banked the airplane until he could see the shadow of the airplane on the desert floor and confirmed that the landing gear were, indeed, UP."

Unable to regain electrical power or lower his landing gear, LtCol. Barr correctly determined that his airplane didn't possess the necessary performance for a vertical landing. At this time, noted Col. Banks, he could have ejected from the airplane with full justification.

However, not wanting to lose a valuable test asset, LtCol. Barr decided to attempt a slide-on landing on the airplane's 25 mm gun pod. "He flawlessly executed this difficult landing without any external assistance and with virtually no damage to the airplane," read the citation accompanying the award.

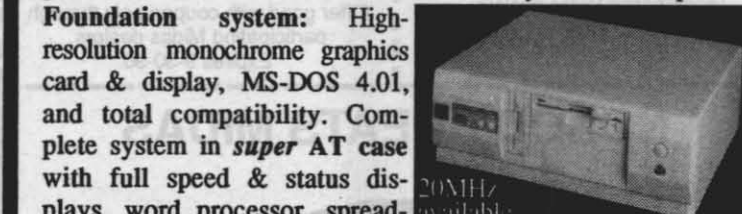
Col. Banks noted post flight investigation revealed no structural damage and the airplane was repaired and flying within one week. The total electrical failure was attributed to chafing and shorting of a large Kapton electrical wire bundle in the wing root area. The mishap board felt that LtCol. Barr's action in selecting manual fuel immediately probably saved the airplane, and several important changes to the AV-8B electrical and landing gear back-up systems have been proposed as a result of this mishap.

"Clearly, LtCol. Barr's superb airmanship and knowledge of the AV-8B were important factors in the successful recovery of this valuable airplane," noted Col. Banks. "His immediate and correct response amidst confusing cockpit indications and his coolness under extremely stressful conditions are especially noteworthy. LtCol. Barr's actions on the morning of Sept. 18 epitomize the very best in naval aviation."

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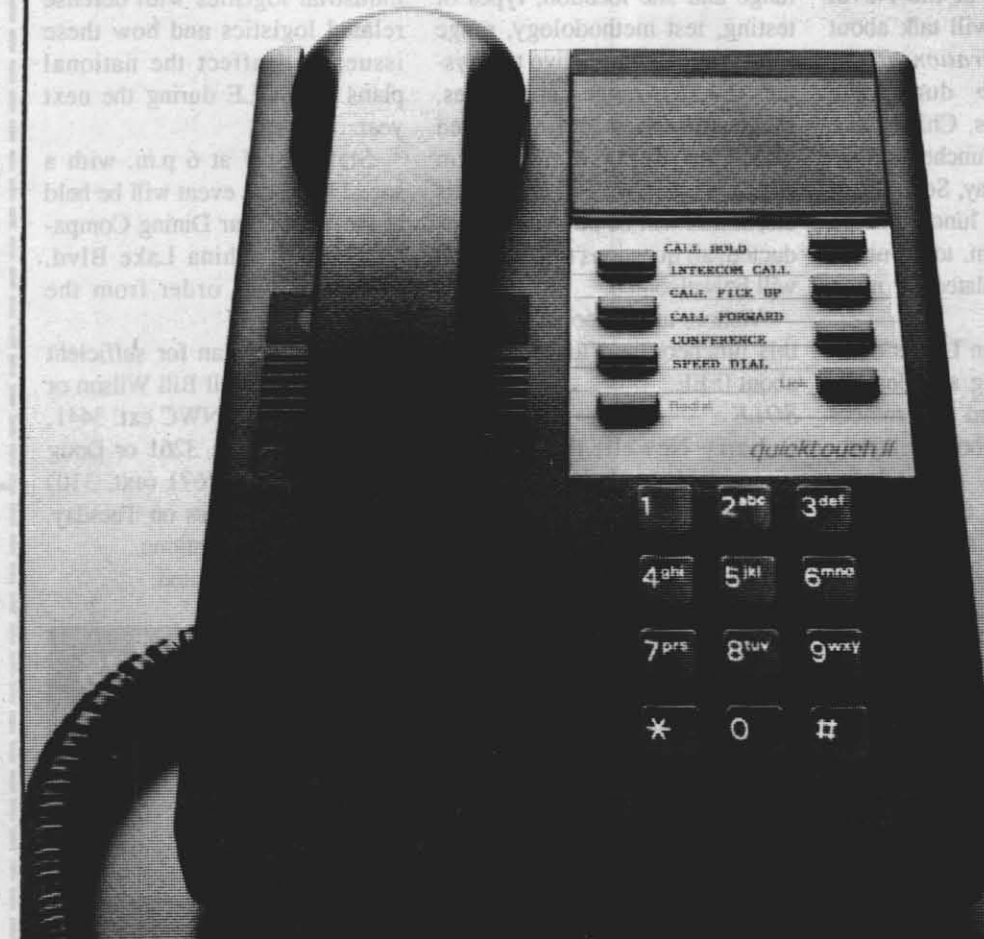
Reminder! Schools are back in session aboard the Naval Weapons Center. Be extra careful and watch for children crossing the street.

Motorists will be issued traffic citations for not yielding to children in crosswalks (marked or unmarked).

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DUI convictions will result in loss of driving privileges onboard NWC

Being convicted of driving under the influence (DUI) has many consequences, but for people who need to drive a personal or government vehicle on board the Naval Weapons Center, the consequences could have an immediate impact.

Driving a vehicle on a military base is a privilege granted by the installation commander. In order to drive any vehicle on board the Naval Weapons Center, an individual is required to comply with applicable regulations/laws and have a valid driver's license.

Failure to obey the law concerning drinking and driving will result in the immediate suspension of Center driving privileges for a period of one year.

OPNAVINST 11200.5C requires the immediate suspension of base driving privileges for active duty military personnel, family members, retired members of military services, DoD civilian personnel and others with installation driving privileges when involved in an intoxicated driving incident "regardless of the geographic location" of the incident. This means if a person is convicted of a DUI in Los Angeles, Washington, D.C., or anywhere else, his or her on-Center driving privileges will be suspended for one (1) year.

Your understanding and support in maintaining the safety and security posture at NWC is appreciated.

Technical clubs plan variety of events

Computer Society

Ron Backman, an electronic engineer in the Scientific Applications Branch, Information Systems Department at the Naval Weapons Center, will talk about *Workstation Integration at the Visualization Lab* during the Computer Society's, China Lake Chapter, monthly luncheon. Taking place on Tuesday, Sept. 25, at the Seafarer Club, lunch will be held from 11:30 a.m. to 12 noon, with the program slated for noon to 1 p.m.

The Visualization Lab is dedicated to researching and demonstrating industry and government standard software tools to tightly integrate a variety of workstations. The goal of this endeavor is, via computing standards, to configure these workstations and other computers such as the Cray, Convex and DEC VAX, to operate as on "virtual computer" in as many ways as possible.

Visitors are welcome to join the Computer Society, China Lake Chapter, members at this interesting lecture.

IEEE

Ron Stepp will discuss *NWC's Electronic Warfare Threat Environment Simulation (EWTES) Laboratory* during the Institute of Electrical and Electronics Engineers, Inc. (IEEE) luncheon. The event is slated for 11:30 a.m. on Wednesday, Sept. 19 at the Seafarer Club.

Stepp, head of the Test Operations Branch, EWTES Division, Aerosystems Department, will cover the organization structure, range and site location, types of testing, test methodology, range sub-systems, semi-active test system (SATS), range capabilities, range utilization and integrated Naval air defense simulation (INADS) at EWTES. Since this discussion will be informally conducted, all questions or comments will be welcomed.

Visitors are welcome to attend this luncheon and to learn more about IEEE.

SOLE

Larry Newell, the regional vice president of the Society of Logistics Engineers (SOLE), will be the guest speaker at SOLE's September meeting on Thursday,

Sept. 27.

Newell will discuss new levels of interests for logistics, such as alternate fuels, the correlation of industrial logistics with defense related logistics and how these issues will affect the national plans for SOLE during the next year.

Starting off at 6 p.m. with a social hour, the event will be held at the White Star Dining Company, 2600 S. China Lake Blvd. Attendees will order from the menu.

In order to plan for sufficient seating, please call Bill Wilson or Jerry Banister at NWC ext. 3441, Tree at NWC ext. 3261 or Doug Whitnell at 446-7671 (ext. 310) by close of business on Tuesday, Sept. 25, for reservations.

The public is invited.

Picnic recognizes engineers

California Society of Professional Engineers is sponsoring an Engineers Picnic on Thursday, Sept. 27, at Kern Park (across from the Ridgecrest Fire Station and near the library). Starting at 5 p.m., engineers can enjoy free hamburgers, hot dogs, soda pop and beer.

Celebrate the end of the fiscal year and have a good time while meeting fellow engineers who work in the area. To ensure enough food, please call 375-2154 for reservations.

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Six China Lakers participate in this year's Tioga Pass Run

Three place first in their respective divisions

Six Naval Weapons Center employees participated in the 10th running of the point-to-point Tioga Pass Run this past Sunday, Sept. 9. The 12.4 miles run from Lee Vining to the Yosemite Park entry station at Tioga Pass gains approximately 3,200 feet of altitude.

Mike Mumford, an employee in the Intercept Weapons Department placed first in the Men's 40-49 age category. With a finishing time of 1:53:06, Mumford placed sixth overall.

His wife, Jerry, an employee in the Fuze Sensor Systems Division, took first place in the Women's

40-49 age category. She placed 17th overall and was the third woman to cross the finish line. Her time was 2:07:44.

Scotty Broyles, who used to work in the Public Works Department before his retirement, placed first in the Men's 60+ category with a time of 2:17:39. He finished 24th overall.

Other NWC runners included Erick Kajiwara, who placed 10th with a time of 2:00:18; Dennis Burge, who came in 26th with a time of 2:22:35 and Chris Rios, who placed 28th with a time of 2:29:23.

O'Neil, Lyda place first in Division A, while Almeida, Rindt take Division B

Fifty-nine participants competed in the China Lake Tennis Club's Fall Singles Tournament last weekend.

In Division A, Ruth O'Neil defeated Suzanne Haney 6-4, 6-1 in the women's category and Steve Lyda beat Ted Osmon 6-1, 6-1 in the men's.

Stephanie Almeida upset Terry Rowell in the women's category of Division B by 6-3, 6-4, while

Michael Rindt triumphed over Paul Guggenbuehl 7-5, 2-6, 6-0 in the men's category.

The winner for the women's category in Division C was Lori Cracraft, who defeated Mary Gregg 6-2, 6-2. Aaron Moore took the title from Wally Beckett 6-2, 6-2 in the men's category.

The next event planned by the club is the Haugen Memorial, slated for Oct. 13 and 14.

OTHTC to sponsor Rattlesnake relay

On Sept. 20, the Over-the-Hill Track Club (OTHTC) will sponsor the annual Rattlesnake relay at McBride Park (off Lauritsen Road). Registration will be taken at 4:30 p.m. on the day of the race, with the race starting at 5:30 p.m.

The relay consists of three-person teams, with each person running 3.3 miles. The entry fee is \$3 per team for OTHTC members and \$4 per team with non-members. There will be four categories in the race - female, male, mixed and family. Times will be adjusted by a handicap system.

Following the race, there will be a OTHTC meeting and potluck party. New officers for the 1990-1991 season will be elected during the meeting. Participants are requested to bring a potluck dish for six: A-L, salad; M-Z, dessert. The club will furnish drinks and hot dogs.

For more information, contact Eric or Jo Kajiwara at 375-1779.

Bowling competition to decide who is NWC's king and queen

Hall Memorial Lanes and the Morale, Welfare & Recreation Division have announced the upcoming King and Queen Bowling Tournament. This event will run every Saturday, beginning tomorrow, Sept. 15, at 1 p.m. Competition will run through May 1.

Entry fee is \$10 per person, with a prize pay off of one in five. Handicap will be 80 percent of 200.

At the end of the tournament, all champion kings and queens will have a roll off down to the top five, who will then compete for the title of King and Queen. For further information, call NWC ext. 3471.



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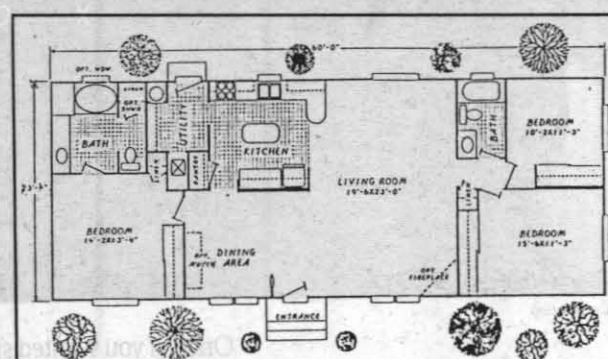
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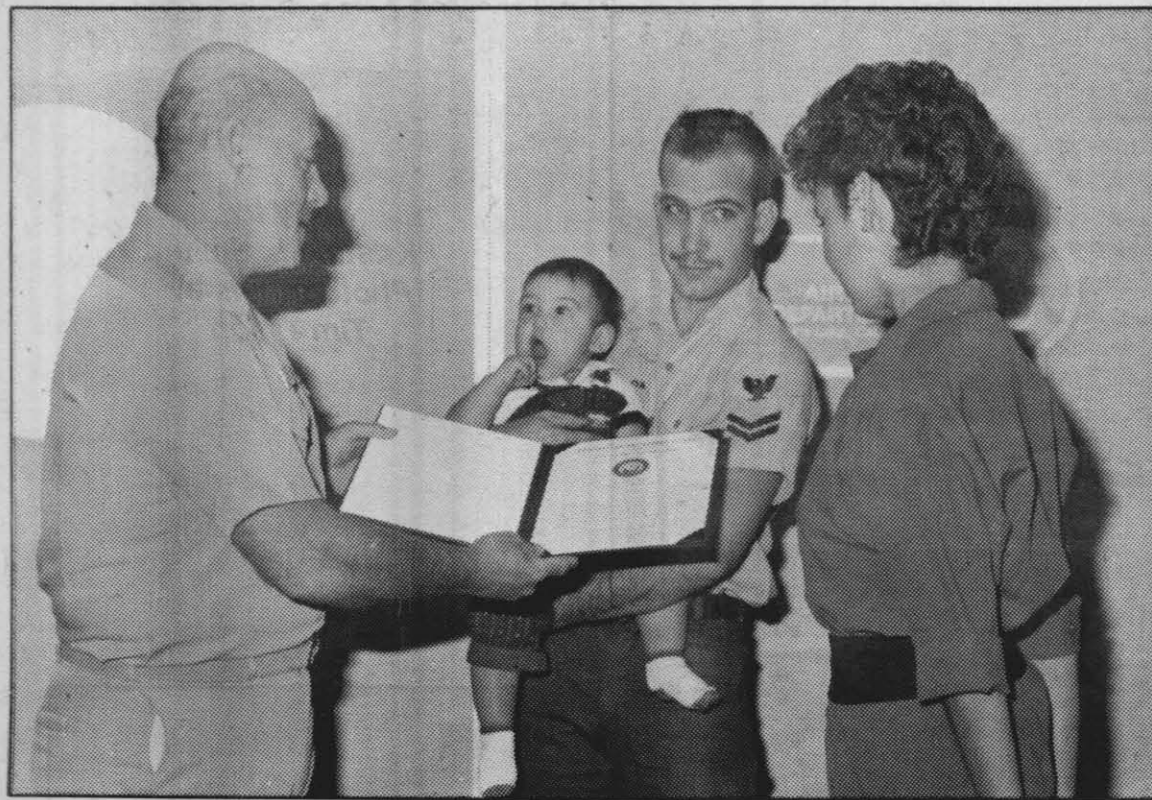
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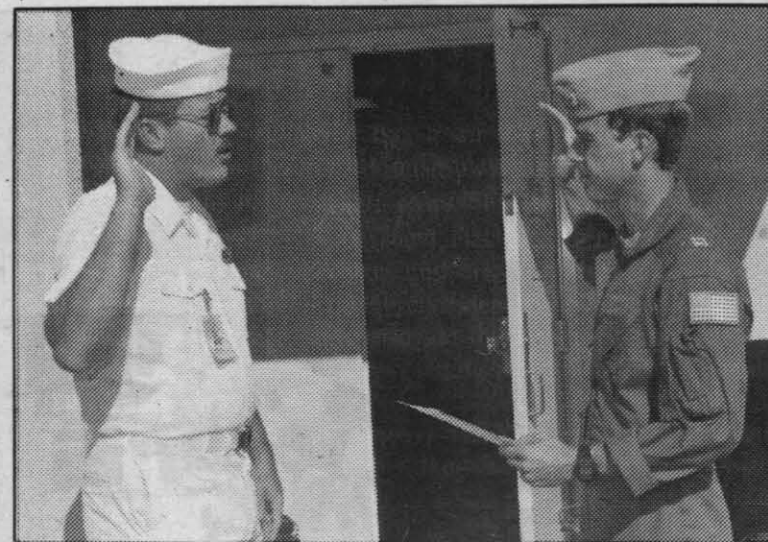
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ON MY HONOR--NWC's PR1 Robert Bunnell, Aircraft Support Division, raises his right hand to Lt. Keith Heflin, Aircraft Support Division Officer during his reenlistment ceremony. Bunnell tacked on another four years of service.

ANOTHER FOUR--AD2 Terry Middleton holds his son, Todd, while his wife, Bettye, reads the reenlistment certificate awarded to him for taking on four more years of the Navy. CWO3 Samuel B. Slater (left), maintenance/material control officer, was the reenlisting officer.



NWC Reenlistments

Photographs by
PH3 Cary Brady

IT'S THAT TIME AGAIN--MS2 Rolando Javier (right) stands proud after reenlisting for another four years. His wife, Gabriela, receives a letter of appreciation from Ens. Brian Abel, NWC Galley-Department Head.



A FAMILIAR SONG AND DANCE--Lt James Krise, NWC's NATOPS Officer, presents AD1 Vicente G. Martin, (left) Flight Support, with his reenlistment certificate. Martin chose to serve his country another four years.

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'THE EQUESTRIAN TREAT OF THE CENTURY'



Ombudsmen help Navy to 'take care of its own'

(Continued from Page 3)

Each willingly volunteers for the position and is on call to help Navy families 24 hours a day.

"I get home from work at 4 p.m. and the phone never quits. I'm here for anything from major emergencies to a family member just needing to talk," said Amy Soyke, Air Test and Evaluation Squadron Five's Ombudsman.

She has been the squadron's ombudsman for the past two and a half years. "Families need to understand that everything discussed with an ombudsman is strictly confidential." Ombudsmen provide the important link between families and their commanding officer.

There is a new addition to the China Lake Ombudsman Pro-

gram. Valerie Ditton has enthusiastically fulfilled her duties as the NWC Branch Medical Ombudsman during the past four months. She takes her position very seriously and encourages all families to "find out who your representative is. They are here to help, support, and inquire into any information needed. We really want to assist in any way we can."

The Navy takes pride in it's

ability to "take care of its own." The whole concept behind the ombudsman is in that very spirit. According to VAdm. J.M. Boorda, CNO, "It is only fitting that we take time to honor these special ambassadors and say thank you for the countless contributions they have made in improving the quality of life for our navy members and their families."

China Lake dependents or mil-

itary personnel who would like to talk to the NWC Ombudsman should call Kiren at NWC ext. 3331 Monday through Friday during normal working hours or 371-3545 after working hours and on weekends. For VX-5's Soyke, call NWC ext. 3226 during working hours or 446-2449 after working hours. NWC's Branch Medical Clinic's Ditton can be reached at 446-5695.



GIVING A HELPING HAND--Ombudsmen Nancy Kiren, Amy Soyke and Valerie Ditton (and son Jason) willingly volunteer their time to help others at China Lake. Photo by PH3 Cary Brady

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White Mountain provides perfect conditions for Long Jump IV Test

(Continued from page 1)

signature data in controlled environments.

Gerry Powell, who heads the Target Signature Projects Office, took over as program manager from Brent Headman, prior to the start of testing in August. Powell has been at NWC since 1974, and also heads the Signature Measurement and Evaluation Branch. "Our branch does various infrared measurements. From measuring rocket motor emissions or missile performance, to programs like testing in White Mountain," commented Powell.

Testing was held at Barcroft Laboratory, a research unit of the University of California, located in the eastern Sierra region of California, near Bishop. The Barcroft facilities sit at an elevation of 12,470 feet and the Summit Lab, atop White Mountain Peak, is at an elevation of 14,250 feet. "It's an ideal site because of the high altitude. This enables the aircraft to get away from most of the air contaminants," said Powell. The area also provides a clear line of site for over 100 miles, along with adequate space and facilities to support test equipment. The success rate established by earlier Long Jump tests brings NWC back to White Mountain Peak every two years.

Reflecting on the success rate, Powell remembered, "the FA-18 Forward Looking Infrared System (FLIR) was developed a number of years ago as an air-to-ground device. The pilots found that the FLIR was also useful flying, to observe and identify other airplanes. The word came back to Ford, who was developing the devices, that the fleet was interested in air-to-air capability. So Ford participated in the first three Long Jump tests. Now the

"This way you've got real aircraft flying in a realistic scenario, and the instrument teams can look at their sensors, tracking algorithms, target algorithms, signal processing, all those kinds of things, and have a good feel for how it works,"

FLIR on the F/A-18 has air-to-air capability. Each test enabled them to further the development and was instrumental in getting the device to the fleet."

The Long Jump IV measurement program conducted field measurements with electro-optical sensors viewing military aircraft targets against sky and terrain backgrounds. The basic objectives of the test were to gather side by side performances assessment of infrared sensors, gather data to support performance analysis, model validation and future system optimization and work within a testing site which allowed participants to evaluate performance of instruments at long and short ranges. "This way you've got real aircraft flying in a realistic scenario, and the instrument teams can look at their sensors, tracking algorithms, target algorithms, signal processing, all those kinds of things, and have a good feel for how it works," highlighted Powell.

This test sequence included support from the Department of Defense, civilian contractors, commercial facilities, as well as, the United States Air Force, Marines and Navy. Ten test groups were represented with a total of 36 sensors. Powell commented, "this test gives a chance for

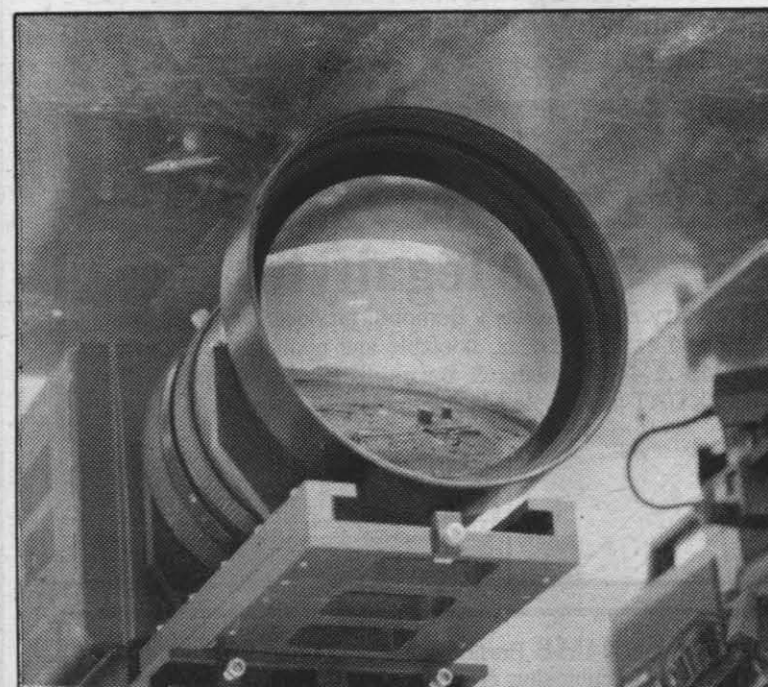
each of these different groups to come up and test in a realistic environment." Aircraft provided by the different services included military fighters, bombers, and transports.

NWC personnel with specific areas of responsibility for the test included; John Crecelius, test conductor, aircraft scheduling and flight profiles; Rich Clodt, aircraft "advisory control; Johnny LoBianco, site logistics; Tina Evans, air space management and flight crew briefing; David Shipley, operational security; John Piri, pointing and range data transmission; David Jenkins, laser safety; Phil Cote, range support; and Lloyd Corbett, meteorological support.

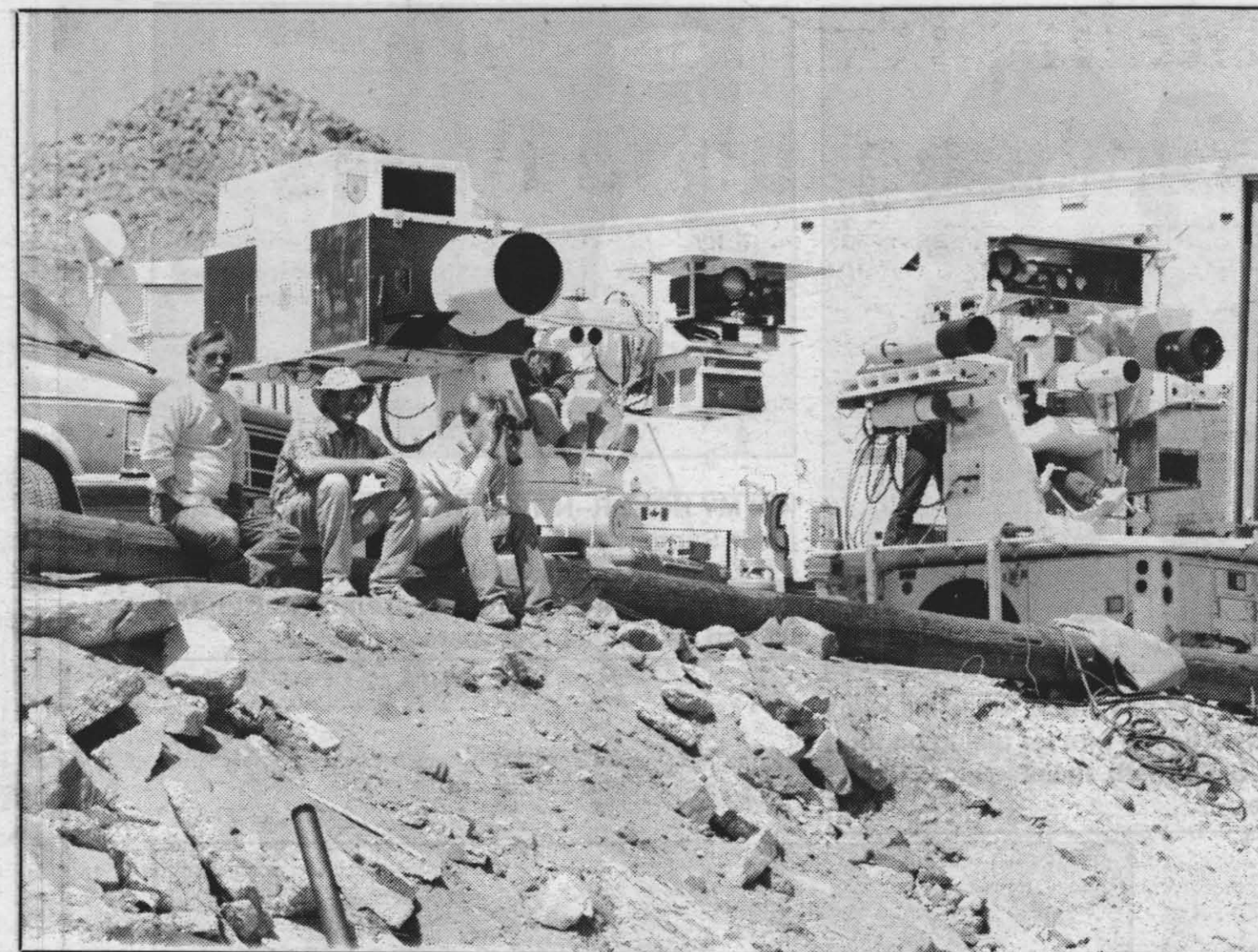
According to Powell, efforts from different codes within the Center helped in the preparation work for the test. Public Works supported by supplying cranes, forklifts, flat bed trucks and other material. The Range Department supplied a tracking mount, operator, electricians, generators, and many other valuable services at the White Mountain Test Site. "The Center has been extremely supportive of the whole project," stated Powell.

Long Jump IV testing ran from Aug. 13-31. The research and data gathered at these project testings are vital to the further development of technology. "It gives the government a tremendous advantage as a buyer of weapons systems. Each of the companies has proprietary data, and the government retains all information collected. This enables us to know what the state-of-the-art equipment in the field is, and this helps the government be a smart buyer."

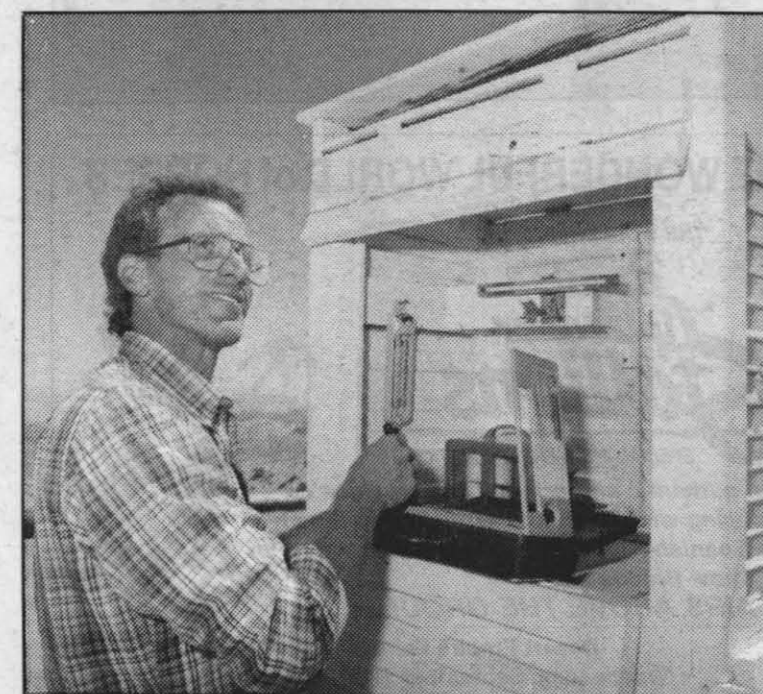
CHECK THAT OUT—NWC's Gerry Powell (right), program manager for Long Jump IV Test, and Brent Headman (left), former program manager, observe testing at White Mountain. The NWC crew, with the tracking mount setup, diligently worked to keep the things running smooth.



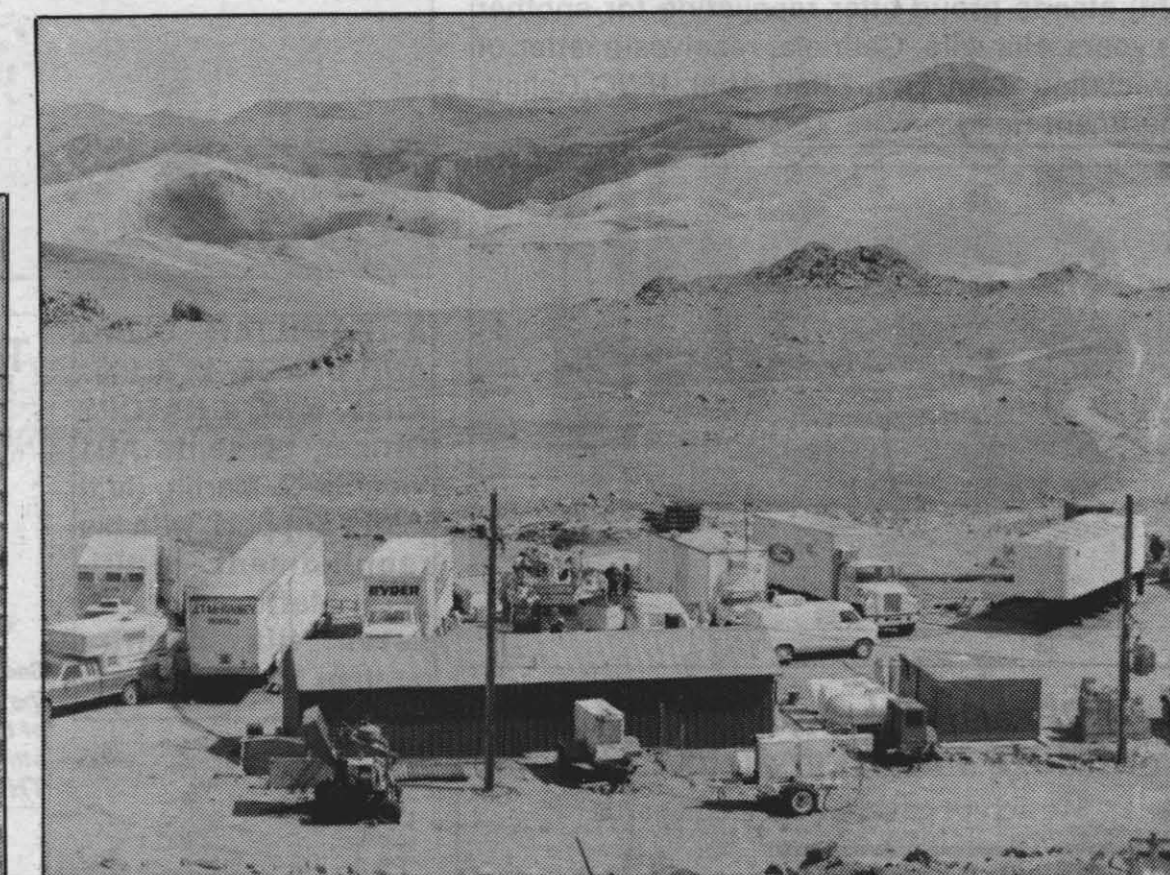
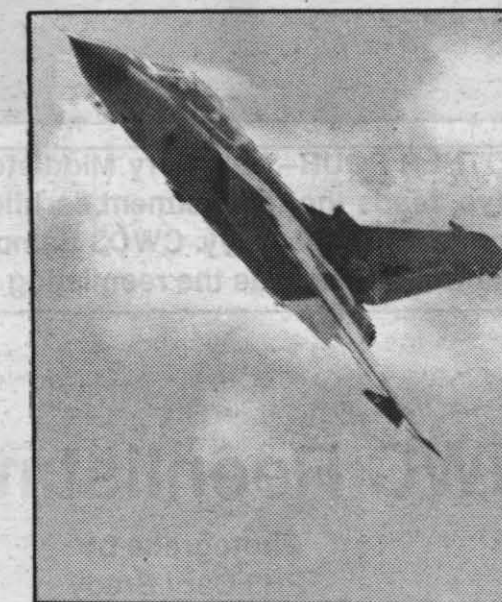
CATCH THOSE RAYS—A Mitsubishi 3-5M IR Imager tracks aircraft during Long Jump IV testing at White Mountain.



WATCHING THE BIRDS FLY BY—Canadian and Grumman instrument teams with their tracking mounts (above), monitor aircraft flying by. White Mountain Research Station's Doug McCarthy (below), carefully monitors the weather during Long Jump IV testing at White Mountain Peak. A British Tornado, one of the several aircraft present, soars through the sky (far right).



Story by
Kristine L. Smith
Photographs by
Tim Tyson



SETTING UP CAMP AT 12,000 FT—White Mountain Peak provided perfect conditions for the Long Jump IV test. Testing was held at Barcroft Laboratory, a research unit of the University of California. The Barcroft facilities sit at an elevation of 12,470 feet.