

## College unveils new community services program for '77-78

Cerro Coso Community College has announced its community services program for the 1977-78 season, which offers a broad spectrum of the performing arts and brings a variety of talents to the local area.

The first in the series will be improvisational satire performed by the Duck's Breath Mystery Theater on Aug. 31.

Matrix, presenting jazz music at its best, will return to the Indian Wells Valley on Sept. 23. On Oct. 6, guest lecturer Paolo Salari will speak on solar energy.

The Dancers' Repertory Theater, an outgrowth of the Bay Area Royal Academy of dancing, will demonstrate a variety of dancing styles on Oct. 28.

Kay Rhea, a practicing parapsychologist and lecturer, will discuss the balancing of physical, mental and emotional health on Nov. 17.

Scheduled for Dec. 3 is science fiction author Harlan Ellison, famed for his original "Star Trek" scripts. He will share personal experiences about the popular television series.

The California Zephyr, a musical group featuring the sounds of bluegrass, country and rock 'n roll, will perform on Jan. 27, 1978; and Les Williams and the Nairobian Wranglers will present a program on the Western music of black explorers, cowboys and soldiers, and the history of tap dancing on Feb. 4.

For the young at heart, The Magic Carpet will combine music, mime and dance in a full-filled evening on March 11. On April 8, famed world traveler and explorer Jens Bjerre will return for his third annual appearance, this time presenting a travelogue film on Russia.

Cerro Coso College will again celebrate Cinco de Mayo during the first week of May.

All programs are scheduled to begin at 7:30 p.m. in the college's lecture hall.

## Special Services Div. sets creative dance class for teenagers

The Special Services Division is offering a continuing program in creative dance expression for teenagers. The course will be broken into six-week increments at a cost of \$12 each (or \$2.50 per class), to be paid in advance.

The classes will be taught by Bette Jacks, who has been teaching dance in the local area for 20 years and has teaching credentials from the ballet masters of Ballet Russe de Monte Carlo and American Ballet Theatre, and from the dance director of Arizona State University at Tempe.

Creative dance expression, open to boys as well as girls, is designed to enable each student to express his or her own imagination through movement, and to develop originality, agility, coordination, strength and grace.

Registrations will be accepted at the China Lake Youth Center, NWC ext. 2909, Monday through Friday from 9 a.m. to 7 p.m. beginning today and continuing through Thursday, July 28.

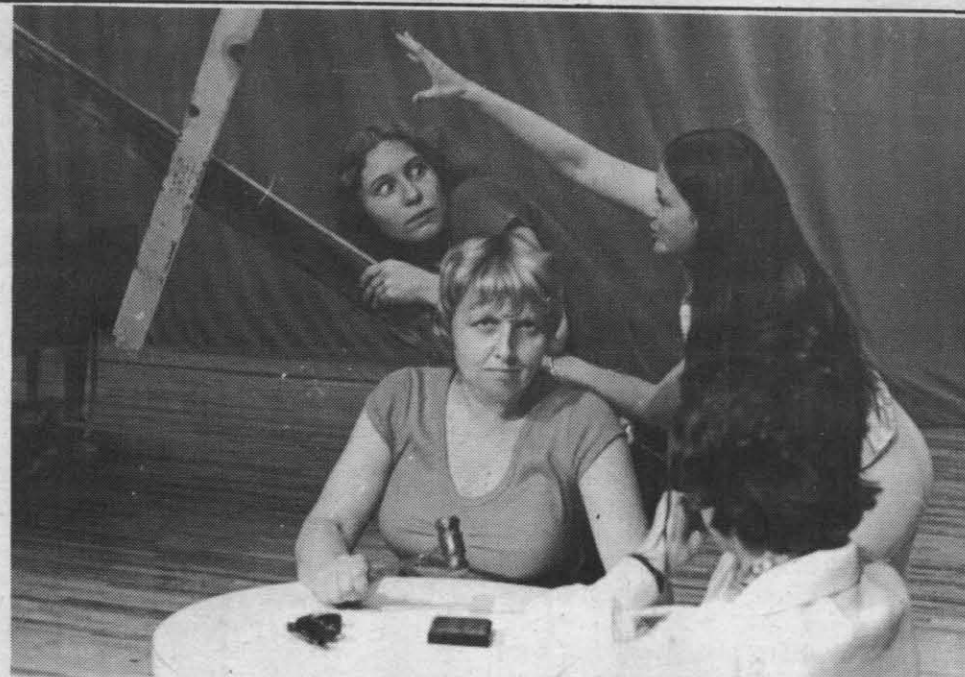
## Ticket sales humming for summer party, slated here July 29

Ticket sales are going well for the annual Naval Weapons Center summer party, which will be held on Friday, July 29, on the lanai of the Commissioned Officers' Mess, beginning at 6:30 p.m.

Everyone is invited to this Center-wide event, which is sponsored by the NWC Junior Professional Development Committee, and will feature a disco dance, funny films, good food, drinks, and a special performance by Len Finney of Los Angeles, known as "Mr. Magic."

Tickets, priced at \$3.75 and \$5.25, depending on choice of menu, are available in the main lobby of Michelson Laboratory, at all department offices and most division offices.

## ROCKETEER



**DRAMATIC MOMENT** — In this scene from "Chamber Music," Ann Maltby (holding cross) is confronted by Karen Buehler, while Jean Lehmann raises her gavel to hold the attention of Deanna Lotee (back to camera). This and another one-act play — "The Murder of Lidice" — will have their final two performances at Cerro Coso Community College tonight and tomorrow night at 8:15 in the lecture hall. General admission tickets are priced at \$2.50 each, and there is a \$1 charge for senior citizens and holders of Cerro Coso College student body cards.

## Inform police of vacation plans as precaution against burglary

Summer is a delightful time of the year. However, along with outdoor concerts, barbecues, picnics, evenings at the drive-in movies, and long walks in the gathering dusk, summer also is accompanied by an increase in residential burglaries.

"One of the reasons for this is the great number of people taking vacations during the summer months," said Steve Kaupp, chief of the China Lake Police Division.

"We are aware of the increase in burglaries and we're prepared for it," Chief Kaupp noted. "However, we need cooperation from China Lake residents to continue with our job of protecting them," he added.

### Police Available To Help

Summer vacationers have a partner in the protection of their temporarily vacant home — the policeman. A telephone call to the China Lake police dispatcher at NWC ext. 3323 will ensure that a home will be checked by police at least once every 24 hours while the tenant is gone.

In addition, the patrolman walking the residential beat in areas where such a service is provided also will be informed of addresses where tenants are on vacation.

### Tenants' Responsibilities

Responsibility for this protection works both ways, however. Tenants are asked to make sure that all deliveries — milk, newspapers, mail — have been discontinued, or that neighbors have been asked to collect such deliveries each day. In addition, vacationers should make arrangements for yard maintenance to be continued while they are gone.

"The one thing we must guard against is that residents don't get a false sense of security once the Police Division is

### Cookie and Co. at COM

Cookie and Co., a contemporary music group from Barstow, will entertain at the Commissioned Officers' Mess this evening from 8 until midnight.

Prime rib of beef and striploin pepper steak will be served in the dining room from 6 to 9:30 p.m.

Tuesday the COM will feature Manila cooking—"oriental food with a Latin lilt." Special dishes will include fried pork and chicken Adobo.

### Shuttle jam session

The Shuttle is having a jam session tonight from 9 until 1. Two rock bands—Jabberwocky, from San Francisco, and The Stumpbreakers, a local group—will be playing together for the dancing and listening pleasure of Shuttle patrons.

Dinner special for the evening is T-bone steak, served from 6 to 8:30.

The Shuttle is open for lunch and dinner Tuesday through Friday.

notified," Chief Kaupp said. "It pays to let a neighbor have a key and an address or telephone number where the vacationer can be reached. Make sure that pets are being taken care of, and leave the home with the appearance that it's occupied," the police

### Many Vacant Houses a Problem

"The problem of the vacant house is still with us," added Chief Kaupp, "and this complicates the burglary problem because some people have fewer neighbors. Discuss your vacation plans with a specific friend, don't rely on the general neighborhood. And, as always, we encourage neighborhood residents to notify us immediately if they see something suspicious."

Chief Kaupp also pointed out that the Police Division should be notified if vacationers expect a visiting relative while they are gone. "Too often we've had to question a son home from college, or a visiting aunt or uncle who are house sitting," Chief Kaupp said. "We weren't told they might be on the premises, and we had to verify their right to be there, which can cause an interruption of a tenants' vacation plans," he added.

### Timer Recommended

Chief Kaupp also recommended putting house lights on a timer. "Don't leave porch lights on. They remain on 24 hours a day and that's as much of a tip as not having one on at all," he said. A timer can be purchased at a cost of \$5 to \$10. "Cheap insurance," said the China Lake police chief.

Chief Kaupp reminded residents to ensure that all doors and windows are locked. A highly successful anti-burglary device, he said, is the dead bolt lock, which he recommended for all doors, particularly sliding glass doors, "because such locks are much more difficult to slip than a conventional type of door lock."

Also, residents should place a "pin" or a wooden rod in the track of sliding doors and windows. These types of windows and doors are the most vulnerable to burglars.

A call to the China Lake Police will bring an officer to your residence to inspect it and advise you on anti-burglary measures.

### Extravaganza coming

The Rotary Club of China Lake will sponsor a dance/concert/light show on Saturday, July 30 at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest, beginning at 8 p.m.

Tickets for the extravaganza, costing \$7.50 per couple, are available at the Daily Independent newspaper office, the Gift Mart, the NWC Credit Union at the K Mart shopping center, and the reception desk of Cerro Coso Community College—all in Ridgecrest—and the NWC Community Center.

## SHOWBOAT

### MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying

Parent or Adult Guardian

CS - Cinemascope

STD - Standard Movie Screen

Regular starting time—7:30 p.m.

Program subject to change without notice — please check marquee.

FRI. 22 JULY

"I WILL, I WILL FOR NOW" (108 Min.)

Elliott Gould, Diane Keaton  
(Comedy) Gould plays a gambler and girl-chaser once married to Diane Keaton. They are reunited when they both attend the contract ceremony of a friend and her lover. Keaton has been spending her weekends with their lawyer friend (Paul Sorvino). Gould asks for a reconciliation and Keaton agrees to a six-month "marriage" contract drawn up by Sorvino. Jealous, the lawyer tries to break them up by sending them to a sex clinic where he has also sent a model friend of Gould's and her husband. (R)

SAT. 23 JULY

Free Matinee

"DEATH VALLEY GUNFIGHTERS"

1:30 p.m.

SAT. 23 JULY

"ODE TO BILLY JOE" (106 Min.)

Robby Benson, Glynnis O'Connor  
(Romantic Drama) Bobby Gentry's song about a pair of star-crossed lovers whose affair ends tragically serves as the basis for this film set in Mississippi. What really happened that day in 1953 on the Tallahatchee Bridge? (PG)

MON. 25 JULY

"CASSANDRA CROSSING" (129 Min.)

Burt Lancaster, Sofia Loren  
(Drama) The star-studded passenger list of a Geneva to Stockholm express train weathers an on-board epidemic, bloody mutiny, a fiery explosion and attempts to cross a dilapidated bridge. (R)

WED. 27 JULY

"MARCO POLO"

1:30 p.m.

(Animated Cartoon) The stirring tale of the 13th century citizen of Venice, who ventured into a world of strange and awesome mystery. The audience is transported back almost 700 years to accompany Marco Polo on his epic journey behind the great wall of China, into never-before-seen lands of intrigue and terror, beauty and wonder. (G)

WED. 27 JULY

"NORMAN, IS THAT YOU?" (91 Min.)

Redd Foxx, Pearl Bailey  
(Comedy) A middle-aged man finds out his son is a happy homosexual and sets out to "normalize" him. Accented by Foxx's humor and garnished by Pearl Bailey's charm, this film ends with an enlightened live and let live attitude. (PG)

FRI. 29 JULY

"THE MISSOURI BREAKS" (126 Min.)

Jack Nicholson, Marlon Brando  
(Western Drama) Set in the Montana badlands during the 1880s, this film centers around a gang of horse rustlers. The gang suddenly finds its days numbered when a local ranch baron calls in a hired gunman (Brando) to wipe them out. (PG)

SAT. 30 JULY

Free Matinee

"NIGHT RAIDERS OF MONTANA"

1:30 p.m.

SAT. 30 JULY

"JAWS" (113 Min.)

Robert Shaw, Roy Schneider  
(Adventure Fiction) A summer resort is seized with fear when a white shark is attracted to swimmers. Beaches are closed and economic strangulation threatens the town until three desperate men—a fanatical fisherman, a mild police chief and a shark expert—set forth to kill the shark. (PG)

U.S. Government Printing Office: 1976 — No. 1036

From: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

July 22, 1977



# nwc rocketeer

Naval Weapons Center  
China Lake  
California

July 22, 1977

Vol. XXXII, No. 29

### INSIDE:

Savings Bond Meeting Held ..... 3  
Concert Ass'n Season Tickets ..... 4  
Plane Crash Victims Found ..... 5  
Sports ..... 6  
Congressman's Rep to Talk ..... 7  
Burglary Prevention Ideas ..... 8

## F-86 Sabrejet to live again in test programs at China Lake

### American warhorse returns home for conversion into replacements for locally-developed drones

Like old soldiers, some outdated military aircraft never die — they are milked for their last ounce of usability by being converted to target drones.

The development of improved air-to-air weapons and weapon systems has made it necessary to provide increasingly more maneuverable targets against which to test these weapons under conditions that come close to simulating actual aerial combat.

At the same time, however, as their name suggests, target drones are expendable and replacements are needed for the locally-developed QF-86H and QT-38A drones, which are the unmanned versions of the U.S. Air Force's Sabrejet and Talon aircraft, respectively.

The latest endeavor along this line, which is just now getting under way, has been made possible by the acquisition from Japan of four of the "F" models of the Air Force F-86 Sabrejet.

According to Jay Bornfleth, the QF-86F program manager in the Systems Branch (Code 3925) of the Weapons Department, the Navy is in the process of accepting these aircraft back from Military Assistance Program (MAP) countries. Though now outdated (they were built in 1955) these planes previously were a part of the self defense forces of Japan and the Republic of China on Taiwan.

Don Hart, the logistic support specialist for the NWC Aircraft Department, was able (through his contacts abroad) to set the wheels in motion for obtaining four of what is expected will be a total of around 50 F-86s which the Chief of Naval Operations has decided to accept because they are

### Orientation visit by CNO to be made here next Tues., Wed.

The first visit to NWC by a Chief of Naval Operations in three years will take place on Tuesday and Wednesday when Adm. J. L. Holloway III USN, will be here for an orientation visit. In 1974 Adm. Elmo Zumwalt Jr., visited China Lake while CNO.

Adm. Holloway will arrive at 5 p.m. Tuesday and proceed to the Hangar 3 conference room for a welcome aboard and an overview of the Center which will be presented by the NWC Commander, Capt. F.H.M. Kinley. The CNO will address all NWC officers in the Hangar Wardroom at 5:20 before being briefed on drone capabilities in Hangar 2, and then boarding a helicopter for a one-hour range tour. Adm. Holloway will proceed to his quarters following the range tour.

On Wednesday morning Adm. Holloway will arrive at the Enlisted Dining Facility at 6:45 a.m. for a ribbon-cutting ceremony and breakfast. It is tentatively scheduled that the CNO will talk to personnel dining in the facility from 7:15 to 7:30, before he proceeds to Michelson Laboratories for a tour of the laboratory facilities.

An assortment of NWC projects and programs will be seen at Hangar 3, Armitage Field, by Adm. Holloway at 8:30, and at 9:55 he will proceed to Hangar 1 for reviewing the status of Air Test and Evaluation Squadron 5. The CNO is scheduled to depart from the Center at 10:30 a.m.

While on tour of the local facilities the CNO will stop and talk with various personnel on the route.

suitable for use as target drones.

In addition to the actual aircraft, which will be obtained over a lengthy period of time from the Orient, some 600 tons of spare parts have been shipped here from Spain.

Kicking off this program has been the reconstruction (using parts shipped here from Japan) of the first F-86F Sabrejet aircraft. It was test flown for the first time on June 30 — still with the rising sun insignia of Japan painted on its side. More manned flights are scheduled as the work of converting the Sabrejet to a drone aircraft continues.

This particular aircraft is one of two planes that are being rebuilt for pilot proficiency training, while two more will be

(Continued on Page 5)

### Discussions held on Coso Geothermal Area development

U.S. Navy, Energy Research and Development Administration, and Department of the Interior representatives recently held a series of meetings to discuss the development of the geothermal resources in the southern Coso Mountains in California.

These meetings were the outgrowth of briefings which Capt. W. F. Daniel, Jr., former NWC Public Works Officer, and Dr. Carl Austin, head of the department's Geothermal Utilization Division, gave some time ago in the nation's capital to officials from the Naval Material Command, the Naval Facilities Engineering Command and the Judge Advocate General Corps.

The development plan calls for experimental drilling in the Coso area, much of which is within the Naval Weapons Center at China Lake, to determine the feasibility of tapping the natural heat of the earth as an energy source by extracting steam and using it to power turbine generators for the production of electricity.

Preliminary studies indicate the Coso Geothermal Area may produce as much as 4,000 megawatts of electric power.



**LIFESAVING AWARDS PRESENTED** — Lifesaving awards were recently presented to (l. to r.) lifeguards Bill Vuono, Gail Nelson, and John O'Brien, and NWC visitor Scott Radtke, by Capt. F. H. M. Kinley, NWC Commander. The four received their certificates for their prompt action in preventing a drowning in the Center pool on the preceding day.

—Photo by Ron Allen



**AIRCRAFT FROM JAPAN FLOWN OVER SIERRAS** — With the rising sun insignia of Japan still painted on its side, this F-86 Sabrejet aircraft that has been returned to the U.S. from Japan, is shown as it was being test flown recently with the high Sierra Mountains as a backdrop. A new family of target drones will be developed from the outdated Sabrejets that are to be acquired from Japan and the Republic of China on Taiwan. At the controls of the rebuilt aircraft during this particular test flight was Lt. Rosemary Conatser, personnel officer in the NWC Military Administration Department.

—Photo by Tom Carter

## Four young people save life of swimmer at Center's indoor pool

"These kids did a beautiful job," said Doyal Edwards of NWC's Safety and Security Department, referring to the prompt lifesaving action taken recently by four young people at the Center gymnasium's indoor pool. "Thanks to them a tragedy was averted," he added.

An adult swimmer saw a 13-year old boy floating on the bottom of the deep end of the pool and called attention to him. Scott Radtke, a teenaged visitor to the Center, brought the nearly unconscious youth to the surface where lifeguard John O'Brien began mouth-to-mouth resuscitation while guards Bill Vuono and Gail Nelson assisted.

Edwards, who is the department's Associate Director for Security, was in the gymnasium at the time. He endorsed awards recommended by a police officer and the Fire Division ambulance personnel who were on the scene, even though the

young people protested that all they had done was what they had been trained to do.

NWC Athletic Director Doug Nelson suggested that one factor which might contribute to accidents is the tendency of some adults to use the pool lifeguards as a baby-sitting service of sorts by dropping their children off at the facility whether or not the children are capable swimmers.

Before anyone under the age of 16 is left at the pool without parental supervision, he suggested that the child should have taken and passed a "patch" test. To take this test, the parent or child should contact the lifeguard, who will determine the skill level of the young swimmer.

"Safety of children using the pool is the prime responsibility of parents; lifeguards cannot be expected to serve as baby sitters for the large number of kids who spend their time in the water," Nelson pointed out.

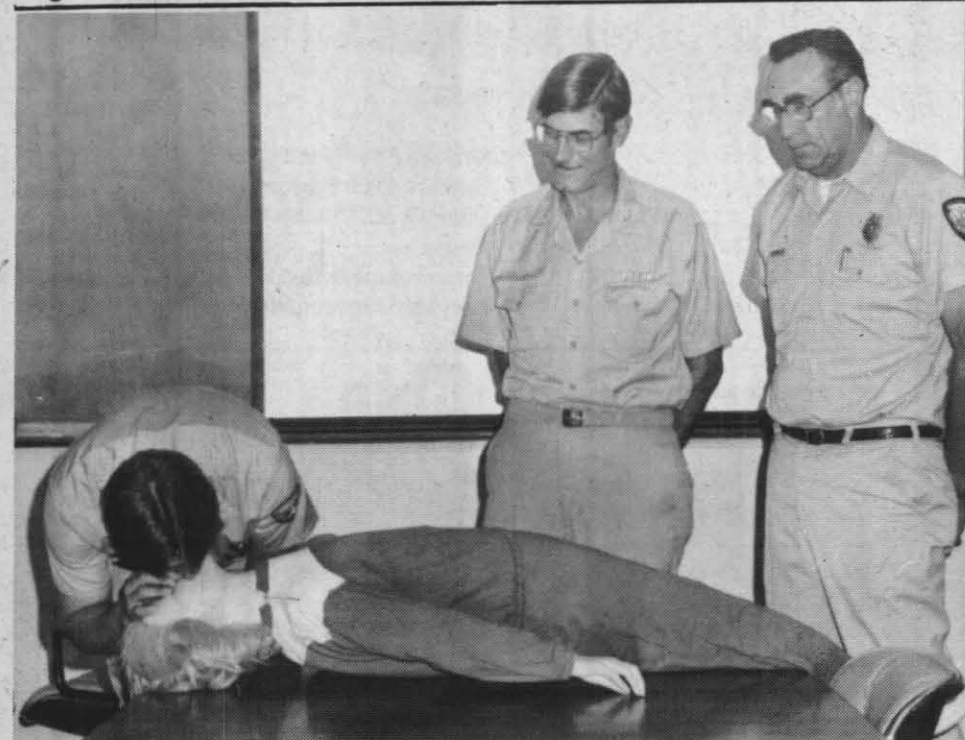
## New dispensary to open doors for 1st time on Monday

The new local branch hospital of the Naval Regional Medical Center, Long Beach, will open its doors for the first time at 7:30 a.m. on Monday.

All patients planning to visit the hospital during regular working hours—from 7:30 a.m. to 4:30 p.m., Monday through Friday—are requested to check in at the appropriate reception area in the main lobby. These areas are labeled "Industrial medicine," "out-patient," and "dental." After working hours, patients should report to the emergency room.

The medical facility was built by the Riha Construction Co. of La Mesa, Calif., at a cost \$2,881,000. It is located in an area directly north of Schoeffel Field on ground formerly occupied by a group of vacant apartments that were torn down to make room for the new 10-bed hospital and dental clinic.





**FIRST AID DEMONSTRATED**—While Capt. F. H. M. Kinley, NWC Commander, (center) and Deputy Fire Chief Bill Pahl (at right) look on, Bill Wechter of the NWC Fire Division demonstrates the techniques of mouth-to-mouth resuscitation at a recent Code 08 safety meeting. Other life saving techniques such as the Heimlich maneuver, used to dislodge material from the throat of a choking victim, and methods used to stop excessive bleeding were explained and demonstrated and cardio-pulmonary resuscitation was discussed. Wechter stated that many people don't realize how easy it is to save a life if the proper technique to help the victim is known. They wait, according to Wechter, for "trained help" instead of using the few simple procedures outlined in this lecture. Promptness matters; when breathing stops, the heart will stop beating shortly, and brain damage may occur after only four to six minutes. Classes are given at NWC which cover all of the life saving procedures. Several trained emergency medical technicians at the NWC Fire Division are available to teach a group the different techniques which can save a life. To schedule a demonstration for a safety meeting, all that is needed is to call the Fire Division, ext. 2095, or the Safety Office, ext. 2367.

## Lt. Waddington now on duty at local branch hospital, NRMG Long Beach

A new administrative services officer, Lt. Gregory Waddington, has reported for duty at the local branch hospital of the Naval Regional Medical Center in Long Beach.

The new arrival replaces LCDr. E. J. Hays, who has retired from active duty.

A former enlisted man for 11 years, Lt. Waddington was a hospitalman first class at the time he was commissioned in 1968 and

has served in the Navy for a total of nearly 19 years.

For the past two years, prior to being assigned to duty at China Lake, he was the personnel and patient affairs officer at the Naval Regional Medical Center at Subic Bay on the Island of Luzon in the Philippines.

Lt. Waddington joined the Navy in Columbus, Ohio, and was selected for an officer's commission while serving as a hospitalman 1st class with the First Marine Air Wing in Chu Lai, Vietnam.

After attending the Naval School of Health Care Administration at Bethesda, Md., Lt. Waddington was assigned to the Naval Hospital in Orlando, Fla., where he served as the supply and fiscal officer.

In addition, Lt. Waddington put in a tour of duty as supply and fiscal officer with the 3rd Marine Division's 3rd Medical Battalion on Okinawa, returned to the Naval School of Health Care Administration at Bethesda for a year-long college course, and was then sent to the Naval Regional Medical Health Center at Great Lakes, Ill., where he handled the duties of personnel officer, special services officer and chief of operating management service.

Lt. Waddington was accompanied to the Naval Weapons Center by his wife, Miriam, their daughter, Kari, who is 6, and a son, Mark, who is 4 years old.

## Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

**Clerk-Typist, GS-322-3/4, PD No. 7739045, Code 3941**—This position is located in the Weapons Department, Electro-Optics Division, Sensors and Platforms Branch. The incumbent provides a variety of duties for the branch such as maintaining and setting up appointments and meetings; receiving and screening visitors and phone calls; receiving, opening and screening mail; making travel arrangements; maintaining timekeeping and leave records; maintaining branch files; receiving and returning classified documents; typing memoranda, correspondence and technical reports. **Job Relevant Criteria:** Ability to perform a variety of clerical and secretarial functions and to type with speed and accuracy; knowledge of correct English grammar and spelling.

**Clerk-Typist, GS-322-3/4, PD No. 7739029N, Code 3944**—This position is located in the Weapons Department, Electro-Optics Division, Electronics Branch. The incumbent provides a variety of duties for the branch such as maintaining and setting up appointments and meetings; receiving and screening visitors and phone calls; receiving, opening and screening mail; reviewing all outgoing correspondence for proper format and typographical errors; arranging for travel; maintaining timekeeping and leave records; maintaining branch files and receiving and returning classified documents; preparing technical reports, correspondence, statistical tables and memoranda. **Job Relevant Criteria:** Must be a qualified typist, have good working knowledge of English grammar and spelling, and familiarity with Navy Correspondence Manual; be capable of preparing official correspondence from hand-written notes, and be familiar with Navy Filing System.

**Clerk-Typist, GS-322-3/4, PD No. 7700010N, Code 008 (Intermittent)**—The primary function of this position is to provide intermittent clerical support to the Equal Employment Opportunity Office. The incumbent will perform such duties as answering the telephone, opening, screening and routing mail, establishing and maintaining cross-reference files, and various typing assignments. **Job Relevant Criteria:** Ability to type efficiently and accurately; knowledge of Navy Correspondence Manual; ability to communicate and deal tactfully with people.

**File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.**

**Engineering Technician, GS-802-4/7/8/9, PD No. 7738940, Code 4212**—This position is located in the Test Facilities Section, Range Department. Duties are to operate test instrumentation and test equipment (calibrate, install and operate accelerators, gage, thermo couples and transducers); operate recorders; observe and enforce safety and test set-up design. **Job Relevant Criteria:** Experience in environmental testing including the handling and testing of experimental and operational ordnance; familiarity with bombs, missiles, rockets and pyrotechnic devices; ability to interpret military specifications.

**Electronics Technician, GS-854-7, PD No. 7742041, Code 6242**—This position is located in the Telemetry Operations Section. Duties are to install, check-out, calibrate, operate and maintain electronic measurement systems used in the collection and display of telemetry data. **Job Relevant Criteria:** Knowledge of electronic measurement and data collection methods; experience with telemetry receiving, recording and display.

**Test Mechanic (Experimental Aircraft Structures), WG-8882-11, or Sheetmetal Mechanic, WG-3804-8 or 10, JD No. 234, Code 6123**—This position is located in the Aircraft Configuration Section. Duties are to adapt or produce custom-built aerodynamically stable experimental pods for prototype missile testing, manufacture fittings and fixtures for the installation of electronic and optical equipment, and modification of air frames, external stores and other complex installations. **Job Relevant Criteria:** Test Mechanic, ability to do the work of test mechanic (EAS) with normal supervision; knowledge of aircraft structures, materials and manuals; reading aircraft

blueprints; dexterity in assembly and installation of components, including fastening techniques; computing dimensions; layout and pattern development; using hand and power equipment for cutting, shaping and forming. Sheetmetal Mechanic, knowledge of sheetmetal or structural metal equipment that is being constructed, repaired, forged, etc.; ability to understand shop manual instructions, work orders, blueprints, etc. and carry out the instructions or specifications given in them; ability to develop and transfer shapes, outlines, and forms from drawings, sketches, etc.; ability to use metalworking & hand tools; ability to determine the corrosive properties of the different metals and determine the proper ones to be used; ability to do the work of the position without more than normal supervision.

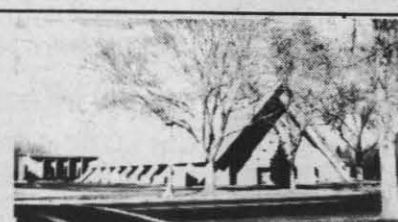
**File applications for the above with Carol Downard, Bldg. 34, Rm. 206, Ph. 2577.**

**Secretary (Typing), GS-34-5, PD No. 7750045, Code 323**—This position is located in Development Division 1 of the Fuze Department. Incumbent serves as secretary to the division head, serves as receptionist, composes and reviews correspondence, does typing and establishes the division files. **Job Relevant Criteria:** Ability to work independently and to work rapidly and accurately; receptionist abilities; ability to get along with others.

**Electronics Engineer, GS-855-11/12, or Electronics Technician, GS-856-11/12, PD No. 7433074E, Code 3232**—This position has a duty station at Motorola Inc., Government Electronics Division, Aerospace Center, Scottsdale, Arizona. The position is organizationally assigned to the Fuze Project Branch II, Development Division 1, of the Fuze Department. The purpose of this position is to serve as resident engineering representative of the Fuze Department and the Naval Sea Systems Command Technical Representative during prototype and follow-up production contracts for the MK 45 Target Detecting Device. The incumbent will be responsible for technical and program administration aspects and will provide liaison with the cognizant program management branch. **Job Relevant Criteria:** Knowledge of production processes and techniques, ability to deal with contractor personnel, knowledge of production documentation and the ability to operate remote from supervision in a highly independent manner.

**Mechanical Engineer, GS-830-7/9/11/12, or Electronics Engineer, GS-855-7/9/11/12, PD No. 7733044-1E, Code 3251**—This position is located in the Product Engineering and Fleet Support Branch, Electromechanical Division of the Fuze Department. Duties include the technical direction of contractors manufacturing fuzes and missiles being fuzed, and analysis and evaluation of test programs for safety-arming devices and electromechanical fuzes. In addition, the incumbent performs conceptual studies to establish baseline design approaches for new or modified fuzing systems. **Job Relevant Criteria:** Knowledge of production engineering, ability to conduct analysis and evaluation of test programs, ability to conduct conceptual design studies for fuzing systems, and ability to deal with contractors, other DoD agencies and all levels of Center management.

(Continued on Page 5)



## DIVINE SERVICES

**PROTESTANT**  
Sunday Worship Service 1015  
Sunday School—All Ages 0900  
Sunday School Classes are held in Chapel Annexes 1,2,4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.  
Communion Service first Sunday of the Month.

**ECUMENICAL**  
Wednesday Noon Bible Study 1130  
Thursday Men's Prayer Breakfast 0630

**ROMAN CATHOLIC**  
**MASS**  
1700 fulfills Sunday obligation  
Sunday 0700 0830 1130  
Nursery, Chapel Annex 1 0815-1245  
Daily except Saturday, 1135, Blessed Sacrament Chapel

**CONFESSIONS**  
Daily 1115 to 1130  
Saturday 1615 to 1645  
Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
Sunday Pre-School thru 6th grades 1015  
Wednesday Kindergarten thru sixth 1530  
Sunday seventh & eighth (Junior High) 1900  
Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
Sunday evening Ninth thru 12th grades As announced  
"In Home" Discussion Groups Youth Rallies  
Contact Chaplain's Office for specifics.

**JEWISH SERVICES**  
**EAST WING—ALL FAITH CHAPEL**  
Sabbath Services every Friday 1930

**UNITARIANS**  
**CHAPEL ANNEX 95**  
Services—(Sept.-May) 1930



## FEDERAL SERVICE COMMENDED

—Capt. F. H. M. Kinley, NWC Commander, congratulates C. A. L. Mitchell after presenting him with a federal service pin denoting 35 years of federal service. Mitchell is the assistant chief of police in the Police and Security Operations Division of the Safety and Security Department, where he has worked for the last 16 years, following 20 years of service with the Navy.

## Intramural softball

(Continued from Page 6)

for two in the evening. Both hits were doubles.

VX-5 smashed the Rat Pack, 21-8. Killer Kilpatrick, Ron Penny, and Mike Coley were home run hitters for VX-5. Denny Raitz, of VX-5, proved to be top hitter with a four-for-four performance. VX-5 had a total of twenty-two hits.

The Rat Pack had a total of 11 hits. Ralph Mattox was two-for-two. The game ended in the fifth due to the 10-run rule.

The Knights beat the Zephyrs, 20-13. Home run hitters for the Knights were Bill Sonnenberg (three-for-four), Moe Hunsaker (three-for-five), and Paul Von Schlemmer (four-for-five). The team had a total of 25 hits.

The Zephyrs had 19 hits. Jim Walker, centerfielder for the Zephyrs, hit three-for-four with a home run and two RBI's in the bottom of the sixth.

### Upset of Week

The upset game of the week was Grand Good squeezing by Shacklett's, 17-16. This was the only defeat of the season so far for Shacklett's.

Shacklett's had 13 hits, including home runs by Gordie Irvin (grand slam), Duane Stevenson and Todd Chapman.

Grand Good had 20 hits and ten home runs by Art Lloyd, Craig Hiller (three), Mike Machowski, Jeff Hathaway (two apiece) and Doug Nelson (two).

Thursday's action saw Bird Olds overtake the Rat Pack, 20-3. The game was called in the fifth. Home run hitters for Bird Olds were Dave Taylor (three-for-four), Jim Tyrrell (four-for-four), and Max Moffit (three-for-four).

The Rat Pack had six hits for their three runs.

### Final Contest

The last game of the week was Pizza Villa 13, the Royals 6. Phil Bowen of Pizza Villa, hit three-for-four, including a homer. Terry Mangrum, rightfielder, also hit a home run, hitting three-for-three. The team had a total of 16 hits.

The Royals had eight hits for their six runs. They scored two in the third and fifth and one each in the sixth and seventh. Danny Harris, centerfielder, was the only one with a home run and hit three-for-four. Dave Crandall, pitcher, was two-for-two.

### Results as of Friday, July 15:

Team	Men's Fast Pitch Div.	Won	Lost
Fisher Plastering	14	1	
Valley Industrial	10	5	
John's Pizza	8	7	
BSCF	8	7	
W. K. Equipment	4	12	
Hawks	1	13	

Team	Women's Fast Pitch Div.	Won	Lost
Comarco	9	0	
Desert Meats	7	1	
Brand X	7	2	
Murray Construction	5	4	
A&K Sparks	5	4	
VIPs	4 1/2	5 1/2	
Frisbee	4	5	
Best Realty	3	6	
AVANT	2 1/2	6 1/2	
CSC	2	7	
Dusty Dames	0	9	

Team	Slow Pitch National Div.	Won	Lost
Shacklett's	13	1	
Knights	10	3	
Grand Good	9	3	
Zephyrs	7	6	
Pizza Villa	7	7	
Royals	3	10	

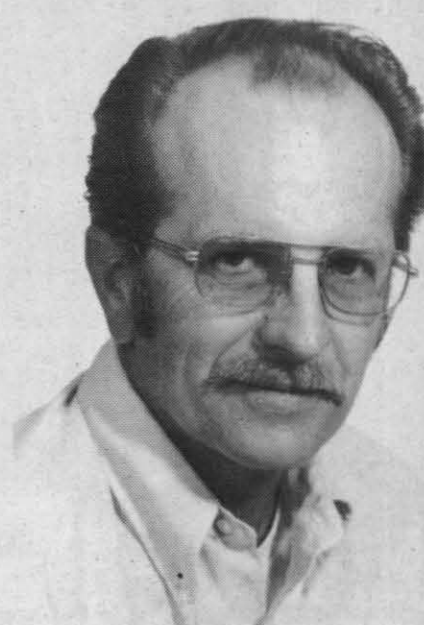
Team	Slow Pitch American Div.	Won	Lost
NALC	8	4	
VX-5	6	5	
Bird Olds	5	6	
Ten Commandments	1	11	
Rat Pack	0	13	

## Bull rider places 4th

ASH3 Charlie Gussee, a member of the Aircraft Department's Ground Support Equipment Shop, placed fourth in the bull riding event of the annual Plum, Tex., rodeo recently.

Gussee stayed on his bull for the required eight seconds, and was awarded a total of 50 points based on his riding style and the difficulty of his mount. A native of Smithville, Tex., he has participated in about 50 rodeos during the past four years, and will compete in the well-known Apple Valley Rodeo, to be held July 30 and 31.

## Employee in the Spotlight



Leroy Lathrop

present job since 1974.

"I came up here in 1950 with my father when I graduated from San Dimas High School, and I plan to stay here," Leroy states. A native of San Dimas, the only time that he's ever lived outside of the State of

California was during the two years that he served in the Army in 1953 and 1954. Sixteen months of that time was spent in Korea. "I was very glad to get back here then and be able to take up my apprenticeship again."

He feels that the Indian Wells Valley is very much his home. His father remained here from 1950 until he retired in 1969 from his job as foreman in the Michelson Laboratory machine shop, and Leroy plans to remain here in the foreseeable future. "I don't even go down to San Dimas any more," he says. "It's too crowded there; I like the smaller population here."

Home is a very important part of Leroy's life. He views his hobby, his favorite way of spending time, as being with his four children, working around his house and yard, and being active with his church. He and his wife, Sandra, have had their own home in Inyokern since they were married in 1956.

"Sandra's roots are really here," Leroy adds. Sandra is not only a product of the local school system and a Burroughs High School graduate, but is also now working at Burroughs as campus supervisor. Leroy is very proud of her dedication to education because she is a Cerro Coso graduate and is now taking night school classes through Cal State Bakersfield to complete a B.S. degree.

### Family Activities

Their oldest daughter, Debbie, at 19, also attended Burroughs and is now enrolled at Bakersfield College. Her younger sister, Gloria, is a Burroughs junior and Susan is a sophomore there. The fourth young Lathrop, Mark, is a seventh grade student at St. Ann's. This has led to Leroy's involvement with the Parent Teachers Guild at St. Ann's, of which he is currently serving as Vice President. Both he and Sandra are also active in St. Ann's parish affairs.

Mark is Leroy's companion on fishing and boating trips. Leroy likes to head north to Crowley Lake when he leaves the Valley. "I don't really spend a great deal of time fishing, but I enjoy it when I can get away," he says.

He brings the same enthusiasm to his work. "Getting the same amount of work done with a declining work force presents an interesting problem. We're always looking for better ways of doing what needs to be done. Right now we're very busy getting places ready for incoming military families because every couple of years it seems that all the military get transferred at the same time and we like to have their replacements' places fixed up nicely for them when they get here."

This dedication and enthusiasm as well as Leroy's heavy emphasis on the word "we" when talking of accomplishments explain why he's indeed a successful supervisor.

## Navy wives to hear congressman's rep

On Thursday, July 28, at 7:30 p.m., Bill Deaver, Bakersfield Representative for local area Congressman Bill Ketchum, will meet with the Desert Flowers Chapter No. 125 of the Navy Wives Club, at their hut, 415-A McIntire Street.

He will discuss military benefits and possible changes in them. All interested people are invited to attend. Tonight at President Linda Fleeger's home, 38-A Ashworth Place on the Center, a barbecue will be held for all members and their husbands. Highlight of the evening will be the installation of Senior Chaplain and Mrs. Theodore Herrmann as club sponsors. The program will begin at 7:30 p.m.

The next general meeting of the Desert Flowers Chapter will take place on Aug. 11 at the Navy Wives hut. All wives of enlisted active and retired duty Navy, Coast Guard and Marines are welcome. For further information, call Mrs. Fleeger, 446-4233, or Sharron Crowson, 446-5700.

## CPO Club dance slated

The Wes Thompson Combo, a contemporary music group from Los Angeles will entertain at the Chief Petty Officers Club tonight from 8 until 12.



**FUTURE ALL-STAR?**—Janet Barnes (center), a summer employee of the NWC Youth Center, instructs two seven-year-olds—Shawn Williams and Brenda Furstenberg—in the basics of batting during a late afternoon session of the Instructional Baseball League. The league, which meets at McBride Park on Tuesdays and Thursdays from 4:30 to 6 p.m., instructs boys and girls 6 through 8 years of age in the fundamentals of baseball. Additional instructors for the class are still needed, and more information can be obtained by phoning NWC ext. 2909.



Lt. Gregory Waddington

## The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California

Capt. Frederic H.M. Kinley  
NWC Commander  
R.M. Hillyer  
Acting Technical Director  
Dr. Robert H. Pearson

Head,  
Technical Information Department  
Don R. Yockey  
Editor  
Jim Stansell  
Associate Editor  
Terrie Jacks  
Editorial Assistant  
Ron Allen  
Staff Photographer



**DEADLINES**  
News Stories Tuesday, 4:30 p.m.  
Photographs Tuesday, 11:30 a.m.  
The Rocketeer receives Armed Forces Press Service material. All are of official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.  
Phones 3354, 3355, 2347



## Local youth attends U.S. Army clinic for potential Olympians

For the second year in a row, Mark Pohl, who will be entering his sophomore year at Burroughs High School in September, is spending part of his summer vacation at Ft. Sam Houston, near San Antonio, Tex., where he is attending the U.S. Army's year-round pentathlon training center.

The local youth, whose father is employed as patent advisor in the NWC Patent Counsel Office, is the son of Mr. and Mrs. Lloyd Pohl of Ridgecrest.

Despite the fact that at 15 years old he is the youngest of some two dozen youths who were selected and are in their second, third or fourth years of preparation for participation in this Olympic Games event, he is in the top ten in running and swimming, among the top five or six in fencing, and rates as No. 1 or 2 in pistol marksmanship competition.

In the modern pentathlon, entrants must run 4,000 meters cross country, swim 300 meters, compete in fencing with an epee, shoot a pistol, and display their equestrian ability by riding a horse previously unknown to them over a jump course between 600 and 1,200 meters in length that has barriers up to 4 ft. in height.

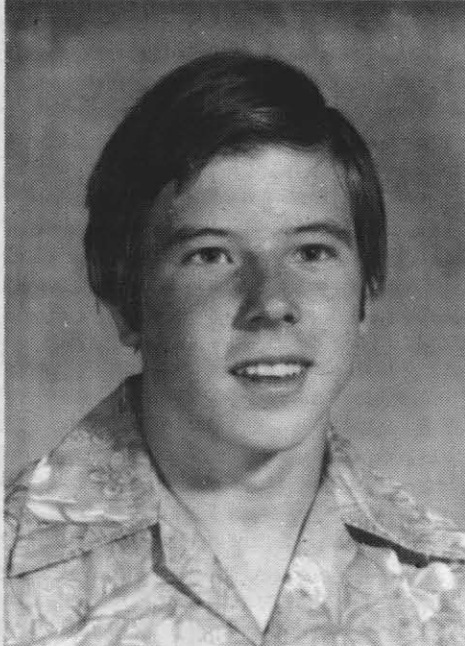
### Serious Preparation

During the past year, young Pohl has practiced for these five events by running on the Burroughs High School cross country team, entering as many of the Over-the-Hill Track Club's races as possible, and jogging for exercise on his own.

In addition, he competed with both the Burroughs High and High Desert swim teams, practiced his pistol marksmanship at the Sierra Desert Gun Club range, where a number of club members have taken the time to give him the benefit of their experience, and fenced with Ron Erickson, who has been responsible for much of the local youth's improvement in this event.

At this point in time, lack of practice in horseback riding (he was able to find time to work in only 10 lessons at the Bottom Acres Stables in Ridgecrest before leaving for Ft. Sam Houston) makes this his weakest event.

The pentathlon had its origin in the five things that a military courier of olden days was expected to be able to do with proficiency.



Mark Pohl

## Angels win crown in Little League's Farm Div.

The Angels recovered from a 16-9 first game loss to the Mets to win the China Lake Little League's Farm Division crown by taking the next two games in last week's championship series by scores of 16-15 and 20-15.

Hitting stars for the Angels in the first game were Joe Dalton, Mark Schorr and Mike Becksvort, while both Mat Maroon and John Zerr of the Mets hit home runs.

In the deciding third game, the Angels' leading sluggers were Dalton, Schorr, Becksvort, Kyle Leckey and Ron Ryan, while the Mets were paced by Vince Coffee, Maroon and Zerr.



**NEW ATTRACTION AT THE SHUTTLE** — A pool tournament is now a popular event every Monday night at The Shuttle, beginning at 6:30, on an alternating schedule for men and women. Next Monday's competition will be for women, while that on Aug. 1 will be for men. In the above photo, shown practicing for the July 25 tourney, are (l.-r.) RM3 Toni Young, and two employees of The Shuttle—Pat Johnson, daytime bartender, and Juda Cole, food hostess. The winner of each week's competition receives a pool cue and case, and also a 24-oz. engraved mug. Entry fee is \$2 per person, and signups can be made on the registration sheet posted in the club's lobby. All authorized members and guests of The Shuttle are eligible to participate.

—Photo by Ron Allen

## Results reported in China Lake's Intramural Softball League races

By Bernadette McGraw and Anita Paiz

A number of exciting games highlighted action last week in China Lake's Intramural Softball League.

On the evening of Tuesday, July 12, Comarco and Murray Construction met to play what turned out to be one of the best defensive games this season in the Women's Fast Pitch Division. Final score was 9-2 in favor of the Comarco gals as Line Scanlan got the pitching victory.

Later that evening, the VIP's walked all over the Dusty Dames, 17-4. The winners' Terry Jones hit an inside-the-park home run in the second inning to start burying the Dames, and later chimed in with two more singles to give her a total of three RBI's. Her teammate Sandy Youngman had a four-for-four evening with two RBI's.

Another inside-the-park homer was hit the next night, Wednesday, July 13, by Myra Martin as she and her Brand X teammates crushed AVANT by a score of 13-3. This game was called after 4½ innings of play due to the 10-run rule.

AK Sparks simply could not generate any combustion when they played on Wednesday and lost to Desert Meats, 21-3. The winners' Lori Nolan had a triple which just missed being a home run when it struck the top railing of the center field fence and bounced back onto the field of play.

The real squeaker of the week occurred when Best Realty got by CSC by a final score of 19-18. It was a seesaw battle all the way until Sue Short knocked in the winning run in the bottom of the seventh inning. Winning pitcher was Darlis Moorehead, who was four-for-five during the evening. Judy Redmond had four singles in a perfect hitting performance.

The week's schedule was ended with a 25-0 victory by Comarco over AVANT in a game which was mercifully called after 4½ innings, due to the 10-run rule.

The win gave Comarco a perfect 10-0 record for the season, and the division crown.

The first Men's Slow Pitch Division game of the week, on Monday, July 11, saw the **Pony League picnic set**

The annual picnic of the Indian Wells Valley Pony League organization will be held at the Minville Park swimming pool on Sunday, beginning at 1 p.m.

All friends and families of the IWV Pony League are invited to attend, and free soft drinks for the kids and keg beer for adults will be provided.

Individual awards to the members of the championship Pony League team will be presented at the picnic.



Doug's Corner

## Softball tourneys for men, women, slated here soon

Entries are still being accepted for two softball tournaments which the Naval Weapons Center will host next week and during the first week in August.

A men's slow pitch tourney will be held July 29 through 31 for which the team entry fee is \$75. On August 5, 6 and 7, a women's fast pitch tournament will be held here. Fee for this event is \$65 per team. Further information can be obtained by phoning the gymnasium office at NWC ext. 2334.

### Surfing Championships

Local entries are being sought for the Fifth Annual Camp Pendleton All-Service Surfing Championship, slated for July 30 and 31. Deadline for entries is Monday.

Active duty and retired military personnel from all branches of the service, and their dependents, are invited to participate as competitors or spectators. The site of the affair—the "Church" beach at the San Onofre Recreation Center (located off Interstate 5) at the northern end of Camp Pendleton—is one of Southern California's finest surfing spots.

Entry blanks and further information may be obtained by phoning the gymnasium office at NWC ext. 2334.

### Sailing Championships

The 11th Naval District Sailing Championships will be conducted August 15 through 19 at the Naval Amphibious Base, Coronado, in San Diego.

Each command is authorized to enter one crew of three persons, and skippers may not be substituted at any time. Official entries must be submitted prior to August 5, and must identify the skipper and crew by full name, rank / rate, command and telephone numbers, together with sailing affiliation qualifications. North American Yacht Racing Rules and references will govern this event.

The 22-ft. Catalina boat with spinnaker will be used for competition. For further information call the gymnasium office at NWC ext. 2334.

## Centerite to join umpiring team for world softball tourney in Phoenix, Aug. 19-28

A Centerite has been honored by being named a member of the umpiring team which will officiate at the International Softball Congress World Tournament, which will be played Aug. 19-28 in Phoenix, Ariz.

He is Garyl Smith, who works as an engineer with Code 3245. Playing in the tournament will be the best fast pitch teams in the country, which qualified for the event by winning the championships of either the travel leagues of which they are members, or state tournaments.

For the last three years, Smith has been a member of the Valley Sports Association, one of the two umpiring groups which handle Intramural League athletic competition at China Lake. In addition, with this crew he has umpired invitational fast pitch tournaments in Bakersfield, Bishop, Palmdale, Newbury Park, Porterville, Orange County, Lakewood, the Long Beach area, and Hawthorne, Nev.

This crew — which also includes Vic Sullivan and Lowell Radcliff — also handles games for the International Softball Congress and the Western Softball Congress. At present, the only local team that plays in a league in which Smith um-



Garyl Smith

## DCC's fund drive for new building now shows \$40,000 of \$150,000 goal

A productive week put in by volunteer workers for the Desert Counseling Clinic's community fund drive for a new building resulted in a total of over \$40,000 now accumulated in pledges and donations toward the campaign's announced \$150,000 goal.

"We're beginning to see real progress and I hope we can keep the enthusiasm up in the community as people pledge their support of a new mental health facility," said Florence Green, general chairman of the drive. She stated that the direct mail campaign, begun the week before, had already resulted in some significant pledges.

### Corps of Volunteers

A corps of volunteers, headed by Milton Ritchie and Lynn Thompson, general funds co-chairmen, has been contacting local area residents for their donations toward the new mental health facility. Construction is scheduled to begin in September.

"Anyone who would like to help us obtain the funds from the community to make this campaign a success will be welcome," Mrs. Green said. She urged public-spirited citizens to contact the clinic by calling 375-9781 to volunteer a few hours to this worthy endeavor.

The fund drive's chairman added that members of the business and professional community are being contacted separately to contribute their share in support of the clinic. "Everybody in the community benefits from a mental health service," she pointed out.

A recent meeting of campaign workers, held at the Hideaway Restaurant, featured a talk by Robert Alexander, FAIA, award-winning architect of the DCC's planned new building. Praising those who have been working on the community fund-drive,

Alexander emphasized that a commitment to the services and goals of the DCC was evident in the dedication of its supporters.

Informing those present that plans for the building are proceeding on schedule, Alexander described in detail the construction and layout of DCC's new home, a unique convergence of hexagonal shapes. "It's no coincidence that the shape of this building approaches a circle," he said. "A circle traditionally brings people closer together — and what we're aiming for is a warm, inviting place for people to get help."

The ecological aspects of the new building have been carefully studied, with erosion control and economies in heating, cooling, and electrical systems taken into consideration. The building will incorporate an evaporative cooling plant and gas-fired heating, with the option of instituting solar heating at a later time.

The present cooling plant is in itself an economy, since over \$200,000 will be saved in 20 years of operation, a refrigerative air-conditioning plant being that much more expensive to run. "If at a later date, you can get funding for a solar heating plant, you'll save even more," Alexander told his audience.

Introduced by Johannah Webster, president-elect of the DCC board of directors, Alexander's report was preceded by Mrs. Green, who gave a short "pep talk."

### Bonuses still in effect

President Jimmy Carter has signed into law a bill passed by Congress last month extending the military services' authority to pay enlistment and selective reenlistment bonuses until September 1978.

## 'Kick-off' meeting for Savings Bond campaign here held last Wednesday

The "kick-off" meeting for the 1977 U.S. Savings Bond campaign at the Naval Weapons Center was held this past Wednesday morning at the Community Center.

Purpose of the get-together was to brief the department coordinators and their assistants on the basics of the Savings Bond program and their roles in the current campaign at China Lake. Additionally, an informative film was shown that stressed the value of buying bonds through the automatic payroll savings plan.

Featured speaker at the meeting was Gary Crawford, area representative for the U.S. Savings Bond Division of the Department of the Treasury. He presented information about the Savings Bond program and answered questions asked by the audience. In addition, a film was shown that stressed the value of buying bonds through the automatic payroll savings plan.

Among the advantages cited for purchasing Series E Savings Bond were the following:

Savings Bonds provide maximum safety. The full faith and credit of the Federal Government stands behind them. Any bonds that are lost, stolen or destroyed will be replaced (at no charge) and back-dated to the original time of purchase.

Holders may cash a Series E bond at any time — beginning two months after date of issue. However, to get the maximum yield of 6 per cent, Savings Bonds must be held to maturity.

Series E bonds that are now on sale are guaranteed a 10 year extension beyond their first maturity date of five years. Earlier issues of Series E bonds have been granted additional extensions, consequently all Series E bonds that are still outstanding are continuing to earn interest.

U.S. Savings Bonds are convenient to buy through the payroll savings plan which permits an automatic, partial payment to be withheld from an individual's paycheck for their purchase.

There are tax advantages to owning U.S. Savings Bonds since they are exempt from state or local income or personal property taxes. Interest from Savings Bonds is subject to Federal income taxes, but this interest need not be reported for tax purposes until the bonds are cashed.

Series E bonds, whether matured or unmatured may be exchanged (in amounts having a current redemption value of \$500 or more) for current-income Series H bonds. The latter pay interest each six months by Treasury check and mature in 10 years. Accrued interest on Series E bonds offered in the exchange continues to enjoy tax deferral until the H Bonds that are acquired are redeemed or reach maturity.

There is a choice of registration when purchasing Series E Savings Bonds. They may be issued in the name of one person, two persons can be listed as co-owners, or they can be issued in the name of one person with a second individual listed as the

beneficiary (payable on death of the first).

U.S. Savings Bonds issued with a surviving co-owner or beneficiary listed do not form a part of an estate for probate purposes. However, their value must usually be included in computing the gross estate for estate and inheritance tax purposes — in accordance with the laws of individual states.

Holders of U.S. Savings Bonds have no need for concern about stock market fluctuations, since Savings Bonds are never worth less than their initial purchase price.

## B.S. in Business Administration can be earned locally

An unusual opportunity to complete a B.S. external degree program in Business Administration without leaving the local area is being offered through a cooperative effort between California State College, Bakersfield, Cerro Coso Community College, and the Naval Weapons Center.

Lower division courses are taught by Cerro Coso, and upper division courses are taught at the Training Center by Cal State Bakersfield instructors so that no one needs attend classes at the Bakersfield campus.

Of the 38 students who have completed their B.S. degrees since the program began in 1972, 26 are NWC employees. These have recently been queried by questionnaire about the degree program and what it has meant to them. Twenty-one of the 26 returned the questionnaires.

All of those completing the program are at a higher level professionally than when they started except for four who were at the GS-12 level when they began. Eleven of the 21 were in clerical or other non-professional

jobs when they entered the program, and eight of these have since moved into professional positions. Six moved from sub-professional to professional. The average length of time needed to complete the program was three years.

All of those queried said that they had derived great personal satisfaction from participating in the external degree program. Nearly all felt that they had gained potential for advancement because of it, and that they had both improved their job performance and felt a job enrichment.

More than half of those involved have made a career change. NWC tuition reimbursement had made class attendance financially feasible for class attendance.

The Federal focus on Upward Mobility enables the Center to provide support for undergraduate study, making possible a fuller use of human resources. This program has enabled NWC employees to pursue self-development activities while



**RECEIVE DEGREES** — Twelve local residents received B. S. degrees in Business Administration this past academic year through the Ridgecrest-China Lake external degree program from California State College, Bakersfield. The graduates pictured are (l. to r.) Paul Escallier, Margaret Hannon, Richard

Printy, Kathy Hamlin, Judy Wolff, Linda Johnson, Vicki Ayers, and Aaron Yon. Also graduating but unable to be present for the picture were George Bonner, Andrew Hingsberger, Charles McCall and Sybil Stockdale. Twenty-six other local residents have achieved degrees through this program. —Photo by Ron Allen



## Widely varied programs scheduled

# Concert Ass'n launches season ticket sales campaign

In preparation for its 31st season, the Indian Wells Valley Concert Association is completing the process of renewing the reservations of former season ticket holders and has opened up the sale of tickets for the 1977-78 season to new members.

Although the main thrust of the membership drive will take place in September, an early-bird invitation is being extended to the public at this time, Carl Helmick, president of the association's board of directors, stated.



**Jimmy Henderson, leader  
Glenn Miller Orchestra  
Sept. 28**



**Harvey Pittel  
Concert Saxophonist  
Feb. 1**



**Delphin & Romain, Duo-pianists — Nov. 1**

Those who join now will have the advantage of a wider selection of reserved seats than if they wait until the September rush, Helmick added.

Former Concert Association season ticket holders have until Aug. 1 to renew their memberships. After that they will be in competition for seat selection with new members. Arrangements to purchase season tickets for the 1977-78 season, which will open on Wednesday, Sept. 28, can be made by calling 375-5600 at any time. An answering machine will take the caller's name and message if no one is in when the call is placed.

Tickets for the outstanding lineup of six programs that have been scheduled during the coming season are priced at \$20, \$17 or \$14 (a savings of 30 to 40 per cent compared to the cost of single admission ducats for the entire concert series).

## Reduced Rate Tickets

Reduced rate season tickets (one-half the cost of regular admission) also can be reserved now by former members or ordered by new members. Young people under 21 years of age, enlisted military personnel and senior citizens 65 years of age and over are eligible for the reduced rates.

This season's varied program will open on Sept. 28 with the special "big band" sound of the famous Glenn Miller Orchestra, under the direction of trombonist Jimmy Henderson.

This 16-piece orchestra (plus vocalist) is much sought-after for performances which feature tunes popular in the late 1930s and early '40s and some contemporary tunes as well.

This musical group, which is the only one licensed by the Glenn Miller estate to use the famous musician's name and to play his original arrangements of the 1940s, is now in its 31st season. Its tours, throughout the United States and some foreign countries (which continue for at least 48 weeks of the year) have captivated audiences of young and old listeners alike.

## Opera a la Carte

Another highlight of the IWV Concert Association's coming season will be the Opera a la Carte presentation on April 10 of a fully-staged production of the Gilbert and Sullivan light opera "H. M. S. Pinafore."

Founded in 1970 by its director Richard Sheldon, who is a noted G&S specialist from England, Opera a la Carte is a professional company specializing exclusively in the works of Gilbert and Sullivan.

This, the only organization of its kind in the western United States, has received outstanding praise for its authentic presentations and highly artistic standards.

Other concerts scheduled during the 1977-78 season, the artists and the dates they will appear, are: Delphin & Romain, duo



**Quartette en Concert — March 2**



**Opera a la Carte — April 10**

pianists, Nov. 1; Gilbert Reese, cellist, Dec. 1; Harvey Pittel, concert saxophonist, Feb. 1; and Quartette en Concert (flute, oboe, bassoon and harpsichord), March 2.

A second concert grand piano will be brought in for the performance by duo-pianists Wilfred Delphin and Edwin Romain, who (since 1967) have been winning the acclaim of audiences and critics alike. Their superb musicianship has brought a new vitality and excitement to the realm of music for two pianos.

Reese is a distinguished American cellist of international repute. He has been featured extensively in concerts in western Europe (24 tours) and in the United States, appearing in recital as a soloist with orchestra, and also presents lecture-demonstrations — on the cello and its music.

## Harvey Pittel

Pittel, concert saxophonist accompanied by piano, will demonstrate his command of several sizes of the saxophone in a program of wide musical scope that will range from baroque to modern. Thrown in for good measure will be some pop or jazz selections, with which he is equally at home.

The Quartette en Concert is dedicated to authentic baroque style and performance, but its members also have mastered the music of other eras. The score of their repertoire spans 18th century masterpieces to works of the 20th century, and features various combinations of flute, oboe, bassoon and harpsichord.

All performances during the Indian Wells Valley Concert Association's 1977-78 season are scheduled at the Center theater, starting at 7:30 p.m. on the dates announced.



**Gilbert Reese  
Cellist — Dec. 1**



**Call 375-5600 at  
any time day or night  
in order to purchase  
1977-78 season tickets**

# Sabrejets to return home . . .

(Continued from Page 1)

prototypes of the more than 40 drone aircraft that (eventually) will be converted for use as targets by a contractor by installation of the NWC-designed conversion kit.

No local flights of the drone version of the F-86F are expected until next year.

"We are drawing heavily on systems and technology of the QF-86H and QT-38A aircraft drones," Bornfleth stated, noting that from this previous work a drone conversion kit has been developed.

The kit itself consists of the flight control system, surface actuators, command control system, smoke and destruct systems, forward-looking television, and (depending upon the aircraft) possibly a gyro system. Also included in the command control system is a telemetry system with suitable sensors.

Each type of aircraft that is slated for conversion to use as a target drone has its own particular mounting hardware which must be modified to some extent before the special drone kit equipment can be installed. For the prototype models that are now in their initial stages of development, personnel of Code 3925 are handling the design and some of the drone kit installation work, in close cooperation with the Aircraft Department's Target Division, which is headed by LCDr. J. W. Pate.

## Key Personnel Noted

Included among the key personnel involved in this work is Harlan Reep, head of the Target Division's Target Operations Branch, who was at the controls for the first flight of the rebuilt F-86F Sabrejet, and also will be manning the remote control ground station when the target drone version of this aircraft is ready for ground and flight testing.

In addition, maintenance of the Target Division's drone aircraft is taken care of by A. J. Getusky and a group of Vought Corp. employees, while Richard Aughe, head of the Aircraft Department's Targets Instrumentation and Evaluation Branch, is in charge of all of the ground stations from which the target drones are controlled in flight.

While the first four Sabrejets that were obtained from Japan had been dismantled before being shipped here for reassembly, henceforth it is hoped that the aircraft can be flown here intact in order to save time for beginning their transition from manned to unmanned airplanes.

Pilots and drone controllers from both the Naval Weapons Center and the Pacific Missile Test Center at Point Mugu will be trained in operation of the QF-86Fs that are

slated to replace an earlier drone version of the Sabrejet (the QF-86H), which is now in short supply.

The QF-86F will be the first target drone designed to use the Integrated Target Control System (ITCS), a product of the Motorola Corp., that is now being installed at PMTC.

A part of Project 21 plans to modernize the Naval Weapons Center's air/ground ranges calls for updating the ranges by installing the ITCS here after this system goes into production in 1979.

## Assessments due following death of Terry M. Driver

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death this past week of Terry M. Driver. This is assessment No. 404.

The deceased, a retired Salt Wells employee, was 70 years old at the time of his death on July 19 in Ridgecrest.

In order to avoid taking up time at work, there are no more GEBA and CLMAS collectors on the job. Instead, members are asked to mail their assessments to Larry Mason, treasurer, 1812-A Young Circle, China Lake, Calif. 93555.

Mason also urges GEBA and CLMAS members check to make sure up-to-date information regarding their beneficiaries is on file. He can be contacted after working hours by calling 446-4794.

## Veterans, dependents may use VA's free phone line network

Veterans or their dependents seeking information on benefits are reminded that the Veterans Administration (VA) maintains 960 toll free telephone lines across the country for them to use.

The telephone numbers can usually be found in the "U.S. Government" section of local telephone books under "Veterans Administration—Benefits Information and Assistance." In cases where a "U.S. Government" listing is not included in the local directory, telephone operators can supply the toll free number.

In order to get faster service when they call, veterans should have at hand as much VA-related information about themselves as possible, such as his/her VA claim number, military serial number, or Social Security number.



**TEST AND EVALUATION DIRECTORATE PLAQUES AWARDED** — Lt. Col. Joseph O'Brien (at left) and Lt. Col. D. E. P. Miller (center), both of the Marine Corps Liaison Office at China Lake, were recently presented T&E Directorate Plaques by Deputy T&E Director Capt. Sig Stocking. Lt. Col. O'Brien, who has been stationed at NWC since December 1973, received his plaque for cooperative services to T&E during the Joint Service Test for Laser Use in Close Air Support at Coso Range and for furnishing Marine Corps servicemen for operating hand-held laser designators on many occasions. He is leaving NWC to become a student at the Naval War College at Newport, R.I. Lt. Col. Miller received his plaque for his assistance in furnishing helicopter support for VIP air-borne range tours and for acquisition of off-station USMC aircraft for providing cruise missile recovery standby and other test support functions. He is leaving NWC after three years to become a student at the Industrial College of the Armed Forces in Washington, D.C. —Photo by Ron Allen

## Promotional opportunities...

(Continued from Page 2)

File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2371.

Payroll Clerk, GS-544-3/4/5, PD No. 7117016, Code 0844 — This position is located in the Payroll Branch, Office of Finance and Management. Incumbent performs routine research of payroll records to correct leave data; prepares changes to employee's earnings, deductions and leave factors; prepares reports to leave availability, leave transfers, and earnings statements. Job Relevant Criteria: Knowledge of payroll/leave regulations; working knowledge of data processing; experience and/or training which demonstrates arithmetic aptitude; ability to work under pressure.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 206, Ph. 2574.

Clerk-Typist, GS-322-3/4, PD No. 7470030-2, Code 2683 — This position is located in Public Works Department, Maintenance Control Division, Work Input Control Branch. The primary duties of this position include all typing and clerical duties, work reception and input, maintenance and control of all work requests, upkeep of numerous files, and the publication of various management reports. Job Relevant Criteria: Ability to type efficiently and accurately; ability to work independently; ability to use judgement and tact for telephone and personal contacts; skill in clerical duties.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2032.

Guard, GS-085-2/3/4, PD No. 7384024, Code 2413 — Position is located in the Police Division of the Safety and Security Department. Incumbent performs duties at a fixed post and a patrol (foot or vehicle) and must have veteran's preference. Duties include controlling entry and exit of personnel (i.e. protection of buildings, areas, personnel; enforcement of regulations). The incumbent will work one of three watches — day, night or morning. Job Relevant Criteria: For GS-2/3, ability to express his/herself clearly in writing and to deal tactfully with people; must be in good physical condition. For GS-4, includes above criteria plus knowledge of laws and regulations; knowledge of procedures related to federal guard duties. Summary of qualification requirements: GS-2, written test to demonstrate ability to understand the written work and to follow oral directions; GS-3, 1 year guard duties; GS-4, 2 years guard duties.

Police Officer, GS-083-2/3/4/5, PD Nos. 7184004N, 884015N, 884016N, 7184019N, Code 2413 — This position is that of police officer and is located in the Police and Security Operations Division of the Safety and Security Department. The incumbent will train in all aspects of law enforcement. This training will be both of formal and informal nature. Incumbent will patrol assigned area with a senior police officer, conduct preliminary investigations and prepare reports. Job Relevant Criteria: Knowledge of law enforcement methods and principles; ability to work in stress situations, to communicate effectively both orally and in writing, to exercise good judgement and to deal tactfully with others. Summary of qualification requirements: GS-2, written test to demonstrate ability to

understand the written work and to follow oral directions; GS-3, 1 year law enforcement experience; GS-4, 2 years law enforcement experience; GS-5, 3 years law enforcement experience.

Police Dispatcher, GS-301-2/3/4, PD No. 7584007N, Code 2413 — This position is located in the Police and Security Operations Division of Safety and Security Department. Incumbent performs dispatching duties for the China Lake Police Division and maintains radio communications with NWC Guard Posts, Fire Division, Naval Investigative Service, and off-center police agencies; coordinates and controls radio traffic between police units; responds to requests for assistance by police units and/or notifies appropriate source; furnishes requested information to the public, or refers to appropriate authority. Job Relevant Criteria: Ability to communicate clearly, both orally and in writing; demonstrate tactfulness and diplomacy; experience in radio communications; ability to work effectively in stress situations.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

## Bodies of plane crash victims found in Colorado search

Word has been received by the NWC PIO that the bodies of three local residents missing in an airplane crash since last Dec. 19 have been located in Saguache County, Colorado.

Pilot of the missing plane, a single-engine American Aviation AA-1 Yankee model, was Robert L. Adams, 31, a technician in the Production Engineering Branch of the Engineering Department. Accompanying him were his wife, Diane, and their 19-month-old son Brian. Reportedly, all three were killed instantly on impact.

Search for the missing plane began when Mrs. Adams' mother in Ohio reported that they had not arrived for a planned visit after taking off from Inyokern Airport on the morning of Dec. 19. Civil Air Patrol planes searched the area near Gunnison, Colo., until Dec. 28, when heavy snows fell and the search had to be discontinued.

The search was resumed on June 24 when the snow melted, and was again discontinued on June 27 when a Civil Air Patrol pilot and observer were killed in a crash while looking for the missing family.

Adding to the difficulty of the search was that Adams had not filed a flight plan. He had refueled at Gunnison and asked local pilots which would be the best crossing of the Continental Divide; the search centered on Cochetopa Pass, 10,149 feet, which had been recommended as the lowest pass.

Apparently the white plane was not seen in an aerial search because a tree fell on it.



**F-86F SABREJET REBUILT** — After being shipped here in sections from Japan, the F-86F Sabrejet shown above was rebuilt as one of a new family of target drones for use both here and at the Pacific Missile Test Center at Point Mugu. As this photo was taken, LCDr. J.W. Pate (on left) and Adam Galen were looking over the aircraft maintenance manual. LCDr. Pate is head of the Aircraft Department's Target Division, while Galen is a lead man for the Vought Corp., the contractor whose employees are handling target drone maintenance work at China Lake. At right is Bob Miller, a Vought Corp. aircraft mechanic, who is making repairs on the plane's hydraulics system. —Photo by Ron Allen