



**WACOM MEMBERSHIP COFFEE HELD** — Wearing "I Vote for WACOM" badges, three women who renewed or initiated their membership in the Women's Auxiliary of the Commissioned Officers' Mess gather at the refreshment table during last week's membership coffee that launched the new year of WACOM activities. Memberships were renewed by Carol Anderson (at left), and Carol Dieckman, (standing next to her), while Phyllis Martin (at right) took advantage of the occasion to join WACOM for the first time. There was a good turnout of women who attended in order to learn about various programs and activities WACOM members will be involved in during 1980-81. — Photo by Ron Allen

## WACOM outlines program for year to potential new members

All potential members of the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) who were unable to attend the membership coffee held at the COM are invited to attend the first meeting of the year on Tuesday, Oct. 14.

Those interested will be able to join at that time, or, if they prefer, dues may be mailed to WACOM treasurer Jean Fish, 606 Mamie St., Ridgecrest.

Those eligible for membership in WACOM include employed women and wives of civilian employees at the Center who hold a grade of GS-9 or above, or who are junior professionals. Also eligible are women officers and wives of officers stationed at the Center. The yearly membership fee is \$7.50.

Besides the social functions sponsored by WACOM, it sponsors the annual Christmas bazaar at which community organizations raise funds for philanthropic activities. WACOM also sponsors the Thrift Shop, which sells donated items at low cost, giving the proceeds to the Navy Relief Society, Combined Federal Campaign, and other charitable organizations.

## Navy Wives Club welcomes women eligible to join

Wives of enlisted Navy, Marine Corps, and Coast Guard personnel, both active duty and retired, are invited to join the Desert Flowers Chapter No. 125 of the Navy Wives Club of America.

The group meets the second Tuesday of each month at 415-A McIntire St., China Lake, at 7:30 p.m. Anyone interested in joining is invited to attend a meeting or to contact Diane K. Wadelin, president, by calling 446-4833 any evening.

Dues are 50 cents per month, plus \$5 per year for the parent national organization.

The Navy Wives Club is now holding a craft night each Thursday at 7 o'clock in the homes of members to work on items that will be sold at this year's Christmas bazaar. Money that is raised will be used for a variety of charitable purposes.

## Puckett takes over as manager of Chief Petty Officers' Club

Starting Monday morning, Cyril D. (better known as Don) Puckett will be taking over as manager of the Chief Petty Officers' Club.

George (Barney) Barnard, former CPO Club Manager, has been working with Puckett to acquaint him with the operation of the CPO Club since Barnard will be taking extended leave starting next week.

Puckett brings a lifetime of experience to club management, both in the military service and as a civilian. Most recently, he has been serving as assistant manager at the Commissioned Officers' Mess.

All members of the CPO Club are invited to drop by and meet their new manager.



Commissioned Officers' Mess

Next week the Commissioned Officers' Mess will feature two special evenings of dining out.

Tuesday (barbecue night) the COM menu will offer a country platter of pork spareribs and chicken, country potatoes, corn-on-the-cob, and hot biscuits and honey.

On Thursday, Sept. 25, the special of the evening will be all the spaghetti and meat sauce anyone can eat for just \$2.95 for adults, and \$1.50 for children.

Dinner on both evenings will be served from 6 to 9 o'clock.

Programs planned for meetings this year include Lenno Wells presenting "Your Musical Horoscope" in October, a Thrift Shop fashion show in November, and Robbie Hennigan presenting "An Old Fashioned Christmas" in December.

David Ross will start off the new year in January entertaining WACOM members with songs and jokes. February's program will feature the performance of De Wayne Fulton, harpist, and Lance Phillips, baritone.

Margaree Klein, who is known as the "Happy Cooker," will appear in March to give tips to WACOM members on how to give a successful Chinese dinner party, while the annual fashion show for members and guests is slated in April.

## Annual membership lunch of AAUW to be held Sept. 26

The China Lake/Ridgecrest branch of the American Association of University Women will hold its annual membership lunch on Saturday, Sept. 26, at the Westwood Manor clubhouse, 801 W. Ward St., Ridgecrest. Punch will be served at 11 a.m., with a potluck lunch furnished by continuing members served at 12.

Any woman who holds a degree from an accredited college is eligible for membership in the organization. Annual dues of \$23 are used to sponsor both local and national activities of the organization.

The local branch of the AAUW has been active since the late 1940s; activities are both social and charitable.

Anyone who is planning to attend the lunch, or who wishes further information, may telephone Beverly Estis, 375-4049, in the evening.

### MOVIES

Regular starting time—7 p.m.

**FRIDAY, SUNDAY SEPT. 19, 21**

"STAR TREK THE MOTION PICTURE"  
Starring  
William Shatner and Leonard Nimoy  
(Adventure drama, rated G, 134 min.)

**SATURDAY, MONDAY SEPT. 20, 22**

"BRONCO BILLY"  
Starring  
Clint Eastwood and Sondra Locke  
(Comedy, rated PG, 116 min.)

**WEDNESDAY SEPT. 24**

"THE JERK"  
Starring  
Steve Martin and Bernadette Peters  
(Comedy, rated PG, 103 min.)

**FRIDAY SEPT. 26**

"TOM HORN"  
Starring  
Steve McQueen and Linda Evans

**SATURDAY SEPT. 27**

"NORMA RAE"  
Starring  
Sally Field and Ron Liebman  
(Social drama, rated PG, 115 min.)

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

To: \_\_\_\_\_

PLACE  
STAMP  
HERE

## Change in fence line subject of meeting Sept. 24

An opportunity will be provided next Wednesday night, Sept. 24, for all interested China Lake residents to obtain firsthand information on plans for relocating the Naval Weapons Center's southern perimeter security fence line.

Occupants of Navy housing are invited to attend a meeting that will begin at 7 p.m. at the Community Center.

The speaker will be Steve Kaupp, associate director for security in the NWC Safety and Security Department.

### APPROVED ON TRIAL BASIS

Kaupp will go over details of plans, already approved on a trial basis by the NWC Command, for permitting open access (most of the time) through the Center's main gate and south gate, and posting guards at gates on the already established inner range barrier fence that extends from the NWC main gate to the golf course.

The present plans also call for closing the south gate at 10 p.m. and manning the main gate for the purpose of screening and logging in late-night visitors to the Center.

An integral part of this plan is the manning of the guard gates on Sandquist Rd. and Lauritsen Rd. during working hours. After 6 p.m. and on weekends or holidays, all traffic headed for Armitage Airfield or the north range areas would be routed through the gate on Lauritsen Ave., where a guard would be present 24 hours a day.

If traffic piles up at the gates on either Sandquist Rd. or Lauritsen Ave., this problem could be alleviated by opening other gates on Knox Rd. or Wasp Rd. during the busiest times of the day.

### NOT LOCKED INTO PLAN

Since none of the presently existing fencing or gates will be removed, it will be possible (if this new plan turns out to have insurmountable flaws) to fall back to the present system of checking passes of employees or casual visitors at the main gate or south gate.

Among the advantages cited in moving to the inner range barrier fence concept are the cost savings for guards at the main gate, south gate, and Burroughs High School gate, as well as for other personnel who now issue casual visitor passes at the NWC main gate. In addition, access to the Center's recreation facilities will be readily available to all interested persons.

There will be, however, the expense of making more secure a number of buildings located outside the southern perimeter security fence by installing alarm systems, heavier doors, additional locks, and burglar-proof screens on windows.

## President signs bill increasing pay for military

A bill pertaining to increases in military pay and military benefits was signed last week by President Jimmy Carter.

Among the numerous provisions of this legislation is an 11.7 percent pay increase for military personnel, a 10 percent boost in the basic allowance for subsistence, as well as increased pay for enlisted personnel serving at sea, and a reenlistment bonus for military men and women with more than 10 years but not more than 14 years of service.

Also provided is a 25 percent increase in aviation career incentive pay, and expanded dental care for military dependents.

Under this new legislation, which will become effective on Oct. 1, pay and benefits for the armed services will climb more than \$4 billion in 1981. This, President Carter noted, is the greatest increase in the history of the nation in either war or peace.

This was done, the President added, to help keep the nation secure by facilitating recruitment and retention of qualified military personnel.



NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

September 19, 1980

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## Possible military use of powered hang gliders being evaluated in flights here

Small craft looking like over-sized insects are buzzing above Mirror dry lake and in the sky over the parachute drop zone in G-range at the Naval Weapons Center as part of a technology demonstration and utilization project being conducted by the Parachute Systems Department for the Navy Science Assistance Program.

These angry-sounding mites are powered hang gliders being flown by four qualified test parachutists and Cdr. Denny Becker, head of the Projects Office for the Test and Evaluation Directorate.

No immediate use for the tiny craft (called either ultralights or microlights) is planned; current project efforts center on learning just what they can do and how easy (or difficult) they might be to fly.

### LESS THAN TWO YEARS OLD

According to Tom Bozack, project manager, the powered hang glider has been on the market less than two years, and its development is paralleling early aviation.

"In a way," he says, "the airplane and some of its components are being reinvented. Powered hang gliders right now are where aviation was around 1910 to 1920."

The companies building the craft are all small, with the largest having about 60 employees and many being actually "garage shop" operations. The small craft vary considerably from company to company, but all fall someplace between a parachute and a small airplane in operation and function. They can do many of the things that a helicopter can, but cost only about \$4,000 each instead of at least 100 times that amount for a military helicopter.

Four different types of powered hang gliders were purchased for the technology evaluation program. These were selected to give a range of characteristics, although they all roughly have a wing span of about 30 ft., about 160 sq. ft. of wing area, with an aspect ratio of about 6. Each of the craft weighs about 150 lb. empty and can carry



**UP AND AWAY** — The Pterodactyl soars into the sky in the capable hands of PRC Ron Allen. — Photo by HMI G. F. LaMora

one person. Cruising speed, maximum speed, stall speed are all dependent on the engine used, as well as air foil design, engine efficiency, gross weight carried, control system characteristics, air density and the size of the propeller. Propellers range from about 24 in. to nearly 50 in. in length. Horsepower developed by the engine is dependent on propeller size and design as well as other flight characteristics; maximum for the ones at NWC is about 30 h.p.

The craft have fuel for about an hour and a half of flight time (5 to 8 quarts of gasoline). They are so light, however, that if

## Plans to vacate more housing units at China Lake announced

Plans to vacate the Old Duplex housing area located south of Murray School have been announced by the Naval Weapons Center Command.

This process, which will be taking place over the next six to nine months, will affect NWC civilian employees and military personnel who live in the neighborhood south of Murray School bounded on the east and west by Richmond Rd. and Lauritsen Ave., and on the north and south by Entwistle and Groves Sts.

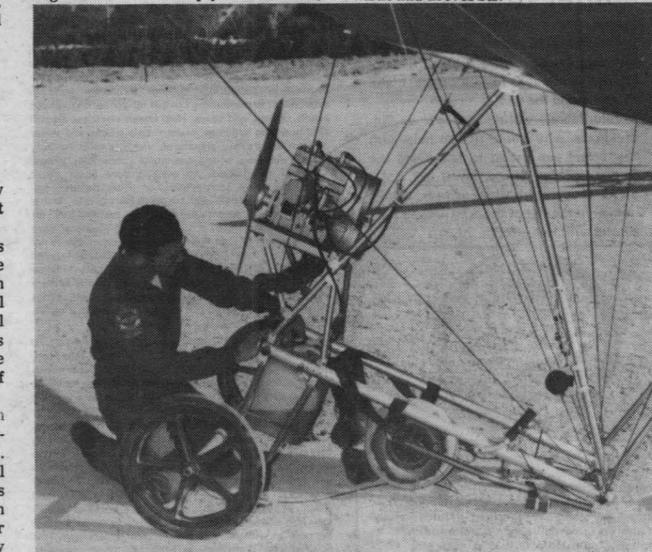
Only about one-third of the homes in this area are occupied. As more civilian employees elect to live in the adjacent communities, the Naval Weapons Center is attempting to manage its housing inventory in such a way that excess housing areas will be vacated in a specific sequence. By this approach, it is possible to accumulate vacant units in a given area, while keeping other areas reasonably full.

This has the advantage of permitting the occupied Navy housing to be maintained at the highest level permitted by the Center's housing budget and at the same time minimize vandalism and other problems usually experienced when substantial numbers of housing units are vacant.

**LETTERS SENT TO TENANTS**  
Military personnel and civilian employees who occupy Old Duplexes in the area to be vacated have been notified of the need to relocate by personal letter from Capt. W. B. Haf, Center Commander.

Civilian employees will be moved to other housing either at China Lake or off-Center as they prefer. Military personnel, because of the mandatory housing assignment policy, will be reassigned to other Navy housing. When this area of Old Duplex units is vacant, which will probably take six to nine months, it will be closed off and inactivated.

The housing reassignments of both civilians and military personnel will not be limited to other Old Duplex units. Instead to the extent that other types of housing units are available, they may also be utilized. In his letter to the residents, Capt Haf encouraged them to contact the Housing Office for assistance, including information or arrangements for moving household goods. The best possible selection of housing will be available to those who make an early contact with the Housing Division.



**FUEL CHECK** — PRC Ron Allen determines that he's got enough fuel for the flight that he will make in the Pterodactyl. This hang glider is powered by a 2-cylinder, 2-cycle engine originally designed for snowmobiles; it is the most powerful of the engines in the four gliders being evaluated at NWC. The wheels on the Pterodactyl are motocross bicycle wheels. — Photo by Ron Allen

# Employee service awards

The following Naval Weapons Center employees have received Federal service or NWC length-of-service awards:



David J. Simmons 30 yrs. NWC Service Code 36; Floyd A. Kinder 30 yrs. Fed'l Service Code 382; Jack A. Crawford 30 yrs. NWC Service Code 39D; Phil G. Arnold 25 yrs. Fed'l Service Code 122; Lowell A. Paulsen 25 yrs. Fed'l Service Code 3956; Frederick J. Koperski 25 yrs. Fed'l Service Code 3915; Hans L. Lindblom 20 yrs. NWC Service Code 3872; Paul C. King 20 yrs. NWC Service Code 3621; Richard G. Drake 20 yrs. Fed'l Service Code 6243; Norman W. Woodall 20 yrs. Fed'l Service Code 3604; Harry R. Bliss 20 yrs. Fed'l Service Code 3917; Earl R. Towson 20 yrs. NWC Service Code 128

# Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk of the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicants' support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

**Announcement No. 09-08KLC, Equipment Mechanic, WG-3522-8/10, JD No. 330, Code 24414** — Temporary not to exceed 1 year. The purpose of this advertisement is to establish a register to fill temporary (not to exceed 1 year) equipment mechanic positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles. Individuals currently on Civil Service registers, and individuals not on registers who have skills necessary to qualify for this position. The position is located in the Maintenance-Utilities Division of the Public Works Department. The incumbent installs, overhauls, repairs, maintains, "alters as needed," machine shop equipment, power plant equipment, large fresh water pumping equipment, range testing equipment, cranes and hoists, high and low pressure pneumatic systems and equipment, hydraulic systems and equipment, hydraulic pneumatic systems and equipment, sewage disposal plant equipment, steam engines, steam cleaners, internal combustion engines, also controls for above items. Job Relevant Criteria: Ability to install, maintain, overhaul, repair and test run mechanical equipment; ability to read and interpret blueprints, sketches, etc.; ability to troubleshoot and repair equipment; ability to use hand tools and measuring devices; ability to do the work of the position without more than normal supervision.

**Announcement No. 0112, Secretary (Typing), GS-318-4, PD 8012007, Code 12** — This position is located in the department office of the Weapons Planning Group. Incumbent is personal secretary to the head, Weapons Planning Group. Duties include screening incoming correspondence, organize calendar, set up and maintain Code 12 personal files, handle travel arrangements, screen outgoing correspondence, make arrangements for visitors coming to Center, handle incoming and outgoing calls, take dictation, arrange and coordinate materials for meetings, schedule urgent situations and adapt schedules to adjust, transcribe tapes, and act as administrative aid to Code 12. Job Relevant Criteria: Knowledge and understanding of the NWC organization as well as Navy's principal program offices at the CNM/CNO level; ability to handle arrangements for Navy wide conferences at NWC and elsewhere; ability to co-ordinate and plan office activities. Promotion potential to GS-7.

**Announcement No. 25-013, General Equipment Inspector Foreman, WS-4901-4, PD No. 802564A, Code 25922 (Read-verified)** — This position is located in the Receiving Branch, Material Division, Supply Department. Incumbent serves as head, Inspection Section. The section is responsible for inspecting all material received from commercial suppliers and operating the Inspection and Claims Investigation functions. Incumbent plans, organizes, and directs inspection of all material received; expedites all inbound freight through U.S. Customs. Interprets regulations and instructions as required. Reviews work of subordinates in progress and on completion. Has frequent contacts with vendors, carriers and NWC employees. Investigates discrepancies identified in inspection reports as required. Job Relevant Criteria: Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools of the trade. Willingness to support Federal EEO Program. File SF-171 and supplemental wage grade supervisory sheet with Code 092 to be received no later than Oct. 3, 1980. Forms may be obtained in the Personnel Bldg., Rm. 100. This is a correction of a previous advertisement. Previous applicants need not apply.

**Announcement No. 26-018, Electrician Helper, WG-2805-5, JD No. 144N, Code 24421, (3 vacancies)**. — These positions are in the Maintenance-Utilities Division of the Public Works Department. The incumbents assist journeymen in measuring, cutting, threading, bending, assembling, and installing conduit for connecting various panels, outlets, and boxes. Help install electrical conduit used in wiring buildings, make simple splices and solder cables; help rewind armatures, fields, and coils; may replace defective wiring and make connections to new electrical installations. All work is done under direct supervision of a journeyman, or using detailed instructions. Incumbents will be participating in a formal development program leading to qualification for assuming the duties of journeymen. Positions have promotion potential to WG-10; however, promotion is not guaranteed. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. Note: Supplemental qualifications statements are required and may be picked up in Bldg. 34, Rm. 210 or reception desk.

**Announcement No. 26-019, Carpenter, WG-4407-5/7, JD No. 344N, Code 24453** — This position is in the Range Shop, Maintenance-Utilities Division, Public Works Department. The incumbent performs the duties and tasks requiring progressively more difficult assignments under a training plan leading to qualification for assuming the duties of journeyman. Work includes fabrication of shelving, hanging sash and doors, installation of hardware, laying flooring, installing ceilings, construction concrete forms, repairs to existing structures, new framing and insulation, and finish trimming. Job Relevant Criteria: Technical practices; ability to interpret instructions, specifications, and blueprints; measurement and layout; tools and equipment; materials; ability to do the work of the position without more than normal supervision. This position has promotion potential to WG-9; however promotion is not guaranteed. Note: Supplemental qualifications statements are required and may be picked up in Bldg. 34, Rm. 210 or reception desk.

**Announcement No. 26-020, Engineering Equipment Operator, WG-3716-8/10, JD No. 324, Code 24781** — (2 vacancies, 1 temporary, 1 permanent). These positions are in the Engineering Equipment Section, Transportation

Division, Public Works Department. The incumbent is required to operate all types of dirt moving construction equipment which includes bulldozers, road graders, road rollers, ditch digging equipment, skidloaders, tractors, and other equipment used to build and to maintain roads. Operates either gasoline or diesel powered equipment, earth moving equipment; operates equipment over the work area, controlling both speed and direction of the basic vehicle and various attachments; adjusts level and angle of cutting edges on various attachments for cutting or for dumping dirt on the job site in accordance with the nature of work to be performed; performs minor maintenance such as refueling, lubricating, replacing minor parts, and inspecting the equipment for signs of wear and damage. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to perform operational maintenance; reliability and dependability; ability to interpret instructions, specifications, etc.; ability to operate equipment safely. Position has promotion potential to WG-10 if filled at the WG-8 level; however, promotion is not guaranteed. Note: Supplemental qualifications statement is required and may be picked up in Bldg. 34, Rm. 210 or reception desk.

**Announcement No. 32-006, Administrative Assistant, GS-341-7 or Administrative Officer, GS-341-9, PD No. 7922002, Code 327** — (This is a temporary position NTE 1 year. May lead to a permanent assignment.) This position is located in the Ordnance Systems Department, Propulsion Systems Division. Responsible for submission of overhead reports providing review of direct/indirect funds and manpower, G&A, travel and overtime. Responsible for manpower loading report for department use. Reviews and monitors expenditures for technical projects to insure proper charging of labor, overhead, equipment, materials, and materials. Works with project engineer to make necessary corrections. Assists project personnel in preparation of budgets. Assists in deriving solutions to a wide variety of personnel-related issues. Performs analyses concerning space, equipment, security matters, etc. (Status eligibles may apply.) Job Relevant Criteria: Knowledge of NIF accounting procedures and processes; ability to analyze complex material and derive sound conclusions; ability to work independently; ability to work effectively with others in a coordinative capacity. Supplemental experience statement is required. It can be picked up from Mary Morrison, Rm. 210, Bldg. 34.

**Announcement No. 33-004, Administrative Officer/Assistant, GS-341-5/7/9, PD No. 7831029AMIE, Code 33002** — This position is that of administrative officer to the head, Survivability and Lethality Division, Fuze and Sensors Department. The incumbent is responsible for the administrative functions of the division with particular emphasis in the fields of budgetary planning and fiscal control, personnel policies, and procedures, staffing requirements, material and equipment, procurement, equipment management, and facilities. Job Relevant Criteria: Knowledge of NWC administrative practices and procedures; knowledge of accounting principles; ability to analyze financial data; ability to consolidate material from various sources into a cohesive report; ability to plan

(Continued on Page 7)

**DIVINE SERVICES**

PROTESTANT

Sunday Worship Service 1000  
 Sunday School — All Ages 0830  
 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.

ECCLESIASTICAL

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

ROMAN CATHOLIC

MASS 1130

Sunday 0830 1130  
 Nursery, Chapel Annex 1 0815 1245  
 Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS 1115 to 1130  
 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES

Sunday Pre-school thru 11th grade 1000  
 Above classes are held in the Chapel Annexes across from the former Center Restaurant.  
 Sunday afternoon 12th grade 1630  
 As announced "In Home" Discussion Groups and Youth Rallies  
 Contact Chaplain's Office for specifics.

JEWISH SERVICES

EASTWING—ALL FAITH CHAPEL  
 Sabbath Services every Friday 1930  
 UNITARIANS  
 CHAPEL ANNEX 95  
 Sunday Services—(Sept-May) 1930

# employee in the spotlight

"The only thing I can't make is time."

Billy Hise



If variety is the spice of life, Elizabeth — much better known as Billie-Hise has had a very spicy existence.

A traffic safety specialist now in the Safety and Security Department, she can look back upon professional experience in a variety of fields. Early in her government career she taught a machinist's course in Washington, D.C., where she went with her husband Ron during World War II. Billie had a chance to work for the Naval Gun Factory, took the machinist's course to prepare herself—and was then asked if she would teach the beginning class. After a short stint of teaching, a job opened up as a receptionist at the National Bureau of Standards where Ron was working with Dr. William B. McLean, and she took that job.

When Dr. McLean came to China Lake, the Hises followed and Ron began working for what became Code 35. In contrast to Billie's career switches, he remained with that code for 24 years. Subsequently, he retired with a total of 33 years of government service.

## Started as secretary

Billie's local job experience (prior to working for the Navy) included more than three years as Kern County Veterans Service Officer in this area, writing a column for the Ridgecrest paper, and conducting a radio show that dealt with community affairs. ("I sure didn't apply for that job," chuckles Billie. "I made a telephone call to the man running the radio station to borrow a record for a dance act. He liked my voice and asked if I'd like to do a show. I figured, 'Why not?' because I wasn't working at that time, so I did.")

In 1962 she began work for the Navy, starting out as a secretary for the Behavioral Sciences Group, where she also later served as an administrative assistant. At the time the group was dissolved, she made the switch to safety because she had always been interested in safety. Shortly after her move, she began working in vehicle safety and developed a motorcycle safety training course well in advance of the Navy-wide course; a serious injury to a rider on the dry lake led to the establishment of the course. So far no one who has completed the class has been involved in a fatal

accident. Billie's current main safety interests are industrial and traffic safety, especially the on-going child passenger protection program that she has spearheaded in this community. It hinges on making parents aware that vehicle accidents are now the leading cause of death through age 37, and that being buckled in with either a seat belt for older children or in a proper car seat for little ones will drastically reduce fatal injuries in car accidents. Billie's own four children are grown, but her four grandchildren fall into the age groups that are a particular concern regarding child passenger protection.

## Has many outside interests

Off the job Billie stays as busy as on. Her hobbies include painting, carving, ceramics, making jewelry and taxidermy. ("The only thing I can't make is time," says Billie. "I sure wish I could because there's a lot more that I'd like to do.")

Along with these hobbies, she also plays violin and was a member of the Desert Community Orchestra for several years. While she started learning to play the violin at the age of 5, the instrument that she enjoyed playing in high school in Florida (where she moved with her parents from her native Missouri at the age of 9) was drums.

Her musical interest led her to the Indian Wells Valley Concert Association board of directors for which she is in charge of ushers for this year's concerts.

Adding hours to her day right now is her role as chairman of the Maturango Junction celebration Oct. 25 and 26 to raise money for the Maturango Museum building fund. "Please ask for volunteers," Billie says. "We really are going to have a fun time with our old western town theme, but we need all kinds of help."

To keep up her energy for all these activities and for helping Ron construct the geodesic dome house he is building for them (Billie says she's the clean-up crew) she jogs nightly, although she prefers to swim.

Billie notes that they weren't sure when they first came to China Lake and the desert that they wanted to stay, but after more than 30 years they have finally adapted to the environment.

# Report on 'Project 2000' topic at FMA luncheon meeting Tues.

Jim Bowen, head of the Project 2000 Office (Code 019), will be the guest speaker at the next monthly meeting of Chapter 28 of the Federal Manager's Association (FMA).

The meeting, which is open to all interested persons, will be held on Tuesday, starting at 11:30 a.m., in the dining room at the Enlisted Mess.

"Project 2000," which was authorized in June 1978, is a study of the Naval Weapons Center's total physical requirements through the end of the year 2000.

Those involved in the "Project 2000" study have been assigned the task of establishing a baseline for an investment plan, and are investigating such issues as: (1) Identification of current and future products, (2) facilities obsolescence, (3) timely acquisition of facilities to adequately support RDT&E programs, (4) consolidation and centralization of activities, (5) disposition of low-utility facilities, (6) deficiencies involving encroachment, safety (OSHA), laboratory environment, and utilities, and (7) research and support equipment needs.

At next Tuesday's luncheon meeting,

Bowen will describe the "Project 2000" study, discuss the methodology used in conducting the study, outline the findings, and report on its current status.

Naval Weapons Center employees or military personnel interested in attending the FMA meeting are asked to indicate their luncheon menu choice of either chicken fried steak or ham and yams by calling NWC ext. 2581.

# Volunteers sought to help clean up litter at Center

Like a clean and tidy environment? The Naval Weapons Center is contemplating sponsoring a clean up day (or series of days) to pick up trash and litter around the base.

Volunteers, either groups or individuals, who would like to help with this effort are asked to telephone the Public Affairs Office, NWC ext. 3511, for further information, or to add their names to the list of those willing to lend a hand with this effort.

# The Rocketeer

Official Weekly Publication  
 Naval Weapons Center  
 China Lake, California  
 Captain W. B. Hafl  
 NWC Commander  
 R. M. Hillier  
 Technical Director  
 S. G. Payne  
 Public Affairs Officer  
 Don R. Yockey  
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 Mickey Strang  
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 Editorial Assistant  
 Ron Allen  
 Staff Photographer

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 Photographs Tuesday, 11:30 a.m.

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# Promotional Opportunities

(Continued from Page 2)

and organize work; communication skills — both oral and written; ability to work well with a wide variety of people. Supplemental experience statement required; it can be picked up from Sue Cross, Rm. 208, Bldg. 34.

**Announcement No. 34-007, Television Production Specialist, GS-1071-12, PD No. 8034021, Code 3403** — Position is located in the Video Projects Office, Technical Information Department. Incumbent is responsible for all phases of the video production cycle including planning, scheduling, budgeting and ultimately, delivery of product to customer. Responsible for planning, developing and writing scripts. Also acts as a media director. Job Relevant Criteria: Experience as a producer; ability to write scripts; ability to direct productions.

**Announcement No. 34-008, Television Production Specialist, GS-1071-12, PD No. 8034022, Code 3403 (2 positions)** — Position is located in the Video Projects Office, Technical Information Department. Incumbent directs/performs the full range of functions associated with video productions including consulting with users, acting as a director, editing videotape, etc. is also responsible for scripting productions. Job Relevant Criteria: Knowledge of video equipment; ability to write scripts; ability to plan productions.

**Announcement No. 34-009, Photographer (Television), GS-1046-9, PD No. 8034023, Code 3403** — Position is located in the Video Production Office, Technical Information Department. Incumbent performs all duties associated with operating television cameras. Also acts as a lighting technician, sets up and operates peripheral equipment and performs other associated duties. Job Relevant Criteria: Experience operating television cameras; knowledge of lighting techniques; knowledge of related equipment such as video recorders, etc.

**Announcement No. 39-004, Program Analyst, GS-345-9/11/12, PD No. 802998E, Code 3908** — This position is located in the Sparrow Program Office of the Weapons Department. The incumbent functions as staff to the program manager to provide and evaluate data needed to develop/modify/assess program objectives and operations. The incumbent recommends action based on the evaluation material. The incumbent also functions as the focal point for all contract and contract related effort within the Sparrow Program Office. Job Relevant

Criteria: Comprehensive knowledge of the missile system development/acquisition process; a high degree of analytical ability; the ability to present analysis and conclusions in a logical, concise manner; knowledge of contract requirements and regulations.

**Announcement No. 90-001, Technical Writer/Editor, GS-1083-7/9/11, PD No. 8090001, VX-5** — This position is assigned to Commander, Operational Test and Evaluation Force in Norfolk, Va., and located at Air Test and Evaluation Squadron Five, China Lake, Calif. The incumbent will be responsible for writing parts or all of evaluation test plans, comment letters, long-range program plans and for editing documents written in support of project evaluations. Incumbent will work closely with project officers and staff specialists in carrying out these responsibilities. Job Relevant Criteria: For GS-7: knowledge of technical editing and formatting procedures; for GS-9/11: ability to write and edit technical documents. Familiarity with scientific methods associated with test and evaluation. Ability to communicate effectively both orally and in writing. Ability to work with all levels of NWC personnel.

**Announcement No. 22-001, Recreation Assistant, GS-0189-5, PD No. 8022003N, Temporary, NTE 1 year, Code 221** — Primary work hours 1200-2100, some weekends. This position is located in the Recreational Services Department, Recreation Division. This incumbent will assist with organization and administration of adult programs at the gymnasium, swimming pools, tennis courts, handball courts, intramural and athletic fields. Job Relevant Criteria: Able to deal effectively with people in a customer and supervisory relationship; experience in swimming pool management; knowledge of variety of individual and team sports is desired; senior/lifelong and water safety certification must be obtained. Must have three years experience which demonstrates an understanding of the goals, principles, methods and techniques of recreation and an understanding of the interests and motivations of individuals and groups or appropriate substitution of education for experience.

**Announcement No. 22-002, Clerk, GS-322-3, PD No. 8022002N, Temporary, NTE 1 year, Code 2201** — This position is located in

the Recreational Services Department, Financial Division. The incumbent is responsible for accounting activities such as verifying reports and monies, accountable for central and petty cash funds, preparing and making bank deposits; and typing required forms. Job Relevant Criteria: Must have knowledge of cash control and safe guarding procedures. Navy, BUPERS, NWC, and bank forms: able to type, operate 10-key calculator, cash register; familiar with mess chart of accounts. Applications from status eligibles accepted. Promotion potential to GS-5.

**Announcement No. 09-003, Clerk-Typist, GS-322-3/4, PD No. 7465015, Code 096, 097** — This position is located in one of the Personnel Service Divisions of the Personnel Department. Incumbent performs the following duties for a major department(s): Processes all actions affecting appointments, promotions, pay adjustments, separations, retirements; performs non-competitive qualification ratings, processes classification actions, and maintains associated files and records. Job Relevant Criteria: Ability to deal factually and effectively with all levels of NWC employees; ability to work under stress and pressure; ability to perform a variety of clerical functions; ability to type accurately and efficiently. Promotion potential to GS-6. A 6 month register will be established to fill any vacancies.

**Announcement No. 09-004, Personnel Clerk (Typing), GS-0203-4/5, PD No. 7000007, Code 096, 097** — This position is located in one of the Personnel Service Divisions of the Personnel Department. Incumbent performs the following duties for a major department(s): Processes all actions affecting appointments, promotions, pay adjustments, separations, retirements; performs non-competitive qualification ratings, processes classification actions and maintains associated files and records. Job Relevant Criteria: Ability to deal factually and effectively with all levels of NWC employees; ability to work under stress and pressure; ability to plan, organize, and accomplish work independently; ability to perform a variety of clerical functions; ability to type accurately and efficiently; ability to comprehend and apply regulatory information. Promotion potential to GS-6. A 6 month register will be established to fill any vacancies.

**Announcement No. 38-008, Secretary, GS-318-5, PD No. 802843N, Code 385** — This position is that of secretary, Chemistry Division, Research Department. The incumbent provides a variety of clerical and administrative support to the division head and employees assigned to the division. Reviews outgoing correspondence to ensure correct format, grammar, punctuation, and spelling. Reviews incoming correspondence and composes replies of a routine nature. Maintains calendar of events for division, makes appointments for supervisor, prepares status and travel orders, prepares time cards. Incumbent coordinates/schedules health check-ups and physicals of division personnel with Industrial Medicine. Job Relevant Criteria: Knowledge of Navy and Federal correspondence regulations, ability to use Mag Card II typewriter, ability to use judgement and work independently, ability to gather and coordinate data.

# Youth soccer practice tilts slated tomorrow

A complete schedule of Hour-long practice games will be held tomorrow at Davioud and Schoeffel Fields involving more than 430 youngsters in the first through sixth grades who are scheduled to take part in the fall season program of the China Lake Youth Soccer League.

The league, which will begin regular season play on Saturday, Sept. 27, is composed of 32 teams that have been placed in separate divisions for first, second, third, and fourth graders, as well as a 10-team division in which fifth and sixth grade players have been combined.

In addition to the more than 430 youngsters in the first through sixth grades who will be playing soccer on Saturdays, there are 86 additional players in a junior high division that will begin action after school on Monday and compete on Monday through Thursday afternoons at Kelly Field on the Murray School campus.

# Tickets now on sale for Navy Night at Disneyland, Oct. 18

Navy Night will be celebrated at Disneyland on Saturday, Oct. 18, with the entire park reserved for military personnel, both active duty and retired, and their dependents, and for Department of Defense civilians and their dependents.

Admission for this special event is \$6.15 per person. This price includes admission to the park and unlimited use of all rides and attractions except shooting galleries. Children under the age of 2 are free.

A limited number of tickets are on sale at the Recreation Coordination Office; no tickets will be sold at Disneyland itself.

For further information, contact the Recreation Coordination Office by calling NWC ext. 2010.



## Recreation Roundup

### Military slow pitch winter softball season begins Mon.

A five-team military slow pitch softball league will begin play on Monday night at Schoeffel Field.

The winter league season will include games played on Mondays and Wednesdays at 6 and 7:30 p.m. Action is scheduled to continue until the second week in November.

Monday night's curtain raiser will be a contest at 6 p.m. between the Outlaws and Long Shots. On tap at 7:30 is a game between the NWC O's and Oly's.

On Wednesday night, it will be Oly's vs. the Outlaws at 6 p.m. and the Long Shots vs. Tigers at 7:30.

#### SWIM POOL HOURS

The winter schedule of operation is now in effect at the Naval Weapons Center's indoor swimming pool.

The pool is now open for lap swimming Monday through Friday from 6 to 7:30 a.m., and from 10 a.m. to 1 p.m.; on Saturdays from 12:15 to 1:15 p.m., and on Sundays from 12 noon to 1 p.m.

Open swimming hours are Monday, Wednesday, and Friday from 6:30 to 8:30 p.m., and on Sunday from 1 to 6 p.m.

#### GYM LOCKERS FOR RENT

Lockers are available for rent by active duty military personnel only at the Center gymnasium.

Small lockers may be rented on a daily basis for 25 cents, while other lockers may be rented on a monthly or yearly basis. The locker rental fees range from \$1 to \$4 per month, or from \$6 to \$20 per year.

Interested military personnel can obtain additional information by calling the Recreation Coordination Office at NWC ext. 2010.

### Two bowling teams tied for lead in Premier League

With just two weeks of play in the Premier (scratch) League record book for the 1980-81 season, two teams have emerged as league leaders.

On Monday night at Hall Memorial lanes, bowlers representing Buggy Bath and The Place posted their second 3-game sweep and now have identical records of six wins and no losses.

The Partlow Construction and Hideaway keggers fell victim to the Buggy Bath and The Place, respectively, but it was the bowlers competing for Clancey's Claim Co. who rolled the evening's high team game (1,032) and high team series (2,956).

A trio of Premier League bowlers battled it out for individual scoring honors as they each came through with triple 200 series scores. Ernie Lanterman was tops with a 665 series that included single game totals of 222, 233, and 210.

Other triple 200 series bowlers were Ken Dalpiaz, who had games of 202, 204, and 239 for a 645 score, and Allen Smith, who rolled single games of 200, 221 and 221 for a 642 total.

Other Premier League bowlers who topped the 600 series mark were Vic Black (666), Mark La Fon, (639), Warren Turnbaugh (627), and Lynn Porter (612).

In addition to Lanterman, Dalpiaz, and Smith, those who posted single game scores in excess of 220 were Potter (244), Black (233 and 236), Dick Furstenberg (230), Don Porter (229), La Fon (225), Kim Duckett, Aaron Kane, and Benny Whiteside (224), Vern Logue (223), and Mike Dowd (221).

## Burros lose season opener 14-12 to Barstow

Burroughs High School's varsity football team will travel to North High in Bakersfield today for the second game of the 1980 season. Kickoff time is 8 p.m. and there will be a sophomore contest starting at 5:30.

Last Friday night on their home field, the Burros varsity griders scored early and late in the game against their counterparts from Barstow High, but came up short by a final score of 14-12.

A fumble recovery for Burroughs early in the first quarter by Ralph Aguon, a defensive lineman who was a thorn in the side of the Aztecs all evening long, set the stage for the game's first score.

#### BREAK FOR BURROS

Aguon pounced on the ball on the Aztecs' 36 yd. line, and Billy Brown, quarterback for Burroughs, found room to run on the Burros' first two offensive plays from scrimmage. He gained 21 yds. and a first down on the Barstow 15.

The Burros offense sputtered at this point, but a fourth down pass interference call netted a first down and kept the local team's scoring hopes alive. Subsequently, a 5-yd. penalty against Burroughs was overcome when Brown fired a pass to Mike Cubit, an end, who was hauled down on the Barstow 3, and Brown then scored on a sweep around left end.

The try for the extra point by Jon Wheeler was no good and the Burros had a 6-0 lead with just a little more than 5 min. played in the first quarter.

In a game that was marred by frequent minor penalties against both teams, the visitors from Barstow put their first scoring drive together towards the end of first period of play, after recovering a fumbled punt on the Burroughs 35 yd. line.

### Rifle team from China Lake vies in match at Palmdale

A four-man military rifle team represented the Naval Weapons Center during a rifle match held last Saturday morning at the Desert Marksmen Gun Club near Palmdale.

In competition against rifle marksmen from the Palmdale area and Air National Guardsmen from Van Nuys, Denny Wilcox, captain of the NWC rifle team, won the marksman class, and placed fourth overall in the match.

M-14 rifles were used exclusively in the match, and entrants fired from the offhand (standing) and sitting positions at 200 yds. and in the prone position at targets 300 yds. and 600 yds. from the firing line.

Wilcox posted a score of 448 (with 4 bullseyes) out of a possible 500 total. Others on the NWC team and their scores were: Benny Parsons (420 and 1 bullseye), Bill Moss (390 and 2 bullseyes), and Jim Kostek (378 and 1 bullseye).



MDISL GOLF CHAMPS — Capt. William B. Haff, NWC Commander (at left), presents the Mojave Desert Inter-Service League (MDISL) perpetual team trophy to the China Lake golfers, who last weekend won the 1980 MDISL golf match played here. The trophy was accepted by Jim Kincheloe. Other team members are (standing, from left) Steve Mills, Marv Rush, Rick McAllister, and (kneeling, l.-r.) Al McDonald, Bob Johnson, Mike Stephens, George McChesney, and Luke Thomas. —Photo by Ron Allen



BURROS DEFENSE GIVES GROUND — Michael Mathews (No. 24), speedy halfback for the Barstow Aztecs, picks up a good gain on this running play in the varsity football season opener last Friday night against Burroughs. Seen biting the dust in a futile attempt to stop Mathews is Shawn McDowell of Burroughs (on ground in foreground), as Ralph Aguon (41) gets set to pull down the ball carrier. Mathews tallied the Aztecs' first touchdown of the game.

Michael Mathews, a speedy halfback for the visitors had a 5-yd. gain that was offset by a 5-yd. penalty, but then picked up 12 yds. on three more running plays and a first down at the Burroughs High 23. A 5-yd. off-side penalty against the Burros moved the ball to the 18, as the first quarter ended.

#### BARSTOW EDGES AHEAD

On the first play of the second period, Mathews again took the ball on a handoff from Vince Edwards, Barstow quarterback, and burst through the line on a quick opener that picked up 18 yds. and a touchdown for the Aztecs. The PAT on a kick by Martin Stuyenberg was good and Barstow led 7-6.

Neither team was able to score for the remainder of the first half, but the Barstow team did try a long field goal that missed from the Burros 37 or 38 yd. line just before the gun sounded to end the first half of play.

The Aztecs dominated the third period with a drive that started with the receipt of a punt on their own 19. Scott Greene and Mathews alternated as ball carriers for Barstow as, between them, they moved the

ball out to the Aztecs 47 yd. line.

Temporarily slowed down by back-to-back 5 yd. penalties, the Barstow griders once again broke Greene loose for a good gain — this time for 17 yds. and a first down on the Burroughs 37. The Aztecs continued to move the ball on offense but, after giving up a first down at the 17, the Burros' defense stiffened and held.

The respite for the Burros' defenders was short-lived, however, as a pass completed by Quarterback Brown to Curtis Edmonson, an end, was caught but then fumbled and recovered by Barstow on the Burroughs 40 yd. line moments before the third quarter ended with the scoreboard still showing Barstow in the lead by a score of 7-6.

Biggest play in the Aztecs' scoring drive that followed was a 13-yd. gallop by Greene, who was stopped after picking up a first down on the Burroughs High 6 yd. line. Greene tallied two plays later on a smash through the line and the PAT by Stuyenberg increased the Barstow lead to 14-6.

Midway through the fourth quarter a

(Continued on Page 7)

## Team representing NWC wins MDISL 1980 golf championship

Golfers representing the Naval Weapons Center were winners last weekend of the Mojave Desert Inter-Service League (MDISL) golf match held at the China Lake golf course.

Top performer for the China Lakers was Luke Thomas, winner in the senior division for players 40 years of age and over. Thomas turned in an 18-hole total of 77 on Saturday and had a 78 on Sunday for a 36-hole score of 155.

Thomas received one medallion for

winning the senior division of the 1980 MDISL golf match and another for being a member of the winning team.

The NWC golfers also regained possession of the perpetual trophy that each year goes to the team that wins this event.

The best scores of seven of the 9-man NWC team were combined to arrive at the 796 total that won the match for the China Lakers. In addition to Thomas, other local golfers whose efforts contributed to the victory were George McChesney and Mike Stephens, who had 36-hole totals of 160 and 165, respectively.

Those who had 18-hole scores that were counted in the Center golf team's total were Al McDonald (77), Jim Kincheloe (78), Marv Rush (79), and Steve Mills (82).

In second place with 798, just two strokes off the winning pace set by the NWC golfers, was the team from March Air Force Base in Riverside — the defending champions in this MDISL event.

The March AFB golfers were led by Ben Serns, open division winner with a 36-hole total of 154; and Edward Celaya, runner-up, who fired a 155 that included a 75 on Sunday — lowest score for any golfer vying in the two-day match. Serns and Celaya also received medallions for their efforts.

The other teams entered in the MDISL golf competition, and their scores, were: George AFB (818), Norton AFB (822), Nellis AFB (835), Edwards AFB (838), Marine Corps Supply Center at Barstow (902), and Los Angeles Air Force Station (920).

During the years that there has been MDISL golf competition, an NWC team has won the perpetual trophy in 1970, 1971, 1975, and 1976, in addition to 1980.



VARYING CULTURES — Dr. Alicia Ortiz (standing) involves Esther Harden and other NWC employees present in discussing cultural differences between Anglo and Hispanic cultures as shown by language and family customs.

## Hispanic Heritage Week workshops conducted

A broader understanding of the values of Hispanic culture and of the contributions that have been made to the nation's heritage by Hispanics was provided for NWC employees who attended the workshops and lunch held this week in honor of National Hispanic Heritage Week.

The week began with a workshop on culture awareness conducted by Dr. Alicia Ortiz of the University of Texas. The workshop exercise, in which everyone attending had to assume the role of a member of one of two cultures to deal with persons in the other group, demonstrated that mixed perceptions result when people don't understand the rules of the culture with which they have to deal.

This was demonstrated by playing a game in which each group was given a set of rules to follow but neither was told what rules the other group had to follow.

Dr. Ortiz also was the featured speaker at a Maturango Museum-catered lunch held in the Community Center, at which time she described the effect that the traditional Hispanic culture had upon its members in terms of integration into the larger community, and how attitudes and beliefs taught children in this culture persist even when these children grow up to become highly educated professionals in American society.

Cultural differences extend to points of view as shown by language, Dr. Ortiz noted. For instance, she pointed out that in English, a glass is half-empty; in Spanish, it is half-full. In English, a watch runs; in Spanish, it walks. Speech modes can produce ways of thought that can make two cultures almost incomprehensible to each other, she said.

During Tuesday morning's workshop he presented a perspective on affirmative action plans, emphasizing that these work to the advantage of all employees, not just minorities, because they encourage merit. "It's good management to keep people happy," Gloria said, "which means that all employees must feel that they have equal opportunity."

On Wednesday morning he described the role that Hispanics have had in the development of aviation, pointing out that the first successful liquid rocket engine was designed and built in 1896 by a Peruvian (whom Goddard credited), that the first commercial airline flew paying passengers and mail from Mexico City to Tampico on a regular basis in 1919, and that the first real test pilot was Bert Acosta, a Mexican-American from Utah.

Going back even earlier, Gloria noted that the first man-carrying gliders were successfully developed and flown in Mexico in the 1850s, and that (less happily) during the Mexican Revolution of 1912-14, nearly every faction had its own air force of small planes.

Contributions by Hispanics to aviation and space flights are continuing today, Gloria pointed out. Many Hispanic Americans have worked on space programs including the Space Shuttle, he said.

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## AMSAN Michael Miller singled out as NWC's Sailor of Month

Aviation Structural Mechanic Airman Michael C. Miller was selected as Naval Weapons Center Sailor of the Month for August.

Assigned to the NWC Hot Line as an A-7 plane captain trainee, he is expected to qualify for that role shortly. In the letter nominating him for the honor of Sailor of the Month, his supervisor, Lt. M. D. Backes, states that AMSAN Miller "is an extremely ambitious individual whose aggressive drive and positive attitude have proven him to be head and shoulders above his peers. He can always be counted upon to pitch in and help his co-workers when needed without being told to do so."

The letter concludes that "AMSAN Miller is a definite credit to this command and the United States Navy."

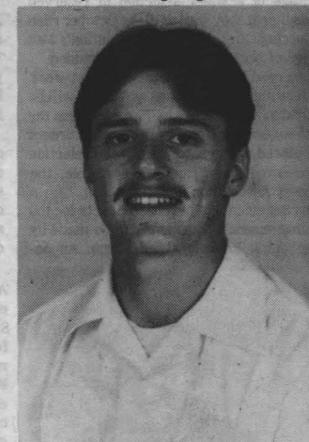
NWC's Sailor of the Month entered the Navy 14 months ago on a delayed entry program, seeking his rating because he finds aircraft and flying immensely exciting. He is interested in the Broadened Opportunity for Officer Selection and Training (BOOST) Program, which he hopes might lead him to being able to become a Navy pilot eventually.

Wife Debra is equally enthusiastic about his plans because, AMSAN Miller says,

"she likes to see me happy."

Both he and his wife are from Garden City, Mich.; they enjoy the good weather in the desert, but miss seeing the four seasons. They are fascinated by the mountains adjoining the Center, but don't like having to drive as far as necessary "to do things."

Their time around China Lake is well filled, however. Mrs. Miller is finishing high school by attending night school four



AMSAN Michael C. Miller

evenings a week, and he is planning on taking a drafting class at Cerro Coso Community College.

He is also currently employed in the bowling alley (as well as enjoying bowling as a hobby). AMSAN Miller lists his other hobby as working on cars, both in restoring old cars and in getting newer ones into good running condition.

As a result of his selection as NWC Sailor of the Month, AMSAN Miller will receive a 96-hour liberty and no duty status for 30 days. He will also receive an NWC plaque and an official letter of commendation signed by Capt. W. B. Haff, NWC Commander, will be placed in his service jacket.

### University professor to counsel students Oct. 2-3

Prof. Orlando Madrigal will be at the Naval Weapons Center on Thursday and Friday, Oct. 2 and 3, for the purpose of counseling individual students interested in undergraduate and graduate programs offered at California State University in Chico.

Those interested in seeing Prof. Madrigal can make appointments by calling Stella Payne at NWC ext. 2648.

### Fiscal year end timecards due early on Sept. 26

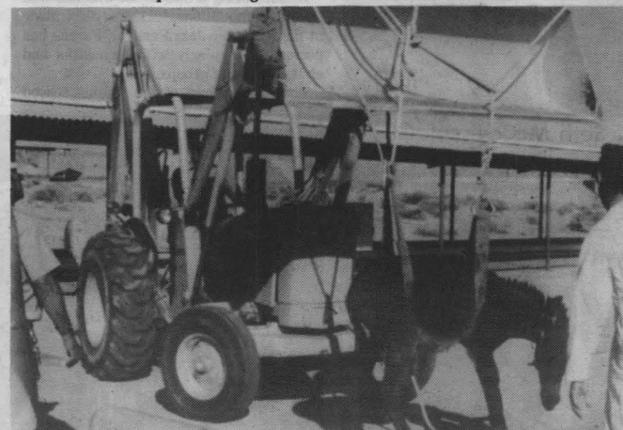
To ensure that it will be a happy new fiscal year (beginning on Oct. 1), all employee timecards must be in by 8:15 a.m. Friday, Sept. 26, so that deadlines for closing FY 1980 can be met.

If timecards are not submitted by that time next Friday, employees may not receive their pay on time, and incomplete data may result for the end of the year.

Departments will need to estimate what will occur on Friday, Sept. 26, in order to get the cards submitted on time. If changes occur, department representatives can come to the Payroll Office to make necessary corrections between 3 and 4:30 p.m. on Sept. 26.

Mistakes discovered after that time should be corrected by personally delivering a memorandum to the Payroll Office no later than 9 a.m. Monday, Sept. 29.

Any overtime worked on Friday night or Saturday, Sept. 27, should be submitted on a supplemental timecard no later than 4:30 p.m. Monday, Sept. 29.



BURRO RESCUED—It isn't often that Center employees are involved in the rescue of a wild burro, but such a mission of mercy was carried out recently by Warren Berry and Mart Hinojosa, of the Public Works Department's Transportation Division. Hinojosa rigged up a sling that could be used to hoist the animal from a steam and water line access pit in the Salt Wells area, after the burro had fallen through an old wooden cover across the top of the pit. The skip loader used for this purpose was operated by Berry. The animal's predicament was discovered by Jim Bennison and Ben Parsons, of the Fuze and Sensors Department, who protected the trapped burro overnight from predators by placing a makeshift grating over the pit and also gave food and water to the animal. After all that, however, the feisty beast, instead of submitting docilely as a possible candidate for the BLM's "Adopt a Burro" program, proved to be too difficult to restrain once it was out of the pit and is back once again roaming the desert.

Widely varied program scheduled

# Concert Ass'n season ticket sale is underway

A series of six concerts will be offered at the Center theater by the Indian Wells Valley Concert Association during the 1980-81 season.

Music lovers who are not already members of the association can join by purchasing tickets for the season, Gene Younkin, association president, announced.

Those who join now will have the advantage of a wider selection of reserved seats than if they wait until the October rush to purchase tickets for the association's 34th series of performances, Younkin added.

Reserved seat selection began last week for new members, and season tickets will be mailed to all members two weeks before the first concert on Oct. 21. The earlier orders are placed, the greater will be the selection of reserved seats that are available, the Concert Association noted.

Arrangements to purchase tickets for the coming season's programs can be made by telephoning 375-5600 at any time. An an-

trace its beginnings from 1775, is traditionally referred to as "The President's Own."

Through the years, the United States Marine Band has marched and played its way into the hearts of the American people — musically representing them before Presidents, top officials of other nations, and commoners in times of war and peace.

The band's most illustrious leader was John Philip Sousa, who served two enlistments with the U.S. Marine Band and in 1880 became its leader. It was during his 12 year tenure as leader of the band that Sousa began to write the inspiring marches that later were to bring him international fame.

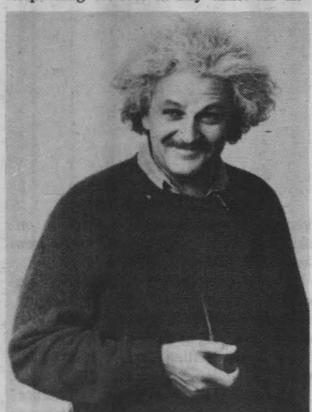
Today the U.S. Marine Band, under the direction of Lt. Col. John R. Bourgeois, draws the finest talent from major music schools, conservatories and colleges as it continues to provide music for the President and Congress, as well as the Commandant of the Marine Corps when so directed.

On Wednesday, Nov. 19, the Concert Association will present a four-member ensemble known as "Ko-Kela," from the Sioux Indian word "to make sound." The four musicians — pianist William Dopman, violinist Clayton Haslop, violist Myra Kestenburg, and cellist Peter Rejto — are each distinguished soloists who have combined their efforts to play great chamber music including selections by Mozart, Brahms, Beethoven, Ravel, Schumann, and Liszt.

"Ko-Kela" was founded in 1977 with the support of the conductor of the Los Angeles Chamber Orchestra.

The first concert program of 1981 is scheduled on Thursday, Jan. 21. Featured will be Ed Metzger as "Albert Einstein: The Practical Bohemian."

In this one-man dramatic show, Metzger does for Einstein what Hal Holbrook has done for Mark Twain as he brings to life the many sides of Einstein's personality in a portrayal that spans the years Einstein spent both in Europe and America.



Ed Metzger  
January 15

swering machine will take the caller's name and message if no one is in when the call is placed. Visa and Master Charge orders may be handled entirely by phone, if desired.

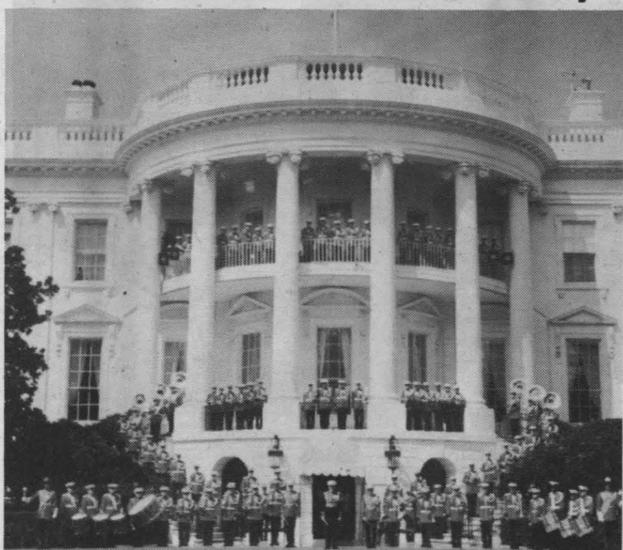
Tickets remaining for the outstanding lineup of six programs are priced at \$20 and \$17. Already sold out are reserved seats for Section A, which were priced at \$23 each. These prices represent a savings of 40 percent when compared with the cost of single admission tickets for the entire series of six concerts.

Reduced price season tickets, which are half the cost of regular admission, can also be reserved now by young people under 21 years of age, enlisted military personnel, and senior citizens 65 years of age and over.

The 1980-81 concert season is scheduled for a lively opening on Tuesday, Oct. 21, when the United States Marine Band will be here to perform. This group, which can



Ko-Kela—November 19



United States Marine Band—October 21

Coming to the Center theater on Monday, Feb. 23, will be the Kern Philharmonic Orchestra, directed by John Farrer, with Seth McCoy, tenor, as the guest soloist. The Kern Philharmonic, now in its 35th season, is rated as one of the outstanding symphony orchestras in California. About two-thirds of its program here will consist of all-orchestral pieces drawn from major symphonic music literature.

The balance of the program will feature tenor soloist McCoy, an internationally acclaimed recitalist who has appeared with virtually every major orchestra in North America. He has added appearances at the Metropolitan Opera House to those with major orchestras in the United States and Canada with which he performs annually.

Scheduled for the next to last program of the 1980-81 concert series is a concert by Terrence Farrell, a classical guitarist, who will be here on Wednesday, March 18. He will present a well-rounded program including selections from the Italian Renaissance, Classical and Romantic eras on up to modern works. In addition, Farrell will play a short group of American dances that were popular in the 1800s using a pre-Civil War era guitar.

Besides being a solo artist who has won several competitions, including first place at the Monterey Jazz Festival, Farrell has performed regularly with orchestras and chamber music groups.

The final concert of the coming season

will be a program by the well known Hartford Ballet Company, directed by Michael Uthoff. One of the most active touring ballets in the nation, this company travels with 16 to 18 dancers and brings along all of its own staging equipment.

As a result of exceptional dance talent, topnotch choreography, and sensitive direction, this group has established an enviable reputation for its electrifying performances and excellent audience appeal.



Terrence Farrell  
March 18



Hartford Ballet Company—April 7

# Package store opens in new location at Bennington Plaza

Relocation of the package store to Bennington Plaza was completed this week. The store will be open Monday for business in its new location, which is just around the corner from the Navy Commissary.

An official grand opening of the package store in its new locale has been planned on Monday, Sept. 29. Refreshments will be served beginning at 12 noon.

Patronage at the package store is limited to persons 21 years of age and over who fall into any of the following categories:

- (1) Military personnel of all Armed Services of the U. S. and their Reserve Components on active duty (including active duty for training for 72 hours or more) or on the retired list with pay.
- (2) Military personnel of the Armed Services of foreign nations on active duty or on the retired list with pay.
- (3) Military personnel of the National Oceanic and Atmospheric Administration and the U.S. Public Health Service on active duty or on the retired list with pay.
- (4) Unremarried widows or widowers of military personnel of the Armed Services of the U.S. and their Reserve Components who died in line of duty while on active duty, and to unremarried widows or widowers of personnel who died while on the official retired lists.

(5) Dependents, over age 21, of members of the uniformed services (on active duty, retired with pay, or deceased).

## Grannie Frannie to share wisdom on energy conservation

With the increasingly cold winters in the rest of the country, an unusual sun-seeker has arrived at the Naval Weapons Center—Grannie Frannie drove into town in her yellow 1957 Thunderbird convertible from her former home because "I couldn't keep the top down on my car more than three or four months of the year there."

She brings with her the best attitudes of her Yankee background: thrift, an abhorrence of waste, sound common sense,



Grannie Frannie

a sense of humor, and the warm grandmotherly traits that enable her to serve as counselor and friend to anyone who is puzzled or troubled. Add to that a boundless enthusiasm for living.

There's another side to Grannie Frannie, too, however. An avid chess player, she also likes poker (but only plays for buttons). And her mild appearance as she sits and knits or crochets can be deceiving; this peppery little old lady in the yellow convertible holds a black belt in karate because, she says, "in this world, you've got to be able to take care of yourself."

Despite her warmth and tenderness, she's a crusader and righter of wrongs with a particular aversion to red tape.

Grannie Frannie will shortly be appearing in print in the ROCKETEER

## Social for military women

A social hour for active duty military women assigned to the Naval Weapons Center will be held next Wednesday, Sept. 24, from 4:30 to 6 p.m. at the Enlisted Mess.

The purpose of this event, which has been arranged by the Federal Women's Program Committee, is to provide information on local resources that are available to women.

All active duty military women are encouraged to attend.

(6) One hundred percent totally disabled veterans of the Armed Forces of the U. S. and their Reserve Components, so long as their Uniformed Services Identification and Privilege Cards (DD Form 1173) remain in effect. Such totally disabled veterans may, if they so desire, designate in writing a representative to make purchases at the package store.

(7) U.S./Naval Academy Midshipmen; Cadets of the Army, Air Force, and Coast Guard Academies; Officer Candidates (men and women) when in an active duty training status; Navy Enlisted Scientific Education Program Officer Candidates; and NROTC midshipmen only when on active duty during college vacation periods.

(8) Recipients of the Medal of Honor, and their unremarried widows/widowers and dependents.

## Colvard to present Bjorklund Awards at ASPA meeting Oct. 1

Material, will be the distinguished guest speaker at the annual meeting of the American Society for Public Administration on Wednesday, Oct. 1, at the Commissioned Officers' Mess at 11:30 a.m.

His speech is entitled "If the burros can survive, why can't the mavericks?" All interested personnel are invited to attend the lunch. Reservations are required and must be made by close of business on Friday, Sept. 26.

Menu selection is chef's salad at \$3.25 or teriyaki beef at \$3.75. Reservations may be made by telephoning either Dr. Frank Cartwright at NWC ext. 2534 or Mickey Strang at NWC ext. 3354.

Colvard will also present the Bjorklund Management Innovator Awards to individuals selected by ASPA for their innovative efforts to meet the challenges of management. He is uniquely qualified to make these presentations because of his close relationship with Russ Bjorklund, who died in 1966 while serving as head of Central Staff for what was then the Naval Ordnance Test Station — forerunner to the Naval Weapons Center.

## Meeting slated Mon. about Fleet Home Town News Program

A Navy Fleet Home Town News Program will be instituted at the Naval Weapons Center in the near future.

The Fleet Home Town News sends information about military personnel and their activities to home town papers, and is considered to be a major morale builder for military families.

A meeting will be held at NWC on Monday morning with JOCS Billy Kinder, who is West Coast representative of the Fleet Home Town News Center in San Diego. He will brief representatives of activities whose support will be needed to successfully implement the program locally.

When sufficient information about the tiny craft and their flight characteristics has been collected, the data will be reduced and passed on to the Marine Corps through



READY TO BUZZ OFF—PRC Ron Allen makes last adjustments to his craft before donning his helmet and gloves and heading down the lake bed in the Pterodactyl on his takeoff run. —Photos by Ron Allen

## Powered hang gliders . . .

(Continued from Page 1)

they catch a thermal, the engine can be turned off and they can soar. The engines can be readily started in the air since all have a pull starter just like a lawn mower engine.

The four craft being tested are the Eagle, made by Electra Flyer Corp., Albuquerque, N.M.; Pterodactyl, Pterodactyl Ltd., Watsonville, Calif.; Quicksilver M, Eip-performance, Inc., San Marcos, Calif.; and Mitchell Wing B-10, Mitchell Aircraft Corp., Porterville, Calif.

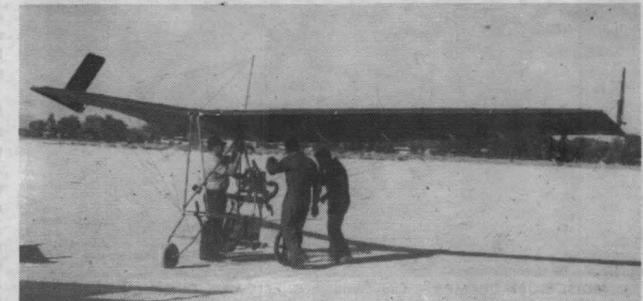
Since all four of these companies are in the west, their representatives can conveniently come to the Center to teach NWC personnel how to fly each type of craft because each has different flight controls. Check-out time for any of the craft is roughly an hour and a half, during which time the student learns how to handle the controls, how to take off, fly a pattern and land.

Just as the student pilot has to continue learning after making a solo flight, however, further training is necessary before the "pilot" is fully qualified. Flying time in these craft is measured in minutes rather than hours—one hour in a powered hang glider is considered to be about the equivalent of flying 10 hours in an airplane. No license is yet required by the Federal Aviation Administration to operate the ultralights because they are capable of being foot-launched.

All the NWC personnel are still considered to be in the check-out phase of their training on powered hang gliders. The test parachutists were all sent to hang glider training (unpowered) in San Diego to learn handling characteristics of these craft. Cdr. Becker is a qualified military pilot; PR1 M. W. Hager is a qualified private pilot; PRC Ron Allen, PRC Robert Hudson and PR3 C. E. Mathews have not qualified as pilots on any powered craft previously.

Training proficiency flights are expected to continue until October, at which time project flights to gather data will begin.

When sufficient information about the tiny craft and their flight characteristics has been collected, the data will be reduced and passed on to the Marine Corps through



FINAL TOUCHES—PR1 Harvey Hartman, I., PRC Ron Allen and Jack Peterson ready the Pterodactyl for a proficiency flight. Wings of this and the other three craft being evaluated are all covered with polyester sailcloth; a fair amount of sailing technology as well as aircraft technology has been used in the design and building of these tiny powered hang gliders.

NSAP for a determination to be made of any possible military use.

Project Manager Bozack and Test Engineer Jack Peterson both emphasize that no specific type of mission is yet planned for powered hang gliders because no one yet knows enough about their capabilities to decide what might be practical.

## Talk about Space Shuttle scheduled at IEEE meeting

The China Lake Section of the Institute of Electrical and Electronics Engineers (IEEE) will begin its new program year with a talk by John Latin of Rockwell International regarding the Space Shuttle.

The presentation will be made in the patio room of Clancey's Claim Co. in Ridgecrest at 7 p.m. on Wednesday, Sept. 24. Liquid refreshments will be available in the patio room; those who would like dinner at Clancey's should plan to dine between 5 and 7 p.m.

The Space Shuttle is currently the only large space effort in progress by the United States. During a film slide and lecture presentation, Latin will cover all aspects of the Shuttle program including a description, the time frame in which it will operate, and benefits expected.

Visitors are welcome to attend. Anyone who wishes further information may telephone Chairman Dave Koelsch at NWC ext. 3695 or publicity director Walter Martin at NWC ext. 2698.

## NEX Toyland opens tomorrow morning in Bennington Plaza

The date may be Sept. 20, but shoppers will have the chance to get started on their Christmas shopping when the Navy Exchange Toyland opens tomorrow morning at 10 in the area formerly used by the Employee Services Board barbershop in Bennington Plaza.

The best selection of toys will be available on the opening day. Shoppers therefore are urged to make their purchases early.

Store hours will be from 10 a.m. until 5 p.m. on Tuesdays, Thursdays and Saturdays until Thanksgiving.

Santa Claus will be making an appearance at Toyland's grand opening tomorrow, along with such super hero-types as Wonder Woman and Spider Man, who have caught the fancy of youngsters today. Theme of the Toyland grand opening is "Super Heroes."

## Blue Cross van here

The Blue Cross Health insurance mobile service unit van will be at the Community Center parking lot until 3 o'clock this afternoon.

Blue Cross / Blue Shield subscribers who have questions about their health insurance coverage or payment of claims are invited to meet with a field representative of the insurance firm. No appointments are necessary.