

SUMMERTIME FUN — More than 500 persons (active duty military personnel and their dependents) attended the annual NWC all hands picnic held Tuesday afternoon on the grounds of the Chief Petty Officers' Club. A well-shaded lawn area provided a comfortable spot to enjoy the picnic fare of hamburgers with all the fixings, baked beans and potato chips-washed down by soft drinks or beer. Ideal weather for this time of year-winds of 10 to 15 knots and a maximum temperature of 95 degrees—added to the enjoyment of all who attended. Small children enjoyed playground equipment and young and old alike found the CPO Club swimming pool an ideal place to beat the afternoon heat and also for sun bathing.



MONIES General Audiences
ALL AGES ADMITTED arent or Adult Guardian

FRI., SAT., SUN., MON. JUNE 27, 28, 29, 30 "STAR TREK THE MOTION PICTURE"

William Shatner and Leonard Nimoy (Adventure-drama, rated G, 134 min.) "THE APPLE DUMPLING GANG

> RIDES AGAIN" Don Knotts and Tim Conway (Comedy, rated G, 85 min.) "THE ONION FIELD"

John Savage and James Wood (Drama, rated R, 126 min.) CLOSED FOR JULY 4 HOLIDAY

Swim party slated for all JPs, Co-op, summer employees

A swimming party that has been planned as a social event for junior professionals, summer employees and co-op employees will be held next Thursday, July 3, from 6 p.m. to midnight at the Commissioned

Tickets to the party are priced at \$2 each if purchased in advance. This price covers the cost of preparing snacks and refreshments and use of the COM swimming pool. Tickets can be obtained from the following members of the Summer Em-

ployees' Activity Committee: Eric Sommeria, Rm 4000, Michelson Lab., ph. NWC ext. 3611; Mike McLane, Public Works Department Administration Bldg., ph. 3411, ext. 240; Terry Connacher, 2nd deck of Hangar 2 at Armitage Airfield, ph. NWC ext. 5383; Diane Matthews, Rm. 110, Michelson Lab., ph. NWC ext. 3707; and Erik Van Bronkhorst, Rm. 25, Solid State Lab., ph. NWC ext. 2156.

Tickets also will be on sale at the door next Thursday night at a cost of \$2.50 per

Widely varied youth activities planned in July

highlights a full schedule of events slated during July for young people by the Recreational Services Department.

Other events include two basketball clinics, a skateboard tournament, a fishing trip, two disco dances, two bingo sessions, a dog show and four movie matinees.

The free youth fair, which will be held between 10 a.m. and 3 p.m. on July 19 at Schoeffel Field, is for anyone 17 years of age and under. In addition to the band, such games as tug of war, softball and earthball will be played along with a parachute game and some games in booths.

Those planning to attend the fair are advised to bring money for refreshments. Two basketball clinics will also be held toward the end of July at the Youth Center.

The first clinic, which is scheduled between July 21 and 25, is for third and fourth graders. Fifth and sixth graders will participate in the second clinic, slated between July 28 and Aug. 1. Both clinics will be held between 9 and 11 a.m.

Dribbling, shooting, passing, guarding and team play will be taught at the clinics by Dan Linsteadt and Marc Hucek.

A \$5 registration fee must be turned into the Recreation Coordination Office three days before the basketball clinics starts.

The skateboard tournament for any young people between 6 and 17 years of age will get underway at 10 a.m. on July 15 on the east parking lot of the Community

Bernadette Namauleg, assistant com- has also scheduled a dog show at 10 a.m. on munity services director, will supervise the July 26 at McBride Park. tournament, which features giant slalom Anyone 17 years old or younger may bring

in this outing will meet at 7:30 a.m. on July 17 at the Recreation Coordination Office

Any fisherman must have his or her own signed permission slip, fishing equipment and lunch and be between 10 and 17 years old. A Public Works bus will be used for transportation, and there is a \$3 fee that must be paid in advance.

Two disco dances featuring recorded music are planned at the Youth Center on

The first dance, which will be held between 6:30 and 9:45 p.m., is for young people between the ages of 12 and 17. All 9-11-yearold youths may participate in the second dance, which will run from 6:30 to 8:30 p.m. The price of admission for each dance is 75 cents for an individual and \$1.25 for a

Two free bingo sessions for youths 9-17 years old are slated between 7 and 9 p.m. on July 8 and 22 at the NWC Theater. Some of the prizes are food, sporting ods and passes to the bowing alley, incor swimming pool and the skating rink.

The Recreational Services Department

and downhill freestyle competition. There is his or her own dog on a leash to the show. a \$1 entry fee, and participants may show up There is a \$1 entry fee, and ribbons will be awarded to the winners.

Ms. Namauleg also will be in charge of a In addition to these activities, there will be a movie matinee at the Center Theater every Wednesday during July. The price of admission is 85 cents.

> The first matineee on July 2 will feature "The Apple Dumpling Gang Rides Again," a Walt Disney comedy starring Don Knotts and Tim Conway. It will be followed on successive Wednesdays by "Jungle Book," "Close Encounters of the Third Kind," "Herbie Goes to Monte Carlo" and "The Wiz."

> Doors to the theater will open at 1:30 p.m., and the matinee will begin at 2 o'clock.

Registration for all youth programs will be taken at the Recreation Coordination Office. Additional information can be obtained by calling NWC ext. 2010 or 2385.

Tuck to speak at meeting of Astronomical Society Bob Tuck will be the featured speaker at

the July meeting of the China Lake Astronomical Society.

Due to the conflicting July 4 weekend and the scheduling of the Western Amateur Astronomers' convention in Tucson, Ariz., the meeting will be held on Monday, June 30, at 7:30 p.m. at the Society's hut, 401-A McIntire St., China Lake.

Old-fashioned Fourth of July celebration slated at fairgrounds

Contests, games, food, entertainment and a fireworks display for all ages are all a part of a free, old-fashioned Fourth of July celebration scheduled from 1 to 9 p.m. on Independence Day at the Desert Empire Fairgrounds in Ridgecrest.

All Indian Wells Valley residents are invited to participate in these activities, which are being sponsored by local clubs and organizations.

After the fairgrounds open at 12:30, the NWC Sidewinder Drill Team color guard will start the chain of events with a flagraising ceremony at 1 p.m.

Between 1:30 and 6 p.m. the baseball throw / dunk your friends, tug-of-war and greased pole events will be held. Organizations and departments are urged to form their own tug-of-war teams of not more than five members whose combined weight may not exceed 1,200 lbs. Exceptions to the rules may be made for those teams making a special challenge to their rivals.

The Exchange Club, the American Legion and VFW, and the Optimists Club are sponsoring the dunk, tug-of-war and greased pole events, respectively.

At 4:30 the eating contests will begin with a watermelon eating contest sponsored by the Kiwanis Club. The Rotary Club will sponsor a pie eating contest at 5 p.m. followed by a rootbeer chugging contest supervised by the Special Advisory Council

The Elks Lodge will furnish entertainment beginning at 6 p.m. and continuing until the fireworks display at 9 o'clock.

For those who would rather play games inside, Joshua Hall will be open for bingo between 2 and 6 p.m.

Hot charcoal will be available after 4 p.m. for those who wish to bring their own steak, hamburger or other meat to cook. In addition, hot dogs, popcorn, wine, beer and soda pop will be sold in booths with the proceeds going to the Fireworks Fund

Checks from KofC. FBLA presented to Maturango Museum

The Maturango Museum building fund was increased by \$224.80 recently as a result of donations by the Future Business Leaders of America (FBLA) and the Knights of Columbus

The FBLA raised \$112.40 for the museum by selling advance ride tickets for the Spring Festival. The Knights of Columbus matched that figure with a check for the

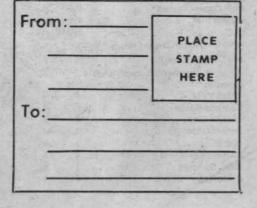
A total of \$679.40 was raised by the FBLA and 10 other local clubs for their personal use through the sale of Spring Festival

Tammy Gammon and Susan McGee, president and treasurer, respectively, of the FBLA respectively, and Dave Koelsch, Grand Knight of the Knights of Columbus. presented the checks to Robert Tuck, director of the Maturango Museum.

"It's refreshing to find people doing things for the community," Tuck said in accepting the checks.

"We wanted to pick a project to donate to that is beneficial to the community." Because of the July 4 holiday next Koelsch said. "The museum is beneficial. and it shows promise."

U.S. Government Printing Office:

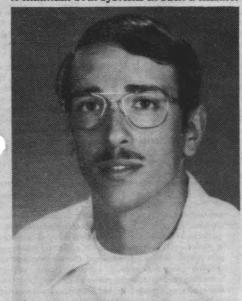


NWC Blue jacket of Month honor goes to Edwards

Electronics Technician Third Class William S. Edwards has been selected as the Naval Weapons Center Bluejacket of the Month for May.

He is assigned to the Ground Electronics Branch of the Communications Division in the Military Administration Department, where he is responsible for preventative and corrective maintenance of the Center's digital subscriber terminal equipment narrow band subscriber terminal, and crypto equipment.

In the letter nominating ET3 Edwards for Bluejacket honors, ETCS N. R. Carroll commends him for the many hours of study on his own time that led to his qualification to maintain both systems in such a manner



ET3 William S. Edwards

that a recent technical evaluation made by the Defense Communication Agency was highly successful.

The letter continues that "ET3 Edwards" superior performance was the subject of a special performance evaluation which was entered in his service record in April 1980."

His active participation in military sports events is also commended, and special recognition is given to his work with the Naval Sea Cadet Corps at China Lake.

ET3 Edwards says that he has thoroughly enjoyed working with the Sea Cadets because he enjoys teenage young people and wants to let them know the benefits of being in the Navy. He is currently the acting Commanding Officer of the unit.

His other off-duty activities include playing softball, both as a member of the Commander's Cup team and as a member of the Long Shots, and, as a sort of busman's holiday, he likes tinkering with electronics equipment.

Time also, of course, is saved for spending with his wife Millie and their 3-monthold baby Patti ("a very sweet baby," he says proudly).

Iowa, and grew up in Victor, Iowa. He was graduated from high school in Brighton, Colo., where he met Millie.

(Continued on Page 3)

Due to holiday, Monday deadline set by Rocketeer

Friday, The ROCKETEER will be published and distributed to NWC civilian and military personnel a day early on Thursday, July 3.

The earlier publication date makes it mandatory to move up the deadline for next week's issue by one day as well.

Those with news items they wish published in the July 3 issue of The ROCKETEER must turn them in no later than 4:30 p.m. on Monday, June 30. Anything that is available earlier and can be brought in or phoned to the newspaper office prior to the deadline will assist the staff in getting next week's newspaper out on time in spite of the abbreviated work schedule.



June 27, 1980

Vol. XXXV, No. 26

Success reported

Parachute system for use in probing Planet Jupiter atmosphere tested here

system designed to lower the Galileo Atmospheric Entry Probe System to the surface of Jupiter took place recently at the Naval Weapons Center.

The purpose of the Galileo mission to Jupiter is to find out more about the chemical composition and physical state of the atmosphere of Jupiter; to study the surfaces, chemical composition, and physical state of the Galilean satellites (the four largest satellites discovered by Galileo when he developed the telescope); and to study the magnetic field of Jupiter and determine how the energetic particles

When it is launched in 1984, Galileo will be the first mission to use the Space Shuttle as an interplanetary launch system.

PURPOSE OF PARACHUTE

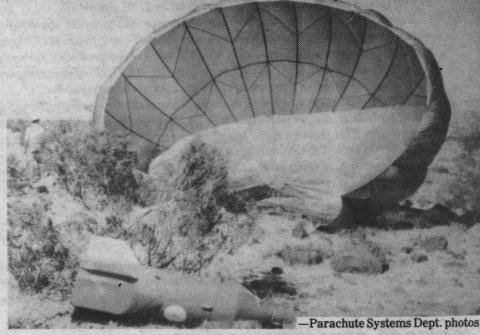
As Galileo approaches Jupiter, it will split into two parts: the atmospheric probe and a carrier. The atmospheric probe will settle through the atmosphere toward the planet's surface, its progress slowed by use of a parachute to permit a longer time for gathering data that will be relayed to earth by the carrier.

The Parachute Systems Department conducted the first successful test of this parachute on June 11 when an aluminum cylinder 18 in. in diameter and 76 in. long, weighing 630 lbs. was gently lowered to NWC ranges.

The test vehicle was launched from a Pacific Missile Test Center F-4J aircraft at an altitude of 40,000 ft., and a speed of Mach

The air test sequence began with the firing of a door gun after launch of the system. When the door was off and clear, a mortar fired, leading to the deployment of

The pilot chute, whose inflated diameter is only 3 ft., 9 in., then pulled the main parachute out, allowing it to open. The main parachute has a diameter of nearly 12 ft., 6 in. Both are made of DuPont kevlar, which



TEST VEHICLE IN GOOD CONDITION — A test vehicle of the kind that will be used in a probe of the atmosphere of the planet Jupiter lies on the desert floor after being dropped from an altitude of 40,000 ft. during a recent test over the G-range area of the Naval Weapons Center. The landing, on rocky ground about two miles north of the intended drop zone, caused only minor damage to the vehicle itself. In the background is the main recovery parachute used in this test.

is expected to be able to withstand the atmosphere on Jupiter.

The recovery system initiated prematurely in the test, deploying a 6-ft. diameter drogue, and a 35-ft. canopy lowered the test module safely to the desert floor at 9:19 a.m., 8 min. after launch.

Although the test was terminated early, 90 percent of the test objectives were met and test data are now being reviewed.

A second test of the system is planned in August when the vehicle will be launched at 47,700 ft. altitude and an airspeed of Mach

EXPLOSIVE LIMITS

POUND CLASS 1.4

POUND CLASS 1.3

RSONNEL LIMITS

NWC designed and fabricated the test vehicle and the electronics control system. In-house parachute expertise was tapped for this, and this expertise plus that gained

by consulting with Edwards AFB personnel was used in designing the recovery system. The recovery parachute was modified in-

Wally Fung, head of the Test Engineering Division in the Parachute Systems Department, notes proudly that "At NWC,

we pack our own parachutes." He added that special appreciation was due to the NWC Aircraft Department for aircraft electrical support; to the Range Department for telemetry, radar, television, photo and general range support and operation; to military personnel at Armitage Airfield and to members of the

(Continued on Page 3) Fireworks are hazardous; use banned at NWC

Based on statistics of previous years, at least 10 persons will be killed and another 4,000 will be injured throughout the United States as the result of the careless use of fireworks on the Fourth of July. In addition, property loss running into thousands of dollars is

The NWC Fire Division reminds everyone that, in accordance with NAVWPNCENINST 11320.4, the use of fireworks within the boundaries of the Naval Weapons Center is strictly

The term "fireworks" includes blank cartridges, toy cannons, fire crackers, torpedoes, skyrockets, Roman candles, or similar items capable of producing a visual or audible effect by combustion or detonation.

Fireworks are dangerous, NWC firefighters emphasize. To insure a safe and happy Fourth of July holiday weekend, they urge that Centerites keep fireworks in the hands of licensed professionals only and not try to set off fireworks themselves or permit their children to do so.

EXPLOSIVE DEVICES PLACED IN VEHICLE — The series of events that took place after the Project Galileo test vehicle was launched from the aircraft used to carry it aloft were triggered by explosive bolts and squibs. Gene Bennett loads these devices into the test vehicle, as John Matsuo (at right) NWC senior engineer for parachute canopy design, and Roy Condran, from General Electric, look on. GE is the prime contractor for the Galileo deceleration module.

June 27, 1980

Editorial

Making change in uniforms is expensive decision by Navy

There have been significant changes in both the men's and the women's Navy uniforms during the past year. The following information should clarify some of the questions which have arisen as a result of the recent changes.

A major shift in uniform policy is an expensive decision. In order to minimize the expense associated with a change in uniforms, the Navy's stock of the outgoing uniforms must be decreased to a level which is acceptable for disposal before the new uniform may be introduced. In the case of officers, a reasonable period of time is allowed for officers to purchase. the new uniform; then it becomes prescribed.

For enlisted personnel, this is accomplished through accrual of the clothing maintenance allowance. The allowance is increased by an amount which represents the monthly portion of the total cost of the item over its useful life. Thus the clothing maintenance allowance for safety shoes is \$17.80 spread out over a period of 17 months, or \$1.05 per month.

Every 17 months the maintenance allowance will provide each Navy enlisted man or woman who needs them with sufficient funds (\$17.80) to replace safety shoes. In fact, safety shoes became a required item for male E-1s to E-6s on Oct. 1, 1979, 17 months after the clothing maintenance allowances reflected an increase to cover the cost of the safety shoes.

It is this procedure which delays the implementation of new uniforms. A case in point is the service dress blue jumper which is now an optional uniform for E-1s through E-5s. Initial recruit issue of this uniform began in May. On May 1, the clothing maintenance allowance for that jumper began. When all E-1s through E-5s have been appropriately compensated for the procurement of the new jumper, it will become a prescribed part of the

The effects of this process of gradually introducing new items, combined with the number of recent changes in uniform policy, have resulted in a proliferation of uniforms.

Although the monthly amount may seem small, it must be remembered that the clothing allowance is computed to eventually provide for the replacement of each seabag after its estimated useful life has expired. Take care of your uniforms!

Arrange now for school physical exams

Appointments can now be made for Parents of military dependents are asked physical examinations of youngsters who to arrange for their child's physical exam will be entering kindergarten or the first early in order to avoid overloading the grade when the new school year begins in branch medical clinic's work schedule by

In the case of dependents of military clinic (939-2911, ext. 246) to make a physical personnel, such exams are being handled at exam appointment. the local Branch Clinic of the Naval Regional Medical Center, Long Beach.

Two clinic visits are required to complete the physical examination. On the first visit, immunizations, lab work, and an eye examination will be done. During the second visit, a doctor will complete the remainder of the physical exam.

Youngsters who were given a physical exam prior to entering kindergarten are not required to have this work repeated prior to starting first grade since, in the State of California, physical exams done at any time up to 18 months before entering the first

grade are acceptable. Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its regular monthly St., China Lake. The meeting will begin at

The council is the representative of a unit composed of the Center's non-supervisory, ungraded civilian employees who are located at China Lake.

ment. The employee selected will go on the training assignment at his current grade level and position description. Applicants must be at the grade level listed in the notice. For information or to apply for the below listed training opportunities, contact Len Gulick or Beverly Weisbrick, Code 035, Ext. 3793. will be exposed to the complete range of planning,

Managers including: (1) Cost and schedule control. (2)

The Rocketeer Official Weekly Publication Navai Weapons Center

China Lake, California Captain W. B. Haff **NWC Commander** R. M. Hillyer Technical Director S. G. Payne **Public Affairs Officer** Don R. Yockey Editor Mickey Strang

Associate Editor

Beverly Becksvoort

Editorial Assistant

Ron Allen

Staff Photographer

Tuesday, 4:30 p.m. News Stories Tuesday, 11:30 a.m Photographs

dividual to the operations of a major project office in NAVAIR. Specific training objectives of the developmenta AIR-541 program efforts with Navy R&D centers and contractors. (2) To develop an increased awareness of total documentation requirements in the acquisition cycle. (3) (DP), Navy Decision Coordinating Papers (NDCP) and budget submissions. The DP and NDCP provide complete program descriptions, goals, plans, schedules and cost estimates. (4) To broaden the participant's overall developmental experience by working with other DoD offices. Duties to be Performed: The participant will assist in providing program management support and coordination in the technical and planning activities of the Air Launched Unguided Weapons Programs. Specific duties are: (1) Assist in the preparation of Development Proposals. (2) Assist in preparing Navy Decision Coordinating Papers (NDCP). (3) Assist in the preparation of impact statements, budget reclamas, and other AIR-541 submissions in defense of financial plans. (4) Assist in preparation of financial plans and budget submissions for Aircraft Armament. (5) Interface with NAVMAT by submitting documentation for review and approval. (6) Maintain a constant liaison with OP-506F and OP-982E, the OPNAV sponsors for Air Warfare Programs. (7) Interface with other DoD commands, such as Marine Corps and the Air Force, on regular basis. (8) Participate in the selection of contractors. Monitor plans, progress, and resources of contractors. (9) Work with AIR-541 specialists in reviewing and providing inputs to training, reliability, main tainability, safety, procurement and logistics plans. Qualifications Required: The participant for this developmental assignment must possess a sound knowledge of Air Strike Warfare concepts and be experienced in military problem solving and the use of scientific analytical techniques. He/she must have demonstrated initiative, originality, and judgement qualities and be capable of working in close harmony with and obtaining the cooperation and professional support of Naval officer and civilian scientific and analytic personnel Other requirements are: Must have at least a bachelor's degree in engineering or related physical science; must

Promotional opportunities

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 supplementa qualifications requirements that may be necessary. For managerial/supervisory positions, consideration wil be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicant 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 nonmer

Announcement No. 09-KLC, Painter, WG-4102-9, JD No. 202N, Code 26442 — (Temporary NTE 1 yr., 1 vacancy). The purpose of this ad is to establish a register to fill temporary (not to exceed one year) painter vacancies. um time in an appointment of this type will be 12 months in any 24-month period. NWC will be accepting applications from reinstatement eligibles, people curre on registers, and people not on registers who have the necessary skills to qualify in this trade. Prepares wood, metal, brick, and masonry surfaces for painting. Paints nteriors and exteriors of all types of buildings and appurtenances. Paints guard rails, fences, barricades, towers, curbings, and tanks using brushes, rollers, and spray equipment. Blends colors, mixes paints and other protective materials according to directions. Job Relevant Criteria: Technical practices: instructions and specifications; ability to use and maintain tools and equipment of the trade; knowledge of materials; dexterity and safety; ability to do the work of the position without more than normal supervision

Announcement No. 03-001, Secretary (Typing), GS-318-3/4, PD No. 8000034N, Code 03T — This is an intermittent (WAE) position. This position supports the Air Weaponry Technology Program Office and the ADP Resources Incumbent acts as receptionist, screening visitors and incoming telephone calls, and provides clerical and typing duties for both offices; maintains files and calendars; makes travel arrangements; performs timekeeping duties; procures supplies, equipment; repair and maintenance services, etc. through appropriate channels; performs other miscellaneous clerical duties as assigned. Job Relevant Criteria: Ability to type accurately and efficiently; ability to get along with others in the work group; ability to meet deadlines under pressure; knowledge of Navy correspondence and local filing procedures. Promotion potential to GS-5. Previous ap-

Announcement No. 06001, Test Scheduler, GS-301-11, PD No. 8006014N, Code 0633 — This position is that of head, Test and Airspace Scheduling Office and is located in the Projects Office of the Test and Evaluation Directorate. The position performs short-term workload planning, produces the daily test schedule and performs all coordination required to effectively accomplish the air, ground and track testing of the Naval Weapons Center. The incumbent requirements of the tests into a schedule which optimizes safety, technical integrity and manpower utilization. Promotion potential to GS-12 upon re-evaluation of the

gathers workload requirements from project engineers waiting until the last minute to call the and integrates the various time and technical

Training opportunities The Navy Scientist Training and Exchange Program (NSTEP) is designed to provide long term training opportunities for NWC employees grades GS-9 and higher. These training assignments are located in the Washington, D.C. area. The program is used for cross training and development of key personnel at the middle, senior and executive levels. The training varies from 6 months to 2 years depending on the assign

(5) Technical Direction. Training Objectives: The primary

terdisciplinary: Engineering, all series: Physical Sciences, all series; GS 12/13/14). NOTE: The person selected for this position will be assigned in grade, and will have duties commensurate with his/her grade level. There will be no temporary promotions. Location: Naval Air Systems Command (AIR-541). Developmental Opportunity: This is an excellent opportunity for a technically qualified person to gain valuable training in the headquarters aspects of the NAVAIR Aircraft Armament programs. The participant programming, reprogramming, requirements definition, and technical direction of Aircraft Armament programs This will include the critical interactions with OPNAV, the other services and OSD. The person selected will be assigned responsibility as a Weapons Systems Acquisition Manager (GS-13/14) in the Program Management Branch of the Armament Division, Naval Air Systems Command. The branch is responsible to the division director for the management and execution of assigned Armament Programs through its Deputy Armament Program

3354.3355

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen, Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in The Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003. training objectives of this developmental assignment are to increase technical expertise while broadening management skills and knowledge by exposing the have a thorough and detailed knowledge of the technica characteristics and requirements of Naval Air Delivered Ordnance Systems.

occupied position and classification at that level. Jo Relevant Criteria: Knowledge of the operation of the Test and Evaluation Facility at the Naval Weapons Center ability to work well with all levels of personnel; ability to

work under the pressure of changing program

requirements and tight deadlines; ability to communicate

well both orally and in writing. cement No. 24002, Police Officer, GS-083-3/4/5, PD Nos. 884015N, 7484018N, 7184019N, Code 2413 - This position is that of police officer and is located in the Police Division, of the Safety and Security Department. The in cumbent will train in all aspects of law enforcement. This training will be both of formal and informal nature. He will patrol his assigned area with a senior police officer, conduct preliminary investigations, apprehend offenders regulate traffic, maintain physical security of sensitive areas and prepare reports. Job Relevant Criteria: Knowledge of law enforcement methods and principles ability to work under stress situations, experience con ducting investigations; knowledge of the geograph ability to communicate effectively in writing; ability to exercise good judgement.

PD No. 7924007N, Code 241 — This position is the secretary to the Chief of Police, NWC. An incumber provide/direct the clerical support needs of the Police Division through the technical direction of the division clerks as well as providing secretarial services to the Chief of Police such as maintaining his calendar, making apments, setting up meetings, coordinating and controlling correspondence, records and reports, screening/routing incoming material, drafting/originating correspondence needed, transcribing minutes of meetings assisting the chief in preparation of the division's budget (Continued on Page 7)

Training classes



classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

NWC Mini-Clerical; July 9-11, 8 a.m. to 4 p.m., Instructor: Lanelle Thompson

Cal-State Chico Class, CSCI 250 Compiler Theory (3), Prerequiste: CSCI 151B; July 14-18, 7:30 to 11:30 a.m., Aug. 9-10, 8 a.m. to 4 p.m., Training Center, Instructor: Dr. Orlando Madrigal, CSU Chico.



PROTESTANT Sunday Worship Service Sunday School-All Ages 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 Thursday Men's Prayer Breakfast

ROMAN CATHOLIC MASS 0830 1130

Nursery, Chapel Annex 1 0815 12/ Daily except Saturday, 1135, Blessed Sacrame Chapel CONFESSIONS 1115 to 1130 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. 12th grade Sunday afternoon As announced "In Home" Discussion Groups

Contact Chaplain's Office for specifics. JEWISH SERVICES FASTWINGS-ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS CHAPEL ANNEX 95

Services-(Sept. May)

and Youth Rallies

June 27, 1980

Intramural softball results . . .

(Continued from Page 6)

Dave Mitchell and Gary Fecteau each had a perfect night for the Techs 'n' Rangers. Mitchell tripled, doubled and singled twice in four at bats, and Fecteau doubled twice and singled twice in his four trips to the plate.

The Dispensary lost to the Long Shot team and the Techs 'n' Rangers by scores of 20-4 and 26-11, respectively, in other Military Slow Pitch games last week.

In a long-awaited game in the Open Slow Pitch Division, Mather's Dairy Service, the end to the SCOE Astros' 6-game winning streak by defeating them 26-10 last week.

The Dairymen were leading 15-6 when they erupted for 11 runs in the top of the fifth inning to secure the victory. The Astros added four tallies in the bottom of the fifth inning, but the game was called because of on Saturdays the 10-run rule.

Ralph Stalnaker and Moe Hunsaker each clubbed two home runs and knocked in five and three runs, respectively, for Mather's Dairy Service.

Andy Gilpin led the Astros offensively by homering twice, singling and knocking in three runs in three at bats.

In another game last week, the Dairymen handed Pizza Villa a 10-6 loss.

Stalnaker hit two triples and Al Chieze doubled twice for Mather's Dairy Service. Jerry Kissick gathered three hits, and Del Kellogg homered and singled to provide the power for Pizza Villa.

High Desert Saloon moved into second place in the American Division by defeating Swap Sheet 18-7. Although edged by Bird Olds 9-8. High Desert Saloon remained onehalf game in front of Pizza Villa at the week's end.

In other Open Slow Pitch action, the NWC Navy Varsity nipped Bird Olds 11-9, the Time Out/High Desert Home Center team downed Swap Sheet 8-3, ARCS defeated CSC 12-8, the Knights of Columbus and Pizza Villa battled to an 11-11 tie, and Burger King ripped the NWC Navy Varsity 17-5 to remain one game in back of the Dairymen in the loss column, in the National Division.

There were no surprises in the Women's Slow Pitch Division last week as the first place Rowdies ran their unbeaten streak to 10 games by defeating CSC and Desert Imports by the scores of 20-1 and 32-1, respectively.

In the game against CSC, Chris Cooksey went the distance on the mound, allowing two hits for the pitching victory.

Jo Maschhoff went 4-for-4 with two home runs, a double and a single to lead the Rowdies' 21-hit attack.

The Rowdies collected 27 hits the next night in defeating the Desert Imports team.

China Lake Inframura

Softball League

Standings as of June 19:

Men's Fast Pitch Div. Pizza Villa Vinyl Disc Fuller Masonry NWC Navy Varsity . Military Slow Pitch Div. NWC O's . Long Shot Techs 'n' Rangers 41/2 81/2 National Slow Pitch Div. Mather's Dairy Service Burger King Swap Sheet Knights of Columbus. Bird Olds . ARCS . American Slow Pitch Div. SCOE Astros High Desert Saloon Pizza Villa Time Out / High Desert Home Ctr. . 3 NWC Navy Varsity

Women's Slow Pitch Div.

Pizza Villa

Bamboo Babes

Desert Imports . .

Castillo's Welding

Independent Fillies . .

The game was close until the Rowdies scored 25 runs in the last two frames to ice

Robin Gillen picked up the victory on the mound after allowing two hits. Gillen also shared top hitting honors for the night with Fletcher as they each homered, doubled and singled twice in six at bats.

Second place Pizza Villa remained one game behind the Rowdies by downing the Independent Fillies 21-14.

The NWC Stingers outscored Castillo's Welding 11-7, the Bamboo Babes bombed first place National Division team, put an Kelly's Girls 24-13, and CSC blasted the Stingers 13-3 in other Women's Slow Pitch

Ceramics Shop is now closed

A change in the hours of operation will go into effect tomorrow at the Ceramics Shop and general Hobby Shop located behind the old Station Restaurant, corner of Blandy Ave. and Lauritsen Rd.

Both the Ceramics Shop and general Hobby Shop will be closed on weekends. Their new hours of operation are Monday through Friday from 11:30 a.m. to 8 p.m. Prior to this week, these two recreation facilities had been open on Saturdays from 8:30 a.m. to 5 p.m.

The aforementioned change does not effect the Camping Issue Rm. or the Woodworking Hobby Shop, both of which will remain open from 8:30 a.m. to 12:30 p.m. on Saturdays.

Regular hours of operation also will be continued at the Auto Hobby Shop, which is open (except for holidays) from 11 a.m. to 9 p.m. Tuesday through Friday, and from 8 a.m. to 5 p.m. on Saturdays and Sundays.

China Lake Little League . . .

(Continued from Page 6)

The Cardinals will face the Ridgecrest Minor Division champions at 7 p.m. Monday on Diamond No. 4 in the Intercity Minor Division championship game.

Joe Norris struck out 15 batters and went the distance to notch the pitching victory for the Cards against the Pirates. Norris also tripled twice, doubled, singled and scored three runs to lead the Cardinals' offense. Tony Avitia also scored three times for the

Against the Royals, Kelly Bryant and Dave Pearson tallied three runs each for the Cardinals. Shane Meridith clubbed two home runs and a single and scored four runs for the Royals. Shawn Murphy added a triple and a double to the Royals' attack.

The White Sox edged the Royals 12-11, and the Pirates nipped the White Sox 16-12 in other Minor Division contests played last Navy Night at Sea

the second half of play with a six win, no loss

The Cubs, who also won the first half championship, were led offensively in the tripled, singled twice and scored three runs. David Vie added a double, two singles and two runs for the Cubs.

In the win over the Padres, Matt Mechtenberg and Jonathan Miller each scored three runs to pace the Cubs' offense. In other Farm Division games the Reds edged the Padres 10-9, and the Angels downed the Reds 20-5.

In the T-Ball Division, the Rangers clinched a tie for the second half championship by clipping the Expos 25-21 and edging the Astros 19-18.

Jeff Kruse was the high scorer for the

Rangers with four runs against the Expos. T. C. Setters, Bryan Mather, Todd Mather and Jeff Whitnack added three tallies each to the Rangers' score. Paul Ashton and Mike Moffitt led the Expos with four runs

Against the Astros, Jonathan Bland and Whitnack scored three runs each to pace the Rangers. Timmy Rice, Robby Begin and Nicky Preddy also scored three runs each for the Astros

The Braves dropped to two games behind the Rangers by losing to the Twins 18-12 and downing the Indians 25-22.

Mike Tague and Lance Kilpatrick scored four and three runs, respectively, to lead the Twins in their game against the Braves.

The Indians bombed the Twins 22-16, and the Astros outscored the Expos 24-13 in other T-Ball action.

In the Farm Division, the Cubs finished World slated July 4

Tickets are now on sale at the record by defeating the Angels 10-4 and the Recreational Services Office for the 11th annual Navy Night celebration at Sea World set for July 4 between 8 p.m. and 1 a.m.

This event, which is sponsored by Sea victory over the Angels by Don Ashton, who World and the 11th Naval District, is open only to active and retired military personnel, civilian DoD employees and their dependents.

> The tickets, which must be bought in advance, cost \$4 for adults and children. Children under four years old will be admitted free.

> Those attending Navy Night will see Shamu starring in his new show.

> Other attractions at Sea World include the Canadian Lumberjack show, the \$2 million live shark exhibit, the marine mammals petting pool and Cap'n Kids' World

Promotional Opportunities

(Continued from Page 2)

and participating generally in the work of the chief by relieving him of the need to deal with the details of the administrative aspects of his work. Job Relevant Criteria: Ability to use dictating machines effectively, ability to work independently; knowledge of Navy and civilian correspondence procedures; ability to meet and deal with the public/workforce with courtesy and sensitivity; ability to provide technical direction to others (in clerical areas). nent No. 25-001, Supply Clerk (Data Transcriber), GS-2005-4, PD No. 7925017N, Code 2572 - This position is located in the Customer Service Branch, Control livision, Supply Department. The incumbent is responsible for keypunching data emanating from the Inventory Management Section and Customer Service Branch; preparing outgoing documents and the distribution of ments. The incumbent works from source documents and is required to determine proper format, amount, and distribution of documents and cards. The incumbent prepares requisitions for end-use and stock replenishing The incumbent also prepares cuts from multi-line item requests. Job Relevant Criteria: Skill in keypunching; knowledge of Federal Supply System; ability to meet and deal effectively with others; ability to work independently

ncement No. 33-001, Administrative Officer, GS-341-11, PD No. 8033065E Code 33302 — This position is located in the Phoenix Ordnance Components Technical Office, Fuze Systems Division, Fuze and Sensors Departnent. This position is designated as business manager for AIM-54, Phoenix Missile Fuzing Systems Program. The coordination of all aspects of the technical support of the Phoenix Fuzing development and production programs The primary objective of the Phoenix Ordnance Components Technical Office Business Manager is to supplement the technical proficiency of the Phoenix scientific and engineering supervisory staff with a high level of competency in the field of financial management and program planning. The incumbent is responsible for the planning, coordination, scheduling, financial management, planning and preparation of the budgets, work units and airtasks for the Technical Office; will take an active part in all proposed development/product improvement plans for Phoenix and must develop marketing plans for all approved development/product improvement programs; and is responsible for the accomplishment of all the tasks connected with contract administration procurements, equipment control, security, facilities, etc. Job Relevant Criteria: Ability to work and communicate effectively with personnel at all levels; knowledge of the government procurement system; knowledge of NWC and SYSCOM financial reporting systems; ability to gather, assemble, correlate, analyze data and draw logical co clusions; knowledge of program planning, scheduling and

ability to plan and organize work and establish priorities.

Announcement No. 35002, Secretary (Typing), GS-318-3/4, PD No. 7935122N, Code 3544 — This is a part-time for 20 hours week/4 hours per day. This position is located in the Signal Exploitation Branch, Microwav Development Division, Electronic Warfare Department. Incumbent will be secretary to the branch head performing the full range of secretarial and clerical operation necessary for the smooth administrative operation of the unit. Job Relevant Criteria: Ability to work independently nd exercise judgement in prioritizing work; knowledge of NWC policies/procedures affecting administrative mat ters relating to areas such as security, time and attendance, personnel action requests, travel, etc.

knowledge of English grammar, spelling and punctuation for correcting obvious errors in material being typed. ment No. 35003, Supervisory Electronics Engineer, GS-855-13, PD No. 7935073E, Code 3525 - Incumbent will be the head of the Electromagnetic Compatibility Section, Systems Design Branch, RF Development Division of the Electronics Warfare Department. Responsible for planning and directing electromagnetic atibility evaluations. Will set technical standards o quality and quantity for EMC evaluation projects and ensure externally imposed standards/requirements are met. Job Relevant Criteria: Ability to supervise; knowledge of EMC design, test and evaluation; knowledge of electromagnetic propagation and fields; understanding of instrumentation techniques and equipment; interest in

and support of the EEO program.

Announcement No. 367, Model Maker, WG-4714-14, JD. No. 418N Code 36441 (3 vacancies) - There are three positions in the Experimental Model Shop Branch, Engineering Prototype Division, Engineering Department. The jobs involve independent performance of a variety of planning, layout, machining, modifying, fabrication and

Upward Mobility Program Register Upward Mobility registers are utilized to fill ad istrative/technical/trades and craft positions which are established or become vacant in grades GS-1 through GS-9 and their trades/craft equivalen (WG-1 through WG-9) with the exception professional positions requiring a positive educational requirement. Applications will be ac cepted from current NWC and Navy employees who have completed the 90-day time-atte pointment, employees who are on VRA apnents and have completed the first year training and employees on handicapp app under Sch. A 213.3102(U) and Sch. A 213.3102(T). For he purpose of this register, employees who will have completed their 90-day time-after-competitive ap intment requirement by Sept. 1, 1980, will be onsidered eligible to apply. There are no minimu Job Relevant Criteria: Ability to express onesel

orally; ability to express oneself in writing; ability to interpret and apply instructions and procedures. nitiative; analytical ability; ability to work with others: flexibility/adaptability: dependability ability to work independently; and interest it electronics (only used for electronics technician position). Applicants will be rated on all of the about job relevant criteria. Selecting officials will selec criteria relevant to their particular vacancy and lists of eligibles will be established based on ratings eceived in those selected criteria. Do not submit SF 171.

Employees who were assessed in the August '7 and January '80 assessment need not re-apply. The will remain on the Upward Mobility Register and will not be re-assessed.

Application may be made by calling NWC ext. 2069 no later than July 3, 1980. All eligible applicants mu attend an orientation on July 16 or July 23 from 9:30 to 11:30 a.m. at the Community Center. At that time they will be given the background questionnal Those who are unable to attend the orientation wi have to come to the Training Center and pick up the material no later than July 25, 1980. Background uestionnaires will be due back to Code 094 no late than Aug. 8, 1980.

Requires ability to establish job requirements and procedures for a variety of trades to follow in completing projects. Job Relevant Criteria: Ability to independe plan, layout, fabricate and assemble complex models ability to set up and operate machine shop equipment to perform required machining; knowledge of metals typically used in machine shops; ability to use blueprints and specifications; knowledge of other trades and ability to direct others; ability to use measuring devices; knowledge of physical and functional characteristics of equipment and components and tools of the trade. Supplemental fo are required; pick up supplemental form from Kate Clark at the information desk of the Personnel Bldg.

Announcement No. 62003, Interdisciplinary level IV tion, (GS-861), Supervisory Electronics Engineer (GS 855), Supervisory Mechanical Engineer (GS-830), Supervisory Mathematician (GS-1520), Supervisory Physicist (GS-1310), PD No. 8062016E, Code 62A - This position is to be filled under the Naval Weapons Center's Demonstration Project — it is a Level IV Scientific and ingineering position. This position serves as Associate Department Head, Range Department. The Range Department provides complete air and ground range tes and evaluation capability and warhead and propulsion static and environmental testing capability. The depart ment supports the R&D requirements of the Center as well as those of other DoD and Non DoD agencies having need of those capabilities. The incumbent is responsible for providing overall control, direction and management of the department's Range Improvement and Modernization Program. The incumbent also has the responsibility for phase out and where investments should be made in new capabilities. This position plays a major role in financial planning and is responsible for defending, on a continuing isis, the budget through NAVAIR 06 and higher DoD levels. Job Relevant Criteria: Ability to supervisi knowledge of the technical and administrative aspects of planning and managing in the T&E community; ability to perform coordination and liaison functions with Center, other Navy, other DoD and contractor personnel; ability to communicate well both orally and in writing. Closing date Operations Clerk, AS-0301-3, \$3.86 per hour plus benefits,

permanent, full-time, China Lake Golf Pro Shop. This is not a Civil Service position. Incumbent will receive public/answer questions, furnish information on programs, activities, charges, etc.; receive and screen phone calls thereby requiring substantial knowledge of operations, functions and activities; collect money, compile reports, maintain accurate financial records, maintain records and files associated with operations; prepare attendance reports/forms on usage, inventory, membership, etc.; prepare and distribute schedules for programs; maintain time sheets/work schedules all employees assigned; assign mark-up prices on mer chandise; submit billing information to bookkeeping for collection; maintain current information on bulletin boards; sort and distribute mail, other duties as assigned. Qualification Requirements: Must be tactful, courteous, present self well, both in appearance and speech; able to aintain, use, and understand directives, regulations, and references used in connection with the operation of the facility; be able to work with figures. Must have experience as a sales clerk with ability to work with money and make proper change.

Apply for the above with Bettye Cheatam, Recreational ervices Department, Bldg. 21, Ph. 3387.

nwc rocketee **SPORTS**

Recreation Roundup

Adult karate class held twice weekly in Youth Center annex

A new schedule of hours for the adult karate class taught by Jerry Franck was announced this week by the Recreational Services Department.

This class, which is held in the Youth Center Annex, located behind the Recreation Coordination Office in Bennington Plaza, is now being held on Tuesdays from 4:45 to 6:15 p.m., and on Thursdays from 6 to 9:30 p.m.

In order to participate in the adult karate class, it is necessary to have an athletic association membership card or a karate sports activity card.

No uniforms are required - any kind of comfortable clothing is suitable. Additional information about the adult karate class can be obtained by calling NWC ext. 2010. 11th ND TENNIS TOURNEY

The 11th Naval District (South) regional tennis championship competition for 1980 will be held July 28 to Aug. 1 at the Naval Training Center in San Diego.

There will be four separate classifications of tournament competition. They are men's open, junior veteran men (35 through 44 yrs. of age), senior men (45 yrs. of age and over), and women.

Prospective participants in the men's open tournament will be required to enter the northern-central area elimination event that has been scheduled at Port Hueneme during the week of July 21-25.

All active duty military personnel interested in entering the 11th ND tennis competition should contact the Center gym by calling NWC ext. 2334 no later than next Thursday, July 3.

CORRECTION IN ORDER

An erroneous bit of information waspublished in the May 20 issue of The ROCKETEER concerning the charge that is made for an an exercise class for women.

This class is open without additional charge to holders of Athletic Association membership cards and to all military women. There is a \$1 fee per session that is charged all other women who attend.

The class, taught by Kelly Moulton, is held every Monday (except on holidays) from 7 to 9 p.m. at the Center gym. Following an hour-long session of warm up exercises, those attending also have use of the sauna, weight room equipment, and racquetball courts. In addition, the swimming pool is

Knott, the Vinyl Disc team upset the 1 last week in the Men's Fast Pitch Division of the China Lake Intramural Softball

Knott, who held Sand Sierra to four hits in seven innings, led Vinyl Disc offensively with a home run and a single in three at bats. Chris Hardy added two singles in three at hats for Vinvl Disc.

Steve Paine tripled in three at bats to lead Sand Sierra's hitting attack.

Sand Sierra scored its only run of the game in the second inning to take a 1-0 lead, but the Vinvl Disc team scored three times in the fifth frame and held on for the vic-

In its only other game last week, Sand Sierra scored nine runs in the last two innings to defeat Fuller Masonry 10-6.

Al Alvarado and Mark Gritton both collected three singles for Sand Sierra. Don Fuller doubled twice and singled to lead Fuller Masonry's hitting.

IWV Swim Team members set 6 pool records

The Indian Wells Valley Swim Team set six pool records at the Lion's Club invitational swim meet held last Saturday at the Pinney Pool in Ridgecrest.

There were 17 pool records set during the meet that was entered by swimmers from the High Desert, Park Stockdale, Rio Bravo, Bishop, Tehachapi, Lake Side and the Aqua Aces swim teams.

Kevin Featherston of the IWV team set new marks in the 11- and 12-year-old-boys' 100-yd. individual medley (IM), 50-yd. backstroke and the 100-yd. freestyle events. The other record setters for the IWV team

were Erica Freeman in the 9- and 10-yearold girls' 100-yd. IM, Arun Jain in the 11- and 12-year-old boys' 50-yd. breaststroke and the 9- and 10-year-old girls' in the 200-yd.

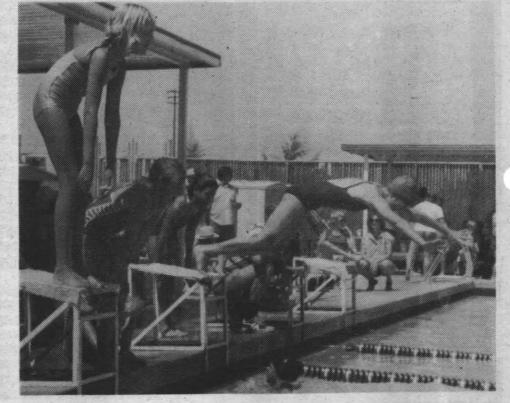
came in the IM when he swam a 1:11.4 which broke his own record of 1:14.7 set earlier this year. He also shaved a second off the old record in the 50-yd. backstroke by swimming the distance in 33.5 sec. and swam a 1:03.4 100-vd. freestyle to break the old mark of 1:08.5 that had stood since 1972.

Freeman set the first record of the day when she swam the 100-yd, medley in 1:25.86, which beat the old time of 1:26.6. She also teamed with Gail Fawkes, Karen Archuleta and Anabel Winkler to swim a 2:21.6200-vd. freestyle relay, which beat the old record by 5.3 sec.

The other IWV Pinney Pool record came when Jain bettered his old mark of 36.5 by swimming a 36.3 50-yd. breaststroke. Jain also teamed with Featherston, Eric Young and Jade Featherston for first place in the boys' 13- and 14-year-old 200-yd. medley

Barbara Archuleta took three first place finishes with times of 35.2, 35.2 and 29.59 sec. in the 11- and 12-year-old girls' 50-yd. butterfly, 50-yd. backstroke and 50-yd. freestyle events, respectively.

Will Freeman swam a 1:35.69 100-yd. IM



WAITING HER TURN — Andrea Duncan (foreground) of the High Desert Swim Team awaits her turn in the 9- and 10-year-old girls' freestyle relay at the Lion's Club invitational swim meet held Saturday at Pinney Pool, while Debbie Richter (hands on knees) yells encouragement to another team member.

and a 20.99 sec. 25-yd. backstroke for first boys' 50-yd. breaststroke in 34.9 sec. place finishes in the 7- and 8-year-old boys' category. In the 13- and 14-year-old boys' teams and garnered the top spot in the 6 group, Jade Featherston won the 100-yd. IM years and under girls' 25-yd. butterfly in and the 50-yd. freestyle events in 1:09.1 and 28.42 sec. She teamed with Paul 26.67 sec., respectively.

Other IWV first place finishers were Claudia Fettkether in the 15 years and up girls' 50-yd. backstroke (43.12) and the 50yd. freestyle (35.7); Bernard Jain in the 7and 8-year-old boys' 25-yd. breaststroke (21.5) and the 25-yd. butterfly (24.0); Karen Archuleta with a time of 41 sec. in the 9- and 10-year-old girls' 50-yd. butterfly and Eric Young, who swam the 13- and 14-year-old

Carrie Swinford placed first on two relay LaJeunesse, Nathan Walters and Tracev Smith to win the 6 years and under boys'

yd. mixed medley relay. Medals were awarded to first through third place winners, and swimmers who finished in fourth through 12th places received ribbons.

and girls' 100-yd. freestyle relay and the 100-

The next meet for the IWV Swim Team is the championship qualifying meet to be held on July 7 at Pinney Pool.

Dodgers, Yankees share lead in Little League Major Div.

The Dodgers and the Yankees won two games apiece last week to remain in a tie for first place in the Major Division of the China Lake Little League.

The Dodgers and the Yankees, who both have records of six wins and one loss, are scheduled to meet in the last regular game of the season to decide the second half

The Dodgers again used home run power to defeat their opponents. They defeated the Wildcats 7-5 and the Tigers 13-3.

Lee Mever homered and scored two runs to lead the Dodgers offensively against the Wildcats, while Allan Ball homered, singled, doubled twice and scored four runs for the Dodgers against the Tigers.

The Yankees downed the Tigers 19-5 and the Red Sox 14-6 as they chalked up two victories last week.

John Andrews doubled twice, singled and scored three runs to pace the Yankees' attack against the Tigers. Damon Riley added a triple, a single and two runs, and Vince Sherrick scored three times for the

Kyle Blecha led the Tigers with a triple, a single and two runs scored.

Danny Ray provided the big bat for the Yankees against the Red Sox by tripling doubling, singling and scoring two runs. The NWC O's closed to one-half game Andrews added a double, a single and also

> Teddy Setters doubled twice and scored one run for the Red Sox.

Bob Leitzel went 4-for-4 with a home run, In one other Major Division game, Setters homered, singled twice and scored three added two singles and a double for the NWC runs to lead the Red Sox over the Wildcats

In the Minor Division, the Cardinals became the first Inyokern team ever to win a division title in the China Lake Little League by defeating the Pirates 18-3 and tying the Royals 18-18.

(Continued on Page 7)



FLIGHT SIMULATOR CHECKED OUT — Hermie Harris, a computer technician in the System Development Deepartment's Avionics Divisions, gives some pointers to Anna Marie Bergens on the operation of the A-7 flight simulator during a tour of NWC that was arranged Monday for civic officials and community leaders from Ridgecrest. Ms. Bergens, a newly-elected member of the Ridgecrest City Council, was one of more than 20 participants in this program that also included presentations on test and evaluation facilities and capabilities at NWC, latest information on developments in the Coso geothermal area, and a look at the remotely piloted aircraft control facility at Armitage Airfield. Looking on in the background as this photo was snapped is Vet Payne, the Center's Public Affairs -Daily Independent photo by Rose Certini

APPRECIATION EXPRESSED - In

appreciation for the support given to

the Naval Weapons Center during his

term as mayor of the City of

Ridgecrest, Capt. William B. Haff,

NWC Commander, presents an NWC

plaque to Don Chieze. The presentation

took place during a luncheon for

visiting civic officials and community

leaders that was held Monday at the

Commissioned Officers' Mess.

Bluejacket . . . (Continued from Page 1)

He says that Millie is enjoying Navy life and the travel that it has involved in the nearly three years that he has been in the Navy. Both of them serve on the Navy Exchange Advisory Board, feeling that this is a board that actually accomplishes a great deal rather than merely being a sounding board for gripes and complaints.

Further schooling, hopefully resulting in a BSEE degree and a first class FCC license, figures strongly in ET3 Edwards' plans; he is now taking some Navy correspondence classes and plans to take more when he goes to sea.

For being selected as Bluejacket of the Month, ET3 Edwards will get a 96-hr. liberty and no duty status for 30 days. He will also receive an official letter of commendation signed by Capt. W. B. Haff, NWC Commander, and an NWC plaque with his name engraved on it.

In addition, his name will be displayed on the marquee at the traffic circle, and he will have a reserved parking space at the Enlisted Mess.

Successful test . . .

(Continued from Page 1) Explosive Ordnance Disposal Group for their assistance.

Fung also commented on the fine cooperation received from PMTC, Pt. Mugu, for its aircraft and pilot.

The Galileo Probe System development is under the management of the NASA Ames Research Center; Hughes Aircraft Co., of El Segundo, Calif., is the prime contractor for this system. The deceleration module is manufactured by General Electric Co., of Philadelphia, with the Pioneer Parachute Co., of Hartford, Conn., responsible for the parachute system.

Former NWC employee is now Deputy Chief of Naval Material

Weapons Center employee who held various division head assignments prior to leaving here in 1969 for the Naval Weapons Laboratory, predecessor of the Naval Surface Weapons Center (NSWC), recently was appointed to the newly created position of Deputy Chief of Naval Material.

ROCKETEER

The new Deputy Chief of Naval Material post coupled with the Chief of Naval Material and Vice Chief of Naval Material provide the top management team for the Naval Material Command (NAVMAT).

"I hope by this move that we are sending a message to everyone in the Naval Material Command that we are a team. We require team effort, working together," it was stressed by Admiral Alfred J. Whittle, Jr., Chief of Naval Material.

"This is the culmination of a year-long effort to improve our product-service to the Fleet. I look to Jim Colvard to provide corporate memory, and to provide stability in the top management of the Naval Material Command. He will serve as a civilian focal point of leadership, something we have not had in the past," Admiral Whittle said.

The Chief of Naval Material added that he

Registration still open for class in motorcycle safety

Registration is still being taken for a class in motorcycle safety that will be held tomorrow, starting at 8:30 a.m., at the Safety Building.

This course, which is offered for the benefit of NWC military and civilian personnel and their dependents who ride motorcycles on the Center, will continue on into the afternoon, following a mid-day break for lunch.

The class will consist of a skill course, films on motorcycle safety and a discussion covering safety riding tips and hazard recognition for both on-road and off-road motorcycle riders.

Release forms must be signed by parents or guardians of minors enrolled in this course. These forms may be obtained at the Safety Office, corner of Nimitz Ave. and Hussey Rd., during working hours, or can be signed tomorrow by a parent at the time the class is ready to start. Adults may sign their own release forms at the time of the

A release form is not required for military and civilian personnel employed at the Naval Weapons Center.

Up to 25 persons can be accommodated in this class. For further information, or to reserve a place in class, those interested are asked to contact the Safety Office by

James E. Colvard, a former Naval was impressed with Colvard's record at NSWC, especially with the planned rotation of key personnel into positions of leadership

Pursuing this theme, Colvard said he hopes to institute a more comprehensive and dynamic career pattern for civilians of which job mobility will be part.

"We do this now for our military personnel, and on an individual initiative basis civilians have participated in interorganizational movement to enhance their careers," Colvard said. "We need to make movement and enhanced career



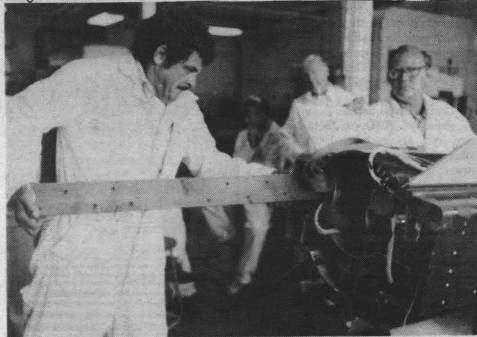
James E. Colvard

opportunity a more formal part of our career planning for civilians," he added, noting that civilians should be encouraged to seek the most responsible and critical assignments including those of project management and key staff positions.

Colvard began his Civil Service career here at NWC, where he served successively as head of the Digital Fire Control Program, the Range Operations Division, the Project Engineering Division, and the Countermeasures Division before transferring to the Naval Weapons Laboratory in Dahlgren, Va.

At Dahlgren, he was head of the Advanced Systems Department until 1971 and then, as part of NWL's rotational system, he became head of the Surface Warfare Department-a position he held until September 1972 when he was appointed Assistant Technical Director.

When Dahlgren was joined with the Naval Ordnance Laboratory, Silver Spring, Md., in 1974, Colvard became Technical Director of what is now the Naval Surface Weapons Center, with labs at Silver Spring and



GETTING IT TOGETHER — An important part of the Project Galileo test was packing the parachute into the test vehicle, as Billy Cole, an engineering technician in the Parachute Systems Department's Test Support, is doing. Looking on as this vital operation was in progress is Gene Bennett (at right), head of the -Parachute Systems Dept. photo Vehicle Build-up Shop.

by finishing the race in 2:01.8. open until 8:30 p.m. each Monday. Vinyl Disc upsets Fast Pitch Division leaders Led by the pitching and hitting of Jimmy Pizza Villa moved within one-half game of Taylor tripled and singled for the

Sand Sierra by downing the NWC Navy Marauders. previously undefeated Sand Sierra squad 3- squad and Fuller Masonry by scores of 11-5 and 9-8, respectively.

Ralph Stalnaker homered twice to provide the power for Pizza Villa against the NWC Navy Varsity. Andy Price added a double and a triple.

Against Fuller Masonry, Dale Evins clouted three home runs for Pizza Villa, while Price doubled and singled twice and Stalnaker hit a home run and a single. Mack Connell homered and singled twice in four at bats for Fuller Masonry.

Military Slow Pitch Division last week as the Sports Etc. Tide Riders scored 13 runs in the first two innings to blast the Marauders

went 3-for-3 with a home run and two singles to lead the Tide Riders' hitting attack. Kevin Bauer and Steve Gullion added two

hits apiece for the Tide Riders. Willy Moffitt hit two doubles, and Doug

RECORD SETTING RACE — Billy Hugo (center block), of the High Desert Swim

Team, jumps off the starting block to swim the first leg of the 11-and 12-year-old

boys' freestyle relay Saturday in the Lion's Club invitational swim meet. The team

of Hugo and Allan Ball, Jason Monks and Tim Bouse set a new Pinney Pool record

The first place team was also upset in the 15-5 in five innings.

Bert Gambardello, the winning pitcher,

- Photos by Ron Allen

The Marauders also posted a come-frombehind 18-17 victory over the Long Shot squad by scoring eight runs in the bottom half of the fifth inning.

Mike Hastings tripled and singled, and Barry Hileman and Tim Jung added two singles apiece for the Marauders. Rubin Gomez and Tony Garcia had three singles each for the Long Shot team.

behind the Marauders by downing the Tide Riders 11-8 and tying the Techs 'n' Rangers

a triple and two singles, and Tom Daniels O's. Gambardello, Jeff Johnson and Kevin Bauer each had two hits for the Tide Riders.

In the tie game with the Techs 'n' Rangers, Tom Mariner went 5-for-5 with four singles and a double to lead the NWC

(Continued on Page 7)

the most successful managers have a

combination of both masculine and

understanding toward their fellow workers.

"Seek the best masculine and feminine

Supply Dept. employees serve NWC in many ways

Center employee, both civilian and military, is directly affected by the smooth functioning of the NWC Supply Department, which furnishes all material from a paperclip to the most massive of machinery required to keep the Center operational.

In a large research and development organization some of these needs can be quite exotic.

All material that can't be processed from regular government supplies (with regulation stock numbers) falls under the cognizance of the Contracts Division (Code 252), headed by LCdr. M. E. Younker. He is assisted by a staff of about 65 people to effect necessary contract actions at NWC.

"Adequately serving our customers and the Center," says LCdr. Younker, "requires expertise in planning, execution, and contract administration. We work closely with the codes in putting together the requirements for a contract, assist with the award of contracts up to \$100,000—contracts over that amount are awarded off-Center-and help monitor contracts while they are in operation."

The Contract Management and Planning Branch (Code 2521) has contract specialists in technical areas to assist codes with preplanning and contracts preparation. All branch personnel are experts who have the



BIG WHEEL — AKAN Rusty Rivet sets an aircraft wheel on a rack for future

experience needed to provide various technical codes with acquisition advice.

The bulk of the actions in Code 252, however, takes place in the Purchase Branch (Code 2522) where more than 50,000 contract actions will be transacted this year. Stubs are processed for all purchases up to \$10,000 by buyers who have to determine a reasonable price, determine if a "sole source" purchase is in order, and who have to follow a myriad of other rules and

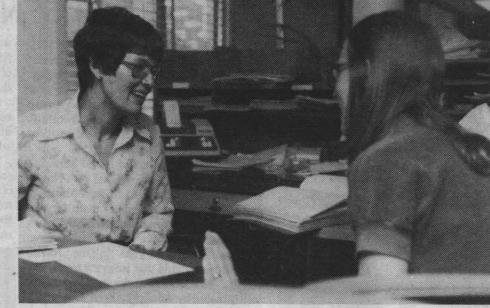
A separate stub is written for each item so that each can be better monitored. A computer program helps keep track of all the paperwork-a workload that has been experiencing an annual increase of 15 percent.

The Contract Negotiations Branch (Code 2525) issues all NWC contracts for purchases from \$10,000 to \$100,000. A large number of these contracts are "cost" type contracts because it is not always possible to define exactly what will be needed (especially in a services contract) in the R&D environment.

The Contract Administration Branch (Code 2523) monitors the Center's more than 700 contracts, of which about 60 are services contracts. The branch insures that the requirements of the contract are met and is responsible for initiating necessary modifications to all NWC contracts.

All material either arriving at or leaving NWC is processed by the Material Division (Code 259).

Add to that physical accountability for all the Center's stock inventory, and there's



JOB TALK — Contract discussions are a normal part of the job for Pat West (at left), purchasing agent, and Marietta Pritchard, Request Information Management System (RIMS) coordinator. - Photos by PHAN Doug Matthews

more than enough work for the approximately 60 wage grade and 15 general schedule personnel under Lt. John C. Messinger, the division head.

Centerites pushing a shopping cart through Warehouse 10 (the Sup-R-Mart) to pick up anything from a pencil to a form to a pipewrench are patronizing one of the facilities of the Storage and Retail Issue Branch (Code 2591).

So are the customers using Warehouse 42's material turn-in operation, the typewriter and equipment repair section, and custody storage where equipment can be stored that arrived before the group ordering it was ready for its use.

Automotive supplies will enable them to drive to yet another warehouse where they can get film issued from cold storage-or ice to cool either supplies or parched

Inventory of line items doubled and geographical storage areas for the Supply Department tripled when supplies that had been issued by the Public Works Department were transferred to the Supply Department, but the number of personnel did not increase proportionately. As a consequence, some customer service hours and some Telmart operations have had to be cut back.

Everything received from vendors physically goes through the hands of the Receiving Branch (Code 2592), where it is off-loaded, the paperwork is checked to determine that the type and quantity of material received are correct, and the material is not damaged. Items that match are immediately staged and delivered (or customers can pick them up); "frustrated freight"-those materials for which the paperwork doesn't match-is set aside, and usually is cleared within five working days.

The Receiving Branch also handles the imprest fund; this fund is usable only for



PREPARING TO UNLOAD - Gary Ziegler gets ready to unload the contents of the boxes he has received at the shipping and receiving area of Telmart.

very specific purposes to make quick

The Direct Supply Support Branch (Code 2593) manages pre-expended supply bins in 98 locations throughout the Center. These contain low-cost, high-use items needed in the field for immediate use by personnel in work areas away from supply warehouse.

The Traffic Branch (Code 2594) handles all incoming and outgoing household goods for military personnel as well as shipping a lot of the material that leaves the Center headed elsewhere. This branch has its own carpenter shop in the packing and crating section (to perform those functions), and the shipping section arranges for shipping as well as cutting the necessary bills of lading for shipments.

Aviation supplies fall under the congizance of the Aviation Supply Division (Code 258) under the direction of Lt. John

This division is responsible for all the consumables (like oil) and spare parts for the 43 aircraft maintained by the Center and Air Test and Evaluation Squadron Five VX-5), as well as the drone aircraft used by the Targets Division of the Aircraft Depart-

To "keep'em flying," someone from the Supply Support Center (Code 2582) is on duty from 6 a.m. until midnight daily, and a a lift to unload a box from a shelf in the

division's three warehouses, 3,700 are considered to be repairable. The division. therefore, also has to keep track of all items being repaired.

Responsiveness to customer needs is indicated by the fact that a group one item ordered will be in the hands of the customer within one hour; a group two item, within 2 hours; and a group three item, within 24

The Programs Management Brancl (Code 2583) handles requests for parts not available on the Center, ensures good delivery status, and completes followups on orders. An expediter stays on top of any orders that are keeping an aircraft from flying; this expediter might spend as much as five hours a day on the phone tracking requests or locating parts.

Lt. Martin meets with NWC and VX-5 officers and chief petty officers weekly to ensure that no problems arise. Also helping to keep smooth working relationships is a joint training program for aviation storekeepers carried on by Supply, the Aircraft Department, and VX-5 that enables personnel to get together to function smoothly and well with each other.

As Lt. Messinger states and his fellow division heads echo, "Supply's middle name should be service," and these three isions demonstrate that precept.



GETTING A LIFT - Mark Stoner uses

Energy-saving ideas, long standard in Europe, could help to ease problem here Americans who have been used to having Hot water in homes is heated close to sink

energy usage (and soaring utility bills) by heat only the amount actually needed. using energy-saving ideas that have long been standard in Europe.

Throughout Europe good public transportation systems are common. Indiv- water per bath. s do not have to use cars (whose gas bicycles, gaining improved health through exercise while saving money.

Modern large shopping centers in Vienna Introductory session on are built underground to take advantage of the insulating qualities of the earth (like the low energy structure concept being studied at NWC).

Public buildings such as hotels are also designed to conserve energy. Many of the newest hotels have windows that can be opened to limit use of forced-air air conditioning to just the hottest days. Many small hotels meter heat and hot water, and patrons have to feed the meter. Hotel halls are often lighted with just 15-watt bulbs, or lights switch on only for a half-minute at a time to permit patrons to find their rooms.

Energy use in homes is also carefully monitored. Lights are always turned off by the last person leaving a room. Houses are insulated - but still are kept at frigid temperatures by American standards. Europeans wear sweaters rather than turning

plentiful and cheap energy until the or shower so that no heat is lost in hot-water petrocrisis arose can learn how to trim their storage tanks, and efficient heating units Even bathtubs are built to be energy-

efficient. The tub is narrower at the foot than the head, saving several gallons of hot

tanks can cost up to \$50 to fill with gasoline seem small and insignificant, their cumat \$2.50 to \$3 a gallon). Commuters who like ulative effect is both large and worthto get to work by themselves are apt to ride while. As the cost of energy in the U. S. continues to climb, some of the European ideas may find increasing acceptance here.

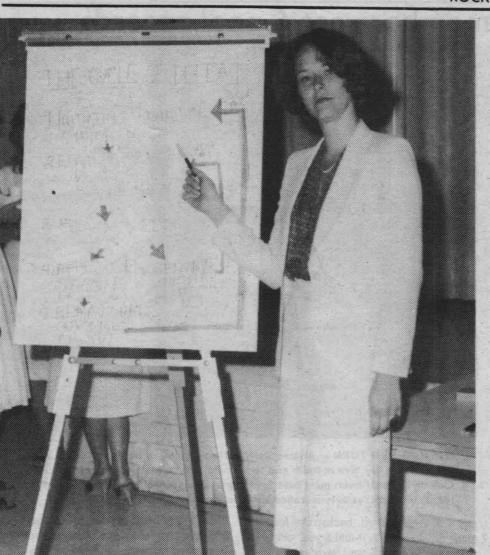
assertion training set

An introductory session on assertion training for those interested in learning more about assertion training techniques will be held tomorrow, from 10 a.m. to 12 noon in the Community Room of the Desert Counseling Clinic, 814 N. Norma St.,

This meeting, which is being sponsored by the Women's Center-High Desert, will be led by Darlene and Jerry Stein, who have extensive experience in assertion training

Those attending will be invited to discuss what type of follow-on sessions they would like, and when and where these sessions should be held.

All those who participate will be asked to make a small donation to defray the cost of renting the room at the DDC.



June 27, 1980

WORKSHOP SPEAKER — Kirsten Hinsdale covered a wide range of information during workshops that were a part of the Federal Women's Program Committee agenda on June 18. Ms. Hinsdale's comments ran the gamut from why women fail in various work situations to the cycle of success through which both women and men can achieve better results as workers and as managers.

Briefing slated on

Affirmative Action

Plan requirements

A briefing on new requirements for

complying with the Federal government's

Affirmative Action Plan will be presented

on Monday, from 12:30 to 3:30 p.m. in the

Sidewinder Rm. of the Community Center.

The speaker will be Richard Gallegos,

Affirmative Action officer for the Western

Regional office of the Equal Employment

The visit by Gallegos, who also will

consult with NWC's Equal Employment

Opportunity Office (EEO) staff on matters

relating to the local EEO program, is ex-

pected to be of benefit to Center managers

and supervisors due to new methods called

for in Affirmative Action planning based on

The Civil Service Reform Act of 1978

established in law, as the first merit prin-

ciple, that recruitment should be designed

to achieve a Federal workforce from all

Two matters prompted Congress to

mandate the implementation of Affirmative

Action Programs based on legal

requirements instead of voluntary actions.

First, Congress expressed concern about

the serious underrepresentation and ex-

areas, agencies, regions, and grade levels.

Affirmative Action Program, including the

own Federal Equal Opportunity Recruit-

receive three hours of EEO training credit.

Non-supervisory employees who wish to

receive training credit for attending must

complete a copy of the Cumulative Record

of Training Form (NAVEXOS 2328A).

to select new Federal employees.

Civil Service rules and procedure.

changes to EEO laws and regulations.

Opportunity Commission

segments of society.

barrier analysis.

Members of IWV Search, Rescue Team brush up on helicopter use techniques

Tuning up for the busy summer season, the Indian Wells Valley Search and Rescue Team held its annual helicopter practice at the Armitage Airfield Cold Line and at B

The 19 team members at the 3-hour practice were briefed on helicopter safety, the handling of helicopter equipment and hand signals by LCdr. Byron Dieckman, ABE2 Terry Berg and AT1 Richard Holmes, the helicopter crew chief.

Following the briefing, the team members were airlifted to various sites on B Mt., where they were dropped off and picked up. This gave the team members a chance to techniques and hand signals.

The practice also gave the team members a chance to meet and discuss procedures

The Search and Rescue Team, which participates in most of the surface and underground rescue missions in Kern County, is involved in increased activity during the summer months, according to

Fred Camphausen, Black Team leader. "In the summer there is more outdoor recreation going on," Camphausen said. "As a result, we have more cases of dirt bike riders falling into open mine shafts and hikers getting lost in the local mountains than in the winter."

Because of the increased activity at this time of year, Camphausen stressed the importance of the members' attendance at practice their helicopter entry and exit the practices, which are held twice mon-

"I was pleased to see so many team members out for the practice," Camwith the aircrews who will be on board the phausen said. "We can't operate unhelicopters during an actual rescue derground with only part of the whole team knowing what it's doing."

Varied subjects aired at Fed'l Women's Day workshops, lunch

The Federal Women's Day programs held Through research that she conducted for on Wednesday, June 18, were an unqualified the Office of Naval Research she found that

More than a hundred men and women attended each of the two workshops confeminine traits - that they have a spirit of ducted by Kirsten Hinsdale and Mary Ellen competitiveness, but that they have also Mead, and nearly 150 attendees at the lunch built "support networks," that they commeeting heard Karen Altieri speak about bine aggressiveness with warmth and "Judicious Risk Taking."

Ms. Altieri, the Center's Professional Recruitment Coordinator, told an attentive traits and combine them to succeed," she audience that the art of judicious risk- counseled those who attended the workshop. taking separates those who are successful "The best manager is one who has a from those who fail because taking risks is a combination of about two-thirds of the traits personal decision based on personal values.

Risks can be minimized, she said, by preparation, by training, and by being sure that the potential gain is worth the risk taken. By being willing to accept and live with the consequences of a decision and to accept failure if it occurs, an individual can grow and develop. Even mistakes can be valuable, she added, if one can learn from

"You can do anything you really want to do," Ms. Altieri told the group, "if you are willing to take judicious risks because they can open the doors to career growth."

Ms. Hinsdale, principal investigator for Research and Development for Validated Instruction Associates, Inc., of Albion, Mich., told men and women attending the morning workshops why working women fail, and, more importantly, how they (and men also) can achieve greater success as workers and as managers.

INTRODUCTIONS - Belle Hervey, Federal Women's Program manager, introduces Karen Altieri at the lunch session of the Federal Women's Day Program held last week. Mrs. Altieri, NWC Professional Recruitment Coordinator, spoke about "Judicious Risk Taking."

that are stereotyped as being male and about one-third of those stereotypically

Ms. Mead, who is an account executive with Merrill Lynch, noted that there is no mystique to investing.

"An investment," she said, "is like any other purchase except that you are using today's money to buy tomorrow's money rather than to buy a product."

She defined investment terms and listed pertinent questions that any investor should ask before deciding upon an investment

These questions included such things as

whether long- or short-term gains were being sought, whether tax-exempt bonds (municipals) really were a good purchase considering trade-offs between lowered taxes and a lower rate of return, and whether in today's marketplace real estate was still a worthwhile investment.

New semester to start Aug. 18 at Cerro Coso College

Raymond McCue, president of Cerro Coso Community College, recently announced a change in the academic calendar for the 1980 fall semester.

The first day of classes for the upcoming semester will be Aug. 18, and the semester will end Dec. 19.

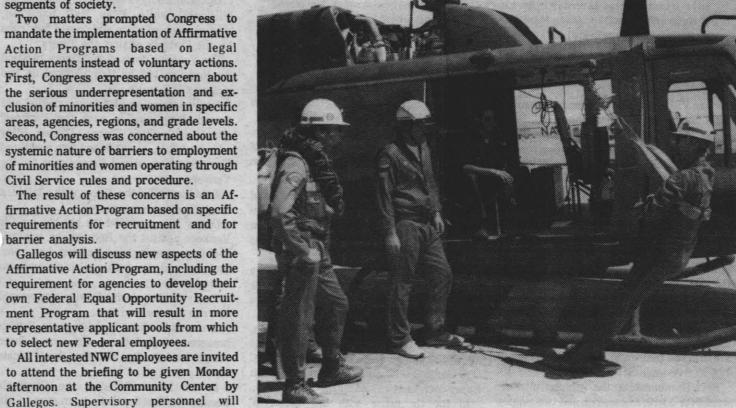
"A change in the academic calendar was made after careful evaluation of the community needs," said Joann Williams, of the Cerro Coso College news bureau. "The change will thus better serve and accommodate those needs."

Priority registration for continuing students, those who were enrolled in at least one semester at the college during the last school year, will be held on Aug. 13 from 1 to

Open registration for all students is scheduled from 1 to 6 p.m. on Aug. 14 and 15

in the office of admissions and records. There is no tuition charged to California residents taking Cerro Coso Community College classes.

Call the college at 375-5001 for any information on career planning, counseling, veterans benefits or financial aid.



LEARNING THE ROPES — Charlie Rodgers (far r.), Indian Wells Valley Search and Rescue Team captain, learns how to use the "horse collar" hoist during a recent practice at the Armitage Airfield Cold Line as Fred Camphausen, Jerry Gentry and AD3 Paul Popolizio look on. The "horse collar" hoist is used to lift victims and team members from the scene of an accident into a helicopter.