



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.



Widely varied youth activities planned in July

A youth fair featuring a live band highlights a full schedule of events slated during July for young people by the Recreation 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 Linstead 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 Center.

Bernadette Namauleg, assistant community services director, will supervise the tournament, which features giant slalom and downhill freestyle competition. There is a \$1 entry fee, and participants may show up at 9:30 a.m. to practice.

Ms. Namauleg also will be in charge of a fishing trip to Whitney Portals. Participants in this outing will meet at 7:30 a.m. on July 17 at the Recreation Coordination Office parking lot.

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 July 11 and 18.

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-year-old 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 couple.

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 goods and passes to the bowling alley, indoor swimming pool and the skating rink.

The Recreation Services Department

MOVIES

REGULAR STARTING TIME—7 P.M.

FRI., SAT., SUN., MON. JUNE 27, 28, 29, 30
"STAR TREK THE MOTION PICTURE"
Starring
William Shatner and Leonard Nimoy
(Adventure-drama, rated G, 134 min.)

WEDNESDAY JULY 2
"THE APPLE DUMPLING GANG RIDES AGAIN"
Starring
Don Knotts and Tim Conway
(Comedy, rated G, 85 min.)
2 p.m. Matinee
"THE ONION FIELD"
Starring
John Savage and James Wood
(Drama, rated R, 126 min.)

FRIDAY JULY 4
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 Officers' Mess.

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 Employees' 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 person.

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 flag-raising 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 at 5:30.

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 Drive.

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 same amount.

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 tickets.

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," Koelsch said. "The museum is beneficial, and it shows promise."

★ U.S. Government Printing Office: 1980—No. 1032

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.

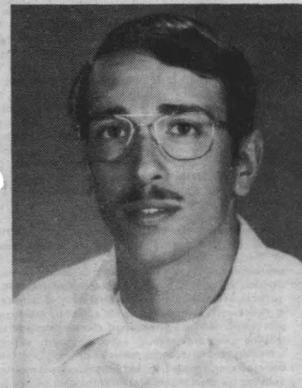
Due to the conflicting July 4 weekend and the scheduling of the Western Amateur Astronomers' convention in Tucson, Ariz., the meeting will be held on Monday, June 30, at 7:30 p.m. at the Society's hut, 401-A McIntire St., China Lake.

NWC Bluejacket 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-month-old baby Patti ("a very sweet baby," he says proudly).

ET3 Edwards was born in Centerville, Iowa, and grew up in Victor, Iowa. He was graduated from high school in Brighton, Colo., where he met Millie.

Due to holiday, Monday deadline set by Rocketeer

Because of the July 4 holiday next 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.



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Success reported

Parachute system for use in probing Planet Jupiter atmosphere tested here

The first successful test of a parachute 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 behave in it.

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

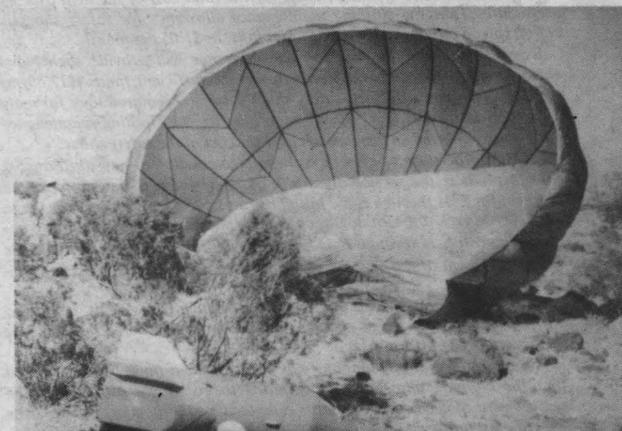
As Galileo approaches Jupiter, it will split into two parts: the atmospheric probe and a carrier. The atmospheric probe will settle through the atmosphere toward the planet's surface, its progress slowed by use of a parachute to permit a longer time for gathering data that will be relayed to earth by 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 0.69.

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.

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 1.05.

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 is used in designing the recovery system. The recovery parachute was modified in-house.

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)

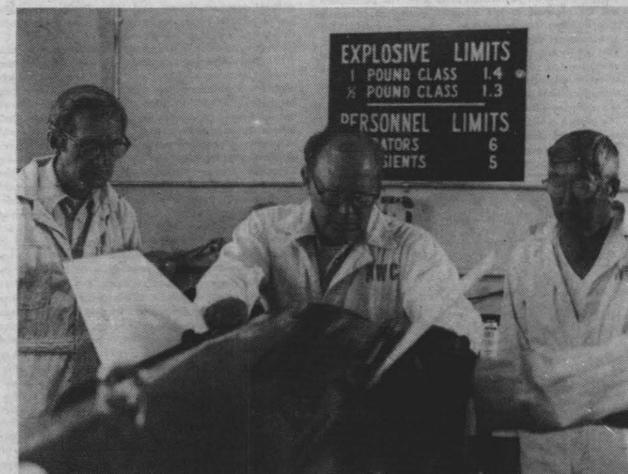
Fireworks are hazardous; use banned at NWC

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 expected.

The NWC Fire Division reminds everyone that, in accordance with NAVWPNCENIN11320.4, the use of fireworks within the boundaries of the Naval Weapons Center is strictly forbidden.

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.

From: _____

To: _____

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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.

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.

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.

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.

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.

Arrange now for school physical exams

Appointments can now be made for physical examinations of youngsters who will be entering kindergarten or the first grade when the new school year begins in September.

In the case of dependents of military personnel, such exams are being handled at 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.

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 meeting on Thursday, July 3, at 65-B Halsey St., China Lake. The meeting will begin at 7:30 p.m.

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

The Rocketeer

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

News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified.



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.

Announcement No. 89-KLC Painter, WG-1102-9, JD No. 202N, Code 2442 - (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.

Announcement No. 93-061, Secretary (Typing), GS-318-37, PD No. 890624N, Code 93T - This is an intermittent (WAE) position. This position supports the Air Weapons Technology Program Office and the ADP Resources Manager.

Announcement No. 94081, Test Scheduler, GS-301-11, PD No. 8906014N, Code 0433 - This position is that of head, Test and Airspace Scheduling Office and is located in the Projects Office of the Test and Evaluation Directorate.

occupied position and classification at that level. Job 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.

Announcement 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.

(Continued on Page 7)

Training classes

To enroll in the following classes students should submit NWC Training Request and Authorization Form 12410 73, via department channels, to reach Code 094 before the deadline listed.

NWC Mini-Clerical; July 9-11, 8 a.m. to 4 p.m., Instructor: Lanelle Thompson. Cal-State Chico Class, CSC1 250 Compiler Theory (3), Prerequisite: CSC1 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.



DIVINE SERVICES

Table listing various religious services including Protestant, Ecumenical, Roman Catholic, Confessions, Religious Education Classes, and Jewish Services with dates and times.

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 first place National Division team, put an end to the SCOE Astros' 6-game winning streak by defeating them 26-10 last week.

The Dairyemen 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 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 Dairyemen handed Pizza Villa a 10-6 loss. Stalnaker hit two triples and Al Chieze doubled twice for Mather's Dairy Service.

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 one-half 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, ARCUS 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 Dairyemen 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 Intramural Softball League

Standings as of June 19: Table showing team names (Sand Sierra, Pizza Villa, etc.) and their wins/losses in various divisions.

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.

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.

The White Sox edged the Royals 12-11, and the Pirates nipped the White Sox 16-12 in other Minor Division contests played last week.

In the Farm Division, the Cubs finished the second half of play with a six win, no loss record by defeating the Angels 10-4 and the Padres 16-8.

The Cubs, who also won the first half championship, were led offensively in the victory over the Angels by Don Ashton, who tripled, singled twice and scored three runs.

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 each.

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

Navy Night at Sea World slated July 4

Tickets are now on sale at 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 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 playground.

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.

Announcement No. 33-001, Administrative Officer, GS-341-11, PD No. 8033065E, Code 33002 - This position is located in the Phoenix Ordnance Components Technical Office. Fuzze Systems Division, direction and management of this position is designated as business manager for AIM-54, Phoenix Missile Fuzing Systems Program.

Announcement No. 35002, Secretary (Typing), GS-318-3/4, PD No. 7925122M, Code 3544 - This is a part-time position for 20 hours week/4 hours per day. This position is located in the Signal Exploitation Branch, Microwave Development Division, Electronic Warfare Department.

Announcement No. 35002, Secretary (Typing), GS-318-3/4, PD No. 7925122M, Code 3544 - This is a part-time position for 20 hours week/4 hours per day. This position is located in the Signal Exploitation Branch, Microwave Development Division, Electronic Warfare Department.

knowledge of English grammar, spelling and punctuation for correcting obvious errors in material being typed.

Announcement No. 35003, Supervisory Electronics Engineer, GS-455-13, PD No. 7925072E, Code 3525 - Incumbent will be the head of the Electromagnetic Compatibility Section, Systems Design Branch, RF Development Division of the Electronics Warfare Department.

Announcement No. 367, Model Maker, WG-4714-14, JD No. 418N, Code 3641 (3 vacancies) - There are three positions in the Experimental Model Shop Branch, Engineering Prototype Division, Engineering Department.

Upward Mobility Program Register Upward mobility registers are utilized to fill administrative/technical/trades and craft positions which are established or become vacant in grades GS-1 through GS-9 and their trades/craft equivalent (WG-1 through WG-9) with the exception of professional positions requiring a positive educational requirement.

Job Relevant Criteria: Ability to express oneself orally; ability to express oneself in writing; ability to interpret and explain instructions and procedures; ability to analyze analytically; ability to work with others; flexibility/adaptability; dependability; ability to work independently; and interest in electronics (only used for electronics technician positions).

Employees who were assessed in the August '79 and January '80 assessment need not re-apply. They 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 must attend an orientation on July 16 or July 23 from 9:30 to 11:30 a.m. at the Community Center.

assembly of research and development prototype models. Requires ability to establish job requirements and procedures for a variety of trades to follow in completing projects. Job Relevant Criteria: Ability to independently 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 hand and machine tools; ability to use measuring devices; knowledge of physical and functional characteristics of equipment and components and tools of the trade.

Announcement No. 62003, Interdisciplinary level IV position, (GS-841), Supervisory Electronics Engineer (GS-830), Supervisory Mechanical Engineer (GS-830), Supervisory Mathematician (GS-1200), Supervisory Physicist (GS-1310), PD No. 8042016E, Code 62A - This position is to be filled under the Naval Weapons Center's Demonstration Project - It is a Level IV Scientific and Engineering position. This position serves as Associate Department Head, Range Department.

Job Relevant Criteria: Ability to express oneself orally; ability to express oneself in writing; ability to interpret and explain instructions and procedures; ability to analyze analytically; ability to work with others; flexibility/adaptability; dependability; ability to work independently; and interest in electronics (only used for electronics technician positions).

Operations Clerk, AS-0301-3, \$3.84 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; require substantial knowledge of operations, functions and accurate financial records; maintain 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 for employees assigned; assign mark-up prices on merchandise; submit billing information to bookkeeping collection; maintain current information on bulletin boards; sort and distribute mail, other duties as assigned.

Qualification Requirements: Must be deft, courteous, present self well, both in appearance and speech; able to maintain, 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 Betty Cheatham, Recreational Services Department, Bldg. 21, Ph. 3387.



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 TOURNAMENT
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 was published in the May 20 issue of The ROCKETEER concerning the charge that is made for 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 open until 8:30 p.m. each Monday.

Vinyl Disc upsets Fast Pitch Division leaders

Led by the pitching and hitting of Jimmy Knott, the Vinyl Disc team upset the previously undefeated Sand Sierra squad 3-1 last week in the Men's Fast Pitch Division of the China Lake Intramural Softball League.

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 bats for Vinyl 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 Vinyl Disc team scored three times in the fifth frame and held on for the victory.

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-year-old 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. freestyle relay.

Featherston's first record of the day 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-yd. 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 2:21.6 200-yd. 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 relay.

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 place finishes in the 7- and 8-year-old boys' category. In the 13- and 14-year-old boys' group, Jade Featherston won the 100-yd. IM and the 50-yd. freestyle events in 1:09.1 and 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 50-yd. freestyle (35.7); Bernard Jain in the 7- and 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

boys' 50-yd. breaststroke in 34.9 sec.

Carrie Swinford placed first on two relay teams and garnered the top spot in the 6 years and under girls' 25-yd. butterfly in 28.42 sec. She teamed with Paul LaJeunesse, Nathan Walters and Tracey Smith to win the 6 years and under boys' and girls' 100-yd. freestyle relay and the 100-yd. mixed medley relay.

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

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 championship.

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

Lee Meyer 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 Yankees.

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. Andrews added a double, a single and also scored twice.

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

In one other Major Division game, Setters homered, singled twice and scored three runs to lead the Red Sox over the Wildcats 11-5.

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)

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Former NWC employee is now Deputy Chief of Naval Material

James E. Colvard, a former Naval 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.

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 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 class.

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 calling NWC ext. 2367.

was impressed with Colvard's record at NSWC, especially with the planned rotation of key personnel into positions of leadership there.

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 inter-organizational 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.

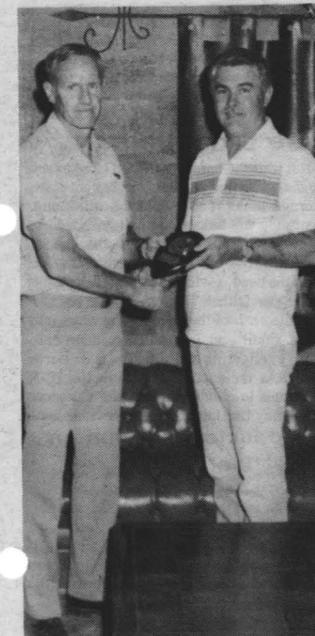
Colvard began his Civil Service career here at NWC, where he served successively as head of the Digital Fire Control Program, the Range Operations Division, the Project Engineering Division, and the Countermeasures Division before transferring to the Naval Weapons Laboratory in Dahlgren, Va.

At Dahlgren, he was head of the Advanced Systems Department until 1971 and then, as part of NWC'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 Dahlgren.



FLIGHT SIMULATOR CHECKED OUT — Hermie Harris, a computer technician in the System Development Department'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 Officer. —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.

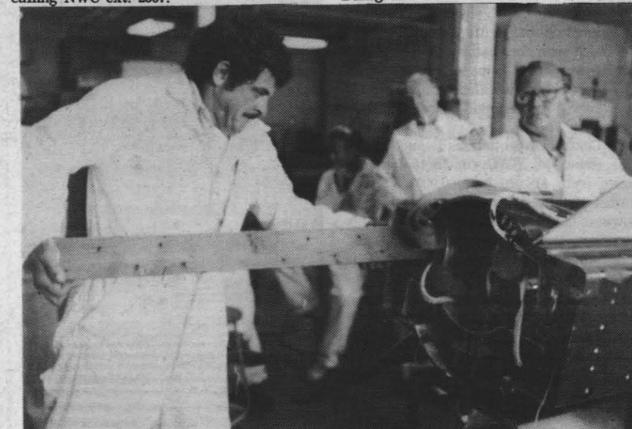
Successful test . . .

(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.



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 Vehicle Build-up Shop. —Parachute Systems Dept. photo

Supply Dept. employees serve NWC in many ways

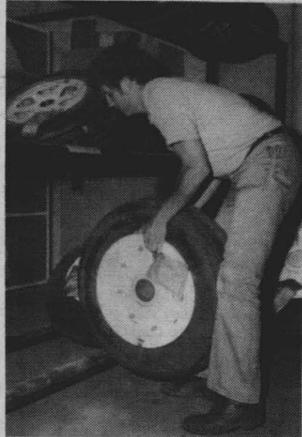
The efficiency of each Naval Weapons Center employee, both civilian and military, is directly affected by the smooth functioning of the NWC Supply Department, which furnishes all material from a paperclip to the most massive of machinery required to keep the Center operational.

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 — AKA Rusty Rivet sets an aircraft wheel on a rack for future use.

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 regulations.

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 throats.

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.

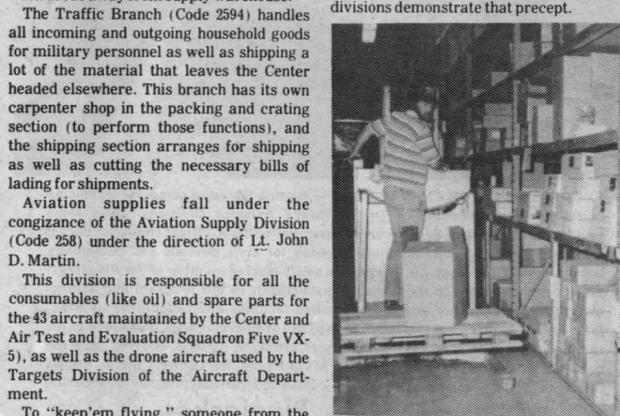
Of the 5,000 line items on hand in the division's three warehouses, 3,700 are considered to be repairable. The division, therefore, also has to keep track of all items being repaired.

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 hours.

The Programs Management Branch (Code 2583) handles requests for parts not available on the Center, ensures good delivery status, and completes followups on orders. An expeditor stays on top of any orders that are keeping an aircraft from flying; this expeditor 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 all 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 divisions demonstrate that precept.



GETTING A LIFT — Mark Stoner uses a lift to unload a box from a shelf in the Telmart shipping and receiving area.

Energy-saving ideas, long standard in Europe, could help to ease problem here

Americans who have been used to having plentiful and cheap energy until the petrocrisis arose can learn how to trim their energy usage (and soaring utility bills) by using energy-saving ideas that have long been standard in Europe.

Throughout Europe good public transportation systems are common. Individuals do not have to use cars (whose gas tanks can cost up to \$50 to fill with gasoline at \$2.50 to \$3 a gallon). Commuters who like to get to work by themselves are apt to ride bicycles, gaining improved health through exercise while saving money.

Modern large shopping centers in Vienna 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 on heaters.



GETTING A LIFT — Mark Stoner uses a lift to unload a box from a shelf in the Telmart shipping and receiving area.

Hot water in homes is heated close to sink or shower so that no heat is lost in hot-water storage tanks, and efficient heating units heat only the amount actually needed.

Even bathtubs are built to be energy-efficient. The tub is narrower at the foot than the head, saving several gallons of hot water per bath.

While each of these energy savings may seem small and insignificant, their cumulative effect is both large and worthwhile. As the cost of energy in the U. S. continues to climb, some of the European ideas may find increasing acceptance here.

Introductory session on 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., Ridgecrest.

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 techniques.

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.

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

The Federal Women's Day programs held on Wednesday, June 18, were an unqualified success.

More than a hundred men and women attended each of the two workshops conducted by Kirsten Hinsdale and Mary Ellen Mead, and nearly 150 attendees at the lunch meeting heard Karen Altieri speak about "Judicious Risk Taking."

Ms. Altieri, the Center's Professional Recruitment Coordinator, told an attentive audience that the art of judicious risk-taking separates those who are successful from those who fail because taking risks is a 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 them.

"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.

Through research that she conducted for the Office of Naval Research she found that the most successful managers have a combination of both masculine and feminine traits — that they have a spirit of competitiveness, but that they have also built "support networks," that they combine aggressiveness with warmth and understanding toward their fellow workers. "Seek the best masculine and feminine traits and combine them to succeed," she counseled those who attended the workshop. "The best manager is one who has a combination of about two-thirds of the traits



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 female."

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 strategy.

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.

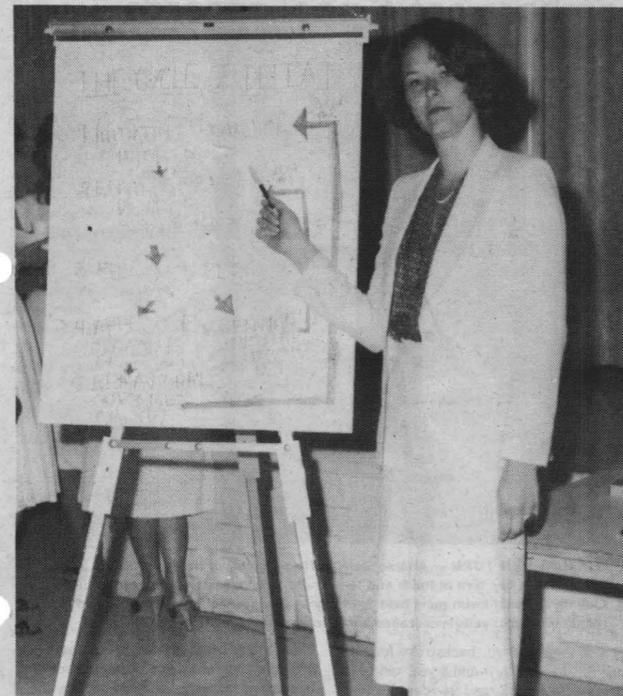
"A change in the academic calendar was made after careful evaluation of the community needs," said Joann Williams, of the Cerro Coso College news bureau. "The change will thus better serve and accommodate those needs."

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 6 p.m.

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.



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 Opportunity Commission.

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 expected to be of benefit to Center managers and supervisors due to new methods called for in Affirmative Action planning based on changes to EEO laws and regulations.

The Civil Service Reform Act of 1978 established in law, as the first merit principle, that recruitment should be designed to achieve a Federal workforce from all segments of society.

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 exclusion of minorities and women in specific areas, agencies, regions, and grade levels. Second, Congress was concerned about the systemic nature of barriers to employment of minorities and women operating through Civil Service rules and procedure.

The result of these concerns is an Affirmative Action Program based on specific requirements for recruitment and for barrier analysis.

Gallegos will discuss new aspects of the Affirmative Action Program, including the requirement for agencies to develop their own Federal Equal Opportunity Recruitment Program that will result in more representative applicant pools from which to select new Federal employees.

All interested NWC employees are invited to attend the briefing to be given Monday afternoon at the Community Center by Gallegos. Supervisory personnel will 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).

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 Mt. recently.

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 Dickman, ABE2 Terry Berg and ATI 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 practice their helicopter entry and exit techniques and hand signals.

The practice also gave the team members a chance to meet and discuss procedures with the aircrews who will be on board the helicopters during an actual rescue mission.



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.