

HAIR TODAY, GONE TOMORROW — Three Navy petty officers assigned to the emergency room of the Navy Regional Medical Center's Branch Medical Clinic at China Lake recently became charter members of a self-proclaimed "Bald Is Beautiful Club" by having their heads shaved.

### WACOM members prepare for spring fashion show April 7

Members of WACOM are busily preparing for this year's spring fashion show to be held on Tuesday, April 7, at the Commissioned Officers' Mess. This show allows members and their guests a first-hand opportunity to view the new collection of spring dresses offered by local merchants.

### Workshop in Human Relations offered at Training Center

Prejudice and discrimination are the subjects of the Human Relations Workshop, a 20-hour course that will be offered at the Training Center next month.



PREVIEW — Gerry Mauro models a tan cocktail dress from Sharon's Boutique, one of many of the new spring fashions that will be shown at the annual WACOM fashion show.

### Sweet Adelines to take part in chorus competition at Fresno

The Singing Sands Chapter of Sweet Adelines, Inc., will be travelling to Fresno this weekend to participate in the 1981 Convention of Region 11 Chorus Competition.

Local members planning to participate in the competition are Jan Arisman; Kathy Armstrong; Alma Barber; Beth Ann Culmone; Ruth deRoulet; Helen Estell; secretary; Helen Ferguson; Vonnie Goss; Eleanor Hartwig, director; Nicki Haven, president; Vivian Heckman; Linda Hislop; Mary Hoyt; Lynn Johns; Hazel Johnson; Georgia Klassen, vice president; Helen McCall; Joan Renner; Carol Sakai; Betty Turner; and Vursa Van Buskirk, treasurer.

The Sweet Adelines accept invitations to perform at many local functions throughout the year. Anyone wishing to join Sweet Adelines should contact Georgia Klassen by calling 375-7616 or join the chorus at the rehearsals every Wednesday evening at 7 o'clock in the Las Flores School auditorium.

### Desert Community orchestra concert set Monday night

The Cerro Coso Community College/Desert Community Orchestra will perform a concert of orchestral music at the college lecture center at 7:30 p.m. on Monday.

The concert will start with the stirring "Light Cavalry" overture by Franz Von Suppe. Haydn's Symphony No. 94, the "Surprise" Symphony, will be the classical offering on the program.

Al Turriciano, chairman of the Cerro Coso Community College Music Department, will conduct the orchestra at this performance.

The Desert Community Orchestra was formed locally more than 20 years ago, and has presented four or more concerts each year since. Rehearsals are held on Monday evenings at Cerro Coso College.

### Entry deadline is Tues. for photography contest

Recreational Services will sponsor entries for the National Industrial Recreation Association photography contest to be held in St. Louis, Mo., on April 24.

MOVIES
(FI) ALL AGES ADMITTED
(G) ALL AGES ADMITTED
(PG) PARENTAL GUIDANCE SUGGESTED
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
Regular starting time—7 p.m.
FRIDAY, SUNDAY MARCH 27, 29
"AIRPLANE"
Starring Robert Hayes and Julie Hagerty
SATURDAY, MONDAY MARCH 28, 30
"THE FIRST DEADLY SIN"
Starring Frank Sinatra and Faye Dunaway
WEDNESDAY APRIL 1
"THE MAN WITH BOGART'S FACE"
Starring Robert Sacchi and Frank Nero
FRIDAY APRIL 3
"IT'S MY TURN"
Starring Jill Clayburn and Michael Douglas

### Museum-sponsored lecture scheduled about wildflowers

A Maturango Museum-sponsored lecture on the subject of "Wildflowers" will be held next Wednesday, April 1, starting at 7:30 p.m. at the Richmond Elementary School auditorium in Ridgecrest.

At the present time, Miller is an independent consultant on the subject of gun-fired ammunition.

### CPOs to celebrate at annual ball Sat. night

The Chief Petty Officers' Club will present its annual CPO Ball tomorrow night, beginning with a social hour at 6 and a prime rib dinner at 7.

Music, provided by "The Message," will begin at 9 p.m. and continue through 1 a.m.

All active duty and retired Navy chiefs, grades E7 through E9, and their guests, are eligible to attend.

Those who have not yet purchased their tickets can still do so by calling the CPO Club manager at NWC ext. 3633.

### Trades Council meeting

The Indian Wells Valley Metal Trades Council will hold its next regular monthly meeting on Thursday, April 2, at 65-B Halsey Ave., China Lake, starting at 7:30 p.m.

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

From: \_\_\_\_\_ PLACE STAMP HERE
To: \_\_\_\_\_

nwc rocketeer
NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA
INSIDE...
Secretary's Day Planned... 2
Search, Rescue Drill Held... 3
EEO Award Nominees Named... 4
Kindergarten Registration Set... 5
Sports... 6
Spring Fashion Show Slated... 8

### 'Copter takes part in search for plane missing in Sierras

A Navy search and rescue UH1N helicopter from Armitage Airfield responded Sunday morning to a request from the Civil Air Patrol at Bishop to join in the effort to find a Cessna 210 aircraft reported missing following a Thursday afternoon takeoff from the Mammoth Lakes airport.

The Navy helicopter broke away from a large-scale Kern County search and rescue practice operation in the Black Mountains (southwest of Ridgecrest) when the call for help was received at around 8:30 a.m.

Pilot and co-pilot on the search mission were Lt. Cdr. Chip Lancaster and Lt. Dennis Wilcox, who were accompanied by crewmembers AD1 Gordon Draper, AM-SAN Mike Clenney and HM3 Mike Hozey.

According to Lt. Wilcox, their part in the search effort was a close look at the Rock Creek Canyon area and other places between there and the vicinity of Mammoth Lakes. Total flight time spent in an unsuccessful search for the missing aircraft was about 4 1/2 hours.

There was clear visibility for the search, but 3 1/2 ft. of fresh snow had fallen between the time the aircraft was reported missing and the time on Sunday that assistance of a Navy SAR helicopter was requested.

Chances of finding the aircraft in the snow were severely limited as well due to the fact



SAFETY HAZARD — Neither the automobile nor the burro survived a collision that occurred on March 18 on California State Highway 178 just a few yards from the Naval Weapons Center's boundaries. The burro wandered onto the road at 11:15 p.m. The driver was unable to see the animal in time to take evasive action but fortunately received only minor injuries.

### Tech Director Award given for work on improved anti-radiation antenna system

Last week, three employees in the Electronic Warfare Department were recipients of the NWC Technical Director's Award. They are Joseph A. Mosko, Allen C. Remell, and Frank J. Schiavone.

All three are employed in Code 35's RF Development Division. Mosko, an electronics engineer, is the division's microwave component consultant; Remell, a mechanical engineer, works in the Advanced Technology Branch; and Schiavone, an electronics engineer, is assigned to the Avionics Branch.

While presenting the Technical Director's Award to these three men during the regular weekly Commander's meeting, Bob Hillyer noted that there is an area of work on components that goes on around NWC (usually with little fanfare) that greatly affects the future design of missiles and weapons systems.

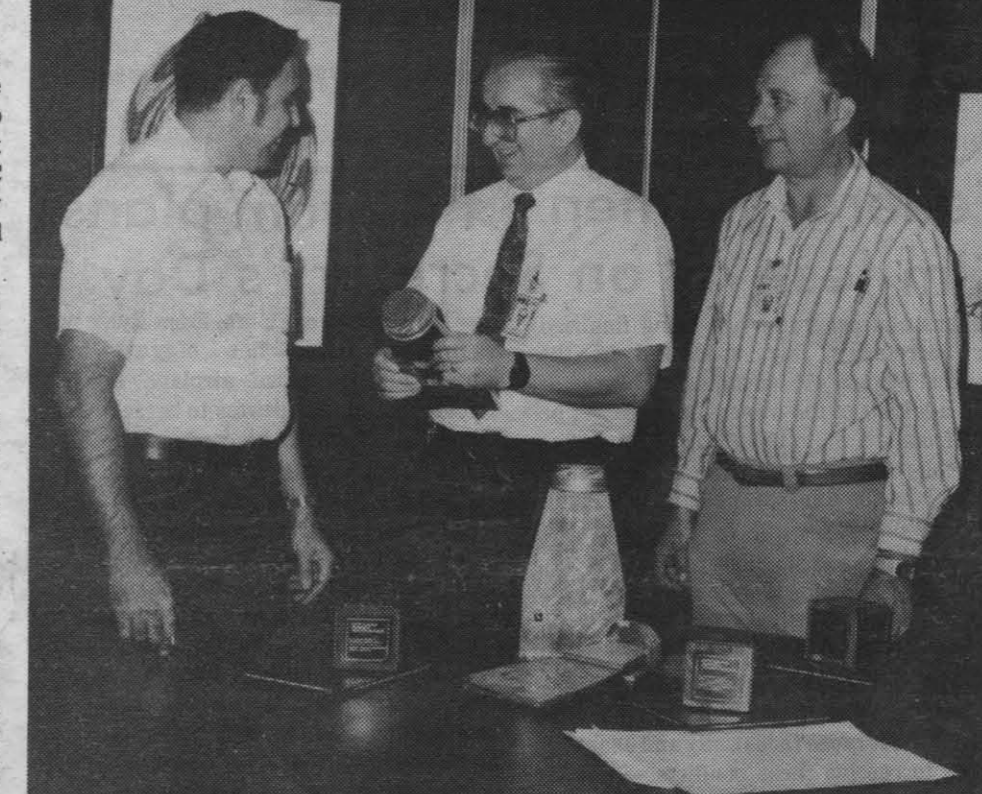
In this particular case, the Technical Director added, the result has been a major contribution to the increased accuracy that is required of broad bandwidth anti-radiation antenna-receiver systems. This design allows easier fabrication, is less expensive and provides better phasing.

In addition to a letter of commendation from the NWC Technical Director, Mosko, Remell and Schiavone each received an

engraved paperweight and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

At this time, Corzine pointed out, threat

radar systems operate in bands ranging from 5 meters all the way down to millimeter wavelengths — a frequency span of 10 octaves. In order to be able to process these signals and establish direction finding information that will enable a missile to home on these signals, it has been necessary to impose very critical requirements on antennas, antenna feed circuits, microwave receiver mixers, and other receiver components.



EXPERTISE ACKNOWLEDGED — A working prototype model of the microwave seeker for the Anti-Radiation Projectile (ARP) antenna systems' seeker is displayed by (l.-r.) Frank J. Schiavone, Joseph A. Mosko, and Allen C. Remell. These three men received the NWC Technical Director's Award for improvements that have resulted from their combined effort on this component of the ARP.

### Second emergency wild burro reduction program conducted

A second emergency burro reduction program was completed last weekend at the Naval Weapons Center to lessen the strong possibility of a burro and aircraft collision on the Center's aircraft runways.

Some 267 burros were destroyed in a quick and humane manner by a three-man team of civilian marksmen under the technical supervision of a Navy civilian natural resources specialist.

Despite the first emergency reduction of 381 burros, conducted on March 7 and 8, a significant number of burros remained in the area affecting the airfield. An aerial count of burros conducted on March 13 showed 129 burros in the inner test range area. However, it is estimated that up to 400 burros remained. More than 2,225 burros were counted during an aerial survey at the Center last July. Aerial surveys ordinarily show only one third to one half the number of animals actually contained in a given area.

Because of this development, another emergency reduction was necessary to ensure the safety of aviators in Navy aircraft using the Center's runways and civilian and military personnel driving on range area roads.

The number of burros within the Center's inner test range area, some 275 square

miles, has been reduced sufficiently to relieve the immediate safety threat to aviators and motor vehicle operators. Considering the number of burros reduced in the past two programs, it is not anticipated that another similar emergency reduction will be required in the near future.

Ironically, only one day after the first reduction program an aircraft almost hit several burros on the Center's primary runway. Within ten days after the same program a burro/motor vehicle accident did occur near the Center. Specifically:

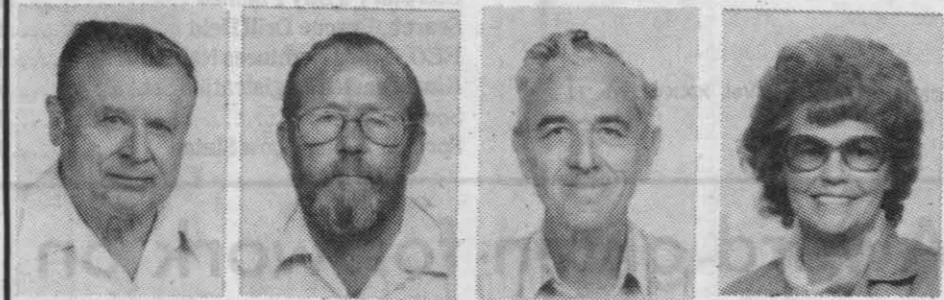
• On March 9 at about 4:30 p.m. four burros were spotted at the end of a runway by Navy air traffic control tower personnel as a military transport aircraft was making a landing. The pilot was alerted to the burro problem and emergency vehicles were immediately dispatched to chase them away. And while the same aircraft was taxiing after landing, the pilot spotted an additional four burros at the other end of the runway that tower personnel had been unable to view.

• On March 18 at 11:15 p.m. a car traveling on California State Highway 178 struck a burro within yards of the Center's boundary. The accident wrecked the

(Continued on Page 5)

### Employee service awards

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



Kenneth Taylor 30 yrs. NWC Service Code 6221, Gordon F. Zurn, Jr. 30 yrs. Fed'1 & NWC Service Code 6133, Donald W. Moore 30 yrs. NWC Service Code 3851, Helen C. Cornett 30 yrs. Fed'1 & NWC Service Code 3465



Jerry Preston 25 yrs. Fed'1 Service Code 3313, Ronald A. Erickson 25 yrs. Fed'1 Service Code 31504, William F. Ball 20 yrs. Fed'1 & NWC Service Code 311, Thomas G. Allen 20 yrs. NWC Service Code 3655

### Federal Women's Program plans film festival on Secretary's Day

Plans and programs are being finalized for Secretary's Day, sponsored by the Federal Women's Program.

In addition to the awards luncheon to be held from 11 a.m. to 12:15 p.m. on April 22 at the Enlisted Mess, and seminars scheduled throughout the day, this year the FWP will offer a film festival.

Five films will be shown beginning at 8 a.m. and continuing throughout the day. The schedule will allow everyone to attend the seminars and the films. The films include:

"The Time of Your Life," starring James Whitmore. The film explores the time conflicts everyone faces daily and examines ways to resolve these conflicts — dealing with such time-robbars as disorganization, interruptions, and procrastination. The film outlines six simple but powerful ideas — keys to making more effective use of your time.

In the film "Some Personal Learnings About Interpersonal Relationships," Dr. Carl R. Rogers, founder of client-centered therapy and one of the world's distinguished psychologists, shares some personal learnings about interpersonal relationships, and discusses "the mysterious business of relating with other human beings." He describes the satisfaction of being real and communicating that quality to another person, and the pleasure of fearlessly giving and receiving positive feelings.

"You Pack Your Own Chute," starring Eden Ryl, is a film that examines fears and how they control one's life. Eden Ryl, a non-swimmer, faces her biggest fear, parachuting from an airplane into the Pacific Ocean. She proves to herself and to others that fear can be conquered. No one has to let fear control him or her.

"We Are Woman," narrated by Helen Reddy, employs dramatic vignettes, simulated interviews and graphic artwork to trace the historical, social and economic factors that have determined the traditional role of women. This move includes statistics pertaining to women in the work force, considers the effects of sex-role conditioning on men, and makes a strong and reasonable case for equal rights for women.

"Productivity and the Self-Fulfilling Prophecy: The Pygmalion Effect," is the title of a film about how the power of expectation can be used to influence negatively or positively. By understanding how this process occurs, management can learn to use it as an effective tool for the benefit of both the organization and the individual. This film demonstrates how a manager's expectations can be a crucial factor in improving performance, productivity and profitability.

A full film schedule listing times and locations will be published in the near future. All seminars, films, and the luncheon will be held in locations that are accessible to the handicapped. The FWP is looking forward to a large attendance and active support on Secretary's Day.

### Promotional opportunities

Applications (Standard Form 171) should be put in the drop box located at the Reception Desk at the Personnel Department, Bldg. 34. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current appointable (i.e., career/career conditional and VRA) NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 0830, Payroll Technician, GS-544-5/6, PD No. 809035, Code 0841 — This position is located in the Payroll Office, Accounting and Disbursing Division, Office of Finance and Management. The incumbent's responsibilities will include, in addition to the duties performed by journeyman payroll clerks, the responsibility for the accuracy of the computation of all non-standard actions for their respective sections; the preparation of Payroll and Labor reports; expertise on payroll procedures for special groups; determining and computing of retirement pay and training new or rotating payroll clerks. Job Relevant Criteria: Knowledge of computerized payroll systems; knowledge of and ability to interpret Federal Payroll and Leave regulations; knowledge of leave and labor accounting; ability to work well with others.

Announcement No. 0910, Computer Specialist, DA-334-3, PAC No. 784915, Code 0903 — The incumbent of this position will be the head of the Personnel Automated Data Group in the Personnel Department. Will be responsible for analyzing, developing and maintaining computerized personnel systems. Will conduct continuing analysis of personnel processes and systems to facilitate the coordination and implementation of computerized approaches to personnel management practices and techniques. Job Relevant Criteria: Skill in computer systems analysis and computer programming; ability to design computerized systems; working knowledge of COBAL and System 2000; knowledge of the federal personnel system.

Announcement No. 25-040, Procurement Clerk (Typing), GS-1104-7/4, PD No. 7225203N, Code 222 — This position is located in the Purchase Branch, Contracts Division, Supply Department. Incumbent will type purchase documents such as delivery orders, requests for quotation, change orders, blanket purchase agreements, etc., insuring that appropriate clauses and conditions are cited. Will also maintain branch records and other associated clerical duties. Job Relevant Criteria: Knowledge of procurement methods; ability to interpret instructions; ability to meet and deal effectively with others; ability to meet deadlines under pressure.

Announcement No. 25-041, Purchasing Agent, GS-1105-7, PD No. 8025020N Code 222 — (Purchase commodities) This position is located in the Purchase Branch, Contracts Division, Supply Department. The incumbent is responsible for the purchase of highly technical commodities. Items are standard technical items requiring modification or items manufactured to detailed specifications. Purchase requests are reviewed for adequacy of documentation, purchase description, funding and approvals. Selection of the appropriate purchasing method as well as selection of the method of soliciting quotation is the responsibility of the incumbent. Job Relevant Criteria: Knowledge of small purchase procedures; ability to work without close supervision; ability to deal effectively with others; ability to work under pressure.

Announcement No. 25-042, Housing Project Manager, GS-1173-11 or DA-1173-3, PAC No. 8024071E, Code 265 — This position is that of director of the Housing Division, Public Works Department. Incumbent will manage the operation and maintenance of government owned housing units located within the confines of the Naval Weapons Center. The division is responsible for assisting military and civilian employees and their dependents in locating suitable off-center housing; making and processing assignments to quarters, inspections, and processing terminations; assessing charges for rentals and damages; and administering the budget for the entire housing program. Incumbent will be responsible for program planning, data collection and reports preparation as required by higher authority. Duties will include extensive involvement in community relations, as well as resolution of tenant problems and complaints. Incumbent will perform the full range of supervision over a subordinate staff consisting of eight civilian employees and others as required. Job Relevant Criteria: Demonstrated management capacity and adaptability; ability to work tactfully with higher level management officials; skill in handling tenant/community relations; knowledge of family housing operations; ability to confront people problems. Status eligibles will be considered. Previous applicants need not apply.

Announcement No. 26-077, Planner and Estimator (General), WD-4701-8, JD No. 762N, Code 2613 — Position is located in the Continuous Inspection Branch of the Maintenance Control Division of the Public Works Department. Incumbent performs scheduled examinations and/or tests of facilities as assigned to determine the physical condition with respect to the desired facilities categorization. Incumbent provides detailed manpower/material estimates for identified maintenance requirements. Incumbent completes inspection of mechanical systems and systems as assigned. Typical work includes but is not limited to inspection of such items as air conditioning systems, heating equipment, plumbing, ventilating and exhaust systems, pumps, steam traps and piping for gas systems. Job Relevant Criteria: Ability to facilitate production; technical practices: ability to interpret instructions and specifications; knowledge of pertinent materials; knowledge of pertinent tools and equipment. Note: Supplemental is required and may be picked up at the reception desk or in Rm. 210 of the Personnel Building.

Announcement No. 26-078, Planner and Estimator (General), WD-4701-8, JD No. 761N, Code 2613 — Position is located in the Continuous Inspection Branch of the Maintenance Control Division of the Public Works Department. Incumbent provides detailed manpower/material estimates in support of identified maintenance for the entire Center. This includes inspection, job, writeup, material lists and sketches for construction, alteration, repair and maintenance. Typical work involves but is not limited to inspection of such items as ground structures, airfield, trackage pavement, roads and grounds, bridges, trusses, erosion control, drainage, storm drains. Job Relevant Criteria: Ability to facilitate production; technical practices: ability to interpret instructions and specifications; knowledge of pertinent materials; knowledge of pertinent tools and equipment. Note: Supplemental is required and may be picked up at the reception desk or in Rm. 210 of the Personnel Building.

Announcement No. 26-080, Planner and Estimator (Electrician), WD-3805-8, JD No. 761N, Code 2613 — Position is located in the Continuous Inspection Branch of the Maintenance Control Division, Public Works Department. Incumbent performs scheduled examinations and/or tests of facilities as assigned to determine the physical condition with respect to the desired facilities categorization; incumbent provides detailed manpower/material estimates for identified maintenance requirements. Responsibilities include job writeup, material lists and sketches for correction which are identified to be within the capabilities of Public Works. Incumbent shall complete inspection of electrical equipment and systems as assigned. Typical work includes but is not limited to inspection of electrical systems (buildings), electric motors, generators, cathodic protection systems, fuses and small circuit breakers. Job Relevant Criteria: Ability to facilitate production; technical practices: ability to interpret instructions and specifications; knowledge of pertinent materials; knowledge of pertinent tools and equipment. Note: Supplemental is required and may be picked up at the reception desk or in Rm. 210 of the Personnel Building.

Announcement No. 26-081, Secretary (Typing), GS-318-4, PD 8028041N, Code 281 — This position is located in the Physics Division, Research Department. The incumbent provides principal clerical support to the branches in the division. The incumbent receives and directs visitors and phone calls to the appropriate person, receives and distributes mail, and maintains files. The incumbent is (Continued on Page 7)

### DIVINE SERVICES

Table listing Protestant, Roman Catholic, and Jewish services with times and locations.

### Premier League bowlers have another top performance night

Another banner night of bowling competition was logged Monday at Hall Memorial Lanes by participants in the Premier (scratch) League.

Jim Bowen really found the groove as he rolled a 783 series that was built on single game scores of 267, 258, and 258. In addition, Mark Barkemeyer reached the 700 series plateau with games of 277, 225 and 198.

Two other Premier League bowlers — Thad Brightwell and Barney Brush each had a triple 200 series for the night. Brightwell's 668 total included games of 236, 227, and 205, while Brush rolled a 662 series that included single game scores of 216, 227 and 219.

Highlight of the team competition was the three-game shutout handed to the league-leading Triangle Mobile Homes kegglers by Fisher Plastering. This enabled the plasterers, who are in second place, to reduce the TMH lead to six games.

The Hideaway squad, which shut out the Buggy Bath team three games to zip, came through with the evening's high team game of 1,135 and high team series — a total of 3,211.

In addition to those already mentioned,

### 27 teams active in Youth Soccer League to begin regular season play tomorrow

After a round of practice games last weekend, the Youth Soccer League's 37 teams will begin regular season play tomorrow.

The league, sponsored by the NWC Recreational Services Department, still has a few openings for players in all age groups — first through eighth grades.

Registration for Youth Soccer is being handled at the Recreation Coordination Office, which is located in Bennington Plaza, between the Center theater and gym. Additional information can be obtained by calling NWC ext. 2010.

The schedule of games to be played tomorrow is as follows:

- At Richmond School: Division 1 — Panthers vs. Cougars, 11 a.m.; Coyotes vs. Roadrunners, 12 noon; Eagles vs. Owls, 1 p.m.; and Cobras vs. Hawks, 2 p.m. Division 2 — Chiefs vs. Rowdies, 8 a.m.; Sunshine vs. Apollos, 9 a.m.; and Fury vs. Express, 10 a.m. At Kelly Field (Murray School): Division 3 — Cosmos vs. Lancers, 8 a.m.; Blizzard vs. Sockers, 9 a.m.; and Aztecs vs. Earthquakes, 10 a.m. Division 4 — Strikers vs. Drillers, 12:30 p.m.; and round robin tournament between Atoms, Timbers, and Boomers, 1:30 p.m. Division 7 — Gunners vs. Wolves, 11 a.m. At Davidove Field: Division 5 — Rogues vs. Whitecaps, 8 a.m.; Kicks vs. Hurricane, 9:15 a.m.; Roughnecks vs. Diplomats, 10:30 a.m.; Surf vs. Sounders, 11:45 a.m.; and Tornado vs. Sting, 1 p.m.

### Celebrity tennis tourney slated Saturday at college

The fifth annual "Celebrity Tennis Tournament" sponsored by the Fire Mountain Foundation will be held tomorrow from 9 a.m. until midafternoon at the Cerro Coso College tennis courts.

Entry in the tournament was by special invitation only, with a wide range of local celebrities from both Ridgecrest and China Lake invited to play. Since the celebrities range widely in tennis-playing skill, they'll play in three categories ranging from "real tennis players" to total novices.

### Debbie Bee hired to fill post of assistant athletic director

The office staff at the Center gym was augmented last week by the arrival of Debbie Bee, a graduate of Central Washington University in Ellensburg, Wash., who was hired to fill the assistant athletic director vacancy.

Miss Bee, who completed all of her course work last December for a bachelor's degree in leisure services, had been employed under a college interne program at the Sand Point Naval Support Activity in Seattle, Wash., prior to being chosen for the post here.

A native of Seattle, she lettered in tennis at Central Washington University, was active in a wide variety of intramural sports programs during her undergraduate days, and also taught swimming classes.

In order to qualify as a swimming instructor, she obtained a water safety instructor's certificate, and has a Red Cross advanced first aid certificate as well.

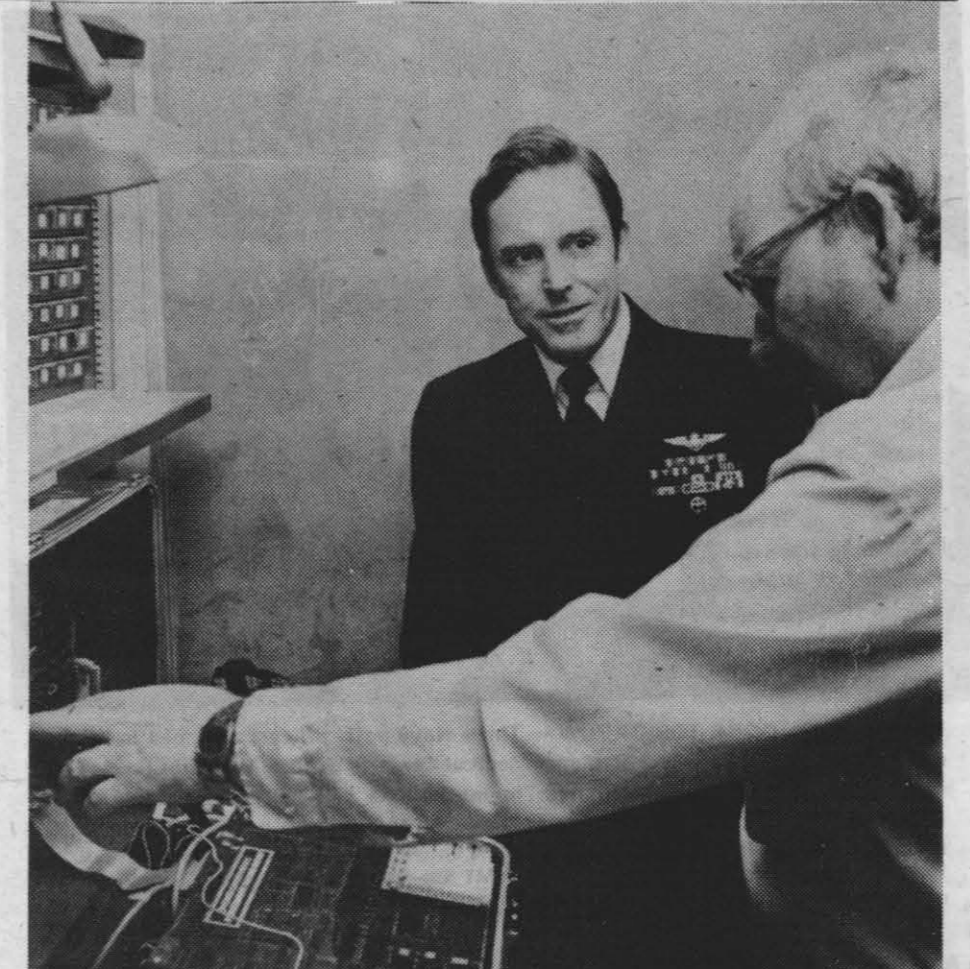
She likes all kinds of outdoor sports activities, but her interests lie primarily in swimming, snow skiing, bicycle riding and hiking. Enroute from Seattle to China Lake, she took the opportunity to try the ski slopes in the Lake Tahoe area.

During her first week or two on the job, the new assistant athletic director has been reading instructions and memos in order to get acquainted with Recreational Services Department policies covering athletic programs at NWC.

She also helped coordinate plans for the China Lake Intramural Volleyball League season that began on Tuesday, and will be working on the local aquatics program until someone else can be assigned that task.



Debbie Bee



TRAINING DEVICE DEMONSTRATED — Robert Coleman of the Computer Services Branch (Code 3871) briefs Capt. Ben F. Short, of NAVALAIR, on the microprocessor kits being used for training purposes at NWC. These kits were designed for use in training individuals who have no prior knowledge of microprocessors. Capt. Short recently visited the Center to present program plans for the Undergraduate Jet Flight Training System (VTXTS) to NWC's Technical Planning Board and to receive briefings on NWC's tactical aircraft weapons systems support activity programs. The Microprocessing Laboratory was one of several areas he visited during the course of his stay at the Center.

### Two-mile run dubbed Coyote Chase will be held tomorrow at Cerro Coso College

The Associated Students of Cerro Coso and the Intramural Sports Program are jointly sponsoring the Coyote Chase, a two-mile run, tomorrow. Any runner in the community is invited to participate.

Registration begins at 8:30 a.m. on the Cerro Coso College parking lot. The race will begin at 9:15 a.m.

Winners in each category (age and sex) will receive a specially designed T-shirt. Place ribbons in each category will be awarded through fifth place, and all participants 14 years old or under will also receive competition ribbons.

Entry fees are \$1 for ASSC cardholders, \$1 for those 14 and under, and \$2 for all other participants. Anyone seeking additional information on the Coyote Chase may telephone Betty Miller, Intramural Sports Coordinator, at 375-5001, ext. 75.

TEL-MED TAPE OF WEEK: It's that season again, for baseball, soccer, tennis and such; time for lumps and bumps, aches and pains. If you've ever sat and worried and wondered what could be done to alleviate these pesky ailments, help is on the way. By calling Tel-Med at 446-3541 and asking for tape Nos. 46 and 47, dealing with lumps, bumps, leg cramps and aches should become much easier. For further help with sprains or injuries to the head, ask for tape Nos. 98 and 99.

### Promotional opportunities

(Continued from Page 2) responsible for composing routine correspondence such as intra-office memoranda. Is also responsible for preparing standard government forms including shipping requests, personnel forms, and purchase orders. Job Relevant Criteria: Knowledge of Navy correspondence procedures; spelling; ability to deal with a variety of personnel. Previous applicants need not reapply.

Announcement No. 62025, Electronics Technician, GS-854-7/8/9, PD No. 7962101N, Code 62421 — This position is that of an electronics technician in the Telemetry Data Section, Telemetry Operations Branch, Telemetry Division of the Range Department. The incumbent is responsible for the calibration, maintenance, development, fabrication, and modification of the equipment of the Central Telemetry Facility and the Digital Automated Real-Time Telemetry system. Equipment includes microwave data antenna system, digital and analog subsystems now in use at T-Pad and the present telemetry data gathering system. Job Relevant Criteria: Knowledge of electronic test equipment. Knowledge of digital and analog circuitry. Ability to work well under pressure.

Announcement No. 62021, Secretary (Typing), GS-318-3/4, PD No. 8062047, Code 6202 — This position provides clerical support to the Office of the Head of Staff for the Range Department and serves as secretary to the Head of Staff. Major duties include preparation of official correspondence; receiving incoming telephone calls and mail; timekeeping; maintaining files. Applications will be accepted from all status eligibles and appointment eligibles. Job Relevant Criteria: Must be a proficient typist; knowledge of the Center's clerical procedures; ability to deal with administrative and clerical procedures.

Announcement No. 62023, Secretary (Typing), GS-318-4, PD No. 7962090N, Code 6234 — This position is located in the Range Support Branch, Range Instrumentation Support Division of the Range Department. Incumbent provides clerical, typing and other administrative support to three branches of the Range Instrumentation Support Division. Job Relevant Criteria: Knowledge and capability regarding clerical procedures; knowledge of Navy correspondence and filing systems; knowledge of proper handling of classified material. Applicants will be accepted from status eligibles.

Announcement No. 62024, Ordnance Equipment Mechanic Helper, WG-441-5, JD No. 599N, Code 62322 — The position is located in the Range Operations Division of the Range Department. The incumbent performs work involved in the functional testing of rockets, guided missiles, projectiles, high explosive items and other ordnance and non-ordnance related items. The work is usually performed at the Ground Operations Branch but may be at the other ranges operated by the Center. Job Relevant Criteria: Reliability and dependability; shop aptitude; ability to follow directions in a shop; ability to work as a member of a team; safety and dexterity. Note: Supplemental Qualifications Statements may be picked up at Reception desk in the Personnel Department and must be submitted with SF-171.

Announcement No. EM812, Food Service Worker, NA-748-1, \$2.35 per hour plus benefits, permanent, full-time. The position is located in the Range Operations Division of the Enlisted Mess (Open). This is not a Civil Service position. Duties are to remove dishes from tables; wash dishes in machine; set up tables; sweep floors, empty trash; replenish beer coolers; help set up portable car; other duties as assigned. Job Relevant Criteria: Able to lift 25 lb., follow directions, operate automatic dishwashing equipment, knowledge of sanitation regulations.

Apply for non-Civil Service positions with with Betty Cheatum, Bldg. 21, Ph. 3387 or 3388.

### The Rocketeer

Official Weekly Publication

Naval Weapons Center China Lake, California

Captain W. B. Huff NWC Commander

R. M. Hillier Technical Director

S. G. Payne Public Affairs Officer

Don R. Yockey Editor

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## Commander's Cup volleyball event won by NWC Gold

Players representing NWC Gold last week won first place in the Commander's Cup volleyball competition with their counterparts from NWC Blue and VX-5.

The NWC Gold squad won two out of three games in the match against NWC Blue. In the first contest, the Gold team posted a 15-7 victory, but NWC Blue bounced back to edge Gold 15-13 in the second game.

In the third and deciding tilt, Gold edged Blue by a final margin of 15-13.

The Commander's Cup volleyball champs had a much easier time of it against the VX-5 Vampires, whom they defeated in two straight games by scores of 15-8, 15-9.

In the opening round of Commander's Cup volleyball play, the VX-5 Vampires outscored NWC Blue 15-9 in the first game, but then lost the next two games to NWC Blue by scores of 15-5, 15-12.

NWC Blue did not have the required two women players on its team, and the result was a forfeit loss to VX-5.

Despite VX-5's second place finish in volleyball, current point standings in the Commander's Cup athletic competition show VX-5 in first place with 25 points, NWC Gold is second with 21, and NWC Blue now trails with 17.

### INTRAMURAL VOLLEYBALL

The spring season of the China Lake Intramural Volleyball League began Tuesday night at the Center gym.

Nearly 90 players are involved in the volleyball league competition, which has been divided into a 4-team Open Division and 6-team Coed Division.

Teams vying in the Open Division are the Doggie Daddies, Spikers, NWC O's, and Sage.

The schedule calls for games at 6, 7 and 8 o'clock on Tuesday, Wednesday and Thursday evenings through April 23.

## Burros varsity baseball team edged 5-4 in game at Canyon

It was close but no cigar Tuesday afternoon for the Burroughs High School varsity baseball team, which lost an extra-inning tilt by a score of 5-4 to the Canyon Cowboys in a game played at Canyon High School.

While this was the third Golden League loss in a row for the Burros varsity nine, it was their best effort of the league season to date after earlier losses in league tilts to Palmdale and Saugus by scores of 7-2 and 4-0, respectively.

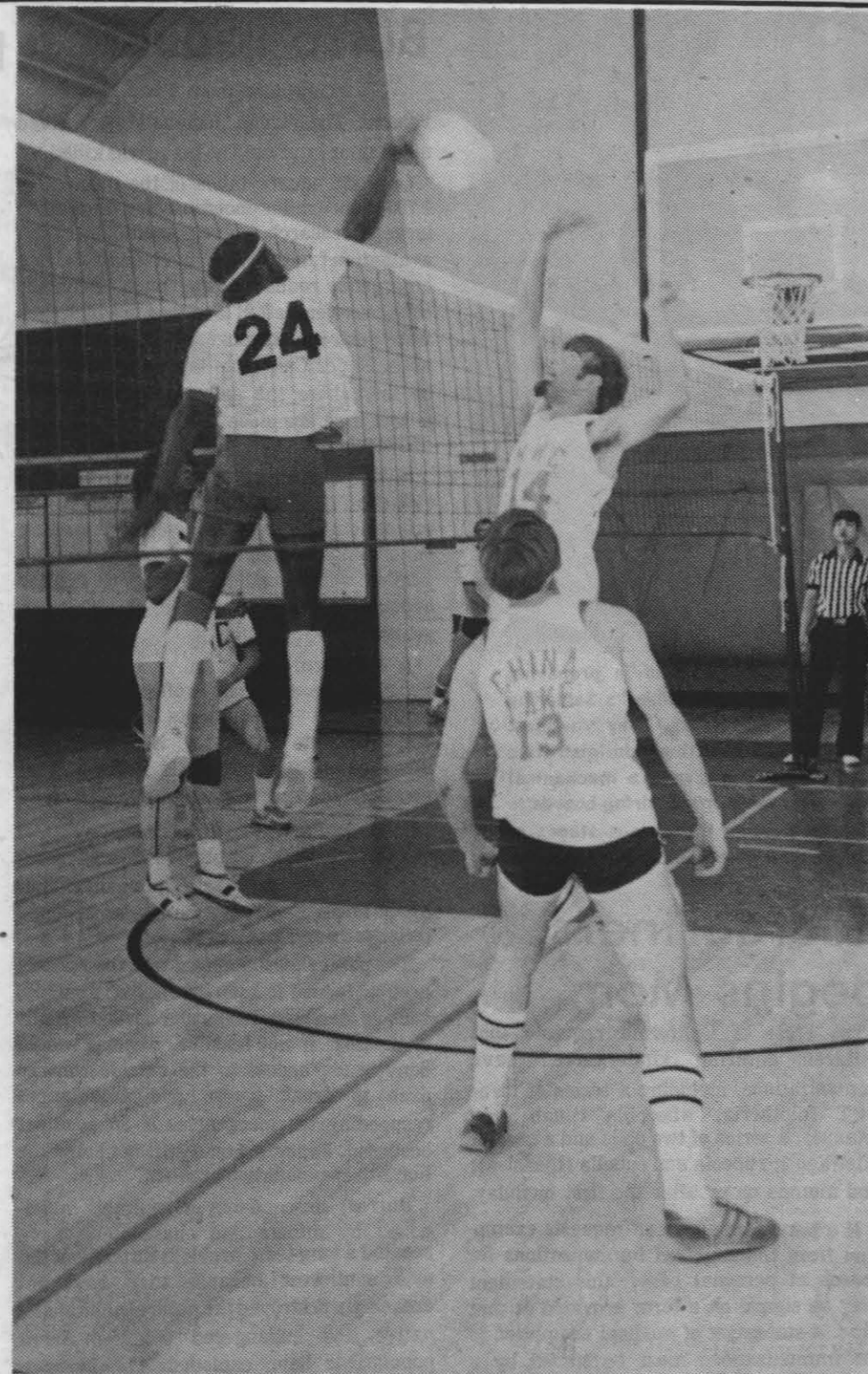
Still looking for their first Golden League win in 1981, the BHS varsity baseball team, coached by Bill Sizemore, will host the Quartz Hill Rebels this afternoon at 3:30.

Jody Gaunt was the outstanding player for Burroughs in the local team's 5-4 loss to Canyon. Gaunt not only pitched the entire game, giving up 8 hits in the 8-inning tilt, but had three hits (one a home run) in four times at bat.

For the first time since the start of the league season, players on the BHS varsity nine began to pick up the pace in the hitting department, Coach Sizemore observed. The Burros collected 10 hits in all — the most in any single game so far this year.

In the tightly played contest against the Canyon Cowboys, the host team got on the scoreboard in the first inning on a double, a fielder's choice play that moved the runner to third, and an RBI single.

Gaunt knotted the count at 1-1 with a home run in the second inning that cleared the 350 ft. line in left-centerfield, and the Burros



COMMANDER'S CUP VOLLEYBALL — J.J. Hewell (No. 24), of the VX-5 Vampires, is challenged by Tony Musto of NWC Blue in this bit of action during last week's Commander's Cup volleyball competition. Another of the NWC Blue players is Chris Long (No. 13), whose back is to the camera. Although NWC Blue won two out of three games from VX-5, the match went to the Vampires because the Blue team did not have at least two women players. The NWC Gold team went on to defeat both NWC Blue and VX-5 to win the volleyball event.



READY TO SERVE — Although the jersey clearly indicates "NWC," the player about to serve the ball in last week's volleyball match between NWC Blue and the VX-5 Vampires is Kim Ryder of the Vampires.

down between third base and home plate, but Gaunt made it all the way around to third and continued to present a threat as the potential tie-breaking run.

Strike outs by the next two batters for Burroughs scuttled this scoring effort, however, and during Canyon High's turn at bat in the bottom of the eighth, the Cowboys got a man on base on an error. Another miscue moved the base runner to second, and a single to right field drove in Canyon High's game-winning run.

## 24-hr. team relay race planned by Over-Hill Track Club

The second annual 24-hour team relay race, sponsored by the Over-the-Hill Track Club, will be held at the Burroughs High School track on Saturday and Sunday, April 11-12.

The dates for this event were changed to April from sometime in June in the hope of having cooler daytime temperatures as well as moderate temperatures overnight while the relay race is in progress.

A total of eleven 10-member teams participated in the OTHTC 24-hour relay race last year (10 from the local area and one from Lancaster), and hopes are high that there will be an additional five teams entered this year.

### ENTRY FEE IS \$5 PER RUNNER

There is an entry fee of \$5 per team member. The money is earmarked to cover the cost of custom-designed T-shirts that will be given to all members of the winning team — the group of runners that runs the greatest distance in the 24-hour period.

The relay will begin at 9 a.m. on Saturday, April 11, and conclude at 9 a.m. the next day. Each team must provide at least two or possibly more non-runners (adults over 18 years of age) who will keep a record of the number of miles run and report the total number of laps to race officials.

Before starting, each team must decide on the order its members will be running, and this order must be kept throughout the relay race.

### RELAY RACE RULES

Each participant must run a minimum of one mile each time it is his or her turn to run. If a runner drops out during a mile run, then no part of that mile counts toward the team's accumulative total; he or she is out of the race from that point on, and the next runner resumes the race. No substitutes are allowed. Only the original group of 10 runners may compete for awards.

Only complete miles that are run count toward the team's total, except at the end of the 24-hour period, when the exact yardage of the last partial mile can be measured.

Distance runners who are interested in joining one of the teams being formed to take part in the OTHTC 24-hour relay race, or who may wish to form a team of their own, are asked to make this interest known by calling Scotty Broyles, the race director, at 446-2941 on weekdays after 5 p.m. or on weekends.

## Civilian, military marksmen vie in high power rifle match

More than a dozen military and civilian marksmen vied last weekend in a high power rifle match held at the NWC rifle range located behind B Mountain.

Each of the entrants fired a total of 80 rounds at targets that were set up at distances of 200, 300 and 600 yds. Both bolt action and military rifles were used.

Jack Braun was the overall winner of the match as he registered a score of 734 (with 10 bullseyes) out of a possible 800.

First place in the master's classification went to Bob Gould who, like Braun, is a member of the Sierra Desert Gun Club. Gould's total score was 707 (with 7X).

In the sharpshooter class, H. C. (Bill) Moss garnered first with a score of 701 (5X), while the following entrants ranked first through fourth in the marksmen class: Don Herigstad, 676 (4X); AZI Craig Wilson, 658 (6X); ASM2 James Head, 652 (4X), and AD1 Dennis Graumann, 641 (4X).

A four-man team, led by Lt. Denny Wilcox, will represent the Naval Weapons Center at the State Military Service Rifle Championships at Coalinga on Sunday, April 5. In addition to Lt. Wilcox, other members of the team will be FTMC Nelson Foucher, AZI Craig Wilson, and AO1 Benny Parsons.

## 150 involved in two-day search, rescue practice

Members of the Indian Wells Valley Mine and Surface Rescue Team were joined by similar groups from Bakersfield, Taft, Frazier Park, Boron and Kernville for a two-day practice search and rescue operation over the past weekend. An estimated 150 persons took part in this activity.

Base camp for this exercise, which was conducted under the command of Lt. Carl Sparks, who is in charge of all Kern County Sheriff's Department Search and Rescue units, was a remote location on the west side of the Black Mountains (south of Inyokern).

### NAVY HELICOPTER PROVIDED

The Naval Weapons Center's involvement in this practice operation included providing a UHIN helicopter piloted by LCdr. Chip Lancaster, with Lt. Dennis Wilcox as co-pilot, and an aircrew composed of AD1 Gordon Draper, AMSAN Mike Clenney and HM3 Mike Hozey.

Ground support of the helicopter in the field for the practice SAR operation was assigned to ABHC Michael Mast, AB1 T. J. Berg, and ABHAN Mark Nelson.

Until called away early Sunday morning in response to a Bishop Civil Air Patrol request for assistance in trying to locate a Cessna 210 aircraft missing since Thursday afternoon after taking off from the airport at Mammoth Lakes, the Navy helicopter was used to move personnel of the various search and rescue units from one location to another, and also for hauling some of the special equipment used in the practice search and rescue operation.

### EOD PERSONNEL PARTICIPATE

Additional Navy involvement in the practice search and rescue operation took place on Saturday afternoon when MM1 Paul Hulsey and AD1 Max Green, of Explosive Ordnance Disposal Group One at China Lake, staged a demonstration of explosives handling and provided safety tips on what to do with ordnance items found on the desert.

Objective of the two-day training exercise for Kern County search and rescue units was to search for a simulated downed aircraft that had "crashed" in the vicinity of Robbers' Roost, and the "rescue" of a life-size dummy from an 80 ft. deep mineshaft.

## 3 chiefs to be commissioned as LDO ensigns next Thursday

Three Navy chiefs currently assigned to duty at the Naval Weapons Center will be promoted to Limited Duty Officer (LDO) ensigns during a ceremony scheduled at 9:30 a.m. next Thursday, April 2, on the lawn in front of the NWC Administration Building.

Capt. William B. Haff, NWC Commander, will officiate at the commissioning of AMCS Daniel C. Brockway, Command Career Counselor in the Military Administration Department; ACC James Q. Henderson, head of the Air Traffic Control Branch; and ACC Robert J. Rodriguez, an air traffic controlman also assigned to this same branch in the Aircraft Department's Airfield Operations Division.

Presentation of the American flag by a military color guard, a personnel inspection of those assembled for the ceremony, and the playing of tape-recorded music appropriate for such an occasion all will be a part of this event, which is planned to stress pride and professionalism in the Armed Forces.

Immediately after they are commissioned as LDOs, Ensigns Brockway, Henderson and Rodriguez will participate with Capt. John Patterson, NWC Vice Commander, in a reenlistment ceremony for the following three Navy men:

ACC Kent Savery, branch chief in the Air Control Tower, 4 years; ADCS Homer Bask, night check maintenance control chief in the Aircraft Support Division, 4 years; and RM2 Gary Bishop, NWC Communications Division, 6 years.



NAVY CORPSMEN ASSIST — A "victim" of a mishap on the desert is treated by HM2 Lance Graham (at right) and AMSAN Mike Clenney, who are preparing to administer first aid for a leg wound.

—Photos by Sam Wyatt

Scouring the desert area for a downed aircraft took place on Saturday and was culminated when Sheriff's Aero Squadron members spotted a telltale section of aluminum foil. The location was radioed to base camp and the Navy SAR helicopter piloted by Lt. Wilcox ferried in a group of trained ground search personnel who landed nearby and checked out the simulated airplane wreckage.

This same group of searchers followed the missing pilot's tracks two miles to the Walker Pass Road, where they found a note stating that the pilot had "caught a ride to Ridgecrest."

At this point, the search team members boarded trucks that were provided to them for their ride back to base camp.

While the search for the aircraft wreckage near Robbers' Roost was in progress, another group conducted a successful search for a woman whose vehicle had run out of gas while traveling on a desert road.

In addition to the simulated rescue missions already mentioned, Ron Smith, leader of the IWV Mine and Surface Rescue Team, the group that set up the

arrangements for this drill, also laid out a number of other emergency scenarios that provided useful training by involving various aspects of search and rescue operations.

These included a narcotics case in which the individual posing as a drug purchaser was killed and one of the two survivors of the argument that ensued was wounded and collapsed after first burying the drugs.

Also acted out were a series of events culminating in tragedy when a family of five, that included a year-old infant, was stranded on a desert road after their car struck a rock — breaking a drive line that put the vehicle out of commission.

On Friday, before the weekend practice began, members of the IWV Mine and Surface Rescue Team, laid out the tracks and set dummies in place to simulate the victims of these emergency situations.

Search and rescue team members who camped out on Saturday night enjoyed a cookout prepared by Kern County Sheriff's Department personnel and then watched training films until it was time to turn in for the night.

Sunday morning, the training exercise called for rescue of a "victim" trapped in a mineshaft. The "accident victim" had been located on Saturday by trackers, but it was necessary to wait until the next day to move a mine shaft rescue hoist operated by the IWV Mine and Surface Rescue Team to the scene.

Organizations in addition to the IWV Mine and Surface Rescue team that took part in the search and rescue operation practice included the Bakersfield Jeep Posse, the Kern County Sheriff's Aero Squadron, Kern County Skin Divers, Taft Search and Rescue Posse, the Southern Kern Search and Rescue Unit (Frazier Park), the Boron Search and Rescue Unit, and the Kern Valley Search and Rescue Unit (Kernville).



VALUABLE APPARATUS — Members of the Indian Wells Valley Mine and Surface Rescue Team prepare to set up a hoist designed specifically for the task of lowering a rescue team member into a mine shaft. Part of this past weekend's search and rescue practice exercise involved the use of this piece of equipment.

## Master Chief Petty Officer of Navy to visit NWC

Arrangements are rapidly taking shape for a day-long visit to the Naval Weapons Center on Tuesday, April 7, by the Master Chief Petty Officer of the Navy, Thomas S. Crow.

MCPON Crow, a veteran of 28 years of service in the Navy, has set aside the month of April for personal visits to bases and ships homeported in the southern part of California in order to meet and talk with enlisted men and women of the Navy and to chief petty officers.

Upon his arrival here on the morning of April 7, the Master Chief Petty Officer of the Navy will be greeted by AVCM Jerry Cook, NWC's Master Chief Petty Officer of the Command, and by AEC John E. Smith, Chief Petty Officer of the Command for Air Test and Evaluation Squadron Five (VX-5).

An all-hands meeting for Navy enlisted personnel in E-1 through E-6 ratings has been planned in the Center theater starting at 9:45 a.m. and lasting for an hour.

The Center theater also will be the setting for a similar gathering of all chief petty officers with MCPON Crow from 11 a.m. until 12 noon.

### PURPOSE OF VISIT

During these two large group meetings, MCPON Crow will provide current information on Navy career opportunities and the increased emphasis on pride and professionalism throughout the Armed Forces.

Following lunch at either the Enlisted Dining Facility or the Chief Petty Officers' Club, time will be allocated for a tour of working spaces in order to permit small group discussions with NWC and VX-5 enlisted military personnel.

MCPON Crow will conclude his visit here by meeting briefly with Capt. William B. Haff, NWC Commander; Capt. Paul Hollandsworth, Commanding Officer of VX-5; Capt. John Patterson, NWC Vice Commander; Capt. J. E. Doolittle, Commanding Officer of Enlisted Personnel at NWC; and Capt. N. B. Nash, Executive Officer of VX-5.

### ACCOMPANIED BY WIFE

The Master Chief Petty Officer of the Navy will be accompanied to NWC by his wife, Carol; and by AVCM William Huie, the Force Master Chief for COMNAVAIRPAC in San Diego.

Mrs. Crow will be welcomed to the Naval Weapons Center by representatives of the Navy Wives Club, the CPO Wives Club, and by Cheryl Burditt and Charlotte Hille, who serve as ombudsmen for NWC and VX-5 enlisted Navy personnel, respectively.

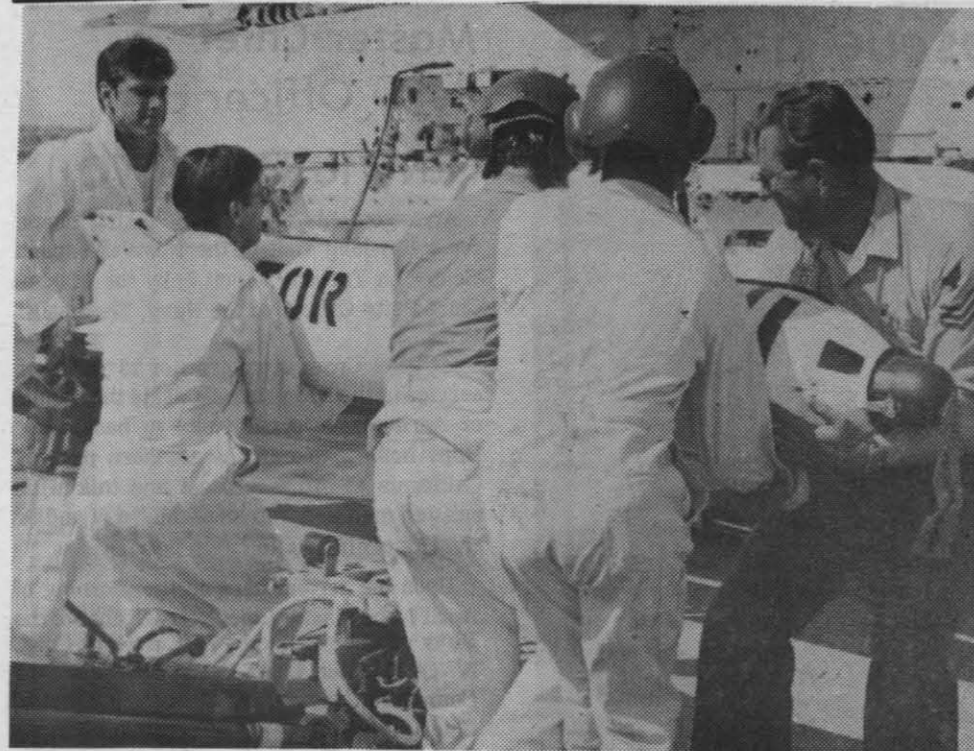
No meetings are scheduled for Mrs. Crow, who will be free to visit meeting places of the Navy Wives Club and CPO Wives Club, for an exchange of information with Navy wives. She also will stop at the Chaplain's Office, Child Care Center, Navy Relief Society Office, Navy Exchange, and the Maturango Museum.

## During repair work on runways, trucks sharing bike route

Bicyclists will have to share their bike path with construction equipment for the next several weeks while resurfacing of the runways at Armitage Airfield is being performed.

The bicycle route to the airfield (the old road) will be opened to trucks carrying asphalt, equipment, and other materials in order to provide direct access to the runway areas.

The resurfacing, which began March 22, will continue through May 22. During that period bicycle riders are asked to be on the lookout for four-wheeled vehicles and to take extra care while the roads are being shared by both trucks and bicycles.



ALL TOGETHER NOW — Gator Mine, a high-speed aircraft-delivered scatterable land mine, is being loaded aboard an A-7 aircraft just prior to ballistics testing.

Names announced of nominees for EEO Awards on April 8

Eight Naval Weapons Center employees have been nominated for awards to be given at the annual EEO Awards luncheon that will be held on Wednesday, April 8, at 11:30 a.m. at the Enlisted Mess.

The eight nominees include supervisors, those whose work has EEO implications, and EEO program leaders.

Nominated this year are Ralph Bauer, Code 333; Howard Fish, Code 64; Louis J. Giegerich, Code 338; Glenda C. Hinds, Code 3318; Walter Martin, Code 3335; Charles R. Oldfield, Code 3315; Dennis Raz, Code 3664; and I. R. Stone, Code 25213.

From this group, those who are selected for the EEO awards will receive a wall plaque and a letter of commendation.

The nominees who are not in the final selection will receive letters of appreciation from the EEO Office.

Reservations are required to attend this event and must be made by Wednesday, April 1. This can be arranged by telephoning Eloise Burkland, NWC ext. 2634.

Mosko, Remell, Schiavone get TD Awards . . .

(Continued from Page 1)

Mosko, Remell, and Schiavone have devised an integrated antenna and receiver that allows the antenna radiator, antenna feed circuit, switches, attenuators, mixers and all other relevant critical microwave circuitry to be contained in a single microwave circuit printed circuit assembly.

The use of printed circuit techniques allows the use of highly accurate computer-derived circuits and low cost photoetch production techniques. In addition, manual operations, such as cable fabrication and connector mounting, are eliminated.

Mosko, who has gained recognition as one of this nation's foremost experts in broadband stripline and direction finding techniques, joined the work force at NWC in 1959.

Two-day course in Computing Technology for Mgrs. offered

"Computing Technology for Managers," a course conducted last summer for members of the Technical Planning Board and senior level managers is being offered on April 21 and 22 for Level 4 and some Level 3 personnel nominated by their departments.

Distinguished guest speakers from throughout the country will conduct the course, which meets from 7:45 a.m. until 4:30 p.m. each day in the Michelson Laboratory auditorium.

A dinner session on Tuesday evening will be held from 7 to 9 at Clancey's Claim Co. Featured speaker at the dinner meeting will be John Reynolds from the Naval Surface Weapons Center, Dahlgren, who will discuss "View From the Trenches."

The class is limited to 150 participants. Interested persons should submit enrollment requests on NWC Form 1210/73 via their department offices. Departments must prioritize and send nominations to Code 094 no later than April 6.

Energy conservation tip

Don't keep your refrigerator or freezer too cold. recommended temperatures: 38 degrees Fahrenheit to 40 degrees for the fresh food compartment of the refrigerator; 5 degrees Fahrenheit for the freezer section. (If you have a separate freezer for long-term storage it should be kept at 0 degrees Fahrenheit, however.)

He transferred four years later to the Weapons Development Department in order to have the opportunity (through his involvement in anti-radiation missile projects) to work in the microwave region and to further his experience and education in what was his chosen field.

From 1960 through 1965, he worked principally in the areas of Shrike antenna design, testing, and contract liaison. During this period, broadband antenna and feed-circuit techniques were in their infancy.

Later (from 1965 through 1968), Mosko was assigned problems under the Electronic Radiating Source Elimination (ERASE) program and succeeded in advancing the art of broadband direction finding systems.

Mosko has a master's degree in electromagnetics from UCLA that he received by completing off-campus UCLA courses offered at China Lake and being granted (in 1962-63) a Bureau of Naval Weapons Scholarship that enabled him to attend Electrical Engineering Department courses at Westwood.

In the fall of 1968, he applied for and received a NWC Fellowship to work on his PhD at the University of California and (in 1971, completed extremely difficult course work in electromagnetic theory. While at school, he contributed heavily to NWC and Department of Defense programs through his research courses.

In his present assignment as a consultant in NWC's Electronic Warfare Department, Mosko is assigned tasks that typically require the invention of new techniques or analysis not previously accomplished.

Remell, who is getting close to completing his 25th year as an employee at China Lake, came here in the summer of 1956 as a junior professional right out of the University of California at Berkeley, where he received a

bachelor's degree in mechanical engineering.

Upon completing his JP tour, he was assigned to the former Weapons Development Department and remained with that part of the department that was split off during a reorganization to become the Electronic Warfare Department.

He recalls working in late 1959 with the first missile that evolved into Shrike, an air-to-ground anti-radiation guided missile designed to home on and destroy or suppress radiating targets.

Remell continued working on the various versions of Shrike that have evolved from the earliest days of its existence until it was ready for production; was involved in ERASE since its concept, and also did some of the first prototype work on the High Speed Anti-Radiation Missile (HARM).

Remell's contribution to the antenna systems for the Anti-Radiation Projectile (ARP) was the basis for the Technical Director Award he received.

Schiavone has been involved in work on microwave circuits and devices since his graduation in 1957 from Rensselaer Polytechnic Institute in Troy, N.Y. He came to China Lake in February 1980. Prior to that time, he had been employed by private industry.

Schiavone moved to this area from Boulder, Colo., where he worked for 5 1/2 years on microstrip antennas and microstrip circuitry for Ball Aerospace, a firm that performed work under contract on the antenna portion of various systems, including the Global Positioning Satellite and a satellite system called SEASAT that utilized a giant, synthetic aperture antenna.

Before moving west, Schiavone was employed by Raytheon in Waltham, Mass.; by Alpha Industries in Woburn, Mass.; and by Varian Associates in Beverly, Mass.

Police reports . . .

The loss of a government calculator by an NWC employee who was on travel was reported last Friday to China Lake police. Value of the missing calculator was set at \$310.

PURSE DISAPPEARS — Theft of a purse and its contents was reported last Friday by a Murray Junior High School student. The missing purse, valued at \$11.70, was removed from a gym locker.

MONEY STOLEN — A Navy woman assigned to duty at the Armitage Airfield hotline reported the theft of \$65 from her purse, which had been left unattended while she was busy working. The incident occurred sometime during the regular working day last Friday, and the victim notified police shortly after 7:15 p.m.

PARKED VEHICLE DAMAGED — Damage to the front bumper of a jeep left parked overnight last Saturday in the Capehart B housing area was reported Sunday morning to China Lake police. Cost of repairing the vehicle's bent bumper was estimated at \$20.

CHILD ENDANGERMENT — A young married couple residing on the Naval Weapons Center face a possible charge of child endangerment after China Lake police were called Sunday to assist in locating their 1-year-old son.

The youngster was found asleep in a closet in his home, which was in such poor condition due to lack of adequate housekeeping that police placed both the boy and his 7-year-old sister in protective custody and sent them to Bakersfield.

A copy of the China Lake police report on this matter will be sent to the Kern County Juvenile Probation Department for possible further action.

ELECTRONIC DEVICE MISSING — A firing box — an electronic device that controls drone flight — was reported missing from a portable building at Echo Range on March 19. The firing box is valued at \$780.

TWO CAMERAS VANISH — The Navy Exchange Retail store reported that one of two Minolta cameras checked in with a shipment from a supplier vanished within two hours of its arrival. Price of the missing camera was \$112.50.

GOV'T PROPERTY TAKEN — A theft of government property — a calculator valued at \$299 — was reported Tuesday morning to China Lake police by personnel who work at one of the range area buildings located adjacent to Tower 8 on the G-1 Tower Road.

TEL-MED TAPE OF WEEK — Everything you ever wanted to know about drugs, but were afraid to ask, is available at Tel-Med. By dialing 446-3541, and asking for tape No. 137, information on marijuana—physical and psychological effects — will be forthcoming. Also available and of interest to everyone living in today's drug culture, are: "Amphetamines and Barbiturates," tape No. 136; "How Safe Are Drugs?" tape No. 140; and "LSD," tape No. 134.



SOLDERING WORK DESCRIBED — The operations involved in preparing printed wiring boards by personnel of the Engineering Department's Soldering Technology Branch were demonstrated for the benefit of Col. Tony Vanagas, USAF, during a recent visit here from the Defense Contracting Administrative Services Management Office in Los Angeles.

Burro reduction program . . .

(Continued from Page 1) vehicle. The driver, fortunately, received only minor injuries. The burro was killed.

Only 275 square miles of the more than 1,700 square miles encompassing the Navy's largest research, development, test and evaluation facility were involved by the two emergency reduction programs. Carcasses of burros were left in locations in which they were destroyed throughout the uninhabited area. Under California law carcasses must be left where the animals are destroyed unless they are close to a road or building and would cause a health hazard.

Each animal destroyed during the reduction programs was examined by a professional biologist to determine, among other things, its health. The majority of the jennies were found to be in poor health, apparently due to starvation. The jacks, in general, were healthy.

A long-term Center burro management program, developed by professional animal population specialists under the requirements of the National Environmental Policy Act, is nearing final stages. It is expected to be implemented by early summer.

The Navy has complied with all federal environmental and legal requirements that apply to the Center on the two emergency reduction programs.

The public has suggested that the runway area be fenced to keep burros out. Fencing, such as standard five-strand barbed wire or chain link, is not feasible. Fencing would deny ready access to the outside runway area to crash trucks and ambulances responding to emergencies if an accident occurred. Fencing would still not solve the burro over-population problem.

Burros, descendants of animals abandoned by miners and charcoalers, have created a long-term problem throughout the arid southwest because they have increasingly destroyed the natural habitat of native and endangered wildlife. Burro populations have exploded. The average jenny can produce 20 foals during her

breeding lifetime. The burro population pressure has increasingly driven the burros into the Center's inner test range areas. This has created mounting safety hazards to military aviators flying from the airfield and military and civilian drivers on test range roads.

The Navy attempted to solve the burro problem near the airfield last year through an arrangement with the Bureau of Land Management (BLM) under its "Adopt-A-Burro" program. BLM wranglers removed 258 burros between March 1980 and January 1981.

Because of the rapid burro population increases, this program did not solve the problem. Burros still roamed runways and roads. However, another recent agreement with the BLM has been made to allow BLM wranglers to continue a live removal program of animals still found in inner test range areas.

Assessments now due from GEBA, CLMAS members

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of Charles Harris, Jr. This is assessment No. 543.

The deceased, who was retired from NWC's Public Works Department, died March 23.

The collection of assessments is being handled by Larry Mason, GEBA and CLMAS treasurer. They can be mailed to him at P.O. Box 1559, Ridgecrest, Calif. 93555.

NWC employees interested in joining GEBA and CLMAS can obtain information on membership by calling Mason after working hours at 446-4794.

Decision due Tuesday on life insurance coverage

All Naval Weapons Center employees must make a new life insurance election during the March open season.

Anyone who has not done this should contact his or her department office for an enrollment form and return the form to the department office prior to 4:30 p.m. on Tuesday.

March 31 is the last day to enroll for Federal Employees Group Life Insurance.

Registration of kindergartners for school in fall begins Mon.

Registration of youngsters who will be entering Sierra Sands Unified School District kindergarten classes next September will begin next week.

There will be a single registration session on Monday from 8 a.m. to 12 noon at the Inyokern Elementary School. Thereafter on weekdays during the same hours kindergarten registration will be held at the Grace Lutheran Church, 502 Norma St., Ridgecrest, from Tuesday, March 21, through Wednesday, April 8.

Parents are asked to make an appointment to have their prospective kindergartners registered at either of these two locations by calling 375-4461.

Children must be five years of age on or before Dec. 1, 1981, to be eligible for attendance in kindergarten for the 1981-82 school year. Proof of age must be presented at the time of registration.

Recognized proof of age can be a birth certificate, a baptismal certificate duly attested, a passport, or a legally executed affidavit by the parent, guardian or custodian of the child. Affidavit forms are available at the school district office, 113 Felspar St., Ridgecrest, and may be obtained prior to registration.

Speaker at AIAA meeting to discuss soaring technology

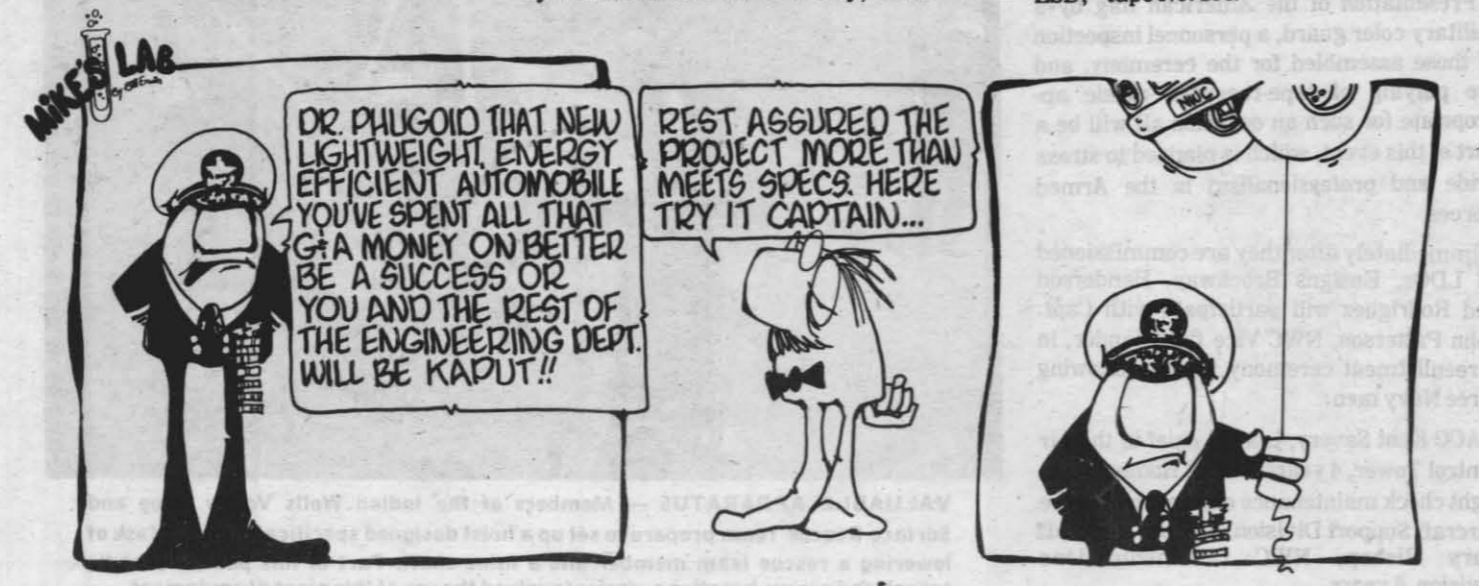
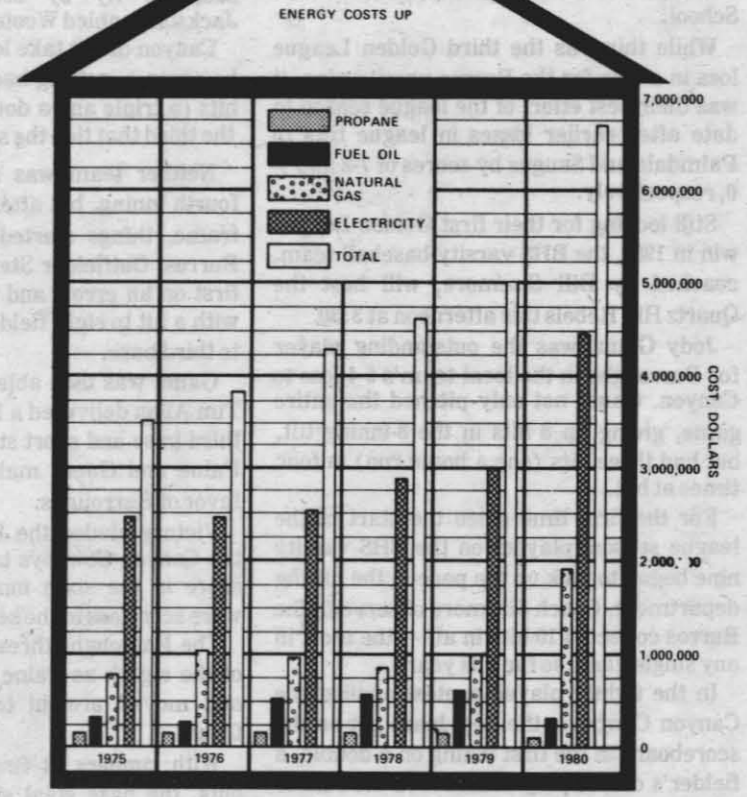
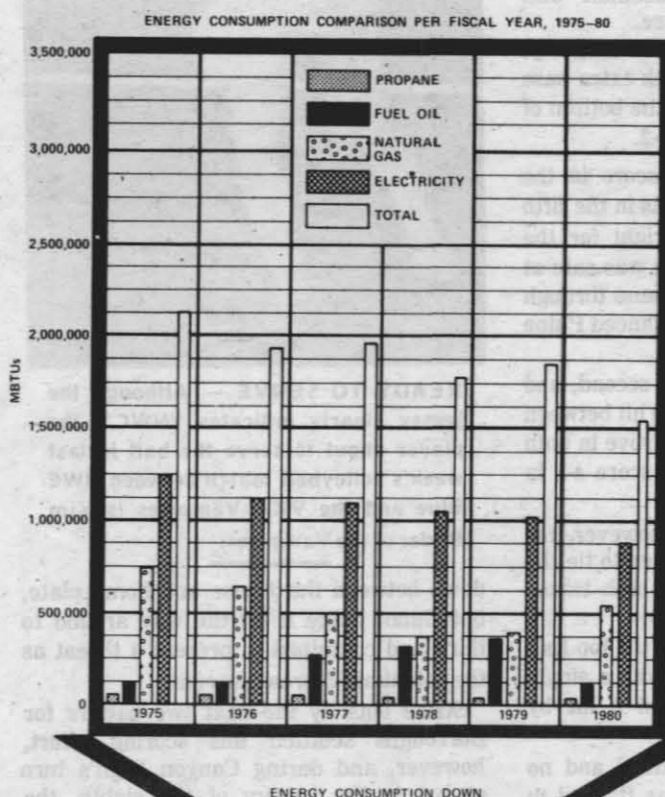
A talk and film slide presentation on the current development of soaring technology will be presented by Bertha Ryan during a luncheon meeting of the China Lake Section of the American Institute of Aeronautics and Astronautics (AIAA).

The meeting, which is open to all interested persons, will be held next Friday, April 3, at 11:30 a.m. in the Chart Room of the Commissioned Officers' Mess.

The speaker will review the development of soaring technology from the time of the Wright Brothers to the present, and also make an informed guess about soaring in the 21st century. The technology to be discussed includes the interaction of structures, materials, aerodynamics, meteorology, instrumentation and tactics.

Miss Ryan is an Associate Fellow of AIAA and an aerospace engineer in the Thermal/Structures Branch of the NWC Ordnance Systems Department. She first soloed an airplane in 1945 and was introduced to sailplanes in 1950 while a graduate student at MIT.

Reservations to attend the AIAA meeting can be made by calling Frank Wu, at NWC ext. 3551, or Larry Strutz, at ext. 2820.



PRICE KEEPS GOING UP — Even though the Center's total energy consumption has declined, total energy costs have nearly doubled in the past five years and prices continue to rise.