

### Well-known country, western music star to be here Jan. 28

A country and western-style dance, featuring Ernest Tubb and his Texas Troubadors musical group, will be presented on Saturday, Jan. 28, from 9 p.m. to 1 a.m. in Joshua Hall at the Desert Empire Fairgrounds in Ridgecrest.

Tubb, who has been an entertainer for 45 years, is famous for his appearances as a singer on the "Grand Ole Opry" program for the past 35 years. In addition, he is a successful song writer and has two record shops in Nashville, Tenn., that are tourist attractions.

His appearance here has been arranged by the Indian Wells Valley Century Football Association, and all proceeds from the admission price of \$3 for tickets purchased in advance (or \$4 per person at the door on the night of Jan. 28) are earmarked for use in helping to pay for additional seating and other improvements at the Burroughs High School football stadium.

Tickets to this country and western dance



Ernest Tubb

and songfest are now being sold in Ridgecrest at the Victory Market, Hucek's Travel Service and at the Baker Bros. furniture store. They also can be obtained at the Buttermilk Acres Store on Inyokern Rd. and at the Inyokern Market.

The IWV Century Football Association has been joined by the Sierra Sands Unified School District and the Associated Student Body Association of Burroughs High in contributing funds for improvements at the Burros football stadium.

### Tryouts slated for CLOTA production 'Inherit the Wind'

Tryouts for "Inherit the Wind," the Community Light Opera and Theater Association's (CLOTA's) first production of the 1978 season, will be held on Monday, Tuesday and Wednesday, starting at 7:30 p.m., at the CLOTA hangar (located on Upjohn Rd., behind the El Rancho Motel in Ridgecrest).

Fred Stahlman, the director, is looking for a multitude of actors and actresses (40 in all) to fill the variety of roles in this dramatic recreation of the famous Scopes monkey trial. Four of the parts in the play are available to young people between 10 and 14 years of age.

A monkey also is needed for one scene, and the part of the organ grinder is open to anyone interested in loaning a pet monkey for the performances.

Persons desiring more information may contact Stahlman by calling him at 375-5214 after 4:30 p.m.

### Special 'Steak Night' at COM scheduled Saturday

A special "steak night," featuring a complete T-bone steak dinner for \$5, is scheduled at the Commissioned Officers' Mess tomorrow from 6 to 10 p.m.

The COM will also serve two special dinners later this week from 6 to 9 p.m. They are a Hawaiian Polynesian Kebob dinner on Tuesday and a top sirloin special for \$3.50 on Wednesday.



RAPT LISTENERS—Mary McMullen, Terry Werle, J. C. Clark, and Jack O'Guin (from left) receive directions from Florence Green (back to camera) on their parts in "The Clear Day That the Gypsy Could See Forever on the Dark of the Moon." This spoof on Community Light Opera and Theatre Association productions of the past season will be presented at the theatrical organization's annual banquet, which is scheduled next Friday night, Jan. 27, at the CPO Club.

### CLOTA to celebrate 12th season at awards banquet on Jan. 27

The Community Light Opera and Theater Association will celebrate the end of its 12th season with an annual banquet next Friday, Jan. 27, at the Chief Petty Officers' Club. All local residents are invited to the banquet, which will feature a buffet dinner with ham and roast beef, CLOTA's annual "best-of-the-year" awards, a short business meeting, and a skit entitled "The Clear Day That the Gypsy Could See Forever on the Dark of the Moon."

This skit, written by Florence Green and Elena Vitale, features members of the theatrical organization who ordinarily function in backstage roles, and spoofs the three productions of the season just past.

At the conclusion of the meeting, banquet attendees will dance to the music of Rip Fang and the Sidewinders, a popular local country rock group that has been "adopted" by CLOTA during the past year, having played at several of the organization's fund-raising endeavors.

Under the leadership of Ronnie Thompson, Rip Fang and the Sidewinders have played at most local clubs and night spots

for the dancing enjoyment of an increasing number of valley residents.

Highlight of the CLOTA meeting will be presentation of the Jane Bugay Memorial Award, the highest honor the theatrical organization can pay to one of its members. The award goes to someone chosen by the board as having made an outstanding sustained contribution to the organization over a number of years. This year's recipient will be the sixth to be so honored.

A report on progress in obtaining a new rehearsal facility will be given by Jim Werle, maintenance chairman, and Ted Lotee, building chairman. Also on the agenda are introduction of next season's directors and a short summary of events that have occurred during the past year, given by CLOTA President Jack O'Guin.

Reservations for the banquet must be made by Monday. Tickets for the entire evening cost \$7.50 each, and may be reserved by calling Terry Werle at 446-2383, or Suzanne Koerschner at 377-4527. A social hour will begin at 6 p.m., followed by the banquet at 7. The band will begin playing shortly after 9 p.m.

### Happenings around NWC

The Chief Petty Officers' Club will serve a special prime rib dinner tonight from 6 to 9 for \$6.25. Musical entertainment for dancing and listening follows the dinner from 9 to 1 p.m.

#### Hot Lunch at Shuttle

The hotline buffet lunch is now in operation at the Shuttle from 11 a.m. to 1 p.m. Dinner is served on Tuesdays, Wednesdays, and Fridays from 6 to 8 p.m.

#### Control Pet Population

"Every litter-bit hurts" notes Pat Gay, head of the local Spay and Neuter program. Local residents are reminded that this is a good time of the year to have dogs and cats spayed or neutered before the annual springtime population explosion of puppies and kittens. Arrangements for spaying or neutering

of pets can be made with local veterinarians.

#### Sale Set at Thrift Shop

The Thrift Shop (on N. Lauritsen Rd. across from Schoeffel Field) will have a January half-price clearance sale on Tuesday evening, from 7 to 9, and next Thursday morning (Jan. 26) between the hours of 9 and 11.

#### Rehearsals To Begin

Rehearsals for the China Lake Players first production of the year, "Raisin in the Sun," began this week. The play is scheduled to be presented during the first two weekends in March.

Elena Vitale, director, notes that this is the first production in the local area which will feature an all black cast — with the exception of a white, middle-aged businessman type.

## SHOWBOAT

### MOVIE RATINGS

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

(G) - ALL AGES ADMITTED

General Audiences

(PG) - ALL AGES ADMITTED

Parental Guidance Suggested

(R) - RESTRICTED

Under 17 requires accompanying Parent or Adult Guardian

Regular starting time—7:30 p.m.

Program subject to change without notice.

- For further information call NWC ext. 2259

FRIDAY 20 JANUARY

#### "SWEET REVENGE" (89 Min.)

Stockard Channing, Sam Waterston

(Comedy Drama) Seattle is Stockard Channing's playground as she nimbly steals cars and pursues her dreams of owning an expensive Ferrari. She overhauls an old Volkswagen with parts from one that was stolen, and plans to re-steal the car until she has enough money for the Ferrari. (PG)

SATURDAY 21 JANUARY

#### "THE TOWN THAT DREADED SUNDOWN" (90 Min.)

Ben Johnson, Andrew Prine

(Action-Horror-Drama) This film is based on a series of gruesome murders that rocked a small Texas-Arkansas border town back in the '40s and drew nationwide media coverage. The citizens of Texarkana are gripped with fear over the sadistic nighttime slayings of parked lovers by a madman who terrorizes his male victims to near-death and then turns his murderous attention to the females. (R)

SUNDAY 22 JANUARY

#### "HERBIE GOES TO MONTE CARLO" (105 Min.)

Dean Jones, Don Knotts

(Comedy) Racing driver Dean Jones attempts a comeback after 12 years. He enters his Volkswagen Herbie in a Paris to Monte Carlo race, accompanied by mechanic Don Knotts. They contend with Herbie's independent actions, diamond thieves and their race rivals. Jones becomes interested in racer Julie Sommers and Herbie falls in love with her car, a Lancia named Giselle. The love bug turns the great race into a Herbie Derby. Released July '77 (G)

WEDNESDAY 23 JANUARY

#### "SORCERER" (121 Min.)

Roy Scheider, Francisco Rabal

(Action Drama) Four outlaws are thrown together by fate in Porvenir, a South American jungle village, where they have become workers for an American oil company. Each man is attempting to escape from his past. One is a murderer; another, a terrorist; the third, a thief; and the fourth is fleeing from financial ruin. These four men share a fantastic adventure and risk the only thing they have left to lose, their lives. Released June '77 (PG)

FRIDAY 27 JANUARY

#### "NETWORK" (121 Min.)

Peter Finch, Faye Dunaway

(Drama) This behind the scenes look at television charges through the staff, studios and executive offices of fictional UBS (United Broadcasting System), a network with ratings so low that it is an industry joke. A veteran evening news anchorman, Peter Finch, is about to get the axe. When Finch announces his firing on the air as well as his decision to commit suicide, he throws network chiefs into a panic, but the ratings soar. He also presents programmer Faye Dunaway with the opportunity to backstab her way into the network big league by displaying the news as an entertainment with Finch as a celebrity figure of questionable mental stability. (R)

SATURDAY 28 JANUARY

#### "NICKELODEON" (107 Min.)

Ryan O'Neal, Burt Reynolds

(Drama) This is a slapstick tribute to the pioneer filmmaking era which combines romance, comedy and drama. Set in the early '1900s, "Nickelodeon" recalls the days of Mary Pickford and the 5-cent theater admission, when independent filmmakers were apt to set up shop in storerooms and were fearful that at any moment they would be muscled out of business by the "big guys." The film is the story of a group of characters who stumble into movie careers as a result of chance. (PG)

U.S. Government Printing Office: 1978-109

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

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

# nwc rocketeer

Naval Weapons Center  
China Lake  
California

January 20, 1978

Vol. XXXIII, No. 3



HM2 Yvonne M. Conley

AD2 Scott Ely

YN1 Kathy Helton

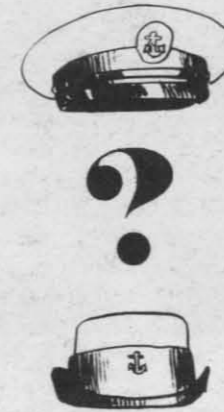
AOAA Nathaniel Snelling

BM2 Robert R. Stearman

AD1 Garry Walker

AMH1 Michael J. Zych

The Winner



### RAdm. Harris forecasts good year ahead for NWC

A report on what he anticipates will be an outstanding "business year" in 1978 was presented by Rear Admiral William L. Harris, NWC Commander, during talks which he delivered on Monday night at the Ridgecrest Chamber of Commerce installation dinner, and on Wednesday morning at the Kern County Business Outlook Conference in Bakersfield.

"Our payroll is expected to exceed \$90 million, and our plans project more than \$19 million for business locally," the NWC Commander noted during his talk at Monday night's Ridgecrest CofC meeting.

This report to the local businessmen's group and civic officials in Ridgecrest included portions devoted to capital improvements and expansion of facilities, military construction, as well as the outlook for technical programs.

"We are planning, starting in 1979, a major modernization program designed to improve our range capabilities to meet the testing requirements of even more sophisticated systems over the next 25 years," the Skipper told his local audience.

#### Awaiting Congressional Action

The first large project is before Congress now and, if approved, will provide a new range control center that will cost more than \$3 million. In addition, now in the design stage and expected to be in the bidding process by November are a boiler plant modernization program (estimated cost \$1 1/2 million), and new energy savings controls on the Center's major buildings.

Also coming up will be the start of construction work that is expected to total approximately \$1 million in connection with the relocation of the mission and function of the National Parachute Test Range from El Centro to China Lake. This relocation, which was announced last November by the Department of Defense, will be completed by mid-1979, and will result in an increase in the Center's staff by about 118 civilian and 70 military personnel, RAdm. Harris stated.

In addition to NWC's military construction program, the Center has begun an ambitious alteration, maintenance, and

repair program that should provide construction contracts totaling approximately \$4 million over the next year. "If all of this construction and facilities repair work proceeds as we expect, the Center will be awarding contracts for some \$8 1/2 million worth of new work, commencing this year," RAdm. Harris said.

Commenting on the outlook for technical programs, the NWC Commander told those who attended the Ridgecrest CofC's installation dinner that the Center will have more than 700 projects of varying size in progress during 1978. Singled out for special mention was the Sidewinder AIM-9L. This, the sixth version of the Sidewinder "is by far the best, with greater range, and more maneuverability and lethality than any of its predecessors," the speaker said.

Other major efforts mentioned were the



DRONE USED IN MISSILE TESTS — Charles Darrah, an engineering technician in the Targets Division of the Aircraft Department, checks the swivel release for the main parachute on a Firebee drone similar to those used here during the interface testing of the Sidewinder AIM-9L missile with the weapon system of the U.S. Air Force F-15 Eagle aircraft. The Firebee, which is 23 ft. long and has a wingspan of 13 ft., is capable of reaching a speed of 500 mph and can be operated at a maximum altitude of 60,000 ft. —Photo by Ron Allen

INSIDE . . .

- Scouter Wins Top Award . . . . . 2
- United Way Fund Allocations . . . . . 3
- Seabee Reservists Inspected . . . . . 4
- Summer Job Exam Deadline . . . . . 5
- Sports . . . . . 6
- CLOTA Award Banquet Slated . . . . . 8

### NWC Bluejacket of the Year banquet slated Saturday

The suspense that has been building up regarding selection of NWC's 1977 Bluejacket of the Year will be resolved tomorrow night at the ninth annual award banquet, which will take place at the Chief Petty Officers' Club.

This yearly event, which is sponsored by the Indian Wells Valley Council of the Navy League, will begin with a social hour at 6:30 that is to be followed by a roast beef dinner, which will be served at 7:30.

Each of the Bluejackets in attendance will be the guest of individual sponsors who are members of the Navy League. The candidates for this special honor that is bestowed by the Navy League on NWC's outstanding enlisted sailor of the year, and their duty assignments, are:

HM2 Yvonne M. Conley, petty officer-in-charge of the Surgical Service Department at the local Branch Clinic of the Navy Regional Medical Center, Long Beach; AD2 Scott Ely, a member of Air Test and Evaluation Squadron Five's (VX-5's) Power Plants Branch; YN1 Kathy Helton, secretary to the VX-5 Commanding Officer; and AOAA Nathaniel Snelling, who is assigned to the VX-5 First Lieutenant's Division.

Others are: BM2 Robert R. Stearman, NWC's assistant BEQ manager and assignment desk petty officer; AD1 Garry Walker, petty officer in charge of the airfield's Power Plants Shop, and AMH1 Michael J. Zych, the airfield's Hotline supervisor.

Four other Bluejackets of the Month, who

(Continued on Page 3)

### China Lakers assist in integration of AIM-9L with F-15 weapon system

Ten AIM-9L and one AIM-9J Sidewinder missiles were launched during recent interface testing of the missile with the U.S. Air Force F-15 Eagle aircraft.

The combined Air Force/McDonnell Aircraft tests were conducted by the F-15 Joint Test Force (JTF) at Edwards Air Force Base. JTF, Naval Weapons Center and contractor personnel were sent to the

Armament Development and Test Center (ADTC) at Eglin Air Force Base in Florida, which provided range support for the tests. The actual test launches occurred at both ADTC and here at NWC.

A sizable number of Center employees were involved in this test program, which was carried out over a period of approximately 4 1/2 months. The missiles were assembled and checked out by personnel from the Engineering Department's Production Engineering Branch (Code 3623), and telemetry support was provided by the Range Department's Telemetry Systems Branch.

In addition, hardware preparation and fuzer analysis support was provided by Fuze Department employees from Codes 3321 and 3343; missile flight analysis was the province of the Systems Development Department's Software Engineering Branch, and the Air Projects Office in the Test and Evaluation Directorate handled coordination of these Sidewinder tests with other tests on the NWC ranges.

The overall program coordinator during the testing of the Sidewinder missiles with the F-15 Eagle aircraft was Leroy Corlett, an engineering technician in Code 3623, while Edward Claxton, an equipment specialist also in Code 3623, maintained hardware control for the entire program, and Richard Truax, of the T&E Directorate's Air Projects Office, was the range coordinator.

Vern Gallaher and James Baker, two electronic technicians from Code 3623, were

(Continued on Page 5)

## Donald Zurn wins Boy Scout Silver Beaver award for service to youth

Donald E. Zurn, a physical science technician in the Aerothermochemistry Division of the NWC Research Department, was one of four Kern County men to receive the Silver Beaver, scouting's highest award for service to youth.

The presentation took place during the 56th annual Southern Sierra Boy Scout Council's Scouting USA recognition dinner, which was held last Friday at the Civic Auditorium in Bakersfield.

Zurn, a former Boy Scout, is a 1950 graduate of Burroughs High School who started to work at China Lake 21 years ago as a participant in the old Apprentice Program. For the first three years, he was assigned to the Engineering Department, but has been with the Research Department since 1967.

At the present time he is the advisor to Explorer Post 831, a scouting unit sponsored by the Ridgecrest Kiwanis Club. Over the many years of his involvement in the Boy Scout's Desert District, he has served as district camping chairman (for three years), at various times as the neighborhood commissioner and as an assistant scoutmaster, and was the Scoutmaster of Troop 848 for six years.

Zurn has three sons who have gone through the scouting program. They are Ronnie, 19; Randy, 17, and Roger, who is 15.

The citation which accompanied his Silver Beaver award noted that Zurn "has inspired excellent parent participation for his many troop and post activities, which range from a 50-mile canoe trip down the Colorado River to a day at Magic Moun-

tain."

The Silver Beaver awards were presented to Zurn and the three other recipients by Ellet Jackson, vice-president of the Southern Sierra Council, Boy Scouts of America. The other adult leaders who were similarly honored were Jim Ash of Lake Isabella, Warren Nettleton of Bakersfield, and Chuck Torres of McFarland.

At the same time, more than 100 other awards were presented to scouting leaders from throughout Kern, Inyo and Mono Counties.



Donald E. Zurn

## Local participation in National Prayer Breakfast slated Feb. 2

Plans were announced this week for local participation in the 1978 National Prayer Breakfast, which will take place here on Thursday, Feb. 2, starting at 6 a.m. at the Chief Petty Officers' Club.

This will be one of many similar events patterned after the National Prayer Breakfast in Washington, D.C., which is founded on the idea that persons in positions of responsibility can meet together in prayer to rededicate themselves to the moral and spiritual values upon which this nation was founded.

The President, the Vice President, the Cabinet and members of the U.S. Senate and House of Representatives, the Supreme Court, government officials, military leaders and other dignitaries in Washington usually attend.

The local event is being sponsored by the NWC All Faith Chapel, and the inspirational speaker will be Harry Parode, who heads the NWC Office of Information. The program also will include prayers, scripture readings, and appropriate music, in addition to the playing of tape-recorded messages from highly placed government and military officials.

There will be a donation of \$1 each for the 250 tickets which, due to the limited seating capacity of the CPO Club, will be available for the breakfast. The tickets can be obtained at the All Faith Chapel office or from representatives of the Protestant, Catholic, Hebrew and Unitarian congregations.

## Filmstrip on genetic diseases scheduled tonight at Chapel

A filmstrip entitled "The Tragic Legacy," which deals with seven Jewish and other genetic diseases, will be presented tonight at 9 in the East Wing of the All Faith Chapel.

This presentation, which will take place following the regular Sabbath service of the NWC Hebrew Congregation, has been arranged by the Jewish Women's Club, whose members believe that education is the best way to fight the problem of genetic diseases.

The program is open to all interested persons. Arrangements have been made for the issuance of visitor passes to those in the local area who wish to attend, but do not have access to the Naval Weapons Center.

## Promotional Opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 094 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisor appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL, and WS positions are defined in CSC Handbook X-118C.

**Electrical Engineer, GS-850-9/11/12, PD No. 7145921-2, Code 3254** — This position is located in the Design Engineering Branch, Engineering Division, Ordnance Systems Department. (Duties are described at the GS-12 level.) As a design and construction electrical engineer, the incumbent is responsible for the design, purchase, and installation of power, power control, lighting, communication, power distribution, and other electrical equipment. Tasks include work on building services equipment (heating, lighting, ventilation), test facilities, safety appliances, communication devices, etc. Incumbent determines the location of all control devices, panels and wiring passages, circuitry, safety devices, etc., with due regard for the hazardous explosive-propellant work of the department. Makes all necessary computations regarding equipment and prepares cost estimates, time schedules, specifications for installations and equipment, and drawings to guide trade workers. Performs studies of electrical requirements for new facilities or special equipment. Job Relevant Criteria: Knowledge of electrical design and theory; knowledge of electrical codes, regulations, and safety requirements; knowledge of electrical safety as it relates to explosives-propellant hazards; ability to direct and coordinate work projects.

**Clerk-Typist, GS-322-3/4, PD No. 7732030-1, Code 3272** — Applications from status eligibles will be accepted. This position is located in the Explosives/Propellants Branch, Propulsion Systems Division, Ordnance Systems Department. Incumbent types a variety of technical reports and correspondence, usually from handwritten roughs, and is responsible for correct spelling, punctuation, grammar and format. Reviews and distributes incoming mail to appropriate personnel; establishes and maintains branch files; maintains branch head's calendar, using judgment and discretion; gathers information for meetings; performs miscellaneous clerical duties (stub requisitions, work authorizations, travel orders and arrangements, timekeeping, etc.). Job Relevant Criteria: Ability to type with speed and accuracy; knowledge of correct spelling, punctuation, and English usage; knowledge of Naval filing procedures; ability to deal tactfully but effectively with all levels of NWC personnel.

**Clerk-Typist, GS-322-3/4, PD No. 7832060-1, Code 3269** — This position is located in the Bomb Development Branch, Conventional Weapons Division, Ordnance Systems Department. Incumbent types a wide variety of material, usually handwritten, into final copy or clean rough drafts. Serves as branch receptionist; reviews, logs, and distributes branch mail; composes intra-center memoranda and letters of transmittal; maintains branch files; receives, safeguards, and returns classified documents; performs other clerical duties (travel orders and itineraries, timekeeping, etc.). Job Relevant Criteria: Ability to type with speed and accuracy; knowledge of Naval and NWC regulations regarding classified information; knowledge of correct spelling, punctuation, and English usage; ability to get along with others in the work group, and ability to type efficiently and accurately.

**Clerk-Typist, GS-322-3/4, PD No. 7708488N, Code 0831** — This position is located in the Reports and Analysis Branch, Budget Division, Office of Finance and Management. The incumbent maintains the branch head's calendar; prepares and types correspondence and memoranda; prepares smooth copy of technical budget materials; maintains office manuals. Job Relevant Criteria: Ability to type rapidly and accurately; knowledge of Navy correspondence and filing procedures; ability to work independently; ability to deal effectively with people.

**Clerk Typist, GS-322-3/4, PD No. 7823003, Code 2351** — Applications from status eligibles will be accepted. This position is located in the Applied Photography Branch, Photographic Technology Division, Technical Information Department. Incumbent processes work requests for photographic services, which includes reviewing for adequacy of information, logging, distributing, and tracking; notifies customers of job completion; receives telephone and personal calls; schedules meetings and conferences; makes travel arrangements; requisitions supplies and equipment; receives and distributes incoming mail; types file cards, forms, scripts, scenarios, and texts. Job Relevant Criteria: Ability to type with speed and accuracy; ability to deal tactfully but effectively with all levels of NWC personnel; knowledge of photography and audiovisual terminology and techniques; ability to perform a variety of clerical functions.

**Clerk-Typist, GS-322-3/4, PD No. 7437873, Code 6234** — This position is located in the Range Support Branch, Range Instrumentation Support Division, Range Department. The incumbent provides clerical and typing assistance to the branch heads and personnel of the Range Support Branch, the Range Electronics Development Branch, and the Range Optical Development Branch. Duties include clerical, typing, timekeeping, and editorial services for the three branches. Job Relevant Criteria: Reliability and dependability, ability to get along with others in the work group, and ability to type efficiently and accurately.

**Police Officer, GS-863-4/3, PD No. 7746323N, Code 2413** — Applications will be accepted from both NWC employees and status eligibles. This position is that of police officer in the Police Division of the Safety and Security Department. The incumbent will perform duties as a uniformed patrolman in the areas of both crime and traffic control and enforcement; will serve as armorer for NWC small arms and special weapons; conduct classroom and range instruction in the area of conventional small arms and special weapons; and will serve as range master for pistol and rifle ranges for both police and military personnel. Job Relevant Criteria: Knowledge of police investigation and patrol procedures. Knowledge of law enforcement regulations. Knowledge of conventional small arms and special weapons. Experience as an in-

structor in both the classroom and field environment. Experience in performing supply duties such as cataloging, filling, shipping and receiving, and conducting inventories.

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

**Procurement Clerk (Typing), GS-1106-4/5, PD No. 782314-4N/782505-1N, Code 2322 (2 vacancies)** — These positions are located in the Purchasing Branch, Procurement Division, Supply Department. Major duties include typing, assembling and distributing purchase orders, delivery orders, requisitions, supplemental stub requisitions, blanket purchase agreements, letters and memoranda; answering the telephone; receiving salesmen for the purchasing agents; and maintaining daily records of completed purchase orders for monthly and quarterly reports. Job Relevant Criteria: Procurement knowledge/experience pertinent to the position; ability to interpret instructions; ability to meet and deal effectively with others; typing skills; ability to meet deadlines under pressure.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2371.

**Sheet / Plate Metal Worker, WG-3801-11, JD No. 530N, Code 2645** — This position is located in the Public Works Department, Field Support Section. The incumbent lays out, fabricates, assembles, and installs prototypes and experimental parts and equipment made from various types of ferrous and non-ferrous metals and alloys. Uses a wide variety of hand tools and power machines for such processes as bending, forming, fitting, and welding. Job Relevant Criteria: Knowledge of materials, guides, etc.; computing and trade mathematics; layout and pattern development; ability to cut materials pertinent to the trade; ability to braze, solder, spot weld and gas weld; ability to use hand and power equipment (braking, forming, fastening, etc.); reading blueprints; ability to do sheet and plate metal work without more than normal supervision.

**Sheetmetal Mechanic, WG-3806-11, JD No. 540N, Code 2645** — This position is located in the Public Works Department, Field Support Section. The incumbent works with sheetmetal of 10 to 26 gauges in thickness (.019 to .125) and occasionally works with thinner metals up to 1/4 in. in thickness; does layouts; fabricates, assembles and installs, and repairs objects and equipment. Job Relevant Criteria: Ability to fabricate, install, repair and remove sheetmetal articles as equipment without more than normal supervision; ability to perform layout and pattern development from blueprints, drawings and sketches; ability to follow blueprints, plans, sketches, specifications, and oral instructions; ability to operate stationary metalworking equipment; ability to use hand tools.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 210, Ph. 2293.

**Sheetmetal Mechanic, WG-3806-11, JD No. 395N, JD No. 217-2N, Code 2641** — This position is located in the Public Works Department, Metal Section. The incumbent works with sheetmetal of 10 to 26 gauges in thickness (.019 to .125) and occasionally works with thinner metals of up to 1/4 in. in thickness. Helps in layouts, fabricates, assembles and installs, and repairs objects and equipment. Job Relevant Criteria: Ability to fabricate, install, repair and remove sheetmetal articles as equipment without more than normal supervision; ability to perform layout and pattern development from blueprints, drawings and sketches; ability to follow blueprints, plans, sketches, specifications, and oral instructions; ability to operate stationary metalworking equipment; ability to use hand tools.

## DIVINE SERVICES

**PROTESTANT**

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

**ECUMENICAL**

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

**ROMAN CATHOLIC**

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

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

**RELIGIOUS EDUCATION CLASSES**

Sunday First thru 6th grades 1015  
 Sunday Pre-school & Kindergarten 1115  
 Sunday seventh & eighth (Junior High) 1900  
 Above classes are held in the Chapel Annexes across from the former Center Restaurant.

Sunday evening Ninth thru 12th grades  
 As announced "In Home" Discussion Groups  
 Youth Rallies

Contact Chaplain's Office for specifics.

**JEWISH SERVICES**

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

**UNITARIANS**

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

## Burros struggling . . .

(Continued from Page 6)

The game was a close one from start to finish, as the Hart High Indians, who led 9-8 at the end of a low-scoring first quarter, found themselves down by a single point, 24-23, at halftime.

In the third period, the Burros were outscored 17-14 and trailed 40-38 at the start of a wild and woolly fourth quarter. The nip and tuck battle got down to the final 15 sec. of play in regulation time with the Indians leading 56-54, when a steal by Steve Motte at the Hart end of the court gave new life to the locals.

A few ticks of the clock later, however, Richie Drake of Burroughs and Jeff Bugbee of Hart were tied up in a struggle for the ball at center court and a jump ball was called by the officials.

Last Second Shot Misses

The Burros regained control of the ball and a time out was called with 11 sec. remaining to play to plot the final-second strategy for getting a shot that could tie the game. Unfortunately for Burroughs, this last shot missed the mark and one of the Burros drew a foul in the ensuing scramble for the ball. Two free throws by Hart's Craig Becky then sewed up the game, 58-54, with 2 sec. left to play.

The Hart Indians tallied 12 of their 18 points in the hectic fourth quarter from the free throw line. Six of these charity tosses were hit by Gary Peters, who shared high point honors in the game with a teammate, Bill Rezo, and also with Will Levy of Burroughs.

Other leading scorers were Becky, who had 10 markers for the visitors, and Motte, who tanked 12 for Burroughs. Motte, who had 10 rebounds, led the Burros to a 39-32 advantage in this category.

Each team tallied 20 field goals, but it was Hart's 18-14 edge in free throws that turned out to be the final margin of difference in the game.

## Rec Round-up . . .

(Continued from Page 6)

a.m., and be followed from 10 to 10:30 a.m. by another class for tiny tots 19 mo. through 3 years of age.

Another swim class — this one for youngsters 4 and 5 years of age — will be held at 1 p.m. on Tuesdays, starting Feb. 7. It also will continue for six weeks. There is an \$8 fee for these lessons. Those wishing to attend will be screened during a 30-min. class that will be held on Feb. 7.

Additional information about any of the above-mentioned swimming classes can be obtained by calling the gymnasium office at NWC ext. 2334.

Blind Bogey Golf Tourney

A blind bogey golf tournament has been scheduled this weekend at the China Lake golf course.

This event, which is open to all golfers with an established SCGA handicap, will get under way at 8 a.m. on Saturday. Gift certificates good for redemption at the golf course pro shop will be offered as prizes to the winners and top runners-up in this tourney.

Hours of Open Bowling

Open bowling at Hall Memorial Lanes has been scheduled from 11 a.m. to 11 p.m. during the period from Jan. 21 through 28, as well as on Saturday, Feb. 4.

## Admiral's Cup . . .

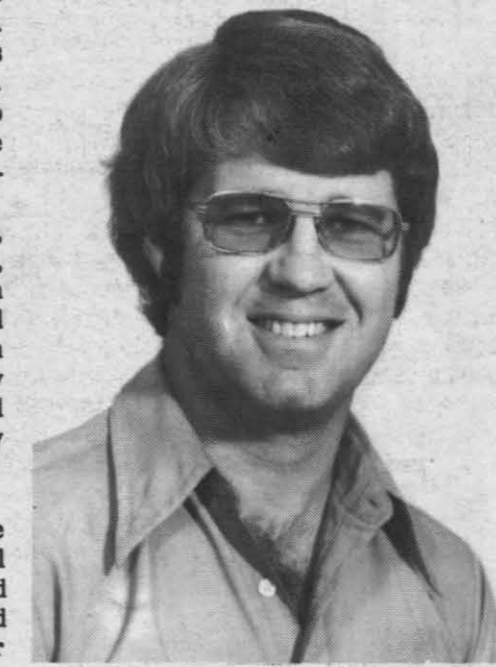
(Continued from Page 6)

team included AZ2 Sam Goode, AT2 Ronald Conner, AZ2 Greg Bishop, AMH1 Michael Zych, AA Becky Baker, AD1 Sam Weaver and AOAN Henry Johnson.

Prospective players for the Vampires of VX-5 are: Capt. L. E. Giuliani, LCdrs. Jake Platt, John Leslie and Bruce Wood, Lts. Mike Vogt, Mark Phillips, Larry Thompson and Arb Rylant, and DP3 Lloyd Parmer, AT2 Robin McCallister and AN Jose Sandoval.

The question of who would represent NWC South in the Admiral's Cup racketball event remained a mystery at press time for this issue of The ROCKETEER.

## Employee in the spotlight



Dr. James L. Stanford

love it." Jim was born and grew up in Martin, Tenn., where he was graduated from Martin High School before entering the local branch of the University of Tennessee. It was there that he met his wife, Eleanor, who was completing a home economics degree in Related Arts and Crafts. He adds with a laugh that "she's a very talented, crafty person."

Both Jim and Eleanor are very involved with the activities of their children, Andy,

16, Jeff, 13, and Alison, who is 10. "I really enjoy my kids," says Jim. "They are more like friends or companions than kids."

Andy is very active in music and pistol shooting competition; Jeff, with motocross racing, and Alison with horses and horse shows. Jim says that his main hobby currently is motorcycle mechanics — "Jeff rides his 'cycle and I keep it working properly." He is also interested in trying to get a local area set aside where kids can ride their motorcycles away from houses, where they can ride bikes and skateboards as well as race motorcycles, and is putting spare time into promoting such a place.

Community Service Activity

Jim has been active in other aspects of community service as well. He was a member of the Indian Wells Valley United Way board of directors for four years, and served as president of that organization for a year. He feels that "it makes a tremendous contribution to people's lives, and I'd like to see it continue well."

An aspect of the United Way that is especially appealing to Jim is that "serving people is getting them to serve themselves — the organization can help establish a minimum standard of humanity, and then local people can take responsibility for their situation and do something about it."

Jim summarizes his philosophy as "Life is a game to play and the way to play it best is to support life working for yourself and others — and it might as well be fun."

## Promotional Opportunities

(Continued from Page 2)

**Relevant Criteria:** Knowledge of equipment; instructions, specifications, blueprints; layout and pattern development; hand and power tools; materials; ability to do the work of the position without more than normal supervision.

File applications for the above with Cathy Rivera, Bldg. 34, Rm. 210, Ph. 2032.

**Computer Operator, GS-322-4, PD No. 7831005, Code 3143** — This position is located in the Instructional Systems Branch, Avionics Division, Systems Development Department. Incumbent will operate the NWC Versatile Training System (VTS) Facility and the digital computers used by that facility. Incumbent will load and run the computer programs, arrange work schedules, report program errors, provide assistance to remote VTS users.

**Clerk-Typist, GS-322-3/4, PD No. 7540011, Code 3161** — This position is in the Aerothermochemistry Branch of the Systems Development Department. The incumbent will type technical notes and reports, forms, correspondence, interoffice memoranda, etc.; receive telephone and office calls; receive and distribute branch mail; maintain supervisor's calendar; make travel arrangements, etc. Job Relevant Criteria: Ability to type efficiently and accurately; reliability and dependability; ability to meet deadlines under pressure; telephone answering skills. Applications will be accepted from status eligibles.

**Secretary (Stenography), GS-318-4, PD No. 7831004, Code 31** — This position is secretary to the head, Systems Development Department. Incumbent maintains the department head's calendar; sets up meetings and conferences; takes stenographic notes and minutes of meetings; receives and screens office and telephone

calls; screens incoming correspondence requiring department head action. Incumbent also reviews all correspondence for department head's signature; types a variety of reports and correspondence; and makes travel arrangements. Job Relevant Criteria: Ability to type accurately and attention to detail; ability to plan and organize work and set priorities; reliability; capacity and willingness to accept responsibility; ability to work well under pressure and adjust easily to organization, program, and procedural changes; knowledge of computer operations and procedures. Promotion Potential: GS-7.

File applications for the above with Pat Gamant, Bldg. 34, Rm. 212, Ph. 2514.

**Clerk-Typist, GS-322-3/4, PD No. 773019N, Code 2921** — This position is located in the Signal Processing and Control Branch, Weapons Development Division, Weapons Department. The incumbent types a variety of forms and correspondence; maintains personnel, accounting and security files; writes routine memoranda; performs clerical receptionist duties and other functions as required. Job Relevant Criteria: Ability to perform a variety of clerical and secretarial functions; ability to type with speed and accuracy; knowledge of Navy correspondence format and procedures, and knowledge of correct English grammar and spelling.

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

## Two teams tied for 1st, another close in Premier League

Two teams are now tied for the lead in the Premier Bowling League, and a third is just a half-game out of first place, following Monday night's action at Hall Memorial Lanes.

The Fisher Plastering keglers, who won two games and lost one to the cellar-dwelling King Max squad, edged their way into a first place tie with the Elks Lodge team, which was knocked off, two games to one, by the Hideaway bowlers.

Hot on the heels of the two first place teams are the Raytheon Sidewinders, who are just a half-game off the pace. On Monday night, both the high team game (995) and high team series (2,810) were rolled by the Hideaway squad.

High individual series for the night was rolled by Thad Brightwell, whose score was 633. Other Premier League bowlers over the 600 series mark were Bill Osborne (630), Chuck Roulant (618) and Bill Esch (604).

Premier League bowlers who had single game scores of more than 220 were: Ray Freascher (246), Roulant (226) Allen Smith (234), Brightwell (233), Esch (224 and 225), Osborne (225 and 222), and Ernie Lanterman (225).

Current standings in the Premier League are:

Team	Won	Lost
Fisher Plastering	34	17
Elks Lodge	34	17
Raytheon Sidewinders	33 1/2	17 1/2
Saddleback Sales	29 1/2	21 1/2
Hideaway	26 1/2	24 1/2
Pollock Construction	25 1/2	25 1/2
Ace Realty	25	26
Best Realty	20	31
The Place	18 1/2	32 1/2
King Max	9 1/2	41 1/2



**GOLDEN SHOE CLUB MEMBER** — Burrell W. Hays, head of the Ordnance Systems Department, congratulates Wilma Mayfield, an explosives worker in the Propulsion Systems Division of that department, on becoming a Golden Shoe Club member. The Golden Shoe award is presented to Center employees who saved themselves from serious foot injuries by wearing safety shoes. The newest club member was wearing safety shoes when a vehicle wheel rolled over her toes, and therefore received only a minor contusion rather than probable fractures.

## The Rocketeer

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**DEADLINES**

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

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Phones 3354, 3355, 2347

### Devils Guns cling to 1st place in Div. A of Intramural League

The Devils Guns Hoopsters held onto a full-game lead last week in Division A of the Intramural Basketball League. Both the Devils Guns and the second place Loewen's cagers polished off their opponents as they continued to dominate the Division A competition. The Devils Guns short-circuited the Desert Motors quintet, 44-35, while Loewen's manhandled the Clansmen, 71-58. In the only other Division A contest played last week, Desert Motors coasted to a 60-37 victory over the F.A.C. team from Trona.

In Division B action, the Foremost Boys maintained their undefeated record by registering their eighth straight win at the expense of the second place Bebops, 61-33. In a much more closely contested Division B game, the Worms cut the ground out from under the Short Horns, 45-41, and then padded their win-loss record by a forfeit win over the winless Speedway squad.

The Renegades and Wild Bunch, front-runners in Division C, each added another win last week to their record for the season. In their game with the Medicine Men, the first place Renegades came out on the long end of a 39-29 final score, while the Wild Bunch knocked off Team "W", 37-28.

Also in Division C action last week, the Lobos deflated the Gasbags, 30-16.

Games scheduled next week are as follows:

- Tuesday, Jan. 24 — Clansmen vs. F.A.C., 6 p.m.; Foremost Boys vs. Speedway, 7:15 p.m., and Team "W" vs. Medicine Men, 8:30 p.m. Wednesday, Jan. 25 — Loewen's vs. Desert Motors, 6 p.m.; Bebops vs. Worms, 7:15 p.m., and Lobos vs. Wild Bunch, 8:30 p.m. Thursday, Jan. 26 — F.A.C. vs. Devils Guns, 6 p.m.; Speedway vs. Short Horns, 7:15 p.m., and Team "X" vs. Jokers, 8:30 p.m.

#### Intramural Basketball League Standings

Team	Division	Won	Lost
Devils Guns	Division A	7	2
Loewen's		6	2
Desert Motors		3	5
Clansmen		3	6
F.A.C.		2	6
Foremost Boys	Division B	8	0
Bebops		6	3
Worms		5	4
Short Horns		1	6
Speedway		0	7
Renegades	Division C	5	1
Wild Bunch		4	1
Team "W"		3	1
Lobos		3	3
Gasbags		2	3
Medicine Men		2	4
Jokers		1	4
Team "X"		1	4

### Racketball teams to vie in Admiral's Cup competition

Teams representing NWC North (the airfield), NWC South (mainside personnel) and VX-5 will compete for top honors in the Admiral's Cup racketball competition next week starting at 5 p.m. on Tuesday, Wednesday and Thursday at the Center's racketball courts.

The first matches on Tuesday night will be between players from NWC North and VX-5, on Wednesday it will be NWC South vs. NWC North, and the windup on Thursday night will match the racketballers from VX-5 against those of NWC South.

The seven players that are on each team are to be ranked one through seven, based on their playing ability, and the rules require that one member of each team be a Navy woman.

As The ROCKETEER went to press this week, the tentative roster of the NWC North (Continued on Page 7)



STARTING OUT YOUNG — Four members of the Bullets, one of the teams in the Instructional Division of the Youth Center Basketball League, watch intently as Bill Webster, their coach, demonstrates how to hold the ball just before getting off a shot at the basket. The youngsters (7 and 8-year-olds) are (l.-r.) Travis Webster, Eric Wee, Eric Frisbee and Tim Wee. During Instructional Division games, the rules permit the officials to halt the game after an infraction of the rules in order to explain why a foul was called. —Photo by Ron Allen

### Burros varsity cagers struggling for second league win of season

Burroughs High School's varsity basketball team, which is still looking for its second win of the Golden League season after having played five games, will wind up the first half of the league season at home on Saturday night against the Palmdale Falcons.

Tip-off time for the varsity squads from Burroughs and Palmdale is scheduled at 8 p.m., following freshman, sophomore and junior varsity contests that will get underway at 3:30, 5 and 6:30 p.m., respectively.

During the past week, the Burros lost a squeaker, 58-54, to the Hart High School Indians last Friday night, but then ran into a real buzz-saw on Tuesday night at Saugus High, where the Centurions rolled up a lopsided win by a final score of 84-51.

#### Turnovers Costly to Burros

Turnovers on the part of the Burros — 10 in the first quarter (the most for a single period in any game played so far this season) and a total of 17 in the first half — hurt the local team's chances to stay in the game with the fast-moving Saugus High hoopsters, Larry Bird, coach of the BHS varsity, reported.

The Centurions opened up with a full court press and continued this style of defense until the middle of the fourth quarter, when they had the game all locked up. The Burros, who got off only 8 shots in the first quarter and scored on 4 of them, found themselves trailing 22-8 at the end of the first 8 min. of action.

Most often, Coach Bird noted, when turnovers occur in a game they take place in under the basket, but at Saugus on Tuesday night the Burros were getting a number of their passes picked off on the perimeter of their offense. This enabled the Centurions to get their fast break offense moving in high gear and penetrate quickly to score before the BHS defense could get set up.

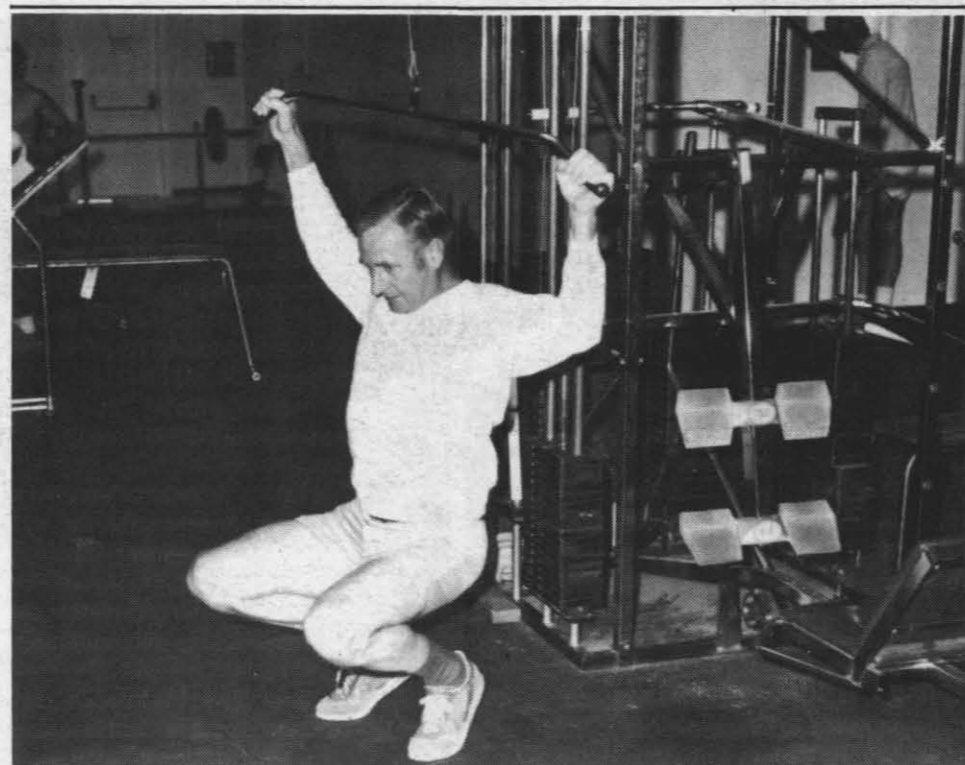
#### Big Lead at Halftime

As a result, the Saugus High cagers had more than a 2-1 edge in scoring by the end of the first half, and left the court at the intermission out in front by the sizeable margin of 46-22.

There was no let up on the part of the Centurions in the third quarter, as they outscored the BHS varsity, 25-14, thus padding their already formidable lead to 71-36 as the fourth period got under way. In the fourth quarter, the Saugus team added another 13 points while coasting to an 84-51

win. High point honors were shared by Jim Luster of Saugus and Steve Motte of Burroughs, who each scored 20. Luster's teammates Tucker, Parnell and Scopheimer chipped in with 16, 13 and 10 points, respectively, as they also broke into the double-figure scoring column. The Centurions, who are favored along with Antelope Valley to win the Golden League basketball title, hit on 38 of 62 shots from the floor, compared to 25 of 55 for Burroughs, and added another 8 points in 13 tries from the free throw line. The Burros had just 3 opportunities at the charity stripe, and cashed in on one of them. Last Friday night at the local high school gym, the Burros went into the game against Hart High School of Newhall hoping to even their league record at the .500 mark, but a chance to tie or win the game slipped from their grasp in the final seconds of a game that was a real thriller.

(Continued on Page 7)



WEIGHT ROOM EQUIPMENT PUT TO GOOD USE — Main focal point of the weight room at the Naval Weapons Center gymnasium is this piece of apparatus known as the universal gym. As many as eight persons can do varying types of body-building exercises at the same time on this particular apparatus. As this photo was taken, Phil Nelson was exercising the muscles of his back and legs by doing deep knee bends. The 8-station universal gym, which replaced a similar 4-station machine, has been available at the Center gym since mid-December. The weight room is open for use Monday through Friday, from 8 a.m. to 9:30 p.m., and on weekends from 11 a.m. to 6:30 p.m. —Photo by Ron Allen



#### Recreation Round-up

### College hoopsters schedule game at NWC gym tomorrow

The Cerro Coso College basketball team, which has an impressive 12-2 record for the 1977-78 basketball season, will be playing a Desert Athletic League game on Saturday night at the Naval Weapons Center gym.

The Coyotes will be hosting their counterparts from Victor Valley College in a game that will get under way at 7:15 p.m. Admission to the game is \$1.25 for adults and 75 cents for children. Tickets will be on sale at the gymnasium box office prior to game time.

The Cerro Coso Coyotes are led by Louis Raymond, a guard, who is the leading scorer in the state among Division II junior colleges with an average of 26 points per game.

#### 11th ND Athletic Events

The following 11th Naval District athletic events have been scheduled, and are open to military personnel from the Naval Weapons Center:

Freestyle wrestling tournament, Jan. 28; men's basketball, Jan. 30 to Feb. 3, and freestyle wrestling championship, Feb. 18. NWC military personnel interested in participating in any of these events are asked to contact Doug Nelson, the Center's athletic director, by calling ext. 2334 immediately. There will be a practice session for basketball players at 9:30 a.m. Sunday at the NWC gym.

#### Swimming Classes Slated

Registration is now being taken at the gymnasium office for a series of swimming classes for tiny tots that will begin on Feb. 7 and continue on Tuesdays for a 6-week period.

There is a fee of \$6 per student, and mothers must attend and be in the water with their children.

The class for infants from 6 to 18 months of age or younger will be held from 9:30 to 10 (Continued on Page 7)

### Bluejacket banquet set Saturday . . .

(Continued from Page 1)

have either been transferred from China Lake or been discharged from the service, were not eligible for the 1977 award. They are BU3 Marvin W. Johnson, MS3 Karen A. Lukas, AD2 Michael Podrebarac and AE3 Dale Traver.

What rewards, in addition to the special honor itself, are in store for NWC's Bluejacket of the Year for 1977 weren't known as The ROCKETEER went to press. ADJ2 Carlito Panganiban, last year's winner, received \$500 in cash, a \$25 U.S. Savings Bond, plus an NWC plaque, in addition to merchandise donated by business places in Ridgecrest. All of the other candidates for 1977 Bluejacket of the year received checks in the amount of \$75 each.

Diane Murray, president of the IWV Council of the Navy League, will preside over this special occasion at which the emcee duties will be shared by Ralph Herrick, a director of the Navy League, and Harry Parode, Navy League member who is head of the NWC Office of Information. Guests of Honor

Guests of honor at the affair will be Rear Admiral W. L. Harris, NWC Commander, and Mrs. Harris; Capt. F. H. M. Kinley, NWC Vice Commander, and Mrs. Kinley; Capt. L. E. Guillani, Commanding Officer of VX-5, and Mrs. Guillani, and FTCS D. C. Vander Houwen, Senior Chief Petty Officer of the Command, and Mrs. Vander Houwen. Following the dinner, which will be preceded by the invocation delivered by Capt. T. C. Herrmann, NWC Senior

### Annual meeting of United Way scheduled Jan. 25

The annual meeting of the Indian Wells Valley United Way will be held next Wednesday at 6:30 p.m. at the United Methodist Church, 639 N. Norma St., Ridgecrest. The meeting will begin with a potluck dinner, followed by the business meeting.

A report of the year's activities of the United Way will be made at this meeting, and both new officers and the new members of the board of directors of the IWV United Way will be introduced. Annual awards also are to be presented at this time.

The general public is invited to attend the meeting. Those planning to attend the potluck dinner are asked to notify Susie Rafal by calling her at 375-2920.



SUPPORT APPRECIATED — Rear Admiral Robert P. McKenzie (l.), Commander Light Attack Wing, U.S. Pacific Fleet, which is headquartered at Lemoore Naval Air Station, recently presented Rear Admiral William L. Harris, Commander of the Naval Weapons Center, with a plaque in appreciation of the Center's support of just completed ACEVAL-AIMVAL Tests. RADM. McKenzie was the final test director for the highly successful joint Navy and Air Force tests involving evaluation of modern aircraft and both present and conceptual air-to-air missiles.

### 1978 fund allocations announced for United Way of IWV agencies

Member agencies of the United Way of Indian Wells Valley got a belated Christmas present this week when they heard what their fund allocations would be for this year.

Their fund anticipated income for the year totals \$90,362.63. The Combined Federal Campaign—contributions from military and civilian personnel on the Center, from postal employees, and from employees of the Bureau of Land Management—share is \$68,000.21. In addition, \$15,950 was raised in the Ridgecrest campaign of the United Way. This amount was collected from local business places and schools. Carryover funds from 1977 totaled \$6,332.42.

The above total is to be divided as follows: \$77,002.63 for agency allocations, \$7,500 for "shrinkage," \$2,500 for pilot projects or new agencies' needs, \$2,000 for overhead, and \$1,360 for emergency cash flow needs.

Allocations approved by the board of directors for the 17 member agencies of the United Way of Indian Wells Valley, and for one agency being considered for mem-

bership, are as follows:

- American Red Cross, \$11,000; Boy Scouts, \$8,100; Campfire Girls, \$4,000; Children's Home Society, \$994.41; Children's Hospital of Los Angeles, \$3,172.13; China Lake Mountain Rescue Group, \$2,326.75; COORD (Committee on Responsible Drinking), \$1,000; Desert Counseling Center, \$2,092.53; Girl Scouts, \$8,548; Helpline, \$1,153.76; Homemakers, \$4,500; IWV Association for the Retarded, \$9,000; Legal Aid, \$4,000; One-to-One, \$1,552; Salvation Army, \$15,000; Travelers' Aid, \$31.35; United Service Organization (USO), \$450; and Pregnancy Counseling, \$81.70.

The money for the Pregnancy Counseling group was designated by donors; the organization is being considered for United Way membership at this time.

Funds are distributed quarterly to member agencies after receiving a statement of expenses from the agency covering its previous three months of operation.

### Final report on contributions to 1978 CFC released

The final report of the 1978 Combined Federal Campaign (CFC) shows that contributions were \$110,679.51, up 3.4 percent from last year's total of \$107,032.60. Contributors included military and civilian personnel of the Naval Weapons Center, the Ridgecrest Post Office, and the Bureau of Land Management.

Automatic payroll deduction was chosen as the method of contribution by 75.5 percent of those supporting the CFC. The average annual contribution through payroll deduction was \$50.02, while those contributing cash averaged \$25.20.

The United Way of Indian Wells Valley and its member agencies were specifically designated as recipients of \$26,405.43; the National Health Agencies were designated by donors to receive \$23,376.56; while the International Service Agencies were designated for \$5,062.20. All designations made by donors to member agencies are honored.

Including designated and undesignated funds, the United Way of IWV will receive a total of 61.7 percent of the total income projected; the National Health Agencies will receive 28.7 percent, and the International Service Agencies, 9.6 percent.

Overhead costs for conducting the annual campaign are shared by the recipients. Budgeted for the fall 1977 CFC was \$268.95, which is less than a quarter of a percent of the anticipated total receipts.

### AQ2 Dennis Raitz singled out as Sailor of Month from VX-5

Aviation Fire Control Technician Second Class Dennis H. Raitz was selected as Sailor of the Month for December by Air Test and Evaluation Squadron Five.

AQ2 Raitz is assigned to the Maintenance Department of the squadron as a weapons system maintenance technician. He works on the navigation and weapons systems of A-7 and A-6 aircraft.

In a letter of commendation, Capt. L. E. Guillani, Commanding Officer of VX-5, complimented AQ2 Raitz for his "excellent knowledge of the A-7 weapons system and meticulous attention to detail that has enabled the squadron to enjoy a high rate of success in the completion of its assigned projects and evaluations."

AQ2 Raitz, who has served in the Navy for 6½ years, says that he joined the Navy for both the educational benefits and the opportunities to travel. He chose his specialty because he was interested in electronics and wished to have opportunities to work with computers. "Besides," he added, "I enjoy aircraft and you don't get to see too many of them in Minnesota where I come from."

A native of New Ulm, Minn., he was graduated from New Ulm High School. His wife, Barbara, also spent most of her life in Minnesota, although she originally came from Canada. They are the proud parents of two daughters, Nicole, 5, and Melissa, who was born last Nov. 21.

VX-5's Sailor of the Month for December

### Relocation of NEX gasoline station, retail store planned

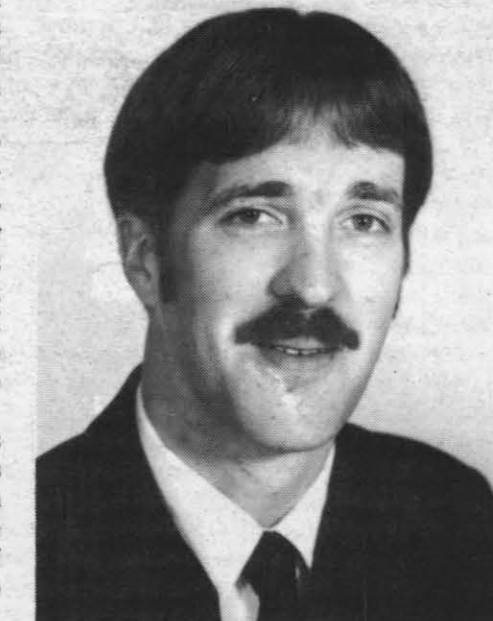
In response to numerous inquiries that he has received on the matter, Lt. M. S. Barnett, Navy Exchange officer, this week provided the following information regarding the plans for relocating various Navy Exchange operations.

The weather has delayed the move of the Navy Exchange service station from its present location to the former Fedco gasoline station on Richmond Rd. near King Ave.

Tentatively scheduled on Tuesday, Jan. 24, this move has been postponed until exterior painting work can be completed. Information on relocation of the Navy Exchange service station will be announced as soon as it becomes available, Lt. Barnett advised.

Also pending, but at least a year away at this time, is the move of the Navy Exchange retail store into the old Fazio's Market building in Bennington Plaza.

The final architects and engineers' plans for this job are expected to be completed in April, followed by the awarding of a contract in July. Based on this timetable, the renovation of the old market building and moving the Navy Exchange retail store to Bennington Plaza is not expected until a year from now, Lt. Barnett reported.



AQ2 Dennis H. Raitz



**FORE AND AFT VIEW** — Members of China Lake Detachment 0217 of Reserve Naval Construction Battalion 17 underwent their annual inspection last Saturday. The inspecting officer was Cdr. Thomas Denny, USNR-R, battalion commander, who traveled here from Phoenix, Ariz., to look over the local Seabee Reservists. In the above photo, Cdr. Denny, who is followed by Lt. Paul A. Miles, USNR-R, officer-in-charge of the local unit, is shown during the midst of the Seabee Reserve unit inspection. In photo at left, Cdr. Denny checks on the appearance of BU2 Frank Lemon (at left) and E01 Carl A. Nyholm. The local Seabee Reserve unit meets on the second weekend of each month. Currently it consists of 33 enlisted personnel and one officer. Specialists sought by the Seabee Reserve unit include equipment operators, plumbers, mechanics, electricians, and other experts in construction work. Persons interested in information about joining the Seabee Reserves should contact Lt. Miles by calling NWC ext. 3531. —Photos by CN2 Jerry Morrison



## Dr. Carl Austin to speak at meeting of Sierra Sands Section of ASQC Thursday

Dr. Carl F. Austin, head of the Geothermal Utilization Division in the NWC Public Works Department, will be the featured speaker at the next meeting of the Sierra Sands Section of the American Society for Quality Control (ASQC).

The meeting, which is open to all interested persons, will be held next Thursday, Jan. 26, at The Hideaway in Ridgecrest. A social hour will precede dinner at 7 p.m. and the talk by Dr. Austin is scheduled for 8 o'clock.

"Geothermals—A New Set of Quality Problems" is the title of the presentation to be made by Dr. Austin, whose work ex-

perience includes all aspects of mining, mineral exploration, mining engineering, and industrial consulting in mineral technology.

The speaker's present research work deals primarily with the penetration of rock, earth and concrete by means of projectiles and jets, geothermal technology, and ore deposit evaluation.

Dr. Austin, who has taught courses at all college levels, has written more than 120 technical and semi-technical papers.

Reservations to attend next week's ASQC meeting can be made by calling Tony Miller at 446-3501.

## Auditions for Youth Concert to be held on Jan. 28 at college

Auditions for the annual Spring Youth Concert of the Desert Community Orchestra will be held on Saturday, Jan. 28, from 9 a.m. to noon in Room 128 at Cerro Coso Community College.

The auditions will give Conductor Daniel Swem the opportunity to select the young musicians who will play as soloists in the orchestra's spring concert. Eligible for consideration are youngsters in the twelfth grade or younger. No lower age limit has been imposed.

Since some local music students may be involved in a school trip to Disneyland on the audition date selected, Swem has made arrangements for an alternate audition date. Students with this conflict should contact the orchestra director at the college.

All questions pertaining to the auditions may be directed to either Swem or Gordon Trousdale, at Cerro Coso College, by calling 375-5001.

## Good year ahead at NWC...

(Continued from Page 1)  
radars, and several advanced air-to-air developments.

Work also will be continued, RAdm. Harris noted, in a broad range of technology applications including advanced warhead design, improved guidance and control for missiles and remotely piloted vehicles, and more sophisticated fuzes.

Plans for housing on the Naval Weapons Center also were mentioned by RAdm. Harris during the Ridgecrest CoC dinner meeting. Even with the sale of homes in the Wherry Housing area, the Center still has more than 600 vacant units in spite of the present policy of providing housing to all federal employees who desire to live at China Lake.

Because of this, plans call for recommending that more housing at China Lake be declared excess to the Navy's needs and disposed of by the General Services Administration. The Skipper made it clear that, as a result of the experience gained in going through the process of disposing of the Wherry Housing area, representatives of NWC will be working closely with officials of the City of Ridgecrest and Kern County while in the process of excessing any additional housing at China Lake in order to help minimize any adverse impact such action could have if undertaken too precipitously.

**Geothermal Research Discussed**  
Speaking about the geothermal research work in the Coso range area, RAdm. Harris reported that drilling of the first deep test well was completed in December and the drill rig has been removed. Currently, scientists and engineers are involved in a test program that is aimed at determining as much as possible about underground reservoir conditions that can be tapped to provide geothermal energy.

In proceeding with this research effort, RAdm. Harris emphasized that "it remains of paramount importance to the Navy that the program be planned in such a way as to guarantee that the capability of the Naval Weapons Center to carry out the development and testing of weapons and systems for the national defense is not impaired."

This led to another point about impairment of the NWC mission which was made by RAdm. Harris, who noted that the Navy study of compatible use zones for the lands adjacent to NWC has been completed and its results will be made public during the year ahead.

The Navy, he said, is looking forward to working closely with the City of Ridgecrest and Kern County in land use matters so that if possible, incompatible land uses which, over the long term, could result in encroachments that would lead to restrictions on the Center's air operations, can be avoided.

**Relationship With City Is Tops**

RAdm. Harris concluded his remarks at the Ridgecrest CoC installation affair by stating that he was looking forward to doing his part in furthering the outstanding relationship which NWC has with the City of Ridgecrest. "The fine quality of living found in the Indian Wells Valley," the Skipper said, "is a valuable asset to the Navy and NWC since it enhances the attraction and retention of scientists, engineers, technicians and trained support personnel who are vital to the continued performance of the Center."

Speaking before a capacity audience of some 1,900 persons Wednesday morning at the Civic Auditorium in Bakersfield, RAdm. Harris began his talk, which was accompanied by short film clips and film slides, by noting that the 1 million acres of land acquired here by the Navy in the mid-1940s for the research, development, test and evaluation of ordnance and weapons is one of the very few places available today in this nation "where development and testing of increasingly sophisticated weapons and systems for our future defense needs can be done without endangering people or property."

During his opening remarks, the Skipper explained to those not familiar with this

desert region of Kern County for what has become "an irreplaceable Navy asset. This unique combination of a large tract of remotely situated land and associated airspace, sufficient to support a vital defense test and evaluation function, will grow in importance to this country with time," RAdm. Harris predicted.

As he had done in Ridgecrest, the NWC Commander mentioned work that is being continued on the Sidewinder AIM-9L and HARM as representative of effort in the field of weapons and aircraft systems. He then added: "Our mission responsibilities currently cover a broad spectrum of basic and applied research and development, ranging from laser technology to rocket motors, improved launch systems for missiles, more lethal warheads, and advanced concepts for more precise guidance and control of missiles and bombs.

**Busy Year Ahead**  
RAdm. Harris summed up this phase of his presentation in Bakersfield by stating that the 1978 business outlook at China Lake in terms of scientific and technical workload "is for an outstanding year — one of the busiest in our history."

Also touched on briefly by the NWC Commander at the Kern County Business Outlook Conference was the decrease in demand for housing at China Lake due to the availability in the Ridgecrest/Inyokern area of housing of modern design and higher quality than the Navy quarters at China Lake.

An important element of China Lake's 1978 business outlook is the construction and repair program that is in the offing, RAdm. Harris told his audience in Bakersfield, as he mentioned plans now before Congress to provide a range control center, modernization of the boiler plant and steps that have been proposed to provide new energy savings controls for major buildings at NWC.

Added to this \$4½ million worth of projects which are expected to be in the bidding process by November is another \$1 million in construction work that is expected by mid-summer in connection with the relocation of the National Parachute Test Range from El Centro to China Lake. "Exciting Prospect"

As he turned his attention to the effort that has been started to develop the potential for geothermal energy in the Coso area, RAdm. Harris stated: "Not only is the prospect of developing an alternative energy source with a predicted potential of 4,000 megawatts exciting, it also is an excellent example of cooperation among federal government agencies, as well as state and local governments.

"Without question," RAdm. Harris continued, "NWC is a very active partner in the continuing development of our part of Kern County. Over the years," it was added, "Kern County has been very good to and for the Navy, and I think it is equally fair to say that the Navy, in establishing the Naval Weapons Center some 35 years ago, set in motion the development of northeastern Kern County into an area that has a major impact on the economy of the entire county."

The NWC Commander concluded his presentation at the county's Business Outlook Conference by emphasizing his view regarding the importance of the Center to the Department of Defense, the Navy and the nation, and stated that he foresees a strengthening of the Center's missions with the addition of improved assets.

"Obviously," RAdm. Harris stated, "I'm most optimistic that 1978 will be an excellent 'business year' for the Naval Weapons Center and our community, and that we will be contributing substantially to the growth and strength of the economy of Kern County."

He was, he said, looking forward to continuing the outstanding partnership between NWC and all of Kern County and earnestly requested the support and interest of all county officials and interested residents in the efforts of the Naval Weapons Center.



**GROUP PATENT AWARD** — Burrrell Hays (l.), head of the Ordnance Systems Department, congratulates members of the Weapons Systems Branch of the Conventional Weapons Division of that department for receiving a patent award entitled "Method and Means for Fuel-Air Cloud Detonations Over a Wide Velocity Range." Those who shared the award are (l. to r.), James A. Bowen, branch head, who is a mechanical engineer supervisor; Larry H. Josephson, a physicist; Charles M. Martin, a mechanical engineer; and Cecil A. Glass, also a mechanical engineer. —Photo by Ron Allen

## AIM-9L added to F-15 arsenal...

(Continued from Page 1)  
involved in support operations (ground loading and missile checkout) at Edwards Air Force Base, and two other Centerites, Larry Killilea, a flight test analyst, and Charles Motte, whose field is telemetry, were sent to Eglin AFB to provide on-site support there.

To enable a program like this to function and continue, many other Center employees also were involved, in addition to the key personnel mentioned above.

Drone versions of the Air Force F-102 fighter aircraft (the Delta Dagger) were launched and controlled by the Air Defense Weapons Center at Tyndall Air Force Base in Florida. Over the NWC ranges, a sub-scale drone called the Firebee (built by the Ryan Corp.) was used in the interface testing of the Sidewinder missiles with the F-15 Eagle.

The Firebee drones flown during the three tests at NWC were controlled and operated by personnel of the Aircraft Department's Targets Division, and Range Operations Division (Code 622) employees, including Richard Fry, (the air controller at G range), were deeply involved in the tests.

Workmen of the Range Department's Ordnance Division were responsible for

## Flea Market slated on Saturday at Community Center

Sellers offering second-hand items at bargain prices will have tables set up at which a wide variety of wares will be offered for sale during a flea market that is planned at the Community Center on Saturday, from 10 a.m. to 4 p.m.

Sales space for this event is limited to 50 participants, who must have made arrangements in advance to take part by completing a request form that is available at the Community Center, and paying a \$3 fee at the time the form is filled out.

This sale of second-hand clothing, small household appliances, books, toys and countless other items is open to all Centerites, their dependents and others who are authorized access to the Naval Weapons Center.

Additional last-minute information can be obtained by calling Art Amos, manager of the Community Center, at NWC ext. 2010.

shipment and handling of the missiles used in the tests.

Seven AIM-9L missiles, including the first production missile and the AIM-9J, were launched at ADTC. The remaining missiles were launched at NWC during flights made by Maj. Marty Bushnell, USAF, the project pilot from Edwards AFB.

Under normal operation, the AIM-9L warhead detonates when it is close enough to cause destruction of the target. During these tests, the warhead was replaced by telemetry units which monitored missile performance and reduced the number of drones destroyed during the tests.

Data measurements indicated lethal intercepts of drones from 3,000 to 45,000 ft. in range, and from head-on to tail-chase attack positions. Several drones were destroyed by direct missile impacts.

The successful conclusion of this testing completes integration of the AIM-9L missile into the F-15 weapon system.



**HAPPY OCCASION** — As Capt. Frederic H. M. Kinley, NWC Vice Commander, observes, newly-promoted LCDR Tom Harrell has his gold oak leaves pinned on by his wife, Becky, during a recent ceremony here. LCDR. Harrell serves as aviation safety officer and as an A-7 project pilot in the Aircraft Department. A native of Alberta, Ala., he received a B.S. degree in education from the University of Alabama in 1967 and received his commission through Aviation Officer Candidate School the following year. He and his wife live in Navy housing with their 21-month-old son, Tom. —Photo by Ron Allen

## Course in Systems Acquisition Program Management under way

Course work leading to a certificate in Systems Acquisition Program Management is well under way for the initial 20 Naval Weapons Center employees selected by the Technical Planning Board for this new 2-year program.

The program was developed specifically to help train potential program managers for NWC, and to provide other program personnel with an understanding of management problems and tools and an appreciation of procedures and practices that the program manager or other authority may impose.

Program participants chosen by the Technical Planning Board include: George Moncosko, Larry Thompson and Dennis Moore, from the Systems Development Department; Gerald Panek, Harold Platzek and Floyd Foiles, from the Ordnance Systems Department; John Smith, John Sheperd and Ken Nelson from the Fuze Department.

Others are: William Arnold, E. L. Pyle and R. K. Brown, of the Electronic Warfare Department; John Nylund, Michael Jacobson and Joe Oliver, from the

Engineering Department; Karl Kuehn, Paul Dietrich and Karl Holmes, from the Weapons Department, and Jack Brown and Richard Pogge, from the Range Department.

The courses leading to a special certificate in Systems Acquisition Program Management are drawn from a variety of sources, and are taught by NWC personnel, faculty members from the Naval Postgraduate School, and by contractors with skills in the area of interest.

Courses especially designed by NWC personnel that will be offered during Fiscal Year 1978 include: Integrated Logistics Support, Operational Software, Data Management and Documentation, Cost Analysis, Systems Analysis, Reliability, Maintainability and Quality Assurance, and Managerial Accounting.

Center employees, other than the 20 current participants in this program, may apply for enrollment in these courses, and will be accepted on a space-available basis. In addition, 20 more participants will be selected to take part in this program in March or April of each year.

## Jan. 27 is deadline to file for summer job written exam

Next Friday, Jan. 27, is the deadline for filing applications to take the summer employment written test for 1978.

Applications that are postmarked after Jan. 27 will not be accepted for the written test that is to be given in February.

Applicants who were employed at NWC in 1976 or 1977 as clerks or clerk-typists are not required to take the test, but (if they desire to do so) may take the test in hopes of attaining a higher score.

If previous clerks or clerk-typists do not retake the test, they should file a SF-171 and a copy of their 1976 or 1977 Summer Notice of Rating directly with Code 092 before May 1, 1978.

To be eligible for summer employment, applicants must be a U.S. citizen. The minimum age requirement is 18 at the time of appointment, however, this requirement is waived in the case of high school graduates who are at least 16 years old at the time of their job appointment.

Forms for filing an application to take the 1978 summer employment written test can be obtained at the receptionist's desk in the NWC Personnel Department building.

## Program on 'Stress' to be presented at lunch-hour seminar

The first in a series of lunch-hour seminars to be conducted under the auspices of the NWC Employee Assistance Program will be held next Wednesday, Jan. 25, from 11:30 a.m. to 12:30 p.m. at the Community Center.

The topic at this initial meeting will be "Stress: Your Own Worst Enemy." A film about different methods of reducing stress will be shown, and Lynn Lacey, Employee Assistance Program advisor, will be present to answer questions.

Purpose of the monthly seminars, which will be scheduled regularly on the fourth Wednesday of each month at the Community Center, is to present positive alternatives to alcohol or substance abuse, and to such other problems as depression, overwork, stress-related health disorders, and job dissatisfaction.

The seminars, which are open to all NWC civilian and military personnel, are intended as a forum for the presentation of information on relaxation exercises, walking, jogging, arts and crafts, creative problem solving, and stress reduction techniques.

## 9 enlisted men from VX-5 advanced in rate

Nine enlisted men assigned to duty with Air Test and Evaluation Squadron Five were advanced in rate during the month of December. The enlisted men, their new rating, and the shops to which they are assigned, are as follows:

AE2 Richard J. Bergin, Line Shop; AO1 Robert K. McKinney and AO3 Antoine Bolden, Aviation Ordnance Shop; AZ2 Mark C. White and AA Robert F. Clark, Maintenance Shop; YNSA Albert A. Barr, YNSA Frank J. Desantis, and AQAN Lawrence R. Lenz, all assigned to the office of the Chief Petty Officer of the Command; and AN Charles Provisnal, Aviation Maintenance Equipment Shop.

## IWV chapter of F.E.W. to meet next Tuesday

The next meeting of the Indian Wells Valley chapter of Federally Employed Women will be held on Tuesday, from 11:30 a.m. to 12:30 p.m., in Rm 201 of the Training Building.

Marge Zinke, administrative officer for the Engineering Department's Engineering Services Division, and Karen Altieri, Federal Women's Program Coordinator at NWC, who attended the National Women's Conference in Houston, Tex., last November, will present some interesting information about what happened there.