

WACOM's Holiday Bazaar now open at Community Center

The Community Center will be bustling with activity from now until 8 o'clock tonight, and tomorrow from 10 a.m. to 4 p.m. while the tenth annual Holiday Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) is in progress.

The festive event was opened this morning at 10 o'clock during a ribbon-cutting ceremony at which Capt. William B. Haff, NWC Commander, officiated.

Representatives of more than 20 organizations from throughout the local area are manning booths at the bazaar, where patrons can find just about every kind of handwork imaginable, as well as their choice of such items as holiday candies, assorted nuts, home-baked cakes, sweet rolls and breads.

In addition, unique Christmas cards and calendars, desert note paper, macrame ornaments, holiday gift package decorations, bread dough wreaths, and an assortment of unusual toys and other gift items can be purchased by those who are interested in buying something a little different in the way of gifts.

Wooden cutting boards, knife holders, pottery and leathercraft work are being offered for sale by the Burroughs High School Art Club and Woodcrafters, and (at a booth being operated by the CPO Wives Club), Holiday Bazaar patrons will find Mr. and Mrs. Santa Claus dolls, macrame owls, Christmas tree ornaments that hold candy, pincushions and potholders.

Proceeds from the "white elephant" sale being conducted by the Military Officers' Wives Club will go toward providing a scholarship for a college-bound son or daughter of a military family in the local area.

Santa Claus is present at the Holiday Bazaar to talk with children about their Christmas gift requests, and the Cerro Coso Wives Women's Scholarship Organization have set up a photograph booth where youngsters may have their pictures taken with or without Santa.

There also is a tea room operated by WACOM where slices of homemade pies and cakes, cookies, sandwiches, and soft drinks are being sold to help stave off any hunger pangs which may develop as patrons at the bazaar are making the rounds of the varied and interesting booths.

Proceeds from the bazaar, which last year grossed \$17,672, will be used to help carry on many worthwhile charitable, civic and youth service programs.



Commissioned Officers' Mess
Tonight at 9 and 11 o'clock the Commissioned Officers' Mess will present George Holmes and the "Ink Spots."

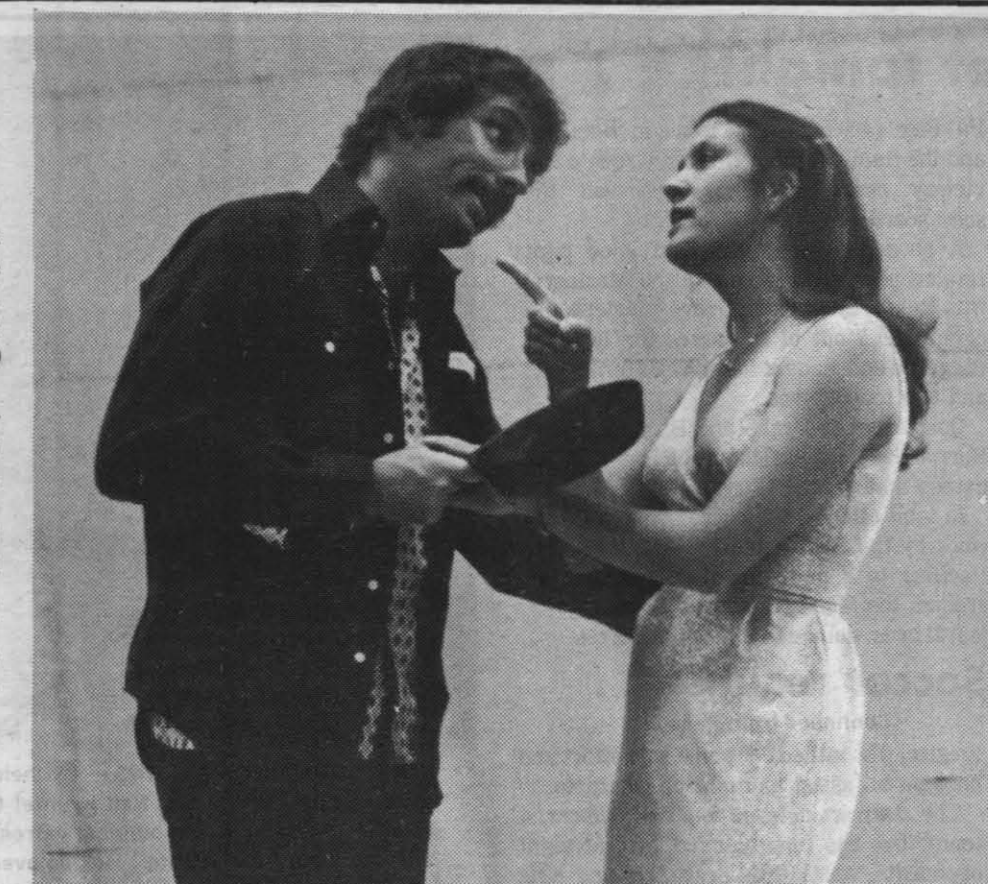
The evening will begin with an early buffet dinner, featuring prime rib of beef, from 5:30 to 8:30 o'clock.

The Ink Spots will be backed by their own musical group, who will play for the dancing pleasure of members and guests from 8 until midnight. The price for this gala evening of dining, dancing and entertainment is \$7 per person.

Coming up at the COM on Saturday, Nov. 17, is another festive Membership Night. Members and guests are invited to dance to the recorded music of the big bands and musical groups of the 1950s, and come attired in the costumes of that era. There will be prizes for best costume and for best dancers.

Dancing is scheduled from 8 to midnight, and the recorded music will be provided by Bill Coy and his Blue Jeans disco.

A buffet dinner that includes salad,



WHAT'S COOKING? — John Clark in the role of Artie tries to get his unobliging girl friend Bunny, played by Diane Whiting, to cook for him in a scene from "The House of Blue Leaves." The play, presented by Cerro Coso Community College's Theatre 27 class, opens tonight at 8:15 at the college lecture hall. It will also be seen tomorrow night, and on Friday and Saturday evenings, Nov. 16-17, at the same time.

—Photo by Liz Babcock

Curtain rises tonight on Theatre 27 production of 'House of Blue Leaves'

The Cerro Coso Community College Theatre 27 fall production, "The House of Blue Leaves," opens tonight at 8:15 at the college lecture hall. It will also be shown tomorrow and again on Friday and Saturday, Nov. 16-17, at the same time.

"The House of Blue Leaves," a comedy written by John Quare, deals with the problems of a song writer and zoo keeper in Queens, a borough of New York, his wife who has literally gone bananas, and his unobliging mistress.

In the leading role of Artie Shagnessy is John Clark, while his wife Bananas is played by Deborah Keller, and his mistress Bunny is portrayed by Diane Whiting.

Other members of the cast, and their roles, are Leilani Ilagen, a deaf actress who won't admit that she can't hear; James McCann, as Billie, a suave Hollywood producer, who is Artie's best friend; and Giovannie Rossie, who plays the part of Ronnie, Artie's son who is AWOL from the Army and living secretly in Artie's house.

Three women have roles as nuns in this

play, which centers around a crazy, mixed-up day in 1965 when the Pope visited New York City. Those who will be seen on stage as the nuns are Lisa Duckworth, Sue Taylor and Pat White.

This play is directed by Florence Green, assisted by Carol Tobias as student director. Rebecca Connor has supervised the music, and Steven Green, with help backstage from Scott Graham, is the technical director.

Other backstage workers are Cathy de Rosa, Lyle Gregory and Sue Peake.

Tickets, priced at \$3 for general admission, or \$2 each for holders of Cerro Coso College student body cards, can be purchased in advance from members of the cast; from the Gift Mart, Sports Etc., and at Audrey's Pantry in Ridgecrest, and also at the college business office.

In addition, tickets will be on sale at the lecture center door prior to each performance.

WACOM announces change of program for meeting Tues.

Because of a medical emergency involving Charles Sachs, a change has been made in the program for next Tuesday's luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess (WACOM).

Instead of hearing from Sachs about the ocean liner Titanic, which sank while on its maiden voyage after striking a large iceberg on April 14, 1912, WACOM members and guests will be entertained by John Barrymore, Jr.

The latter, whose father John Barrymore was a well-known star of stage and screen, will show film slides and display family mementos. He also will sing, recite monologues and recall anecdotes during his presentation at Tuesday's WACOM luncheon.

A social hour starting at 11 a.m. at the Commissioned Officers' Mess will precede a buffet luncheon featuring cold sliced turkey and ham, along with an assortment of salads, relishes, and a hot roll. The program by Barrymore will follow the luncheon.

WACOM hopes to reschedule the program by Sachs about the ocean liner Titanic at a later date.

REGULAR STARTING TIME—7 p.m.

FRI., SAT., MON. NOV. 9, 10, 12

"IN LAWS"
Starring
Peter Falk and Alan Arkin
(Action-comedy, rated PG, 110 min.)

SUNDAY NOV. 11

"ALMOST SUMMER"
Starring
Bruno Kirby and Lee Purcell
(Comedy-drama, rated PG, 89 min.)

WEDNESDAY NOV. 14

"MIDNIGHT EXPRESS"
Starring
Brad Davis and Bo Hopkins
(Drama, rated R, 121 min.)

FRIDAY NOV. 16

"COUNT DRACULA AND HIS VAMPIRE BRIDE"
Starring
Peter Cushing and Christopher Lee
(Drama, rated R, 95 min.)

SATURDAY NOV. 17

"FIFTH MUSKETEER"
Starring
Sylvia Kristel and Beau Bridges
(Comedy-drama, rated PG, 111 min.)

SUNDAY NOV. 18

"DAMIEN OMEN II"
Starring
Lee Grant and William Holden
(Horror-drama, rated R, 107 min.)

'Hail, farewell' fete for military officers planned on Nov. 15

A hail and farewell party honoring incoming and departing military officers at the Naval Weapons Center will be held at the Commissioned Officers' Mess next Thursday, Nov. 15.

Following a social hour from 5:30 to 6:30 p.m., presentations will be made honoring Lt. Bud and Jeanne Gorans, who are departing.

Lt. Skip Lewis will be welcomed aboard.

Those wishing to stay for dinner after the presentations are reminded that they should make reservations by telephoning 446-2549.

Adult school drama class to present 'California Suite'

Sierra Sands School District's Adult School's F.U.N. (flamboyant, unabashed, nighttime) Theatre will present Neil Simon's "California Suite" at 8:15 tonight, tomorrow, and next Saturday, Nov. 17, in the Burroughs High School lecture center.

The comedy, directed by Alan Kubik, is comprised of four playlets in two acts involving the different characters who occupy the same hotel suite at different times.

Tickets are available from members in the cast or may be purchased at the lecture center box office before each performance. General admission is \$2.50, with students, enlisted military personnel, and senior citizens being admitted for \$1.50.

U.S. Government Printing Office: 1979—No. 1001

From: _____

To: _____

PLACE
STAMP
HERE

Firm standards set for building heating, cooling

The dependency on foreign petroleum sources that are growing both more expensive and less dependable has brought the United States to a potential energy crisis. In an attempt to alleviate this problem and reverse the trends to greater energy usage, the President of the United States has invoked his powers to set heating and cooling temperature limits for all public, commercial, industrial, and nonresidential buildings.

Although energy conservation has been practiced at many locations aboard the Center, formal direction on measures which must be taken to fully implement the President's program have now been

About 50 percent of the petroleum that the United States now uses is imported. Because we must make our fossil fuels extend as far as possible and reduce this energy dependency on foreign sources, it becomes essential that we engage to the maximum in energy conservation efforts such as compliance with the emergency building temperature restrictions regulations. I have full confidence that we can count on each of you to meet this emergency in the same positive and effective way you have responded to urgent situations in the past.

W.B. Haff

received and will require additional action within very tight time frames.

A new form will be appearing on walls throughout the Center's more than 1,500 regularly occupied buildings — a Department of Energy certificate of compliance denoting that the building meets the Emergency Building Temperature Standards instituted by Presidential Proclamation on July 16, 1979.

These certificates are required by an ALNAV message of Oct. 26, which implements the President's program and will be more fully explained in Naval Weapons

(Continued on Page 5)



OVER THE TOP — The Combined Federal Campaign thermometer overflows as the goal for this year is reached and surpassed. Linda Minshew, a sign painter trainee from the Public Works Department, updates the sign at the main gate to let all contributors know that through their efforts the first CFC in history at the Center achieved its goal.



nwc rocketeer

Naval Weapons Center
China Lake
California

November 9, 1979

Vol. XXXIV, No. 45

Drone used to test success of steps taken to alleviate turbulence in wake of huge jetliners

A series of tests held during the latter part of this past week at G range and above the runways at Armitage Airfield on Saturday may well hold the key to a problem the Federal Aviation Administration (FAA) and the National Aeronautics and Space Administration (NASA) have been endeavoring to alleviate for the past decade.

During their approaches for a landing, large commercial aircraft, like the Boeing 747 jetliner, leave a vortex of turbulence in their wake. Because of this, smaller aircraft of 12,500 lb. or less in size are now required to maintain a separation interval of six miles as they prepare to land behind a jetliner.

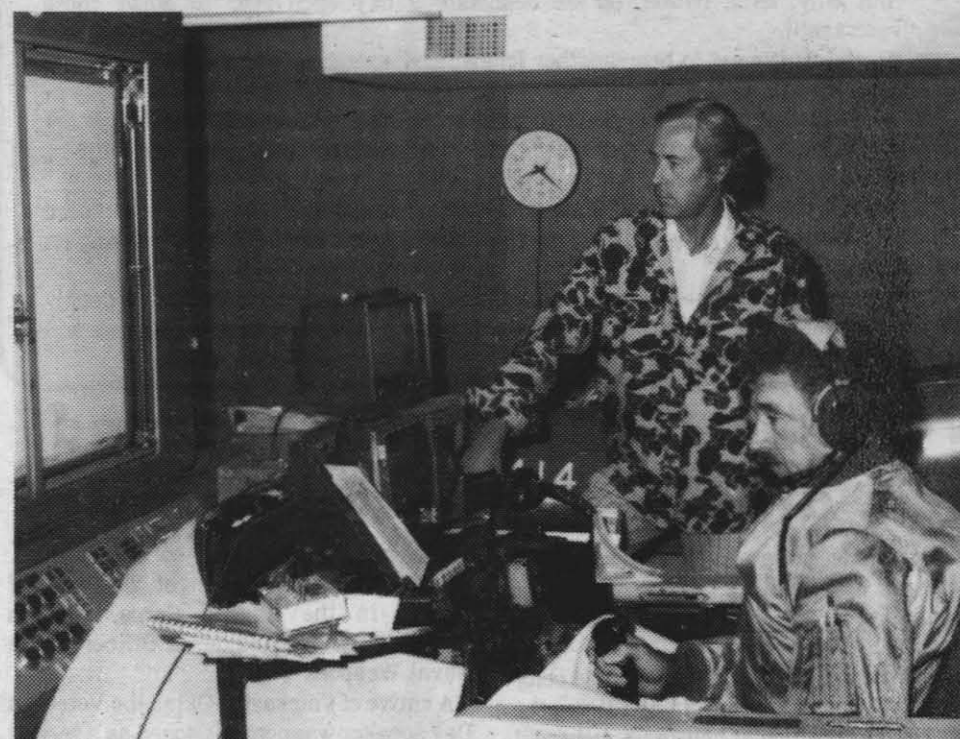
This safety measure, however, creates traffic problems in the air around commercial airports.

Goal of Test Effort

According to Joe Tymczyszyn, an aerospace engineer and test pilot for special projects with the FAA, it is hoped by extending certain spoiler segments already used on the wings of Boeing 747s that the vortex (area of turbulence) can be reduced significantly. The goal of this test effort is to reduce the separation interval for small aircraft from six to three miles.

The success of this program, according to Tymczyszyn, would mean a safer environment for landing approaches by small private aircraft, military fighter aircraft and trainers, and small-size transports, in addition to reducing the congestion in the air over commercial airports.

The effort to find a solution to this problem was tackled locally by making use



CHALLENGING ASSIGNMENT — Harlan Reep, highly skilled drone aircraft controller, was required to push his skills to the utmost as he "flew" a QF-86 Sabrejet into the turbulence created by the wake from the engines of a Boeing 747 jetliner during landing tests held last Saturday at Armitage Airfield. During tests such as this, Reep is assisted by Norm Osmon (above), an electronics technician in the Target Instrumentation and Evaluation Branch (Code 6133), and by Dick Aughe, head of Code 6133.

—Photo by Ron Allen

of the expertise of Harlan Reep, one of the Navy's stellar drone controllers, who has been called upon to push his skill to the utmost.

Reep, who heads the Target Operations Branch in the NWC Aircraft Department's Targets Division, has found his job of remotely controlling the flight of a QF-86 Sabrejet drone complicated by visibility problems, since smoke is used to make the vortex of turbulence in the wake of the giant-size aircraft visible during landing approaches.

A television camera mounted in the nose of the drone aircraft serves as the "eyes" of the drone controller on the ground but, Reep reports, the smoke is produced by white oil that accumulates on the TV lens. This makes the image fuzzy, and the visibility that is needed to operate the pilotless aircraft becomes increasingly difficult as the flight continues.

In addition, this effort is a departure from

tests involving drone aircraft flights which, in the past, have been at high altitudes. Never before has he been required to get a drone down to 100 ft. or less above the ground and keep it there in steady flight, Reep said.

Lt. Bob Reusche, head of the Targets Division (Code 613), flew a drone aircraft manually from the pilot's cockpit during the first flight of the QF-86 in order to help Reep get a picture in the ground control van of what it was like to seek and then continue to "fly" the drone in the turbulent wake of the larger aircraft.

Thereafter, subsequent test flights were turned over to Reep who "did a superb job," Tymczyszyn commented enthusiastically. During these tests, Lt. Reusche flew in a chase plane to observe the drone flight from the air and was prepared to offer help by radio to Reep in the event of an emergency.

Turbulence from the wake of the Boeing 747 caused the QF-86 Sabrejet to swerve

(Continued on Page 4)

For first time, Centerites top Combined Fed'l Campaign goal

The highly successful 1980 Combined Federal Campaign exceeded the \$120,000 goal — a first for a local CFC drive. Audited receipts through Wednesday, Nov. 7, showed a total of \$120,602.

The Naval Weapons Center was joined by two other Federal agency activities in the Indian Wells Valley — the U.S. Post Office in Ridgecrest and the Ridgecrest office of the Bureau of Land Management. A total of 58.6 percent of the Federal personnel contributed to the campaign. Postal employees in Ridgecrest contributed 100 percent to the CFC.

Cdr. Gordon Carlburg and Dr. Ed Royce, CFC co-chairmen, are justifiably proud of this achievement and wish to extend their thanks and congratulations to all who contributed

their time, effort, and monetary assistance to this successful fund raising campaign.

COMBINED FEDERAL CAMPAIGN
Percentage of Participation
as of Wednesday, Nov. 7
Total amount: \$120,602

Code	00	03	06	08	09	12	21
Pct.	53	86	57	71	56	92	58
Code	24	25	26	31	32	33	34
Pct.	37	76	29	58	35	71	60
Code	35	36	38	39	61	62	64
Pct.	48	58	63	33	58	29	94
Code	93/94	95/96	97	VX-5			
Pct.	98	46	100	53			

What is a veteran?

Veterans Day on Nov. 11 is a specially-designated time of national tribute to those who have served in America's Armed Forces since the Revolutionary War. But dictionary definition aside, the word "veteran" means many things to just as many people.

Some see the quiet courage of the doughboys and GIs of two world wars, mud-caked and battle-wracked, slogging through yet another village toward yet another front line.

Some see the bravery displayed at the Two Jimas, the Pork Chop Hills, the Khe Sanhs, and those heroes and heroines of other wars who gained their nation's homage when they stood where they could have fallen at unknown places with strange-sounding names.

And others see a less-than-welcoming nation when Johnny came marching, flying, and sailing home from Southeast Asia during a time rife with anti-military, anti-war sentiment and tinged with resentment at the "pull out" or the United States' ever becoming involved in the conflict.

But why, as a nation, do we designate a day each year to honor these "veterans"?

Certainly it's not to hear another longwinded speech or see another parade of drums and bugles.

Maybe it's because down deep, under the crust of cynicism and skepticism that we as a country in recent years have raised against our institutions, the military holds a special place.

Maybe the uniform — and those who have worn and still wear it — is the cord that binds us as a nation, first tying the country together and, today, weaving its fabric of security.

Perhaps we celebrate Veterans Day because "veteran" is a forging of deeply significant images which tell us what we have been, where we are, and how we will deal with the future.

Veterans Day program planned Sun. at VFW Hall in Ridgecrest

A patriotic program in observance of Veterans Day will be held on Sunday, starting at 11 a.m., at the VFW Hall, 117 Alford St., Ridgecrest.

Two members of the VFW Ship 4084 color guard will open the program by raising the flag from its position at half-mast, (where it is flown on this patriotic holiday as a symbol

The guest speaker will be Col. Erin D. Smith, USMC, a veteran of 29 years of service in the Marine Corps, who is currently the USMC Liaison Officer at the Naval Weapons Center.

A native of Chickasha, Okla., the Veterans Day speaker was commissioned as a second lieutenant in the U.S. Marine Corps in August 1950, after being graduated from the University of Oklahoma in Norman with a degree in mechanical engineering.

He later obtained a master's degree in public administration from the University of Southern California in 1974 and has a degree in aeronautical engineering from the U.S. Naval Postgraduate School in Monterey, Calif. (1962). He also attended the Armed Forces Staff College in Norfolk, Va., in 1967.

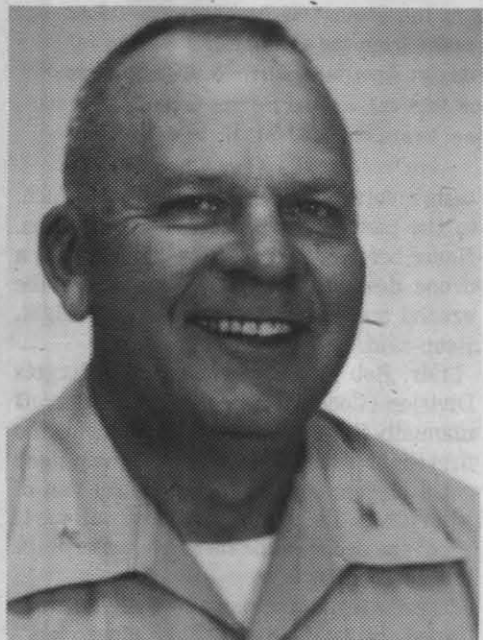
Col. Smith, who is a veteran of both the Korean and Vietnam Wars, will speak on "What Veterans Day Means To Me."

Master of ceremonies for the Veterans Day program will be Barney Kinkemon, immediate past captain of VFW Ship 4084, who invites all veterans' groups, fraternal and service organizations in the local area to participate by sending color bearers with their organizational banner and an American flag.

A potluck luncheon will be held in the VFW hall following the local observance of Veterans Day. Food will be provided by members of the American Legion and VFW Auxiliaries.

Energy conservation tip

You can save electricity by allowing dishes to air dry in your dishwasher. After the final rinse cycle, turn off the dishwasher, open the door and let dishes stand until they are drained and dry.



Col. Erin D. Smith, USMC

in honor of veterans who have died) to the top of the flagpole in the courtyard outside the entrance to the local VFW Hall.

Posting of the colors will be handled by the Desert Suns, a color guard sponsored by the American Legion, while Sherman Jefferson, pastor of the Seventh-Day Adventist Church in Ridgecrest, will deliver the opening invocation and will close the program with a benediction.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
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Captain W. B. Huff
NWC Commander
R. M. Hillyer
Technical Director
Bernard F. Connolly
Acting Head
Technical Information Department
Don R. Yockey
Editor
Mickey Strang
Associate Editor
Beverly Becksvort
Editorial Assistant
Ron Allen
Staff Photographer



DEADLINES
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives American Forces Press Service material. All are Official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.
Phones 3354, 3355

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. 2049. 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 096 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 supervisory 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.

Interdisciplinary Supervisory Position-Electronics Engineer, Mechanical Engineer, Aerospace Engineer, Physicist, GS-855/830/861/1310-14, PD No. 7906013E, Code 063 — This position is that of deputy head, senior civilian position, Projects Office, in the Test and Evaluation Directorate. The Projects Office is responsible for technical management, design, coordination, supervision, evaluation and documentation of test programs conducted at NWC. The office applies a multidisciplinary engineering approach to these programs which consist of determining the technical performance, properties, and characteristics of weapon systems under development at NWC and by the Navy, Army, Air Force, other agencies and contractors that utilize the Center's range facilities. Specific duties of the incumbent are to: supervise the design, development, establish test priorities, accept proposal test projects and funds, manage TCN and test facilities, assure technical integrity of test projects, review and approve technical workload plans, assign/monitor projects to Project Office branches. Subject to classification approval. **Job Relevant Criteria:** Ability to interface with all levels of technical personnel; demonstrated ability to supervise technical personnel; knowledge of test range facilities and instrumentation; knowledge of air launched weapon systems; knowledge of ground launched weapon systems.

Engineering Technician, GS-802-9, PD No. 7962034N, Code 6212 — This position is located in the Environmental Engineering and Evaluation Branch in the Range Department. The incumbent's primary assignment will be in the Environmental Test Section which conducts environmental and safety tests of all classes of live ordnance to simulate aircraft, transportation, and shipboard vibration, along with in-service shock and safety environments. Promotion potential to GS-11. Status eligible accepted. **Job Relevant Criteria:** Knowledge of environmental and safety test procedures; functional knowledge of ordnance items (rockets, bombs, etc.); ability to interpret military specifications, test plans; ability to work well with team members.

Ordnance Equipment Mechanic, WG-6441-8 or 10, JD 5-4N, Code 62223 — This position is in the Operations section of the Track Operations Branch in the Range Department. The incumbent will perform work involving the functional testing of rockets and guided missiles, including explosive items and other ordnance and non-ordnance related items. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly, installation, repair, etc.; tools and equipment; measuring instruments; instructions, specifications, etc.

Engineering Technician, GS-802-4/7/8, PD No. 7962071N, Code 62231 — This position, located in the Environmental Operations Branch of the Range Department, is involved in the specific planning and direction of ground launched missile, rocket, projectile, etc. test events. The incumbent's involvement encompasses specific test facilities used, auxiliary equipment employed, layout, fire control, safety procedures, and overall test conduct. **Job Relevant Criteria:** Knowledge of ordnance equipment; knowledge of ordnance testing procedures; ability to effectively work with technical personnel. Promotion potential to GS-11.

Electronics Technician, GS-856-9, 10, or 11, PD No. 7962015N, Code 6241 — This position is located in the Telemetry Systems Branch of the Range Department. The primary function of the branch is to provide engineering support for the design, development, fabrication, engineering, documentation, test, and evaluation of telemetry systems and components for application to weapons, aircraft, and ground instrumentation. The incumbent will assist in the design and development of environmental instrumentation of telemetry systems and associated instrumentation in current usage by the branch. He will also conduct validation tests of telemetry design proposals. **Job Relevant Criteria:** Knowledge of electronic systems operation, test, and maintenance; knowledge of solid state devices; ability to work with others.

File applications for the above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577 or 3118.

Budget Clerk, GS-501-3/4/5, PD No. 7780151N, Code 0832 — Intermittent work schedule (WAE). The incumbent will assist budget analysts and RMAs with preparation of overhead and technical budgets and may be assigned, on a rotating basis, to one or more departments on Center to provide financial support such as monitoring expenses on job orders and customer order numbers, preparing journal entries, etc. **Job Relevant Criteria:** Knowledge of accounting or budget clerical procedures; ability to review and research accounting or budget records and data for compiling reports, budget submissions, studies, etc. Effectiveness in working with others, ability to meet deadlines under pressure. Applications accepted from status eligibles. Promotion potential to GS-5.

Secretary, GS-518-5, PD No. 7888040N, Code 084 — This position is that of secretary to the Head, Management Information Systems Division, Office of Finance and Management. The incumbent will provide standard secretarial services such as maintaining the supervisor's calendar, screening and referring calls and visitors, screening and routing correspondence as well as replying to certain correspondence, maintaining records and providing a link between the division head and his staff. In addition, the incumbent will assist analysts in various functions and be responsible for writing and typing task orders and work assignments for service contractors. **Job Relevant Criteria:** Ability to coordinate and plan office activities; knowledge of contract clerical procedures; ability to apply correspondence rules; ability to establish priorities; ability to comprehend and interpret written materials.

File applications for the above with Terry George, Bldg. 34, Rm. 208, Ph. 3118.

Quality Inspection Specialist, GS-196-7, PD No. 7926060, Code 262 (Temporary not to exceed one year). This position is located in the Contracts Division, Public Works Department. Incumbent will administer and inspect an annual construction contract for painting and repairs to family housing units amounting to \$1,500,000 annually. Is

responsible for contractor performance on site to validate compliance with contract requirements and certify amounts to be paid. Coordinates schedules with contracts, and NWC. **Job Relevant Criteria:** Ability to inspect and administer Maintenance Service Contracts; ability to use good judgment and fact in dealing with contractors and with NWC personnel at various levels; knowledge of DoD contracting procedures. This position will be filled through temporary promotion or reassignment. The incumbent will revert back to their permanent position on or before the expiration of a one year period following the date of initial assignment.

Supervisory Maintenance Engineer, GS-801-12, PD No. 7826087, Code 2633 — This is an interdisciplinary position that can be filled by an individual with background in any of the following engineering disciplines: civil, mechanical, electrical, industrial, architecture. This position is head, Maintenance Management and Planning Branch, Engineering Division, Public Works Department. The incumbent furnishes engineering services for work performed by shop forces. Provides supervision of approximately ten planners and estimators. Is responsible for screening customer generated work requests and to insure that customer requirements are fulfilled in an efficient and timely manner. Reviews and approves planned jobs that involve a wide variety of new construction, alteration and repair of NWC facilities. Provides engineering consultation in preparation of the Annual Inspection Summary. Provides technical support in executing the annual NWC maintenance program. **Job Relevant Criteria:** Knowledge of facilities engineering disciplines; experience in facilities maintenance management; ability for technical writing and report preparation; knowledge of the planning and estimating process; knowledge of labor, material and equipment costs and availability.

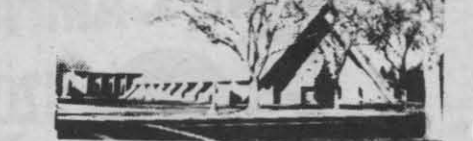
Electronics Mechanic Helper, WG-2614-5, JD No. 688, Code 26423 — Position is located in the Electrical and HVAC Branch, Power and Communications Shop, Public Works Department. The incumbent assists journeymen in the assembly, installation, maintenance and proof testing of security alarm systems and intercom systems. Work requires some heavy lifting and working from ladders, scaffolds and platforms. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. This position has promotion potential to the WG-2614-8.

Air Conditioning Equipment Mechanic Helper, WG-5306-5, JD No. 531N, (two positions), Code 26424 — These positions are located in the HVAC Branch, Electrical and HVAC Branch, Maintenance and Utilities Division, Public Works Department. Incumbents will assist journeymen mechanics using common hand tools to repair air conditioning and heating components. Incumbents also repair minor equipment, gear motors, dump valves, timers, and do minor shop bench work. Must maintain records of charts, reports and material requisitions. **Job Relevant Criteria:** Reliability and dependability; shop aptitude and interest; ability to follow directions in a shop; dexterity and safety; and ability to work as a member of a team.

File applications for the above with Lucy Lambert, Bldg. 34, Rm. 212, Ph. 2032.

Interdisciplinary Aerospace Engineer GS-861, Electronics Engineer GS-830, Physicist GS-1310, GS-12/13 PD

(Continued on Page 4)



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0845
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 0830-1130
Sunday
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 11th grade 1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS

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

Crucial grid tilt set tonight . . .

(Continued from Page 6)

by Richi Drake, quarterback for Burroughs, and once against were in good scoring position early in the third quarter.

Quarterback Rotell of Garden Grove picked out his favorite target and tossed a scoring strike to Biggs, who tallied his second touchdown of the night on a play that gained 17 yds. Conatsely then made it 3 for 3 for the night in the PAT department and the hosts led the Burros 29-0.

Nearing the end of the third period of play, Conatsely had the chance to try a field goal and made good on a 33-yard effort that boosted the Mariners' lead to 32-0.

The Burros, who weren't so badly outplayed as the score indicated, averted a shutout by pulling a trick play out of their game book that worked for a 36 yd. gain and a touchdown in the fourth quarter.

Drake, at quarterback, pitched the ball out to Larry Byrd, tailback, who started a sweep around the left side. Byrd then lateraled the ball back to Mike Waters, who was trailing the play, and Waters looped a pass downfield to Mark Urseth, an end. The latter was in the clear at the Garden Grove 3 yd. line and ran into the end zone to score.

Western Columbia gains on leaders in Premier League

Western Columbia cut into the previous three-game lead held by The Place during Monday night's Premier League action at Hall Memorial Lanes.

Western Columbia kегlers won all three of their games from the Partlow Construction squad, while The Place had to settle for winning two out of three from the cellar-dwelling Fisher Plastering team.

As a result, The Place now has a first place edge of just two games, with Western Columbia in second place.

For the second week in a row, the Western Columbia team rolled both the high team game (951) and high team series (2,773).

Three Premier League bowlers, led by Jim Duckett's 608, were over the 600 series mark on Monday night. The other two were Dick Furstenberg (605), and Loy Espiritu (604).

Those with single game scores higher than 220 were Dave Vander Houwen (227), Furstenberg (226), Bill Esch (225), Jim Kincheloe (224), Espiritu (223), and Edd Creer (222).

No Youth Center Soccer League games are scheduled tomorrow because of the three-day Veterans Day holiday, but action will be resumed on Saturday, Nov. 17, at both Schoeffel and Davidove Fields.

Rec. Roundup . . .

(Continued from Page 6)

pionships, which will be held on Saturday, Nov. 24.

NWC military personnel interested in competing in this event are asked to make this interest known by calling Paul Bacz-kiewicz, athletic director, at NWC Ext. 2334 or 2571, no later than Tuesday.

Racquetball Tourney

Plans are being made for a racquetball tournament that will be held during the first week in December at the Center gym.

There will be open division and novice class competition for men and women. A sign-up sheet is available at the gym for those interested in taking part in this event.

An entry fee will be charged to offset the cost of awards that will be presented to the winners.

Sixth annual 10-km. run slated tomorrow by OTHTC

The Over-the-Hill Track Club (OTHTC) will host its sixth annual 10 kilometer race on Saturday.

All runners, whether or not they are members of the OTHTC, are invited to participate in this event. There is an entry fee of \$2 per person that is payable at the time of registration for the race. The course laid out for this event, which will start and finish at the Center gymnasium, is flat and routed along residential streets.

Sign-ups will begin at 8:30 a.m. tomorrow, and the 10 kilometer run will get underway at 9:30.

Pat Bien's try for the PAT on a kick missed and the final points of Garden Grove's 32-6 victory over Burroughs were on the scoreboard.

A good passing attack and good punt returns played a big role in the Mariners' win. Rotell, the Garden Grove quarterback, completed 7 out of 10 passes for 154 yds. Biggs, an end, caught four passes for 88 yds. and two touchdowns.

Quarterbacks Drake and Billy Brown of Burroughs between them hit on 6 of 15 passes that gained 112 yds.

In total offense, thanks to some stalwart work by the BHS defensive unit that held Pacifica to a net gain of 59 yds. on the ground, the Mariners had an advantage of just 212 yds. gained to 181 for the Burros.

Soccer results . . .

(Continued from Page 6)

Ziegler, who tallied once on a solo effort and once on an assist from Jason Okamoto.

The stalwart defense for the Timbers, a team that has now blanked four straight opponents, was led by Scott Ivie and Kris Markel.

Some fine stops by goalies John Duncan and John Patton of the Strikers enabled their team to hang on for a 1-0 win over the Blizzard. The winning goal in this game was tallied by Chris Johnson.

During two National Division contests played last Saturday, the Whitecaps and Tornados won their games by identical scores of 2-1 over the Kicks and Surf, respectively.

Two goals by Roger Smith provided the Whitecaps with their margin of victory over the Kicks, a team that has been improving as the season has progressed. Smith hit one goal from the penalty spot, and also tallied on an assist from Brian Hayes. The Whitecaps' defense was anchored by Peter Miller and Kenny Fite.

A penalty kick by Guy Stanton produced the only goal for the Kicks in their 2-1 loss to the Whitecaps.

In the Tornados' 2-1 victory over the Surf, goals by Chris Turner and Tim Wee, who were assisted by Peter Hueber and Kevin Featherston, proved to be enough to win the game.

Larry Debold and Damon Riley led the Tornado defense, which limited the Surf to a single goal that was tallied early in the second half of the game.

No Youth Center Soccer League games are scheduled tomorrow because of the three-day Veterans Day holiday, but action will be resumed on Saturday, Nov. 17, at both Schoeffel and Davidove Fields.



—Photo by PHAA Terence Cole

FIRST BUILDING PATRONS — By their contribution to the Maturango Museum building fund, Nancy and Neil Krenzle (at right) have earned the distinction of being the museum's first building patrons. They are shown above with Robert G. Tuck, Jr., museum director, looking over a display case in the museum which is currently located near the traffic circle at China Lake.

Generous gift by Krenzels qualifies them as 1st museum building patrons

Two Ridgecrest residents, Neil R. and Nancy H. Krenzle, recently became the first Building Patrons of the Maturango Museum as a result of their substantial contribution to the museum's building fund drive.

Less than two weeks into the campaign, nearly \$17,000 in pledges and donations had been received, Robert G. Tuck, Jr., director of the museum, reported.

The Krenzels, it was added, lead an ever-growing group of civic-minded individuals and businesses who are working together to raise \$180,000 as "seed money" for the museum building project.

Other generous donors during the first week of the drive were John and Carol Wool-dridge of Ridgecrest. Ray, Lynn, and Adam Summers, also Ridgecrest residents and already museum founding members, donated an additional sum to show their commitment to the new museum that is to be built in Ridgecrest.

Other activities involving the Maturango Museum that are currently underway include a training program for museum docents — volunteer guides and interpreters — that has been initiated by Ruth Amster, the docent chairman.

Primary role of the docents, Mrs. Amster

said, will be to conduct museum tours, including those coordinated for elementary and high school groups, in addition to leading special interest activities, programs and workshops related to museum activities.

One of the goals of the docents' training program is to set up special museum tours for the benefit of handicapped youngsters.

The docents' training program began recently with the presentation of a talk on "Aboriginal History of the Area." Other topics to be covered in future presentations for the benefit of the docents will include programs by museum staff members and guest experts on geology and paleontology, petroglyphs, mining, plants and wildlife of the local desert area, rocks and gems, and recent history of the Indian Wells Valley and its surrounding area.

According to Ms. Amster, 11 local residents have started the docents' training program. They are Gay Bland, Eileen and Ralph Dietz, Nancy Glover, Betty Goodrich, Betty Spindler, Mary and Bill Ward, Phyllis Wise, and Mary Witcher, all of Ridgecrest, and Minnie Hamilton, of Randsburg.

Others interested in joining this group can make arrangements to do so by calling the museum at 446-6900.

Promotional Opportunities

(Continued from Page 4)

— This advertisement is run in lieu of an advertisement run in Rocketeer on Nov. 2, 1979 (closing Nov. 9, 1979) for a Supervisory Electronics Engineer/Supervisory Physicist; GS-855/1310-14, PD No. 7935112E, Code 35401. Previous advertisement is cancelled. Subject to allocation of high-grade billet and classification: WG-NCPC, incumbent will be the associate head of the Microwave Division, Electronic Warfare Department. The division is responsible for radar threat simulation development, electronic warfare countermeasures, special electronic warfare projects and signal exploitation. An incumbent will assist the division head in the full range of his responsibilities of technically and administratively managing the work of the organization. This includes supervisory responsibility with respect to the division's employees, participation in the overall planning and direction of the division's efforts and providing consultation as an expert in EW systems and techniques (lethal and non-lethal), threat systems, signal exploitation and intelligence regarding special areas. **Job Relevant Criteria:** Significant EW experience to include analysis, design, test and evaluation; experience in managing projects/programs where planning and control was demonstrated; experience as an effective supervisor of scientific/engineering personnel; experience that would indicate recognition as an "expert" in EW techniques and systems. Previous applicants must reapply. Promotion potential to GS-14.

Secretary (Typing), GS-518-4, PD No. 7935122N, Code 34X — This position is located in the Countermeasures Branch, Microwave Development Division, Electronics Warfare Department. Incumbent will be secretary to the branch head performing the full range of secretarial and clerical operations necessary for the smooth administrative operation of the unit. **Job Relevant Criteria:** Ability to work independently and exercise judgment in prioritizing work; knowledge of NWC policies/procedures affecting administrative matters relating to areas such as security, time and attendance, personnel action requests, travel, etc.; skill in operating an electric typewriter; knowledge of English grammar, spelling and punctuation for correcting obvious errors in material being typed. File applications for the above with Janet Thomas, Bldg.

34, Rm. 204, Ph. 2577.

Electronics Technician, GS-856-7/8/9/10/11, PD Nos. 7936039/040/041/042/043, Code 3623 — Position is located in the Missile Support and Test Branch, Systems Engineering Division, Engineering Department. Incumbent will provide technical support in the areas of field test support, infrared guidance test and repair, and electronic circuit design and development. **Job Relevant Criteria:** GS-7 — Knowledge of electronic theory and practice and mathematics; ability to plan, layout, and construct electronic devices used in missile systems; ability to work effectively as a member of a project team; ability to learn electronic theory and practice required for performance at higher levels in the Branch electronics technician career ladder. GS-8/9 — Criteria for GS-7 plus knowledge of the operation principle of solid state and vacuum electronic devices and ability to design circuits that combine many of these devices to perform specific functions; ability to match output characteristics of one circuit or system with the input requirements of another to achieve optimum performance; and ability to use schematic diagrams, test equipment, and electronic formulas to perform testing, troubleshooting, designing, and maintaining tasks. GS-10/11 — Criteria for lower levels plus knowledge of the specifications of missile infrared ECG and ability to insure that test equipment is properly designed and utilized to perform a wide variety of tests; ability to apply the principles of human factors engineering in designing and installing test equipment to ensure its ease of operation and maintenance; ability to technically supervise the efforts of lower-grade technicians. Promotion potential to GS-11.

Interdisciplinary Position (Mechanical Engineer, GS-830-12 or Electronics Engineer, GS-855-12) PD No. 7455197E, Code 36301 — Position is located in the Sparrow Production Office, Product Design Division, Engineering Department. Incumbent will be responsible for providing production engineering project management support on the Sparrow production program. He/she will be responsible for evaluating proposed design changes for impact on design interfaces, reliability, quality assurance, and the production effort. He/she will also be responsible for resolving production problems personally or by tasking the appropriate line organizations. **Job Relevant Criteria:** Knowledge of requirements and procedures associated with a missile system production program; ability to evaluate proposed design changes for impact on production, reliability, quality assurance, and system integrity; ability to manage/coordinate the efforts of a technical team responsible for resolution of production problems; ability to communicate effectively orally and in writing with technical and program-oriented personnel regarding complex production matters.

Electronics Engineer, GS-855-12, PD No. 7936187E, Code 3632 — (2 vacancies). Positions are located in the Harpoon Support Branch, Product Design Division, Engineering Department. The purpose of these positions is to provide engineering analysis, design, and test of Harpoon guidance system hardware/components, and development of equipment to test this hardware/components, and development of equipment to test this hardware. **Job Relevant Criteria:** Ability to perform radar systems analysis; ability to perform RF circuit design; knowledge of requirements associated with the production of complex electronic components/systems; ability to communicate effectively with other engineering personnel and program management personnel, including contractor representatives, regarding complex engineering tasks; ability to direct/coordinate the work of other personnel assigned to his/her projects.

Quality Assurance Specialist (Electronics), GS-1910-12, PD No. 7936186E, Code 3681 — (2 vacancies). Position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. Incumbents will be responsible for providing QA support, with particular emphasis on soldering, printed wiring, and cleanliness requirements, for system development/production programs for which the Branch has QA program responsibility. **Job Relevant Criteria:** Extensive knowledge of all of the various phases of printed wiring assembly and process techniques, specifications, and standards; broad knowledge of QA support requirements for assigned development/production programs; ability to communicate effectively orally and in writing with other technical personnel, program management personnel, and contractor representatives regarding QA requirements and procedures.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2925.



Recreation Roundup

Skeet, trap shoot open to scattergun shooters set Nov. 17

Plans have been made for a skeet and trap shoot, jointly sponsored by the Special Services Division and the China Lake Skeet and Trap Club, that will be held on Saturday, Nov. 17, starting at 10 a.m. at the range located on Sportsman Road, China Lake.

There is an entry fee, and a variety of events open to all shotgun marksmen in the Indian Wells Valley and their guests is slated. Further details can be obtained by calling Randy Gamble, president of the China Lake Skeet and Trap Club, at NWC Ext. 3478.

Certificates that can be redeemed for prizes of turkeys or hams will be awarded to the winners of each event.

For those who wish to take part, but do not have NWC passes, special event passes will be available at the main gate.

Volleyball Tournament

Registration is now being taken at the Center gym for participation in a two-man volleyball tournament that has been scheduled on Sunday, Nov. 18, at the gym.

There is an entry fee of \$3 per team which must be paid at the gym office no later than next Thursday, Nov. 15.

This event is open to the top four two-man teams entered in each division of the Intramural Volleyball League.

Weightlifters To Compete

The Marine Corps Recruit Depot in San Diego will be the setting for the 11th Naval District's regional powerlifting championship.

(Continued on Page 7)

Title races tight in all Youth Soccer League divisions

With the Youth Center Soccer League season now two-thirds completed, there are close races for first place in all three divisions of the league.

In the National Division, (for 5th and 6th graders) the Tornados and Whitecaps, with 8 points each, are tied for first place, while the Sounders, who have 6 points, are in strong contention for the division title.

In calculating Youth Center Soccer League standings, teams earn 2 points for a win and 1 point for a tie ball game.

The Timbers, with 10 points, are currently on top in the Pacific Division, for teams with players in the 3rd and 4th grades, but the Drillers and Strikers are close behind with 9 and 8 points, respectively.

Three teams — the Sockers, Earthquakes and Fury — are tied for first place with 8 points each in the Pacific Division (for 1st and 2nd grade players).

In Pacific Division action last Saturday morning at Schoeffel Field, the Express and Earthquakes battled to a 1-1 tie, the Sockers shut out the Rowdies 3-0, and the Fury scalped the Chiefs 4-1.

David Shumway, helped out with an assist by Larry Zulkowski, scored the only goal for the Express in the 1-1 tie with the Earthquakes. A penalty kick by Jeremy Osburn of the Earthquakes was the only other tally in this game.

On defense, the Express team was led by Kevin Collie, Amy Shumway and Doug Wilson, who helped stymie the Earthquakes' offense that was paced by Jacob Albers, Matt Mann, Ted Mechtenberg and Osburn.

All three goals for the Sockers in their win over the Rowdies were tallied by Marc Frisbee, who was assisted in getting the ball

Burros gridders face Hart in crucial league tilt tonight

Looking ahead to a two-game showdown tonight and next Friday night, Nov. 16, against a pair of tough Golden League foes, the Burroughs High School varsity football stumbled and dropped a non-league encounter 32-6 to Pacifica High School in Garden Grove this past Friday night.

While the varsity was unable to get on the scoreboard against Pacifica until the final 6 min. of play in the fourth quarter (and had fallen behind 32-0 by that time), the BHS sophomores edged their counterparts in Garden Grove by the slim margin of 7-6.

Both the varsity and sophomore gridders

from Burroughs will be on the road tonight for Golden League games at Hart High School in Newhall. Kick-off time for the sophomore contest is 5:15 and the crucial varsity clash will get underway at 8 o'clock.

Any hope of landing a berth in the CIF post-season playoffs is on the line tonight at Hart for the BHS varsity, which also faces a "must win" situation a week from tonight in the final 1979 league game against Antelope Valley High School of Lancaster.

Last Friday night in Garden Grove, two first quarter drives by the Burros — one of which got to the 20 and the other to the

Mariners' 30 yd. line — failed to produce a score, while the BHS defense kept the host team off balance and unable to muster a first down until nearly halfway through the second quarter.

When the Mariners did begin to roll, however, they hit paydirt quickly on a long pass from quarterback Tom Rotell to Todd Biggs, an end. The scoring play, which covered 54 yds., came with 6 min. left in the first half and the host team then tacked on 2 points on a pass from Rotell to wide receiver Bill McKinney.

A 26-yd. punt return by Mike Eaton of Garden Grove gave his team good field position on the Burroughs 30 yd. line, and the Mariners wasted little time getting on the scoreboard again five plays later when Eaton scampered into the end zone from the BHS 11. The try for the PAT on a kick by Joe Conatsely was good, making the score 15-0 in favor of Garden Grove.

The fireworks weren't over for the Mariners, as they tallied again 21. sec. before the half time intermission. Another good punt return got the host team inside the BHS 35 yd. line. A pass from Rotell, the Garden Grove quarterback, to Conatsely gobbled up 31 yds. and two plays later Rotell plunged over from the 1 yd line. Once again Conatsely's kick for the PAT was good.

Leading 22-0 as the two teams returned from their locker rooms to start the second half of play, the Mariners intercepted a pass

(Continued on Page 7)

NWC varsity team is good test for Cerro Coso cagers

A full-game scrimmage that provided the opportunity for coaches of both the NWC varsity basketball team and the Cerro Coso Community College cagers to get a better idea of how well their players are coming along was held last Saturday morning at the Center gym.

The college squad won the free-scoring game by a final score of 102-92, but the high point man of the contest was Skip McIntosh, who tallied 55 points for the China Lakers. Kenneth Gibson, the only other Navy hoopster to break into the double-figure scoring column, tallied 12.

The Cerro Coso Coyotes built up a 15-point lead of 59-44 during the first 20 min. half and, as Bill Locke, coach of the college team, substituted freely to give more players experience, this lead was cut to 10 points at the final buzzer.

John Hall tallied 31 points to lead the Cerro Coso Coyotes in the scoring department, while teammates William Mitchell and Danny Chavis chipped in with 19 and 17 points, respectively, for the college team.

The Cerro Coso team, Coach Bill Locke stated, utilizes a motion offense that features a lot of screening and moving without the ball, as well as a fast break. Emphasis during scrimmage with the NWC varsity squad was on offense, since it takes longer for a team to develop its offense than it does to play defense, Locke added.

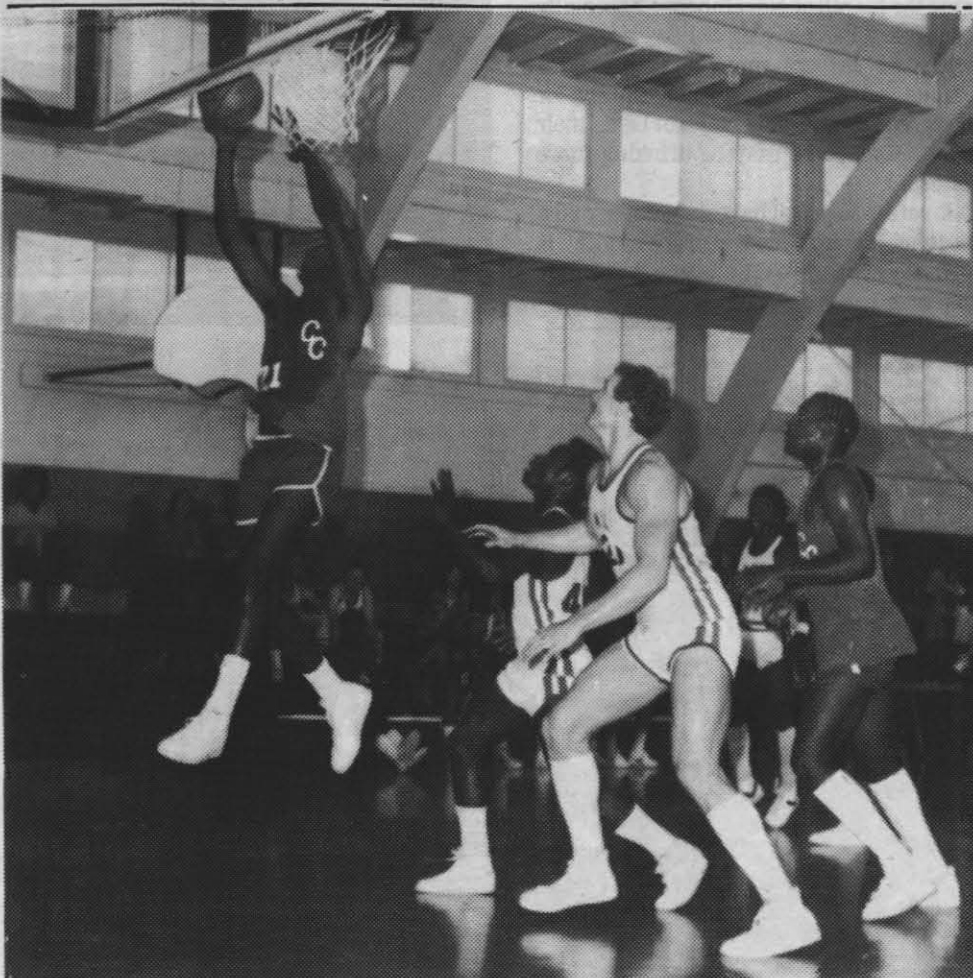
The scrimmage was scheduled as a means of seeing how well the team's offense, which has been stressed in practice, has developed by testing it against capable opposition.

From his viewpoint, Chief John Smith, coach of the NWC varsity basketball team, was pleased at the all-around performance of the Navy squad and how well his players did against their college opponents.

Plans call for scheduling NWC varsity basketball games against teams from the San Diego area, and also to enter this squad in 11th Naval District and Mojave Desert Inter-Service League competition.

The Cerro Coso College Coyotes, who compete in the Desert Athletic Conference, have a non-conference opener scheduled on Nov. 24 at Porterville, and then will play their first home game of the 1979-80 season against Reedly Community College in the Center gym on Nov. 30.

Desert Athletic Conference competition will get underway after the first of the year.



CHALK UP TWO — Anthony Jackson, of the Cerro Coso College Coyotes, drives for the basket during last Saturday's scrimmage between the college cagers and the NWC varsity squad. China Lakers who are moving in, but are too late to block the shot, are Bob Bailey (nearest camera), a forward, and Basil Robinson, who plays a guard position. Trailing the action is Dan Chavis, another player for the college team which outscored the Navy squad 102-92. — Photo by Ron Allen

into scoring position by Steve Curran, Missy Franze and Matt Duncan. The Rowdies were able to move the ball on some good passing by Chris Mills and Will Freeman, but were unable to score.

Armando ValDevea broke loose for two goals, and one each were added by Jacob

Junior High Soccer League players to vie in all-star game

As a finale to the 1979 fall season of Junior High School Soccer League competition, an all-star game will be played tomorrow night, starting at 7 o'clock, at the Burroughs High School athletic field.

This game is being played as a memorial to Eric Buffum, a local youth who died this past August. Prior to being stricken by a fatal illness, young Buffum had been active in the Youth Center Soccer League at China Lake and in the junior high soccer program as a player for the Monroe School team.

Proceeds from the admission price of \$1 for adults and 50 cents for students will be sent in memory of young Buffum, son of Mr. and Mrs. Frank Buffum, to the Children's Hospital in Los Angeles.

During regular season play, that ended on Nov. 1 between the six teams in the Junior High Soccer League, the Murray Junior High Mustangs emerged as champions by the slim margin of 1 point over the Strikers, another Murray School team.

The league is co-sponsored by the Sierra Sands Unified School District and the Ridgecrest Recreation Department, and games were played at Kelly Field on the Murray School campus and at Davidove Field.

Jones and Peter Martinez in the 4-1 win by the Fury over the Chiefs. Tim Matson prevented a shutout as he booted the ball into the net — scoring a goal for the Chiefs, who were led on defense by Zak Bird and goalie David D'Anza.

In American Division contests at Davidove Field, there were four shutouts as the Drillers defeated the Rogues 2-0, the Hurricane and the Timbers defeated the Lancers and the Sting, respectively, by identical scores of 4-0, and the Strikers edged the Blizzard 1-0.

David Tetmeyer converted a penalty kick late in the first half and then broke through for another goal in the final minutes of the game to lead the Drillers to a 2-0 win over the Rogues. Wayne Shadd of the Rogues worked his way into good scoring position on several occasions, but his teammates couldn't get the ball to him when it counted.

Persistence paid off for the Hurricanes, a team that has been frustrated for the past few weeks but which came through last Saturday with a 4-0 win over the Lancers. Goal scorers for the Hurricanes were David Mann (2) and Phillip Walker and Tommy Faller (1 each). Players credited with assists on the Hurricanes' scoring plays were Erin Kennedy, David Mann and Walker.

Tony Haaland was outstanding on defense for the Hurricanes, and it was Paul Andrews and Matt Mechtenberg who led the scoreless offense of the Lancers.

In the other 4-0 shutout played between American Division teams, the Timbers rolled to a victory on the strength of two goals by Eric Wee and two more by Matt

(Continued on Page 7)

A03 William Reed selected as VX-5's October Sailor of Month

Aviation Ordnanceman Third Class William W. Reed has been selected as Sailor of the month for October by Air Test and Evaluation Squadron Five (VX-5).

The letter of commendation to A03 Reed, signed by Capt. Paul D. Stephenson, Commanding Officer of VX-5, noted that his enthusiasm and knowledge of the ordnance field is evident by the meticulous and expert manner in which he has accomplished his daily tasks.

The letter continues by noting that A03 Reed has demonstrated professionalism in all aspects of his assignments as an ordnance crew leader, before concluding with the Commanding Officer's congratulations and a "Well Done."

A03 Reed has spent 18 months of his 2½ years in the Navy at China Lake. He was born in Tulsa, Okla., but calls Catoosa, Okla., home. He adds that he doesn't really live in the town which has a population of 925, but that he lives out in the country a way.

His life "in the country" enabled him to take up his hobbies of bareback riding and bull riding in rodeos. Since he has been in the Navy he has not had much opportunity to pursue either of these hobbies, but has been able to spend some time fishing. He also learned how to ski during the past winter and is looking forward to another ski season before he leaves for sea duty next March.

As a result of his selection as the VX-5 Sailor of the Month, A03 Reed will enjoy one



A03 William W. Reed

month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar.

He will also receive a plaque, and his photo will be displayed along with those of other squadron Sailors of the Month.

Special holiday hours slated for business, recreation facilities

Some changes in the hours of operation at business and recreation facilities on the Naval Weapons Center will result from the nationwide federal holiday on Monday in observance of Veterans Day (formerly Armistice Day), which has been returned to its original date of Nov. 11.

The Navy Exchange will be closed Monday along with the Service Station, the Commissary Store, the Barber Shop, and the Center Library.

The camping issue unit, ceramics shop, main hobby shop, and skeet and trap range will all be closed on Monday.

Facilities that will be open on Monday are the Hall Memorial Lanes for bowling from 11 a.m. until 11 p.m.; the indoor swimming pool from 11 a.m. until 6:30 p.m.; the Center theater at 7 p.m.; and the golf course (which is usually closed on Mondays) will be open from 7:30 a.m. until 5:30 p.m., but will be closed on Tuesday.

The Center Gym will follow its usual holiday hours of 11 a.m. until 7 p.m.; the Youth Center will be open from 10 a.m. until 5:30 p.m., and the Mini-Mart in Bennington Plaza will be open from 10 a.m. until 7 p.m.

All Special Services Division activities will follow their normal weekend routine on Saturday and Sunday.

'Alternative Futures for NWC' topic for ASPA lunch meeting

Earl Towson, head of the R&D planning program for the Weapons Planning Group, will discuss "Alternative Futures for NWC" at a lunch meeting of the American Society for Public Administration on Friday, Nov. 16.

The meeting will be held in the Commissioned Officers' Mess at 11:30 a.m., and will be open to all interested persons.

Menu choices are teriyaki beef with fried rice, vegetables, and salad, at \$3.95 for ASPA members and \$4.25 for nonmembers, and chef's salad at \$3.25 for members and \$3.50 for nonmembers.

Reservations are required. They may be made by telephoning Linda Roush at NWC Ext. 2875 or 3311, during working hours, or at her home, 375-5937, after hours, or by telephoning Mickey Strang at NWC Ext. 3354 during working hours.

Reservations must be made by the close of the working day on Wednesday, Nov. 14.



GRATITUDE EXPRESSED — Mrs. Betty Faller acknowledges the tributes paid to her late husband at the dedication ceremonies when Ridgecrest Heights Elementary School was renamed Theodore H. Faller School. The painting of LCdr. Faller will be hung in the school and the plaque will be mounted on the building. Mrs. Faller expressed her appreciation for the overwhelming response of love and sympathy shown her and the children following her husband's death.

Faller School dedicated in memory of heroic aviator

"I cried tears of mixed joy and sorrow," said Mrs. Betty Faller, widow of LCdr. Theodore Faller, "when I learned that this school would be dedicated in the name of my husband. I was overwhelmed that the people of this community would express their feeling for him in this way."

Mrs. Faller spoke at the simple but moving ceremony last Friday morning when Ridgecrest Heights Elementary School was officially dedicated as the Theodore H. Faller Elementary School.

As his wife, children, and parents were joined by children from the school, school staff, and community and Navy officials, the school was renamed for LCdr. Faller who lost his life on Aug. 13 when he guided his disabled QF-36 aircraft away from the school and surrounding houses.

4,000 Sign Petition

More than 4,000 residents of the community signed a petition asking that the school he saved be named for LCdr. Faller; the petition was presented to the Board of Education of the Sierra Sands Unified School District at its meeting of Sept. 6. By acclamation, members of the board adopted a resolution declaring that the name of the Ridgecrest Heights Elementary School be changed to the Theodore H. Faller Elementary School.

Before reading the resolution to the assemblage, Roderick McClung, president of the board, noted that "while many of our heroes look better in school texts than in the flesh, today we are honoring a hero whose memory will not be tarnished."

McClung continued, "he did what needed to be done although he knew that he might die. . . He served God, his country and community, and he served his family."

Framed Copy Presented

McClung then presented a framed copy of the resolution to Mrs. Faller.

Other presentations to Mrs. Faller and to LCdr. Faller's parents included student letters (presented by Jeff Krausman and Roger Breitenstein, students from the school), and a photograph of the school (presented by its principal, Martha Boot).

Gary Whitnack, on behalf of the school Parent-Teacher Association, local merchants, and Seabee Reserve Unit 0217, dedicated a monument to Faller that was built by the local Seabee Reservists.

A plaque to be mounted on the school

building was presented by Sam Treat, president of the Ridgecrest Lions Club.

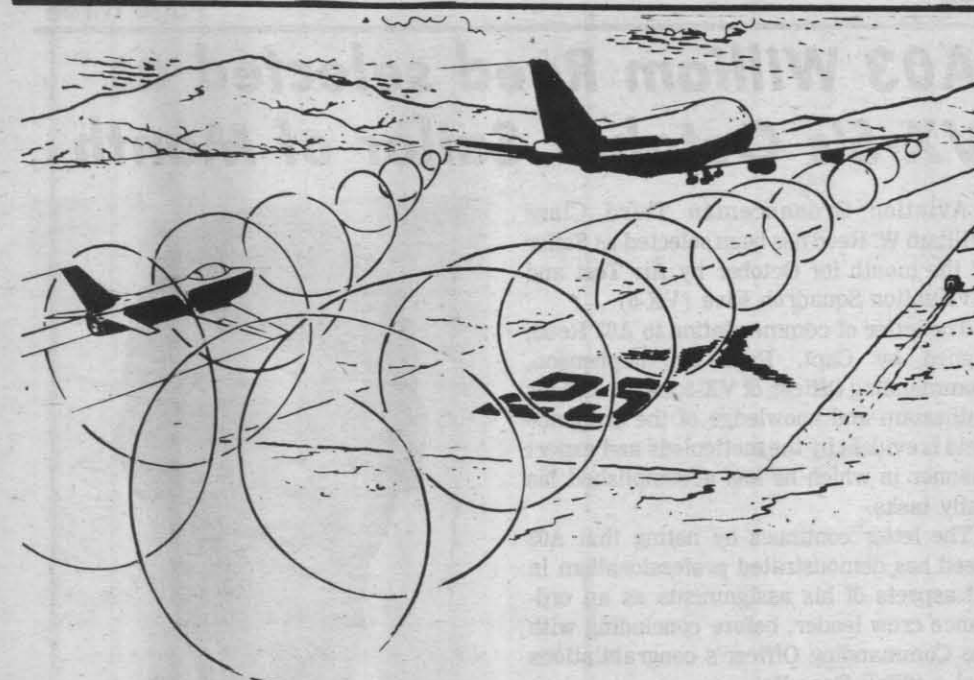
Dr. Pierre St-Amand, representing the Rotary Club of China Lake, said that while their motto is "service above self," he feels humble in the presence of the service displayed by LCdr. Faller as he gave his life to ensure the safety of others. Dr. St-Amand added that "in times of peace it is easy for media to overlook the quality of our Armed Forces. LCdr. Faller did not do less than that which any other Naval aviator would have done."

He concluded with a suggestion to the children of the school that they choose for their own lives the example of service set by LCdr. Faller.

Don Zurn, Ridgecrest Kiwanis Club



RESOLUTION READ — Roderick McClung, president of the Board of Education of the Sierra Sands Unified School District, reads the resolution renaming the Ridgecrest Heights Elementary School after LCdr. Faller, who stayed with his disabled aircraft and steered it beyond the school site. More than 4,000 local residents petitioned the school board to rename the school.



ROUGH RIDING—This artist's conception by Walt Koerschner illustrates how a QF-86 Sabrejet drone aircraft descended for landings, despite the turbulence and the visibility problems that were created by smoke used to mark the vortex in the wake of a four-engine Boeing 747 jetliner. The drone was flown at a distance of four miles behind the much larger and heavier aircraft.

Drone used in landing turbulence tests . . .

(Continued from Page 1)

from side to side, but there was not much up and down motion, Reep reported.

Seven drone aircraft landings at Armitage Airfield were made last Saturday. During each of them, Reep, the drone controller, kept the QF-86 four miles behind the jetliner—constantly seeking the vortex (area of turbulence) in the wake of the huge craft. At an altitude of approximately 100 ft. above ground level, the task of chasing the vortex was abandoned and the drone aircraft was brought in for a landing.

The huge jetliner made touch and go landings of its own and then continued on around to wait for another test landing run of the pilotless aircraft.

"The photography here is some of the best I've ever seen," Tymczyszyn added, noting that the FAA hopes to produce educational films from the movies of these tests.

In addition to camera coverage, a van equipped with special laser instrumentation capable of measuring the size and strength of the vortex of turbulence created by the jetliner as it approached Armitage Airfield for landings was placed left of the center line of the runway, approximately 3,500 ft. from the initial point of contact by the aircraft's landing gear with the ground.

Dick Truax and Tom Doyel have shared the duties and responsibilities of test project engineers in preparing for this program at China Lake. Both are assigned to the Air Projects Branch of the NWC Test and Evaluation Directorate.

Successful small aircraft landing tests here using a drone will clear the way for manned aircraft landings in a NASA T-37 (a 6,700 lb. jet trainer) at NASA's Dryden Flight Research Center at Edwards Air Force Base, Russ Barber, the project manager at Edwards, stated.

The Boeing 747 jetliner pilots were Fitzhugh L. Fulton, a NASA employee, and Paul Bennett, a flier from the Boeing Corp. NASA and FAA pilots who will be involved in the landing tests using the T-37 trainer at Edwards AFB are John Manke, Director of Operations for NASA at Dryden; Tom McMurtry, Steve Ishmael, and Tymczyszyn.

This, according to Tymczyszyn, looks like the culmination of a lot of hard work by people who have made use of wind tunnel, water tanks, and full-scale flight testing to arrive at the point of progress where this test effort now stands.

Among the major contributors was Dell Croom of NASA's test facility in Langley, **AFGE meeting slated Mon.**

The American Federation of Government Employees, Local 1781, will hold its regular monthly meeting at 7 p.m. Monday at 65-B Halsey Ave., China Lake.

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Police Division, Safety and Security Department, who are located at China Lake.

Va., who first proposed extension of the spoilers on the wings of the Boeing 747, and then supervised extensive wind tunnel tests that showed the potential for success which this change offers.

Extending the spoilers will result in a little more noise during landings of the 747 jetliner, and consume a small amount of extra fuel, but the resultant increased safety for small aircraft in the vicinity of the airport will more than offset these two factors.

Wind tunnel tests indicate that the same type of modifications to the wing spoilers of the Boeing 747 jetliner will alleviate the vortex of turbulence created during landings by the whole family of heavy aircraft, including the DC-10, the Lockheed L10-11, and the military C-5.

This also has been borne out by mid-air flight tests of small-size aircraft that were flown in the wake of the jumbo jets.

(Continued from Page 2)

No. 793182, Code 3145 — This position is that of Head, Computer Engineering Branch, Avionics Division, Systems Development Department. As branch head, the incumbent is responsible for the technical and administrative supervision of branch members in all aspects of digital system design, fabrication, test and programming. He is responsible for making work assignments to branch personnel. He provides for and leads training of branch members in the fields of logic design, system integration, computer applications, software and applications programming, and digital system architecture. The incumbent initiates plans and proposals for work in his branch. He consults to the division, the department and to NAVAIR, other activities and industry on computer applications to airborne systems. Job Relevant Criteria: Knowledge of real time digital systems; hardware and software and their mutual effect on system design; knowledge of on-line problem-solving techniques and simulation; experience in technical and administrative supervision; ability to communicate effectively orally and in writing; ability to work effectively with civilian and military personnel throughout DoD. Note: GS-13 is continuing classification system by NCP. Supervisory Research Chemist, GS-120-13, PD No. 7938029, Code 3858 — (Temporary NTE 1 year). This position is that of Branch Head for the Polymer Science Branch, Chemistry Division, Research Department. Incumbent performs research and directs the performance of branch personnel in advanced areas of general material and polymer synthesis and characterization, surface chemistry, adhesion, and viscoelasticity in order to solve problems of particular interest and concern to the Center and to the Navy. Job Relevant Criteria: Ability to work in different areas involving combinations of physical, organic and analytical chemistry; demonstrated ability to supervise scientific personnel; knowledge of DoD and Navy research programs and policies. (Promotion Potential to GS-14 dependent upon research qualifications and classification approval by NCP). NOTE: This position may become permanent after one year.

Electronics Technician, GS-854-9/10, PD No. 7931183, Code 3145 — (Promotion potential to GS-11). This position is lead technician for the F-18 Weapons Systems Support Facility (WSSF), operating out of the Computer Engineering Branch, Avionics Division of the Systems Development Department. Incumbent will provide support to the F-18 program in the areas of electronics circuit and hardware design, supervision of contractor efforts in design and fabrication areas, and evaluation testing. Incumbent will have responsibilities related to the day-to-day operations of the WSSF which include scheduling, maintenance and resource planning. Job Relevant Criteria: Ability to apply electronics design/packaging concepts to the field of tactical avionics; ability to technically lead a group which may include engineering personnel and technicians at various levels; ability to effectively interface with contractor and other support personnel; ability to convert designs into high quality working breadboard model hardware.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 210, Ph. 2371.

Writer-Editor (Printed Media), GS-1082-5/7, PD No. 7934026 and PD No. 7934027N, Code 3411 — Two vacancies. Applications from status eligibles will be accepted. These positions are located in the Writing Branch, Publications Division, Technical Information Department. The incumbents are trained in the writing and editing of technical reports, brochures and administrative reports. Duties include editing manuscripts and gathering information, organizing it and presenting it in written format. Job Relevant Criteria: GS-5: Ability to interface effectively with all levels of Center personnel; ability to analyze data; ability to gather information. Knowledge of editing techniques. GS-7: Skill in gathering information; skill in analyzing data and organizing facts; knowledge of publishing techniques. Skill in editing. Promotion potential to GS-9. Promotion not guaranteed.

Secretary (Typing), GS-318-4/5, PD No. 7932007, Code 3241 — (Promotion potential to GS-5). Incumbent is secretary to the associate department head, Ordnance Systems Department. Takes messages; maintains calendar; maintains associate's files; screens, routes incoming information for action; screens calls and visitors, referring to appropriate personnel; makes travel reservations; schedules meetings and appointments; types branch members' correspondence; prepares technical reports from notes and handwritten drafts. Uses judgment to compile pertinent documents and background information for supervisor; establishes and maintains supervisor's files. In addition to secretarial duties, provides clerical support for approximately ten members of department staff. Job Relevant Criteria: Ability to perform a variety of secretarial duties; ability to communicate effectively and correctly, both orally and in writing; ability to deal tactfully and efficiently with both the public and all levels of NWC employees; knowledge of NWC organization and policies; ability to type with speed and accuracy.

Clerk-Typist, GS-322-4, PD No. 7545128, Code 3241 — This position is that of secretary in the Propulsion Analysis Branch, Advanced Technology Division, Ordnance Systems Department. The incumbent performs secretarial and clerical office duties including: reception of visitors and phone calls; typing of official technical and business correspondence, reports, memoranda, travel orders and procurement requests; maintaining branch office files; timekeeping; and other duties as assigned. Job Relevant Criteria: Ability to type accurately and efficiently using an IBM MAG Card Selectric Typewriter; ability to organize and process the required work without close supervision; and ability to work harmoniously and effectively with others.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2392.

Mechanical Engineer, GS-830-13, PD No. 7933074E, Code 3411 — This position is located in the Air-Launched Weapons Fuzes Branch, Electromechanical Division, Fuzes and Sensors Department. This position is that of a project engineer. Duties will include planning and direction of the development of warhead safety-arming devices/rocket motor arming devices for current and future guided missile warheads and rocket motors. Job Relevant Criteria: Knowledge of the design and development of electromechanical fuze systems, warhead safety-arming devices and explosive components; knowledge of the documentation, qualification and testing of electromechanical fuze systems, warhead safety-arming devices and explosive components; knowledge of production techniques and processes.

File applications for the above with Susie Cross, Bldg. 34, Rm. 210, Ph. 2371.

Writer-Editor (Printed Media), GS-1082-5/7, PD No. 7934026 and PD No. 7934027N, Code 3411 — Two vacancies. Applications from status eligibles will be accepted. These positions are located in the Writing Branch, Publications Division, Technical Information Department. The incumbents are trained in the writing and editing of technical reports, brochures and administrative reports. Duties

Some grand opening sale items are still available at Navy Exchange, Mini-Mart

In celebration of the grand opening of the new Navy Exchange store and Mini-Mart, some special sale items are still available, according to Lt. Bob Boyd, Navy Exchange Officer.

These include such wildly disparate items as gold jewelry, toaster ovens, some radios and cassette players, and racquetball racquets and table tennis sets. Other special grand opening sale items can also be found throughout the store, along with the specially priced items on sale during the whole month of November.

In the main store, travel is the theme, and the articles on sale include such travel-related items as luggage and motorcycle helmets, while in the Mini-Mart soft drinks, cases of beer, and some brands of toothpaste and detergent are on sale.

The NEX service station and garage join in offering specials to regular customers in car products and services such as radiator flushing or brake checks.

Personalized Services will get into the holiday spirit by offering Christmas tree

Free immunizations available at Health Dept. clinic Tuesday

Another opportunity will be provided for infants and children not yet fully protected against common childhood diseases to obtain shots free of charge at a Kern County Health Department immunization clinic.

The next such public clinic to be held in the local area has been scheduled on Tuesday from 9 a.m. to 3 p.m. at the Health Department office located at 250 W. Ridgecrest Blvd. in Ridgecrest.

No appointments are necessary, but parents or legal guardians must accompany children to the clinics and sign consent forms. Shots will be given to protect children from 2 months through 17 years of age against DPT, polio, measles and mumps.

ornaments on sale. Also featured during November in the Personalized Services is a 10 percent reduction on technicolor photo processing and 25 percent off on optical glass orders when two pairs of glasses are ordered at the same time.

Time cards due early because of Nov. 22 holiday

All personnel who are responsible for the submission of employee time cards are reminded that, because of the Thanksgiving holiday on Thursday, Nov. 22, time cards for the pay period which ends on Saturday, Nov. 17, must be turned in by 9 a.m. next Friday, Nov. 16.

The early deadline is necessary because the processing of timecards must be completed on Nov. 16 for the payday occurring on Friday, Nov. 23.

In order to meet the Nov. 16 deadline for submitting employee time cards, it will be necessary for departments to project or estimate what will occur in regard to the amount of time each employee works next Friday.

If it is later discovered that time card projections are in error as submitted, such errors can be corrected by departments who are asked to send their payroll representatives to the Payroll Office in order to make such corrections between 3 and 4:30 p.m. on Friday, Nov. 16.

Any time card errors discovered after Nov. 16 should be corrected by sending a memorandum to the Payroll Office, Code 0841, during the following work week.

Any overtime worked on Friday night, Nov. 16, or on Saturday, Nov. 17, should be submitted on a supplemental time card for payment during the following pay period.

Traffic accident summary lists causes of vehicle mishaps on board Center

In spite of continuing efforts to reduce traffic accidents at the Naval Weapons Center, some drivers and motorcycle riders during the month of October failed to use caution (that ounce of prevention) to reduce the possibility of an accident happening. Although there were no reported bicycle accidents during the month, 16 other vehicle accidents occurred.

Three were motorcycle accidents and, in one of them, a motorcycle struck a pedestrian.

In another, the motorcycle rider had to lay his cycle down to avoid a two-vehicle collision. In this instance, the motorcycle rider turned a corner while traveling at too high a rate of speed for safety and suddenly found himself confronted by an automobile that was backing out into the street.

In the third accident on Center involving a motorcycle rider during the month of October, the motorcycle struck the rear end of a truck.

Causes of the 13 additional vehicle accidents reported on the Center during the month of October can be summarized as follows:

Driving at a speed too fast for the conditions was listed as the cause of a one-car rollover on an NWC range road.

Failure of one driver to yield the right-of-way to an approaching vehicle at an intersection resulted in personal injuries, as well as vehicle damage.

One motorist, allegedly driving "while under the influence," struck a chain link fence, and there were four other vehicle mishaps that resulted in damage to government property.

In these latter accidents, a stop sign pole was bent, a speed limit sign was struck and run over, the mirror on a visitor's vehicle hit the pass box at the NWC main gate, and an overhead communication cable was broken when the operator of a piece of large equipment attempted to drive beneath it even though there was insufficient clearance to do so.

Two of the past month's 16 vehicle accidents occurred while drivers were backing up, and there was one collision (circumstances unknown at the present) that involved two government vehicles.

During three other vehicle mishaps, one car struck a pole while starting to drive from a parked position; in another the

National Children's Book Week will be observed Nov. 12-18

"More Books in the Home" is the theme of National Children's Book Week, which will begin Monday and continue through Sunday, Nov. 18.

According to Elizabeth Wilkie, who is in charge of the Center Library, the Children's Book Council gives two major awards each year. The Caldecott Medal is awarded to the artist of the best illustrated children's book. This year's award went to Paul Goble for "The Girl Who Loved Wild Horses".

The Newberry Medal for the most outstanding children's book published in the preceding year went to Ellen Raskin for "The Westing Game". Both titles are in the Center Library's collection.

Family involvement with youngsters in their first reading experience is basic to the enjoyment of reading by young people, Ms. Wilkie noted. The Center Library houses a wide array of tales from other lands and other ages that make interesting and informative reading and listening for all.

Simple plays and poetry books are available for those who like to share their reading pleasure.

There are many exciting additions made to the children's collection each year. The Center Library reminds readers that dependent children of all those associated with NWC—military or civilian, regardless of their place of residence—are eligible and most welcome to use the library.

driver was picking up a ballpoint pen from the floor of his car and this bit of inattention to driving caused the vehicle to strike a parked car. There also was a hit-and-run incident during which a parked car was damaged.

Drivers on the Naval Weapons Center are reminded to report any accident in which they are involved to the NWC Police Division.

Centerites are urged to drive carefully during the month of November—especially around the Thanksgiving holiday period—since some drivers may be doing extra shopping or enroute to join family or friends, and their minds may not be on their driving. Also, some may be drinking more than usual.

"Go safely so you'll have something extra to be thankful for at the end of the month" is the advice of the NWC Safety and Security Department.



GEM, MINERAL SHOW HELD — Whether close at home in the Community Center or on field trips to local gemstone collecting areas, visitors to the annual show presented each fall by the Indian Wells Gem and Mineral Society had the opportunity to inspect samples of gemstones and mineral specimens. Display cases set up in the Community Center contained a wide variety of gems and minerals found locally as well as in various parts of the U.S. and in some foreign countries. The contents of the exhibits ranged from rough materials as they were found in the field, to finely polished and preserved lapidary work. In top photo, Roy Briscoe (at right), one of the team of Gem and Mineral Society members who took turns operating diamond saws, shows a small geode that has been cut open to visitors at the show. Russell Allen (at right in lower photo) was the leader of a field trip to the Society's collecting area at Rainbow Ledge in search of samples of colorful jasp agate. Nearly 1,200 persons attended this year's gem and mineral show, Frank Campanaro, the chairman, reported. — Photos by Ron Allen

Firm standards set for heating, cooling . . .

(Continued from Page 1)

Center Notice (NAVWPNCEN NOTE) 4101, now being distributed.

In order to comply, each building must meet cooling to no less than 78 degrees and heating to no more than 65 degrees, unless covered by an exemption or exception.

The name and telephone number of the building energy monitor who will be primarily responsible for determining that these standards are met will be displayed on the certificate posted in each building.

The building energy monitors will be selected by each department. These monitors will determine whether each building is in compliance or will initiate the appropriate action. Monitors will ensure that the heating and cooling systems are functioning properly, and that any necessary information regarding exemptions or exceptions is developed and maintained.

Four classes of buildings are excluded from the Emergency Building Temperature Standards: residences; hotels and other lodgings; hospitals and health care facilities; and elementary schools, nursery schools, and day-care centers. No certificate of compliance will be posted in these buildings.

Exemptions are made for special activities or functions that require temperature control or special environmental control. Examples of these activities would include the use of some types of computers or electronic equipment, some close-tolerance machine work, and some laboratory procedures.

Another class of exemptions may be justified by the type of heating or cooling equipment in the building. For instance, a building cooled entirely by evaporative coolers does not need to meet the summer 78 degree requirement, although a lower minimum of 75 degrees F has been imposed by the NWC instruction. Exceptions to the 78 degree cooling minimum and 65 degree

heating maximum based on the type of system within the specific building are spelled out in NAVWPNCEN NOTE 4101.

Exceptions may also be made if the temperatures cause special hardship, inequity, or unfair distribution of burden. If such a condition is believed to exist, the building monitor will confer with his Department Energy Representative.

If both feel that an exception is justified, a written justification is prepared, approved by the division head, and forwarded through the Department Energy Representative to the Energy Program Office. The Energy Program Office forwards the letter to the Department of Energy, in Washington, D.C., which makes the final determination.

The Energy Program Office notes that the regulations allow for some flexibility.

For instance, electric heaters and heat lamps are specifically forbidden in areas where building heat is functioning and maintained at 65 degrees F, but they may be used by personnel who are working overtime at night or on weekends when building thermostats controlled by time clocks have turned the main heating system down or off.

Free standing fans may be used for ventilation and more even cooling or heating, and so may ventilating systems.

The certificates of compliance must all be posted, and walk-through inspections of all buildings must be made by Department Energy Representatives by Nov. 28, when inspection forms are due at the Energy Program Office. The Command will forward an inspection report to the Naval Material Command by Nov. 30 to meet the deadline established by higher authorities.

Department Energy Representatives have been briefed and will be able to answer questions about the Emergency Building Temperature Standards program and the certificates of compliance.

The situation is sufficiently serious that the President has taken these new measures, some of which may impact on

personal comfort. Each Centerite is urged to pitch in and comply fully with the spirit and intent of this national initiative to conserve energy. Particularly during the initial stages of program implementation, some vexing problems will surely be encountered. The Energy Representatives and Building Monitors will need the sympathetic understanding and cooperation of each Centerite during this period.

Department energy conservation representatives at NWC, their codes, and telephone numbers are:

Kenneth Pritchard, Code 012, ph. NWC Ext. 3733; Phyllis McKinney, Code 089, ph. NWC Ext. 3387; Cy Ebersberger, Code 08001 ph. NWC Ext. 3245; Nick Curran, Code 094, ph. NWC Ext. 2514; Charles Anderson, Code 1202, ph. NWC Ext. 3251; William Sanland, Code 21021, ph. NWC Ext. 2166; Bernie Strunk, Code 3402, ph. NWC Ext. 2266; Alvin Wiruth, Code 244, ph. NWC Ext. 3274; Floyd Castillo, Code 259, ph. NWC Ext. 3486; Major Pinion, Code 26307, ph. Public Works No. 3411, Ext. 381.

Richard Malone, Code 2635, ph. Public Works No. 3411, Ext. 385; Al Cleland, Code 31021, ph. NWC Ext. 2663; Bob Eggleston, Code 3254, ph. NWC Ext. 7418; John Wooldridge, Code 3302, ph. NWC Ext. 3230; Jim Fath, Code 3502, ph. NWC Ext. 2964; Dan Butler, Code 36021, ph. NWC Ext. 3292 or 2733; Bill Cooper, Code 36401, ph. NWC Ext. 3705; William Arnold, Code 3601, ph. NWC Ext. 2604; Roger Peck, Code 381, ph. NWC Ext. 2900.

William Matlock, Code 3802, ph. NWC Ext. 3523; Paul Storey, Code 3943, ph. NWC Ext. 2807; Sam Shonehouse, Code 6111; ph. NWC Ext. 5467; Cecil Daley, Code 6232, ph. NWC Ext. 6287; F. E. Barnett, Code 94, ph. NWC Ext. 2911; S. B. Sabocor, Code 95, ph. NWC Ext. 3138; Lt. Robert Boyd, Code 96, ph. 446-2586; Bill Guiliani, Code 97, ph. NWC Ext. 2502; and Senior Chief John Smith, VX-5, ph. NWC Ext. 5274.