

Movies

FRI-SUN. JULY 3-5
"OUTRAGEOUS FORTUNE"
 Starring Shelley Long and Bette Midler (Comedy, rated R, 100 min.)

TUES. JULY 7
MATINEE
"THE CARE BEARS MOVIES"
 (Animated, rated G, 89 min.)

WED. JULY 8
"HALF MOON STREET"
 Starring Sigourney Weaver and Michael Caine (Suspense, rated R, 84 min.)

THURS. JULY 9
MATINEE
"E.T., THE EXTRATERRESTRIAL"
 Starring Peter Coyote and Dee Wallace (Fantasy/Adventure, rated PG, 115 min.)

FRI. JULY 10
"BLACK WIDOW"
 Starring Debra Winger and Theresa Russell (Suspense, rated R, 102 min.)

Starting Times: Matinee / 2 pm Evening / 7 pm

(G) ALL AGES ADMITTED
 General Audiences
 (PG) ALL AGES ADMITTED
 Parental Guidance Suggested
 (R) RESTRICTED
 Under 17 Requires Accompanying Parent or Adult Guardian

Weather Report

| | Max | Min | Peak Gusts |
|-------|-----|-----|------------|
| Thur. | 108 | 66 | 16 knots |
| Fri. | 110 | 68 | 18 knots |
| Sat. | 111 | 80 | 24 knots |
| Sun. | 105 | 66 | 24 knots |
| Mon. | 106 | 68 | 20 knots |
| Tues. | 103 | 65 | 18 knots |

All measurements are made at Armitage Airfield.

Community Events

Fun, games, picnicking and fireworks are all on the agenda Saturday, July 4, at the Desert Empire Fairgrounds in Ridgecrest. Everyone in the community is invited to attend.

Vietnam Veterans will raise the Star Spangled Banner at 1 p.m., with food and drink booths, games, and bingo all starting at 1:30 p.m. A big fire will be lit at 4 p.m. for those who'd like to barbecue their own foods rather than buying food from the various booths (or to go along with those goodies).

Entertainment begins at 6 p.m. and lasts until the fireworks display closes the evening at 9 o'clock.

Fourth of July is a time when the town of Independence pulls out all stops to celebrate and everyone's invited to attend.

The celebration starts with a breakfast sponsored by the Lion's Club at 7 a.m., followed by the town's annual Independence Day parade at 10 a.m.

Everyone who would like to take part in a parade is invited to march or ride a bike or enter a float. (All the kids in the small community generally decorate their bikes and take their place with the marchers.)

The Commander's House (of old Fort Independence) will be open for tours from 11 a.m. to 4 p.m., and the Eastern Sierra Museum will be open all day.

After a barbecue in the park, there'll be fireworks at 9 p.m. to finish the celebration.

Dr. Carl Austin will speak at an open meeting of the Federal Managers' Association on Tuesday at 11:30 a.m. at the Flight Deck Room of the Enlisted Mess. His topic will be "Military-Civilian Management Interfaces in the Development of the Coso Geothermal Resource." No reservations are necessary; those attending are asked to go through the buffet line or take advantage of the salad bar.

Museum lunch tickets sold

Tickets are now on sale for a cake. Tickets for the gourmet lunch at Maturango Museum lunch to be held 11:30 a.m. on Monday, July 20 are \$10 each.

Tickets can be purchased at the Museum. Lunch will be taco museum's gift shop. Proceeds from the lunch will be used by the museum.

Astronomers to meet Mon.

Members and guests of the China Lake Astronomical Society and a supernova will be presented. All interested persons are invited to attend.

Members and guests of the China Lake Astronomical Society will get down to earth at their meeting Monday at 7:30 p.m. at the Ridgecrest Branch of the Kern County Library when they discuss telescopes built by amateur astronomers.

In addition, reports will be given on star parties held recently and astronomical data on several comets

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Pity the umpire--he still wins no respect—P-11

Simmons honored after 40 years of service—P-14

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. LXII, No. 26/July 3, 1987

NACES very successful in runway ejection

Navy pilots will be able to safely eject from a disabled aircraft at 130 knots and about 110 feet above the ground--inverted-- when the Navy Aircrew Common Ejection Seat (NACES) and the new 6.2 meter aeroconical parachute for it are installed in new production aircraft.

Personnel from the Range, Aircraft and Aerosystems Departments at the Naval Weapons Center recently conducted a successful runway level ejection seat test of NACES and the new parachute from a YF-4J Phantom. The purpose of the test was to demonstrate that shielding installed in the test bay of the aircraft would provide protections to the aircraft flight controls from blast pressures generated by the ejection seat rocket motor.

Foster Richards of the Aerosystems Department's Recovery Systems Program Office said the test had been very successful, clearing the way for the first of six in-flight test of this new system scheduled for yesterday (July 1).



BLAST OFF--Powered by powerful rocket motors, the newest ejection seat (NACES) being developed for use in Navy aircraft, blasts free of the YF-4J during the runway level test. This successful test set the stage for the first of six inflight tests of NACES starting this month.

NACES, developed under a contract with Martin-Baker Aircraft Company, Ltd., is designed as a common ejection seat for the F/A-18, TF-18, T-45, F-14D and A-6F aircraft. Currently each type of Navy aircraft has a different model seat. NACES, which will be competitively procured, is expected to reduce ejection seat life-cycle costs as well as increase the likelihood of aircrewmember survivability.

The new parachute, like that now used the the F/A-18 Hornet, will be packed in a sealed, pressurized container

Cdr. Jack Paschall honored

Winner of the Laboratory Director's Technical Officers' Award for 1987 is Cdr. Jack Paschall.

The award was inaugurated to honor the significant and important work done by officers assigned to the Laboratory Directorate. Prior winners include Col. John Tyler, USMC, and LCdr. Steve Enewold. Cdr. Paschall is the third officer so honored.

Cdr. Paschall, Code 3107A, has been serving as Deputy for Test and Evaluation and chief test pilot for the F/A-18 Weapons System Support Activity (WSSA) at NWC since June 1984.

"It's a real privilege to give this award to you," said Bill Porter, Laboratory Director, who wrote the letter of commendation given to Cdr. Paschall and made the presentation at a meeting held last

Thursday. He noted that Cdr. Paschall has shown exceptional capabilities as a manager, engineer, test pilot and Naval Officer.

The letter says that "During your tenure the F/A-18 85X series of Operational Flight Programs marked a major milestone as the first major OFP to be released under the 'principle site' concept. This arrangement included all Design and Development and Verification and Validation flight testing for the contractor and the Navy at the Naval Weapons Center WSSA. It is estimated this concept saved the nation \$22 million per year, a benchmark for other WSSA fleet release efforts."

(Continued on Page 6)

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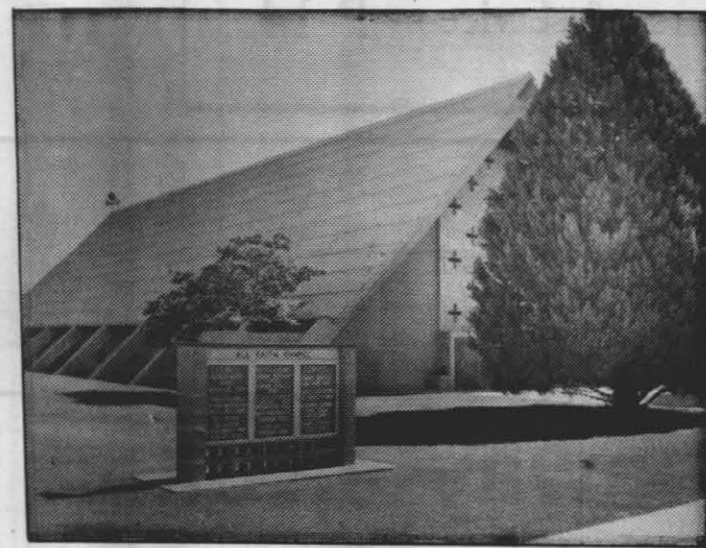
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Divine Services

Protestant
 Sunday Worship Service 10:30 a.m.
 Sunday School (September thru June) 9:00 a.m.
 Bible Study (East Wing)
 Wednesday 11:30 a.m. (September thru June)
 Thursday 6:15 a.m. Men's Prayer Breakfast
 7:00 p.m. Officer's Christian Fellowship
 Christian Military Fellowship

Islamic
 Jumaa Prayer (Friday in Annex 4) 1:00 p.m.

Roman Catholic
 Sunday Mass 9:00 a.m.
 Communion Service (Monday) 11:35 a.m.
 Daily Mass (Tuesday thru Friday) 11:35 a.m.
 Confession (Friday) 4:30-5:00 p.m.
 Religious Education Classes (Sunday) 10:30 a.m.
 (September thru May)

Jewish
 Weekly Services (Friday-East Wing) 7:30 p.m.
 New classes will begin in September

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Forests set for big crowds

Many vacationers will be heading for the mountains and national forests for the long holiday weekend. Officials of the Sequoia National Forest are prepared for the annual onslaught of visitors starting today (Thursday). All campgrounds, backcountry trails, highways and roads are open, and most off-road vehicle trails are open on the Kern Plateau.

Everything is in readiness in the Inyo National Forest as well. The snow level on trails leading to popular backcountry destinations is about 11,000 feet. Even the Mt. Whitney Trail is open, although crossing the remaining snowfield can be hazard-

ous. Visitors planning to make the trip to the top of Mt. Whitney are reminded they must have reservations for camping if they intend to make it an overnight trip.

Fire prevention in the high country is a critical concern in this dry year. All fireworks, including the "safe and sane" types legal in other parts of California are illegal to possess or use in either forest. Visitors can help prevent wildfires by building campfires on bare dirt and clearing all leaves, twigs and pine needles from a 10-foot circle around the fire. Campers should never leave a fire unattended and should be sure the fireplace is cold

to the touch before leaving.

"If you pack it in, pack it out," is the theme for backcountry use. Forest officials ask visitors to the Inyo and Sequoia National Forests to leave the area as clean or cleaner than they found it.

Whitewater rafting trips are offered on the Kern and Kings Rivers by commercial rafters. In addition, free permits are available for non-commercial rafters at Forest Service offices on the Sequoia National Forest. The water is very cold and swift. Rafters are urged to use extreme caution if they decide to venture into the water

Juvenile officer gives advice

How old must children be before they can be left home alone is a question often asked by parents, especially at this time of the year, according to Sgt. Stanley Austin, Juvenile Officer for the China Lake Police Division.

He notes that the Kern County Welfare Office considers this on a case-by-case basis. The deciding criteria include whether the child is able to telephone for help and has the judgment to do so, whether the child can handle emergencies, and whether the child is alone or is expected to be responsible for younger children as well.

"Parents have to educate their own children to meet these needs and children differ in their maturity level," he says, "so it's a little hard to put a definite age on it. However, parents are held responsible if there are any problems with the children, so it's wise to be cautious before leaving children alone."

Sgt. Austin notes the crime rate on board is relatively low, but there are some problems with juveniles.

"Generally the first time that a youngster is apt to come into contact with the law is around the age of 10," he says. "By that age the little things that children do before they learn how to deal with other people is more considered to be mischief. At 10 or so, children are expected to know that what was considered mischief earlier is really illegal activity that damages others."

He says that vandalism is the biggest problem with juveniles on board NWC, vandalism being damage deliberately inflicted to the property of other individuals or the government.

Second biggest problem currently, Sgt. Austin feels, is bicycle theft. "There are a lot of people of all ages who just hop onto the first bike they find and take off. They may abandon the bike later or may try to keep it or sell it."

One good way to counter such theft (and to improve the possibility of having a missing bike returned) is to register the bike with the China

Lake police at the police station on East Inyokern Road. No set hours have been established for doing this; the bike owner just needs to bring the bike to the station.

"Be sure to identify all your property," Sgt. Austin suggests. He says that both China Lake police and the Ridgecrest police have a number of bikes in their impound area that could be returned to owners if there were any way of determining who is the owner is.

Child abuse is also a problem, but a very misunderstood problem, according to Sgt. Austin.

"The child must be injured for it to be considered a child abuse case. The injury can be contusions that need to be checked by a doctor and can be as serious as broken bones, but if there's any doubt whether child abuse exists, we'd like to be called to check it out."

Sgt. Austin has been in his current job since September 1984, but began his work in law enforcement 10 years earlier. Born and raised in Bakersfield, he went to work on the police force in Shafter in 1974.

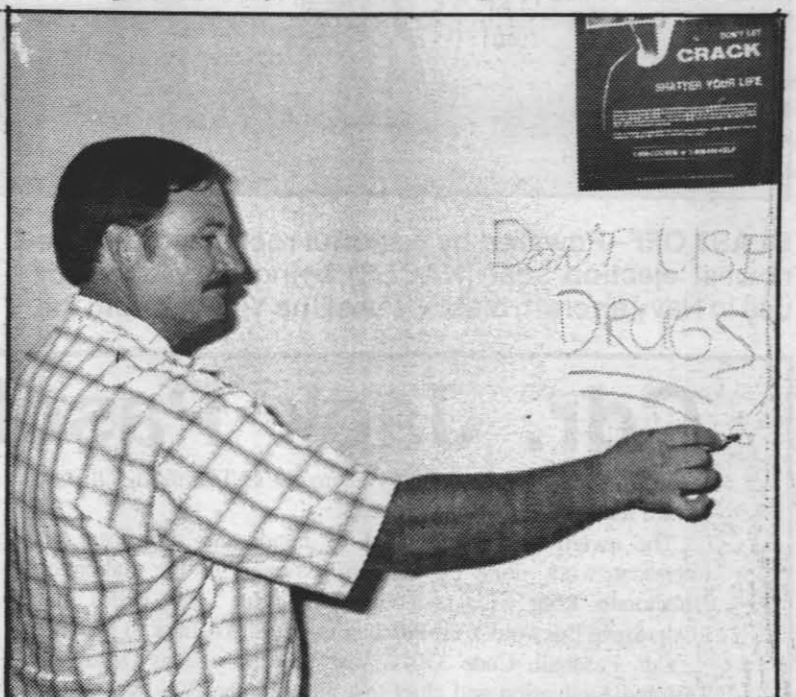
He then became a Ridgecrest police officer and worked there for five years before going to Steamboat Springs, Colorado, where he was a resident deputy sheriff in Yampa, Colorado.

"Lovely place," he muses. "I spent as much time watching deer as watching people."

A back injury caused by trying to carry an elk hunter who had had a heart attack out of the back country to a hospital brought his career in the Sheriff's Office to an end, and he then moved back to Kern County.

Sgt. Austin was employed by NWC at Central Staff for eight months before answering an ad in the Rocketeer for two openings on the CLPD for detectives, and was hired into his current job.

He and his wife, Barbara, who is a secretary in the Phoenix Missile Program Office, are the parents of Tiffany, age 7, and Michael, 10 months old.



DEEP CONCERN—Sgt. Stanley Austin, the Center's juvenile officer, hopes that youngsters of the community will have the self respect not to get involved with drugs.

Note: The vendor will supply terminals and a computer system for class use for the duration of the course.

Deadline: July 14, 1987.
LANGUAGE STRUCTURE REVIEW
 August 6 and 7; 0800-1530; Training Center. By Harvey Levy.

Course Topics/Scope:
 Day One: Reviewing sentence structure; analyzing clauses; and working with common punctuation elements, commas, semicolons, quotation marks, colons, dashes and parentheses.

Day Two: Solving common verb problems, lack of subject and verb agreement, overuse of passive voice and use of smothered verbs; and solving reference problems, misplaced modifiers and confusing pronoun reference.

Deadline: July 23, 1987.
 To enroll in either of these courses, submit Training Request (Form NAVWPNCEN 12410/73) via department channels to Code 094.

SELF-STUDY
INTRODUCTION TO STRUCTURED COBOL (42 hours).
 This introductory course includes a general overview of COBOL as well as descriptions of control structures, compilation procedures, records and files, and COBOL arithmetic and editing features.

Method: CAI/PLATO
 Source: Training Center
 Enrollment Form: 12410/73

CSRS to FERS 'open season'

Open season for transferring from CSRS to FERS is July 1 through December 31, 1987. This is a one-time decision that cannot be changed.

The "FERS Transfer Handbook — A Guide to Making Your Decision," and election forms have been distributed to department offices. All CSRS and CSRS off-set employees will be furnished copies. You should read your handbook before making a decision on whether or not to transfer.

Do not confuse the Election of Coverage Form, OPM Form 1555, with the Thrift Savings Plan Election Form. There are two "open seasons" occurring in July—one for thrift savings participation, which ends on July 31, and one for electing FERS coverage, which ends on December 31. Thrift Savings Plan election does not affect basic retirement coverage in any way.

If you have any questions contact Virginia Spille, NWC ext. 2592.

Applicants accepted

Recent accepted applicants to the Technical Managers Certificate Program (TMC) are: M.L. Slayton, Code 2513; R. Staples, Code 2638; D. Grandjean, Code 3159; F. Shaughnessy, Code 3108; D.R. Blue, Code 3273; E.R. Lanterman, Code 3273; E. Chun, Code 3333; B. Hine, Code 3333; W. Craig, Code 3333; L.A. Baker, Code 33303; J. Gallagher, Code 3351; T. Buetemeister, Code 3351; J. Barnes, Code 3326; P. Williams, Code 33503; G. Cooksey, Code 3353; P. Chmelir, Code 35063; E. Witzel, Code 3546; T. Muhn, Code 3544; G. Gillen, Code 35063; R. Huntley, Code 3505; K. Morton, Code 3606; L. Schlinkert, Code 3657; G. Vernon, Code 3687; D. Henden, Code 3662; F. Kinnich, Code 3662; J.C. Hrbacek, Code 3891; M. Bram-

son, Code 3926; M. Hrbacek, Code 39B4; T. Holtermans, Code 3909; R. Burgess, Code 3921; S. Rajtora, Code 39A3; J. Smith, Code 6204; and D.V. Stanton, Code 62343.

Miscellaneous

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Published by Chalfant Press
 450 East Line Street
 Bishop, CA 93514 (619) 873-3535

This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense or Chalfant Press. The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 93555-6001; telephone (619) 939-3354. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.
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desirable, but not mandatory. Promotion potential GS-5. Status eligibles may apply.

No. 61-009, Secretary (Typing), GS-318-4/5, Code 611. This position provides secretarial support to the

Airfield Operations Office with the added duty of providing back-up support to the division's five branches. Knowledge of airfield operations procedures and IBM Displaywriter system is desirable. Promotion potential to GS-5. Previous applicants need not reapply.

'Demo' overview scheduled

On July 28, Dan Burnett, Code 096, will give a Demonstration Project overview at the Training Center from 8 until 11:30 a.m. for any employee who needs initial information or a review of how the China Lake "Demo" project works.

The training will consist of three parts:

1. Background and history of the

China Lake Demo Project.
2. Description of the Demo System and how it works.

3. Skill-building exercises designed to make class participants knowledgeable in all aspects of the new system.

Training requests must be received by Code 094 by July 13. For further information call NWC ext. 2686.

Recreation Department Non-Appropriated Funds

The following vacancies are not Civil Service positions. These positions are paid for from non-appropriated funds and are administered in accordance with policies established by the Department of Defense. Persons selected for these positions have no Civil Service status and are not eligible for appointment to positions in the Civil Service. Persons interested in applying for these positions should fill out a standard application form (SF-171). Applicants need not be presently employed in a Non-Appropriated Fund Instrumentality (NAFI) position, nor must they be employed at the Naval Weapons Center. The SF-171 should clearly be marked "NAFI" on the top and should have the appropriated Announcement Number listed in Block 1 on the form. Completed applications can be delivered to Room 100 or to Room 120 in the Personnel Building or can be mailed to: Naval Weapons Center, Personnel Department (Code 096), ATTN: NAFI Service Team, China Lake, CA 93555.

No. 22-8729, Supervisory Recreation Assistant, PS-0189-5, \$5.19 per hour, Intermittent

Scheduled, Code 2225 - Incumbent is responsible for operation of the theatre inventory, scheduling, and managing of staff for nightly movies as well as for other theatre functions. Incumbent must be available as an attendant for other group functions and responsible for center theatre operation. Job Relevant Criteria: Knowledge and skill in supervising personnel; ability to run Xetron projector; ability to complete time sheets on theatre personnel; ability to deal with the public in a pleasant manner.

Classes cancelled

BASIC NAVAL CORRESPONDENCE, scheduled for July 9, and XEROX 860 BASIC (UPDATE), scheduled for Aug. 18-20, have been cancelled. The next XEROX 860 BASIC class will be held July 21-23.

Budget cuts tuition support at CCCC

Due to overhead budget constraints, the Center will not be able to provide tuition support to employees who enroll in Cerro Coso Community College courses during the summer and fall of 1987. The only exception to this policy will be to pay for courses required by management as part of approved training programs, such as courses pertaining to prejourneymen or co-op training.

Co-op students do not need a DD-Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement). However, they must tell the registrar at Cerro Coso that they are a NWC co-op student when they register. All other employees enrolling in required courses must submit a DD-Form 1556 via department channels to Code 094 at least one week prior to registration. For the August registration, the deadline is July 24.

Code 094 will return the approved DD-Form 1556 to employees. Employees must take the approved DD-Form 1556 to Cerro Coso when they register in order for NWC to pay for the tuition.



ADVANCED PROGRAMMING IN C September 22-25; 0800-1600; Training Center. By Integrated Computer Systems.

Prerequisite: Prior experience or training for "programming in C." Intended Audience: Engineers, programmers, analysts responsible for development, maintenance on applications on system programs in C.

Course Objectives: In this course you should learn to design and implement advanced algorithms in C; select and customize complex data structures; exploit advanced techniques and C development tools; structure, modify and debug large, multi-module C programs; generate reliable, portable and maintainable software; and create function libraries for specific application needs.

Scope: Hands-on programming in C. Data structures and algorithms, recursion, string and text processing, using libraries, building application support libraries, object oriented programming for high reliability, concurrent programming, processing interrupts in C, creating parallel processes, system streams, techniques for device drivers.

Presentation Methods: Hands-on workshop using Standard C.

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The Skipper Sez...

QUESTION

Good morning, Skipper. I am questioning the laboratory coordinator's memo dated April 21, 1987 pertaining to the Engineering Building and making it a Clean Air Building. In Paragraph 3 of the memo, he says there is an area set outdoors for smokers. There are some people who could have medical conditions that could cause them to not be able to go outside, even though they do smoke. I think this is unfair. They should build a facility for smokers pertaining to this building. I don't feel I should have to go outside to satisfy someone else's needs. Thank you.

ANSWER

We are sorry for any inconvenience that designating the Engineering Building a "Clean Air" Building has caused smoking personnel. The Center's policy per NAVWPNCENINST 5100.16A (Paragraph 5) "involves ensuring a safe, healthy, unpolluted work and living environment." Paragraph 4 of the same instruction says, "The Environmental Protection Agency states that involuntary/passive smoking poses a public health risk larger than the hazardous air pollutants from all industrial emissions combined." Paragraph 5(f) goes on to say "Smoking shall not be permitted in areas shared by nonsmokers unless ventilation is adequate to provide a healthy environment." The Center intends to carry out the spirit and intent of this policy to the fullest extent. Because of the number of complaints about lack of fresh air and build-up of stale smoke, we felt it in the best interests of the majority of the personnel to initiate a "no-smoking" rule.

It is not our intent to build separate facilities for smokers. The Surgeon General has determined that smoking tobacco is the most preventable cause of illness and death. We support educational programs on the adverse effects of the use of tobacco products and the positive effects of stopping smoking.

QUESTION

Civilian employee -- This concerns the soccer fields. There is an east and a west soccer field that we use for children's soccer leagues on Saturday mornings. This past Saturday morning (and it has occurred in the past) the fields were flooded, one field; the east field, was flooded so that there was standing water. We went ahead and played the game anyway, but it was hard and the kids kept falling down. Some of the kids fell hard enough to hit their heads. This situation is dangerous as well as being bad for the kids being all wet and running around. Apparently Pan Am waters the fields on a timer and people have talked to them before about changing the time cycles and they said it was in their contract that way and that there was no way for them to change it. So, I wondered if some other inquiries could find out if we could get this problem solved. It is the east soccer field, not Davidove, that has this problem. Thank you.

ANSWER

The areas of standing water in question are caused by the settling of one portion of the field over a period of time. Watering sufficiently to maintain a healthy turf causes ponding in this area. Different watering cycles have been tried to eliminate the problem, but it still occurs. In an attempt to accommodate weekend users, watering will be discontinued from Friday mornings to Sunday evenings. To eliminate this problem, Public Works Engineering has been asked to investigate and recommend corrective actions necessary to eliminate ponding.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

Fireworks illegal here

Use or ignition of fireworks is prohibited on all parts of Center lands, says the NWC Fire Division.

Fireworks include blank cartridges, toy cannons, firecrackers, torpedoes, skyrockets and Roman candles or similar items capable of producing a visual or audible effect by combustion or detonation.

This prohibition does not include toy pistols and similar devices that use a paper cap, saluting cannons or blank cartridges used by the military. Hand-held sparklers are permitted under adult supervision.

In 1986 the Kern County Fire Department responded to 159 fires between July 2 and 5. On July 4 alone, they responded to 75 fires, many caused by fireworks.

In a California survey of 241 fire departments, they reported 897 fireworks-caused fires resulted in a loss of nearly \$1.5 million. About 64 percent of these fires were caused by illegal fireworks.

Also last year 323 injuries were reported due to fireworks, most caused by carelessness and lack of supervision.

FOURTH OF JULY MESSAGE FROM SECRETARY OF DEFENSE

On a hot summer day in Philadelphia in 1776, the members of the Continental Congress pledged their "lives, fortunes and sacred honor" to the cause of liberty when they signed the Declaration of Independence. Eleven years later, the Congress met again in Philadelphia, this time to draft a Constitution that would guide future generations along liberty's path.

Colonial militiamen knew that the path to liberty was studded with hardship and sacrifice. We celebrate the Fourth of July because it marks the day they agreed to make whatever sacrifice was necessary to create a free America.

America remains free today, thanks to you, the members of the U.S. Armed Forces. Like the militiamen and the millions of Americans who have served this country in uniform throughout its history, you have vowed to guard liberty's path.

You are the guardians of the liberty and freedoms first won for us by those early patriots of 1776 and defined for future generations by the drafters of the Constitution. On this Independence Day, whether you serve at home or abroad, be assured that your efforts are recognized and appreciated.

Caspar W. Weinberger

Cdr. Thompson gets award

Capt. John Burt opened Monday morning's Commander's meeting by presenting the Commander's Award for Mission Support to Cdr. John Thompson.

Cdr. Thompson, who is now Military Associate in the Weapons Planning Group, received the award for his service as head of the Recreational Services Department from June 1986 through May of this year.

The letter of nomination written by Capt. Paul Valovich, Chief Staff Officer, says that "Cdr. Thompson is commended for his vital and active role in establishing additional patron satisfaction objectives for facility managers. As a result of these objectives, a remarkable improvement in the quality and level of customer service in the Recreational Services Department has been achieved. His initiatives to improve food and service at the Clubs has clearly resulted in increased business and profits."

The letter continues, "Cdr. Thompson effectively managed the Recreational Services Department during a particularly difficult period in which Military Support funds were significantly reduced to morale, welfare, and recreational

activities. Through Cdr. Thompson's leadership, no reductions in levels of service in the clubs and recreation occurred."

Cdr. Thompson responded to the award by saying that the department had been able to function

well because the 02 Directorate had permitted flexibility to operate.

"Really responsible for the success of the operation," he added, "are all the good people who really have their hearts into providing service in the department."



PRESENTATION—Cheryl Thompson, wife of Cdr. John Thompson, looks on as her husband is congratulated by Capt. John Burt for receiving the Commander's Award.

NOTS/ NWC Pages from the Past

Having a facility on board the Navy base that belonged to the Atomic Energy Commission rather than the Navy--and reported to the AEC--caused a number of administrative problems during the years that the Salt Wells Pilot Plant produced non-nuclear parts for the atomic bombs of the 1940s and early 50s.

For one thing, most personnel at China Lake did not have the "need to know" to give them the necessary clearances to discover what was being made at SWPP.

For instance, although the NOTS Experimental Officer Commander (later Vice Admiral) J. T. Hayward had the needed clearance, the second base commander, Capt. J. B. Sykes, did not. He was not happy about a high level of work going on at China Lake that he was

not able to supervise or even know about. Adding to his unhappiness was that Cdr. Hayward was in close contact and coordination with the Bureau of Ordnance in Washington.

Relationships between the NOTS Commander and the AEC smoothed out, however, when Rear Admiral Wendell Switzer replaced Capt. Sykes. Both he and his successor, Capt. Walter Vieweg, coordinated the efforts of China Lake and the AEC project to ensure the missions of both were met.

Other China Lake personnel also did not know what was being manufactured "over the hill," or what their friends and neighbors on board were doing. Additional AEC facilities were constructed and new methods of building various parts for bombs finally meant that the fa-

ility on Navy lands could be shut down. Salt Wells was phased out of AEC operations on June 30, 1954. The plant had been responsible for about one quarter of all the industrial work at China Lake during the years it was operational, and total expenditures ran about \$70 million in 1945 dollar values.

The first public announcement about AEC operations at China Lake were made in the 15th anniversary edition of the Rocketeer

Low cost rabies clinic set for dogs July 10

Because Kern County is a declared rabies area, all dogs over the age of four months are required by law to be vaccinated against this disease. Licenses are also required to help identify the dog if it is lost or impounded.

Kern County Public Health Department and the Veterinary Medical Association are sponsoring low cost vaccination clinics throughout the county. Licenses can be purchased at the same time. Local residents can bring their dogs to the Girl Scout hut near the traffic circle on Friday, July 10, between 2 and 5 p.m. for vaccination and licensing. Dogs must be on a leash or held in their owner's arms while at the clinic.

Cost of the vaccination is \$3 per animal. Licenses for dogs that are not spayed or neutered at \$12 for one year or \$30 for three years. With written proof from a veterinarian that the dog is spayed or neutered, the cost drops to \$3 for one year or \$9 for three years.



China Lake Police Reports

An unknown person entered an office in Hangar 1 and removed money from the purses of two women.

+++
Pan Am guards brought miscellaneous property to the police station that had been found in the Michelson Laboratory area. All items can be reclaimed by their owners at the police station.

+++
A resident in the Site B Capehart housing reported being annoyed by a barking dog. Police contacted the person taking care of the dog; this individual will endeavor to keep the dog quiet.

+++
A government vehicle sustained damage by a vandal in the BEQ parking lot.

A Pan Am employee reported to police that four tires were taken from a vehicle in the Public Works Department compound and two hub dust plates were damaged.

+++
When a driver was stopped for a vehicle code violation, police discovered that the driver was unlicensed. The driver was cited and released.

+++
A resident of a house on Midway Road reported to police that a window in the residence had been broken by an unknown object.

+++
A woman reported to police that her husband was in violation of a court order by making harassing telephone calls to her both at home and at work.

Officers investigated a report of vehicle vandalism. A motorist reported his car windshield had been shattered by an unknown object while parked on Richmond Road.

+++
China Lake Police investigated a burglary report in the Transportation Building. An unknown person broke into a candy machine, taking candy and coins.

+++
Two incidents of vandalism were reported in B Capehart housing last week. In one a BB gun pellet broke a window and in the other a spouse drove a car into a locked garage door during a domestic dispute.

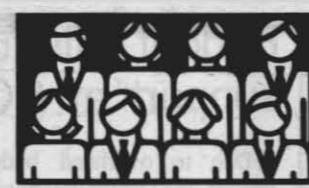
+++
One person suffered major injuries in a single vehicle rollover accident on the Coso Hot Springs Road about four miles east of U.S. 395. A passenger in the vehicle was transported to Ridgecrest Community Hospital, while other occupants were examined and released.

+++
An individual on the bar list was reported as having entered through the back gate, resulting in a trespass report.

FRA meeting

Topic of discussion at Monday evening's meeting of China Lake Branch 95 of the Fleet Reserve Association will be the South West Regional Convention of the FRA to be held in August in San Diego.

The meeting will be at 7:30 p.m. at the Chief Petty Officer's Mess. All Navy, Marine Corps and Coast Guard personnel, active duty or retired, are invited to attend.



Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative recruitment sources may also be used in filling these positions: vacancies are subject to restrictions imposed by the DOD Priority Placement program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Application and supplemental statements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonment reason.

No. 26-035, Supply Clerk, GS-2005-3/4/5, Code 2611 (Two vacancies). These positions are located in the Production Management Branch, Maintenance Control Division, Public Works Department. The incumbent screens all bills of material and processes all requests for surplus materials. Assists in coordinating all procurement actions in Public Works through the Supply Department. Job Relevant Criteria: Ability to communicate both orally and in writing; ability to work independently with attention to detail; ability to use and apply a variety of written manuals and instructions. Promotion potential GS-5. Status eligibles may apply.

No. 33-019, Supervisory Interdisciplinary (Electronics/General/Industrial Engineer/Physicist/Mathematician), DP-855/801/896/1310/1520-3/4, Code 33301. This position is that of Associate Division Head, Fuze Systems Division, Fuze and Sensors Department. The division is responsible for the design, development and technical support of proximity fuzing systems for air and surface launched guided missiles, provides management of all NWC efforts on the Standard Missile Weapons Systems, and conducts design, development, product engineering, and fleet validation testing of proximity fuzing systems and associated test equipment for guided missiles and free-fall weapons using conventional warheads. The incumbent will assist and support the division head in all aspects of division management. In this capacity the incumbent can expect to be involved in Division program issues, decisions, reviews and support. The incumbent will also be involved in Division planning and administrative activities such as: focal point for ADP plans and procurement, facilities and space planning, and division staffing and budget issues. The incumbent will act for the division head in his absence. Job Relevant Criteria: Project manager experience required; development project and fuze related experience desirable. Knowledge of IBM computer systems desirable. Ability to communicate orally as well as in writing; willingness to support NWC EEO policies and procedures. New supervisors required to serve one year probation period. Promotion potential to DP-4, but is not guaranteed.

No. 36-055, Security Specialist DA-080-1, Code 3606. This position is located in the Harpoon Program Office of the Engineering Department. The incumbent provides detailed and comprehensive security administration for classified DOD research and development efforts. Travel will be required. Job Relevant Criteria: Knowledge of security procedures and requirements; ability to communicate orally; ability to obtain a top secret clearance. Promotion potential DA-2.

No. 32-262, Interdisciplinary (Physicist/Computer Scientist), DP-1310/1550-3, Code 3201A. This position is located in the Fiber Optic Guided Skipper (FOG-S) Program Office, Code 3201A, Ordnance Systems Department. The incumbent will be responsible for all computer/software systems for the FOG-S missile system including aircraft, control pod, and missile subsystems. The incumbent will design, develop and implement firmware and

software to allow control of the missile from the aircraft cockpit through a fiber optics data link between a control pod carried on the aircraft and the missile launched from the aircraft. Control will include seeker image processing, missile attitude, missile trajectory and target acquisition functions. The incumbent will perform programming and software engineering tasks needed to incorporate into autopilots the algorithms derived from six degree of freedom flight simulations. Incumbent will be responsible for directing the efforts of supporting personnel to implement the required system computer/software designs to meet system operational requirements. Job Relevant Criteria: Knowledge of tactical aircraft computer/avionics architecture, micro-processor design and development and support systems; skill in using higher order assembly languages. Status eligibles may apply.

No. 35-022, Equipment Specialist (General), DS-1670-2, Code 35025. This position is head, Materials Acquisition Office in the Electronic Warfare Department. The incumbent is responsible for pre-procurement procedures for all Code 35 purchase requests. Duties include vendor selection, review of procurement actions for completeness and accuracy, advising requestors on procurement requirements and procedures, interface with Code 25 buyers and contract specialists, assistance in preparing procurement documentation, and placing orders with vendors. Job Relevant Criteria: Knowledge of NWC procurement procedures and Navy regulations; knowledge of equipment and electronic parts and the ordering process pertaining to equipment; ability to analyze data and establish guidelines for expediting material requests to meet the material resource needs of the department; ability to work well with others. Experience with Apple Macintosh computer desirable. Promotion potential to DS-3. Status eligibles may apply. Previous applicants need not apply.

No. 62-040, Electronics Technician, DT-856-1/2/3, Code 62322. This position is in the Range Engineering Branch, Range Instrumentation Division, Range Department. The incumbent's duties are the repair, update, and maintenance of servo systems used in cameras and optical tracking equipment, and the fabrication, check out and test of electrical and electronic assemblies to be used in range data-gathering instrumentation. Job Relevant Criteria: Ability to work from schematics and to perform layout and assembly of electronic components and to carry out documentation; knowledge of digital and linear circuits; ability to troubleshoot and repair electronic instrumentation systems and use electronic test equipment both in the field and shop environment. Status eligibles may apply. Promotion potential to DT-3. Previous applicants need not reapply.

No. 33-007, Interdisciplinary (Electronics/Aerospace Engineer/Physicist), DP-855/861/1310-2/3, Code 3333. This position is located in the Advanced Technology Projects Branch, which is involved in the design,

development and production support of proximity fuzes and associated support test equipment for fleet missiles, both air and ship launched. Active radar and electro-optical technologies are used in this fuze development role. This branch is hardware oriented, and tasks routinely include work with digital and analog circuitry design and development, laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as a senior team member supporting programs in the branch, which includes conducting advanced fuzing studies and development of proximity fuze devices for SPARROW, RAM, and AMRAAM missile systems. Promotion potential: DP-3. To apply, please submit current SF-171 to Bill Vecchione, Code 3333, NWC ext. 1211.

No. 34-005, Editorial Clerk/Assistant, GS-1087-4/5/6/7, Code 3463. This position is located in the Technical Information Department, Field Service Division, Field Branch No. 3, located at Thompson Laboratory. The primary responsibilities of this position are to perform composition, layout, copy editing, and proofreading services for technical manuscripts and visual aid request. Incumbent is responsible for preparation and accuracy of final camera ready copy of reports and illustrations. Job Relevant Criteria: Knowledge of English language, grammar, spelling and proofreading techniques; ability to prepare and layout manuscripts and illustrations; ability to work accurately under pressure of deadlines; ability to communicate effectively. Skill on Xerox 8010/6085 preferred. Secret clearance required. Promotion potential to GS-7.

No. 33-016, Interdisciplinary (Electrical/Electronics Engineer), DP-850/855-1/2, Code 3336. This position is located in the Phoenix Fuze Systems Branch, which is involved in design, development and production support of proximity fuzes and design support test equipment for fleet missiles. The incumbent will perform duties as part of a team supporting programs in the branch, which includes laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as part of a team supporting programs in the branch, which includes development and advanced fuzing studies of target detection devices for SIDEWINDER, RAM and SIDEARM. Promotion potential: DP-3. To apply, send current SF-171 to Jerry Mumford, Code 33306, NWC ext. 2856.

No. 33-018, Interdisciplinary (Mechanical/Industrial/Chemical/General Engineer/Chemist/Physicist), DP-830/896/893/801/1310-2/3, Code 33505. Position is the Insensitive Munitions Data Base Coordinator and is in the Insensitive Munitions Advanced Development Office for Air-Launched Ordnance Sections. Position requires the direction of Navy-wide data base development efforts addressing munition IM status, energetic materials characteristics, IM engineering technology, and platform effects. These individual data bases are in development at various Navy and contractor facilities around the country. Moderately frequent travel (about one trip per month) is required. Some ordnance development experience is highly desirable. Familiarity with computerized data bases is desired but not required. Promotion potential: DP-3. To apply, submit SF-171 to Pat Yates, Code 33505, NWC ext. 7408/7320.

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 of their own accord. Minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 36-057, Secretary (Typing), GS-318-4/5, Code 3622. This position serves as secretary to the Head, Systems Electronics Branch. Knowledge of an IBM PC using wordstar software is

highly desirable. Position is non-supervisory. Promotion potential: DP-3. To apply, submit current SF-171 to Pat Yates, Code 33505, NWC ext. 7408.

No. 33-014, Electronics Engineer, DP-855-2/3, Code 3384. This position is located in the Weapons Survivability Laboratory (WSL) of the Survivability and Lethality Division, Fuze and Sensors Department. The WSL conducts tests of aircraft and weapons systems for survivability in combat environments. The incumbent will be responsible for the instrumentation of test articles and the acquisition and reduction of test data. Secondary duties involve the design, fabrication, planning, procurement, installation and check-out of new facilities and data acquisition systems. Knowledge of instrumentation fundamentals, transducers, data acquisition and recording equipment, micro-computers, basic and assembly language programming and aircraft systems is desirable. The ability to organize and prioritize tasks and to communicate effectively both orally and in writing is required. To apply, submit current SF-171 to Dennis Sorges, Code 3384, NWC ext. 6401.

No. 36-056, Interdisciplinary Electronic/General/Industrial Engineer/Physicist, DP-855/801/896/1310-1/2/3, (two vacancies), Code 36221. The incumbent will be involved in the analysis, testing and evaluation of the RAM electronic design for the RF or IR sections of the RAM Guidance and Control Section for FSED and production support. Duties include: engineering analysis and design improvements, system and subsystem testing, analysis, documentation, and configuration reviews. Promotion potential DP-3. Please send current SF-171 to Cheryl Preul, Code 36209, NWC ext. 1049.

No. 33-016, Interdisciplinary (Electrical/Electronics Engineer), DP-850/855-1/2, Code 3336. This position is located in the Phoenix Fuze Systems Branch, which is involved in design, development and production support of proximity fuzes and design support test equipment for fleet missiles. The incumbent will perform duties as part of a team supporting programs in the branch, which includes laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as part of a team supporting programs in the branch, which includes development and advanced fuzing studies of target detection devices for SIDEWINDER, RAM and SIDEARM. Promotion potential: DP-3. To apply, send current SF-171 to Jerry Mumford, Code 33306, NWC ext. 2856.

No. 33-018, Interdisciplinary (Mechanical/Industrial/Chemical/General Engineer/Chemist/Physicist), DP-830/896/893/801/1310-2/3, Code 33505. Position is the Insensitive Munitions Data Base Coordinator and is in the Insensitive Munitions Advanced Development Office for Air-Launched Ordnance Sections. Position requires the direction of Navy-wide data base development efforts addressing munition IM status, energetic materials characteristics, IM engineering technology, and platform effects. These individual data bases are in development at various Navy and contractor facilities around the country. Moderately frequent travel (about one trip per month) is required. Some ordnance development experience is highly desirable. Familiarity with computerized data bases is desired but not required. Promotion potential: DP-3. To apply, submit SF-171 to Pat Yates, Code 33505, NWC ext. 7408/7320.

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Secretarial opportunities

This column is used to announce secretarial positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for Branch Secretary will be rated on elements 1/2/3/5/8; Division Secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office Secretary applicants will be rated on elements 1/2/3/4/5/8/9; and Department Secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

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Summer means family picnics, food hazards

Ahh, the summer picnic. Whether it's getting the whole clan together for a fun-filled day or a romantic escape for two, there's something about a picnic that makes everything in the world seem right.

But, unfortunately, some end in disaster because not enough attention was paid to the preparation and handling of the food. Some people will fall victim to food poisoning.

Food poisoning can be very serious, and with the picnic season approaching, the number of incidents is expected to increase.

A table full of picnic foods looks pretty appetizing. But if you could look at it with a giant microscope, you would see pathogenic agents multiplying by the millions. Pathogenic agents are things such as bacteria (and some of their toxic by-products) that, when consumed, sometimes produce vomiting, diarrhea and cramps.

Bacteria that cause the body to react so violently come in many different forms. Salmonella and

Campylo bacteria are almost always found in the meat and dairy products we buy from the supermarket, but normally in numbers that are not harmful. Staph aureus runs rampant on the human body. Clostridium perfringens is a type of bacteria found in common dust.

Luckily, there is a way to protect yourself from each one. And the solution, according to Col. Charles B. Kenison of the Army Medical Service, is as simple as keeping hot foods hot and cold foods cold.

Kenison, who is also an assistant professor of preventive medicine and biometrics at the Uniformed Services University of the Health Sciences, the nation's only military medical school, recommends keeping hot foods at least 140 degrees Fahrenheit and cold food below 45 degrees Fahrenheit at all times.

"When the temperature of hot food falls below 140 degrees and the temperature of cold food rises about 45 degrees, bacteria thrive," he warned.

Consider the case of a cold salad.

If the salad were prepared and served immediately, the bacteria would not have enough time to multiply in numbers great enough to cause any harm. "However," said Kenison, "if

prepare cold food using ingredients chilled to 45 degrees or below and keep the finished product refrigerated until it is time to leave. "At the picnic site," he recommended, "keep the cold foods covered and on ice. It's kind of like keeping the bacteria

food is at the picnic site, find a way to keep it above 140 degrees. The bacteria can't survive at temperatures that high."

If someone at your picnic comes down with food poisoning, don't blame it on the mayonnaise. "Mayonnaise is 'bacteria subtle'," said Kenison, meaning that "when it comes in contact with bacteria, mayonnaise actually stunts its growth." Kenison recommended putting mayonnaise on both sides of any meat sandwiches made for a picnic.

How will you know you are a victim of food poisoning? "The symptoms can include nausea and headaches, diarrhea, vomiting, cramps, hives and sometimes a fever," said Kenison. "In worst case situations, the diarrhea can be very violent. Most of us can deal with the poisoning with very little upset.

But if you are very uncomfortable, consult a physician to determine if you have a big or small problem."

that salad were allowed to sit un-cooled for three or more hours, the bacteria would have had time to increase one thousand fold, contaminating the salad enough to make some people sick."

Kenison suggested that picnickers

shivering so they don't have time to reproduce."

Keeping the bacteria from multiplying in hot food may involve a little more effort. "Invest in a thermometer," said Kenison. "Once the



Recreation team set summer fun themes Mugs sold

NWC Recreational Services Youth Activities has three new themes to pick from for summer birthday pool parties. Choose such themes as Beach Party, Dinosaurs or Tumbling Teddys. Or, choose one of the stand-by themes such as Clown Circus, Sports, Teddy Bear, Wild Animal and Pirates.

Each party includes cake, ice cream, party favors, pool games and a balloon-o-gram delivered to the

birthday child by the great Kahauna or Gidget. Location for each party can be at the Enlisted pool, Chief Petty Officers' pool or the Commissioned Officers' pool.

Price for these parties is \$5 per person. Registration is taken at the Information, Ticket and Tour (ITT) Office Monday through Friday from 9 a.m. to 5 p.m.

For more information contact the ITT Office at NWC ext. 2010.

Individual department logos reproduced onto a high quality ceramic mug are now available at the Craft/Hobby Center.

The attractive reproduction is done in one color. Special discounts will be given for departments ordering 12 or more mugs.

These great mugs make terrific gifts and are great for those unexpected visits by V.I.P.'s.

For more information call the Craft/Hobby Center at NWC ext. 3252.

BUD EYRE USED CAR LOT PRESENTS The Rocketeer Special of the Week



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Sailors can earn Navy commissions

The Navy offers many paths to a commission. There are commissioning programs for students in college and other programs for college graduates. Specialists in certain professional and scientific categories may qualify for a direct commission and certain enlisted personnel, who are outstanding performers, may also qualify for a

commissioning program.

This is the first part of a three-part series briefly describing the Navy's basic commissioning programs and some of the specific qualifications needed for entry. These qualifications may change from time to time because of the needs of the Navy or new legislation.

Enlisted Commissioning

The Enlisted Commissioning Program (ECP) provides enlisted personnel, who

have previous college credit, a full-time opportunity to complete requirements for a baccalaureate degree and earn a commission.

- General eligibility requirements are:
- U.S. citizenship.
 - Serve on active duty.
 - Have between four and 11 years time in service.
 - Be at least 22 years of age but not have passed the 31st birthday.
 - Be physically qualified for appointment in the unrestricted line.

Meet high standards of personal conduct, character, patriotism, sense of duty, and financial responsibility.

- Have a cumulative grade point average of at least 2.5 on a 4.0 scale from all college-level courses completed.
- Be recommended by the commanding officer.

ECP officer candidates receive full pay and allowances, but must pay their own tuition and other school-related expenses. Six years of active enlisted service will be incurred from the date of enrollment



Sole surviving children may miss dangerous duty

A sole surviving son or daughter cannot be assigned to duty in any "hostile-fire or imminent danger" area overseas that would put that person's life in jeopardy, if the service member or the parent submits a written request for non-combat duty.

Service members can waive parental requests for protective status assignments. But that status will be automatically waived if they enlist, re-enlist or voluntarily extend their active duty with the armed forces after being told of the family casualty on which the exemption was based.

However, service members can

request reinstatement of the protective status at any time.

If the parents are deceased, sole surviving status can be granted if the service member is the only remaining sibling, natural or adopted.

Family members can also be exempt when another family member becomes a prisoner of war, missing in action or 100 percent physically or mentally disabled.

Requests for combat exemption may be submitted at any time. But requests for deferment should be submitted within 15 days after receiving orders, assignment instructions, unit alert or scheduled movement.

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F/A-18 WSSA work brings officer honors. . .



HAPPY EVENT--Cdr. Jack Paschall, the Laboratory Director's Technical joined by his wife Tricia, is presented Officer's Award by Bill Porter.

(Continued from Page 1)

The letter continues, "As the primary interface between the fleet and the WSSA engineers, you expertly translated requests and comments into engineering reports and mechanizations. You also made significant contributions to fleet readiness by designing the Air-to-Air FLIR and In-Flight alignment mechanizations for the 85X OFP."

The surprised recipient responded that he don't know what to say, but that he felt the award was not meant for one person.

"Over 160 people are involved in this operation," Cdr. Paschall said, "and they are all essential, from the person who runs the papers back and forth to the test pilots. On their behalf and mine, I'd like to thank you very much."

Missing service files may be in St. Louis

Missing service records for former military personnel can be obtained from only one place. They aren't available from individual services, not even from the Department of Defense; they can be obtained only from the National Archives and Records Administration in St. Louis.

The complete service records are available only to the service members or next of kin. Limited information, such as dates of service, awards and training is available to anyone. Information such as medical records, Social Security number, present or past address are not available to the general public.

The St. Louis center receives 30,000 requests for service records each week. Because of this load, individual requests are processed with

greater speed and accuracy if submitted on the Standard Form 180.

Send the request to:
National Personnel Records Center (Military)
9700 Page Boulevard
St. Louis, MO 63172

Requests should include full name of the former service member, Social Security or service number, date and place of birth, branch of military service and date of separation. If it is for a relative, provide the relationship between the requestor and service member.

There is no charge for this service when requested by former service members or their next of kin. These files are historical records only and are not updated to reflect current data.

Play it safe with car

Never leave your car with the engine running, even for a moment, warns the National Highway Traffic Safety Administration.

Before leaving the vehicle, make sure the automatic transmission gear selector is securely in the "park" position.

CPR knowledge is essential

WASHINGTON (NES) . . . If you really want to help your co-workers, friends and loved ones, learn cardiopulmonary resuscitation (CPR). You never know when you'll need it.

You may be at work or at a shopping center when someone collapses from cardiac arrest and stops breathing. Last year, more than 986,000 people died from heart attacks and other heart diseases. But what goes unreported are the thousands of lives saved by caring citizens who know CPR.

CPR training doesn't take much time to learn nor is the material complex. Local chapters of the American Red Cross and the American Heart Association sponsor four-to-eight-hour classes on what causes a person to have cardiac arrest or to stop breathing and how to manage these crises. The CPR technique they teach maintains the flow of oxygenated blood to the brain through external cardiac compression and mouth-to-mouth resuscitation.

Students may also learn emergency procedures for choking victims, how a healthy lifestyle can reduce the risk of heart problems, and the early warning signs of heart attacks. Classes are taught by lecture, question-and-answer periods, demonstrations, and practice with a CPR manikin. The manikin's mouth is cleaned with a disinfectant prior to

each person's use.

Navy health-care professionals, Navy doctors, corpsmen and nurses have to be CPR certified for their jobs. Also, at every Physical Readiness Test, two CPR-certified people must be present. Outside of health care, Navy people become certified based on personal or command interest.

Senior Chief Master-at-Arms Rosemary Jeck took a CPR course at a military hospital for personal interest, and she's glad she did. She used her training on a commercial airline flight. A man in the front of the plane screamed and panicked when his wife choked and passed out. Jeck ran to the scene and observed that the woman was turning blue.

Telling the man she knew CPR, Jeck managed to get the woman to the floor. She cleared obstructions in the woman's airway and administered CPR, reviving the woman. The pilot made an emergency landing; the woman was transported by ambulance to a nearby hospital.

Two weeks later, Jeck got a phone call from the woman's son, a captain in the Supply Corps. He called to thank her for helping his mother.

Dependents and retirees at NAS Corpus Christi, Texas, wanted to get CPR certified. The Family Service Center called in the local American

Red Cross to hold classes, and seven classes trained 130 people.

Members of Corpus Christi's Aircraft Intermediate Maintenance Department also got CPR certified through the FSC's alliance with the American Red Cross. The entire unit became qualified in one day.

"Once you get trained, you're more aware of people and of personal habits about yourself and your family," said Vicki Poindexter, a civilian program analyst for the Navy and a volunteer for the Alexandria, Va., and Washington, D.C., chapters of the American Red Cross. She relies on her training every time she goes on duty in the evenings and on weekends.

For information on CPR classes, check the local military hospital or ask a local chapter of the ARC or AHA to sponsor classes at your command. The only requirement is that you be at least 13 or have completed the seventh grade.

Learn CPR and be prepared. You could save a life.

Enlisted Club July Lunch Specials

| | | |
|-----|----|--|
| WED | 1 | Chicken Fired Steak /Lasagna |
| THU | 2 | Spanish Fiesta |
| FRI | 3 | CLOSED FOR HOLIDAY |
| MON | 6 | Swedish Meatballs |
| TUE | 7 | Liver & Onions |
| WED | 8 | Chicken Fried Steak/Spaghtti w/Salad |
| THU | 9 | OUTSIDE PATIO BBQ |
| FRI | 10 | Fish Day |
| MON | 13 | Hot Beef Sandwich |
| TUE | 14 | Broasted Chicken /Polish Sausage w/Sauerkraut |
| WED | 15 | Chicken Fried Steak/Shrimp Fried Rice |
| THU | 16 | Spanish Fiesta |
| FRI | 17 | Fish Day |
| MON | 20 | Meatloaf |
| TUE | 21 | Liver & Onions/Roast Beef |
| WED | 22 | Chicken Fried Steak/Pepper Steak |
| THU | 23 | OUTSIDE PATIO BBQ |
| FRI | 24 | Fish Day |
| MON | 27 | Ham & Cheese Cassarole/Deli Line |
| TUE | 28 | Baked Chicken w/Mushroom Sauce/Beef Strogonoff |
| WED | 29 | Chicken Fried Steak/Sweet 'n Sour Chicken |
| THU | 30 | Spanish Fiesta |
| FRI | 31 | Fish Day |

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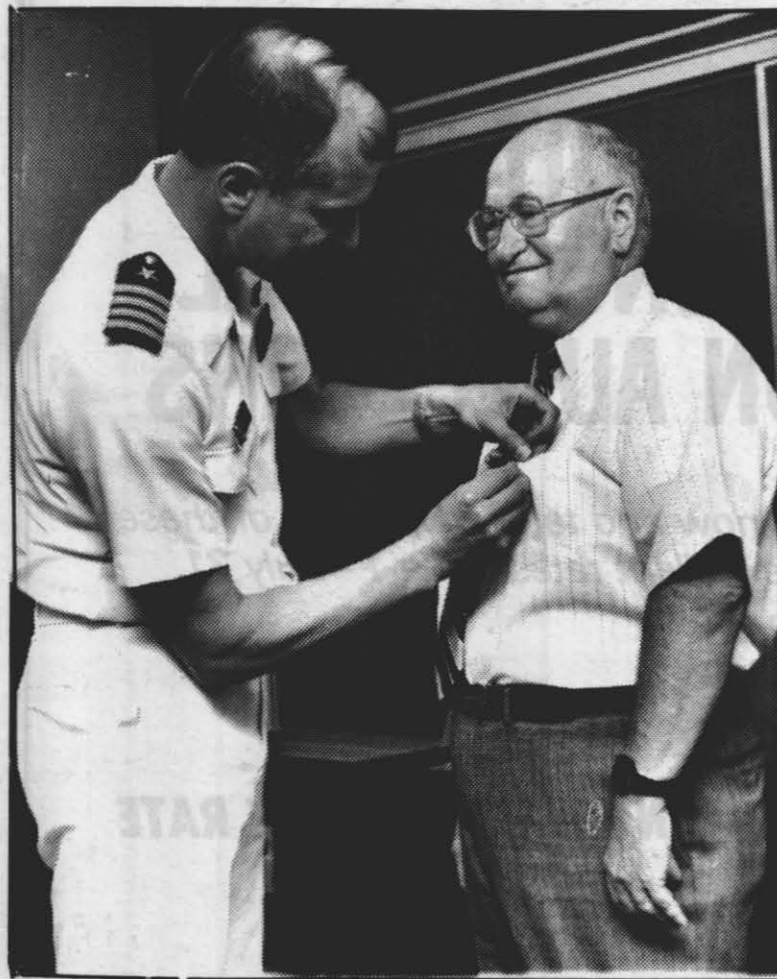
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Simmons presented 40-year service pin

Receiving a 40-year federal service pin recently was Ed Simmons, a project engineer in the Air Projects Office (Code 62C1).

Simmons' lengthy government service began in 1943, when he joined the United States Army. His three years in the Army were spent both in the United States and in Europe.

Following this, he went to college, graduating in 1949 from San Diego State College with a bachelor's degree in physics. Before coming to work at what was then the Naval Ordnance Test Station, he also attended the University of California at Los Angeles.

During his initial time at China Lake in the Aviation Ordnance De-

partment, Simmons was a project engineer working with aircraft installation and evaluation of guided missile fire control systems.

The following year (in 1951) Simmons transferred to the Test Department, where he eventually became head of the rocket section in the Ordnance Branch of the Project Engineering Division. He was engineer-in-charge of testing for the ASROC programs.

In 1964, Simmons joined the Test Scheduling Office, and for the past 10 years, he has been in his present job.

Simmons and his wife, Colleen, are parents of four children, James, Brian, Monica Simmons and Sheila Temple.

Safety Office says...

In a recent Rocketeer we brought you part of the results of study performed by the U. S. Department of Transportation on 899 motorcycle accidents. Now for the rest of the story:

More than half of the accident-involved motorcycle riders had less than 5 months experience with the accident motorcycle, although the total street-riding experience was almost three years.

Age of the accident-involved motorcycle rider includes a wide population with the age from 17 through 26 years representing more than half of all accidents.

Forty-one percent of the motorcycle accidents were caused by an error of the motorcycle rider. A typical error made by the rider is running wide on a turn due to excessive speed or undercornering.

Approximately fifty percent of the motorcycle riders in traffic were using safety helmets. Forty percent of the accident-involved riders were wearing helmets at the time of the accident. Twenty-three percent of the fatally injured riders were wearing helmets and only one helmeted rider died of head injuries (crushing).

Intersections were the most likely place for the motorcycle accident and the most common accident configuration was the driver of the other vehicle turning left in front of the oncoming motorcycle.

Safety helmet use caused no reduction of critical traffic sounds and no limitation of pre-crash visual field. No element of accident causation was related to the safety helmet.

Motorcycle riders in these accidents showed significant collision avoidance problems. Most riders would overbrake and skid the rear wheel, and underbrake the front wheel greatly, reducing collision avoidance deceleration. The typical accident allows the motorcyclist less than two seconds to complete all collision avoidance action.

So remember, whether you drive a car or a motorcycle, "Let's be careful out there!"

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Operation Bosslift benefits reservists

"Two weeks?" You want two weeks off from work?!!"

With this year's annual training just ahead for many National Guardsmen and reservists, now's the time they're likely to approach their civilian employers to request time off for military training.

By law, civilian bosses must give employees the opportunity to attend weekend drills and other military training.

Many bosses go beyond their legal responsibilities and encourage employee membership in the Reserve components. They readjust priorities and work schedules and sometimes even offer paid military leave while their employees are on duty.

But not all bosses are this supportive. Thirty-one percent of the Guard and Reserve members who leave military service say it's because of conflicts with their civilian jobs.

The No. 1 reason for those conflicts, according to the National

Committee for Employer Support of the Guard and Reserve, is that employers don't understand the importance of the Reserve components to national defense.

Increasing that understanding is the goal of Bosslift, a Guard and Reserve program for business, industry, civic, government and educational leaders.

Bosslift operations might involve inviting civilian bosses to weekend drills or annual training periods to see what their employees actually do with the Guard and Reserve when they're away from their civilian jobs.

Sometimes they're broader in scope and involve transporting employers and other community leaders to major installations or training sites for a "big-picture" look at the role of the Reserve components.

Bosslift operations let employers and community leaders learn firsthand about the expanded role of today's Reserve components in the total force. Often, employers are

transported to the training sites by guardsmen and reservists operating military aircraft and vehicles. They're usually fed by Guard and Reserve cooks or treated to MREs -- meals, ready to eat -- along with troops in the field.

Other than that, the programs vary widely, depending on the unit and its mission.

For the New York National Guard, one Bosslift operation involved flying employers from Rochester,

N.Y., to Fort Indiantown Gap, Pa., to see their employees in the 209th Field Artillery Brigade set up and fire 8-inch, self-propelled artillery equipment.

But Bosslifts are more than just "gee-whiz" demonstrations of Guard and Reserve activities. They also show employers and community leaders how one unit's mission contributes to the broader Reserve component's mission.

Over the years, Bosslift operations

have managed to spark employer interest, to provide a unique educational experience and to create goodwill for the Guard and Reserve.

"I was pretty impressed," said one businessman from Ogden, Utah, after attending a Bosslift operation at that state's Dugway Proving Ground. "These guys are out here really working. They're not just out here on a two-week camping trip. They're working hard, learning something."

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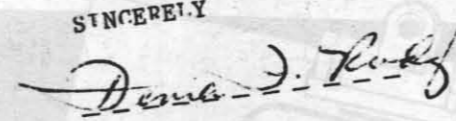
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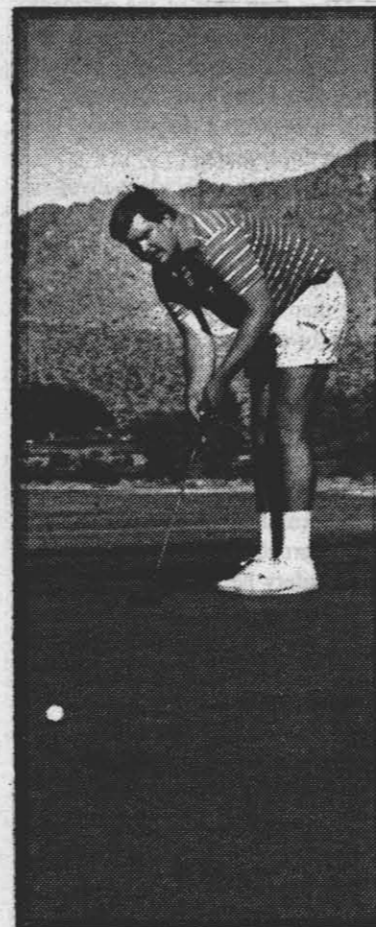
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Classes set for golfers

Young golfers can take advantage of a junior golf lesson program being offered by the Naval Weapons Center's Recreational Services Department next month.



This program is designed for youngsters 8 to 11 years of age. Some teaching professionals think this is the best age to teach good golfing habits to the future stars of the PGA Tour.

Eight and nine year olds will be given lessons from 7:30 to 8:30 a.m. Mondays, Wednesdays and Fridays starting Monday, July 6. The 10 and 11 year olds will have classes the same days from 9 to 10 a.m.

For additional information on how to avoid becoming a golf hacker, call the Information Ticket and Tour Office and NWC ext. 2010.

Share lead

Two teams with spotless records share the lead in the Naval Weapons Center's Summer Intramural Basketball League. McAdoo and Pioneer possess identical 2-0 records after two weeks of the summer season. Still close to the loop leaders is the Fairchild team with a 3-1 league record. Seeking that elusive first victory, the Dallas team brings up the bottom of the seven-squad loop.

The Summer Basketball League plays Tuesday through Thursday nights in the NWC Gym, with games starting at 6p.m.



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Anglers find lakes, streams a good place

Fourth of July visitors to the eastern Sierra region will find fishing opportunities remain about the same as a week ago from Lake Isabella in Kern County to Twin Lakes in northern Mono County.

Some of the most productive areas for fishing are backcountry lakes requiring a hike of an hour or more to reach. In those areas flies and natural baits were reportedly bringing the best results for energetic anglers.

In addition to fishing, parades in Independence, Mammoth, Lee Vining and Bridgeport will entertain visitors of all ages on the fourth.

Many anglers are hauling in limits of planted, pan-size rainbow trout throughout the region.

In the Lone Pine area, Whitney Portal Pond and Lone Pine Creek have been stocked and fishing is

fair to good. Fishing at Diaz Lake is only fair.

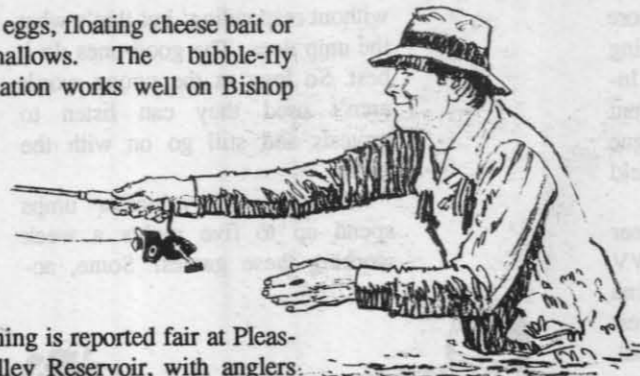
Nice brown trout are being taken on lures and the bubble-fly combination in the streams feeding the Owens River between Big Pine and Independence. Fishing is best right where the creeks empty into the river.

The warm water fishery of the lower Owens River is a good spot to go after bass and catfish. Anglers report a very good success rate.

At Lake Sabrina, North and South Lakes anglers are doing well. South Lake is best fished early in the day or in the evening for shore-based anglers. Those fishing from boats should head for the backside of the lake, where trolling is their best bet for some big trout.

Intake Two on Bishop Creek is reported good for planted rainbow, many of them being caught on red

salmon eggs, floating cheese bait or marshmallows. The bubble-fly combination works well on Bishop Creek.



Fishing is reported fair at Pleasant Valley Reservoir, with anglers scoring on red eggs, small lures and nightcrawlers. The Owens River, below Pleasant Valley has been a good area for pan-size rainbows and some browns. Crickets and flies are among the best bets in this area.

Lower Rock Creek has been reported as one of the hot spots for roadside anglers. It is stocked on a regular basis and does not get the fishing pressure other Sierra streams receive. There are some nice pools for fly fishing in addition to the regular bait fishing popular in the area.

Rock Creek Lake and the waters of Little Lakes Valley in the nearby John Muir Wilderness are yielding pan-size trout on salmon eggs. In

Little Lakes Valley, small, but tasty, brook trout are also being taken.

Fishing for trout is slow on Crowley Lake. Anglers need boats and trolling gear for best results. The Sacramento perch are biting, with yellow crappie jigs one of the best ways to landing this good eating fish.

For the first time this year, restrictions on catches in the upper Owens River have been removed. Anglers can now fish with baits and barbed hooks.

Lakes Mary, Mamie and George in the Mammoth Lakes basin are well stocked with catchable-size

rainbows. Salmon eggs, cheese bait, worms and marshmallows will be among the best means to getting the fish. Twin Lakes at Mammoth will do better when fished with flies or the bubble-fly combination.

The June Lake Loop remains a popular spot for anglers. June, Gull and Silver Lakes are all reported well stocked with pan-size rainbows for the weekend. Baits, small lures trollers with Needlefish and Kastmasters are expected to produce good results.

Reversed and Rush Creeks are good fly fishing areas, in particular, the creek between Gull and Silver Lakes and below the Grant Lake dam.

Lee Vining Creek, Tioga Lake, Ellery Lake and Saddlebag Lake, near Yosemite National Park, have been stocked this week with a large population of rainbow trout.

Other spots expected to see a lot of angler pressure over the holiday weekend include Virginia and Twin Lakes out of Bridgeport, the West Walker River, Bridgeport Reservoir and Topaz Lake on the California-Nevada border.

Net lesson

Tennis lessons for area youngsters will be offered by the Naval Weapons Center's Recreational Services Department starting Monday, July 6. A second session of lessons will begin July 27.

These lessons are designed to concentrate on body and eye coordination. Class sessions will be held at the Center's King Street Courts Monday and Wednesdays from 4 to 5:30 p.m. for youths from 11 to 17 years of age.

Lessons will cost \$23 for dependents of active-duty military personnel, \$24 for dependents of DOD employees and \$25 for all others.

For additional information on these classes please call the Information Ticket and Tour Office at NWC ext. 2010.

DSA is 9-0

Rolling along with a spotless 9-0 mark, the Desert Sun Air softball team is awaiting a chance to meet the also unbeaten Outlaws who sport an 8-0 record in the Intramural Summer Softball League.

The top eight teams will qualify for league playoffs starting July 15. The Softball team is 6-1 and Bad-To-The-Bone is now 6-2 and holding down fourth place in loop standings.

The Chiefs picked up their first win of the season last week and are now sporting a 1-8 overall mark.



TWENTY-FOUR YEARS--Yeoman Senior Chief Joseph Parrie is congratulated by Capt. K.E. Allen, head, NWC Aircraft Department, as he retires following 24-years service to the U.S. Navy. A native of Louisiana, Senior Chief Parrie had been a China Laker, assigned to the Navy Counseling and Assistance Center, since 1983. Married to the former Susan Beuer of Lone Pine, the senior chief had family, friends and co-workers looking on as he concluded his active duty military career last month.

Backcountry water danger

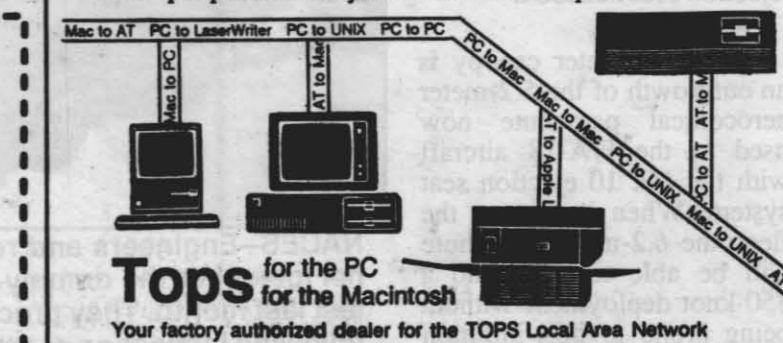
No matter how clear and pure water in back-country streams and lakes may look to back-packers and campers, it's still advisable to boil any such water before drinking it.

Each year cases of water-borne illnesses, including Giardiasis, are reported throughout the United States, according to the National Park Service. These illnesses are most commonly traced to the use of untreated water from mountain lakes and streams that have been contaminated by animal or human fecal matter.

Drinking water (as well as water used for brushing teeth) should be boiled for at least a minute, according to National Park Service sanitarians.

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AD3 signs reup form

Aviation Machinist Mate Third Class Jose T. Zayas took the oath of enlistment for his second hitch in the U.S. Navy last month when he reenlisted for three years.

A native of New York, he is married to the former Dianna Louise Pruitt, daughter of Mr. & Mrs. Robert Pruitt, Ridgecrest.

An A-7E Corsair II plane captain at the Naval Weapons Center, Petty Officer Pruitt entered the Navy in September, 1983 and reported for duty at NWC on Feb. 12, 1984. He is a 1983 graduate of Brentwood High School in North Bayshore, New York.

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New ejection seat test a success...

(Continued from Page 1)

and will have an expected life of five years between repacking. Current parachutes must be unpacked, inspected and repacked about every 420 days. Richards noted the Engineering Department's Environmental Engineering Branch is conducting a year-long study of the 6.2-meter parachute to see if it can indeed go five years without being repacked. Under this system, the main parachute and attached drogue chute are packed in a deployment bag, which will then be placed in a durable plastic bag and heat sealed to close all openings. The "environmentally" sealed bag will then be evacuated of air by a special vacuum pump before it is folded and packed, under high pressure, into the ejection seat headbox.

The 6.2-meter canopy is an outgrowth of the 5.2-meter aeroconical parachute now used in the F/A-18 aircraft with the Mk 10 ejection seat system. When it goes to the fleet, the 6.2-meter parachute will be able to withstand a 350-knot deployment without being prone to post-inflation collapse or explosive overinflation associated with opening shock loads.

NACES is the first ejection seat used by the Navy with an electronic deployment sequencer. It is a microprocessor-controlled electronic sequencer, powered by twin thermal batteries, and activated by primary dual hot-gas firing circuits. Pitots and static sensors are used during an ejection to relay data to the microprocessor, which instructs the sequencer on the appropriate ejection mode out of five choices depending on altitude and speed. The sequencer will select the mode that brings parachute deployment in the shortest time within the given physical limits of the aircrewmember.

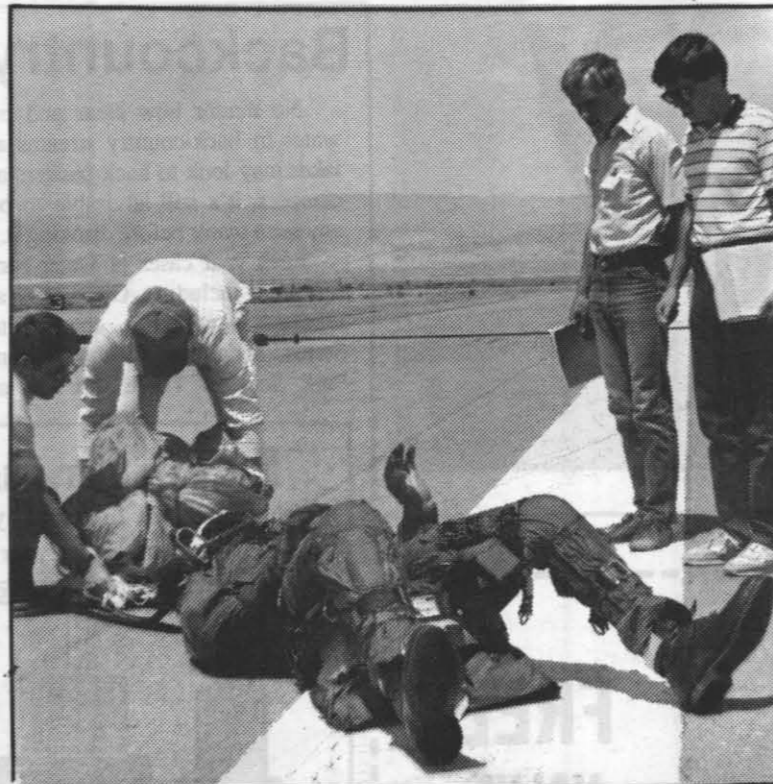
The same microprocessor-controlled sequencer fires the parachute deployment rocket. The four-nozzle rocket unlocks the lid of the parachute container and pulls

out the deployment bag, bringing full extension of suspension lines in less than a second.

Additional tests at the

Center's Supersonic Naval Ordnance Research Track (SNORT) facility will be conducted with each aircraft's cockpit before NACES and the 6.2-meter

aeroconical parachute go to the fleet. Richards noted this system is currently scheduled to be put in the first production model of the T-45 Goshawk trainer in October, 1989.



NACES--Engineers and recovery systems personnel look over the dummy used in the ejection seat test last month. They proclaimed the test a success following inspection of the aircraft cockpit, seat and dummy. Below, the dummy and the Navy Aircrew Common Ejection Seat (NACES) descend on separate parachutes following ejection from NWC's YF-4J Phantom in the runway level test.



NEW CHUTE--
Hanging from the new 6.2-meter aeroconical parachute designed to go with the NACES, the dummy used in the ejection seat test heads for a safe landing and quick recovery by engineers from the Navy and Martin-Baker Aircraft Company Ltd.

Photos by
PH3 Bob Reynolds

Poor umpire gets no respect

Few people have to take more abuse than officials of any sporting event. Baseball umpires in the Indian Wells Valley are no different than those working major league baseball. As Rodney Dangerfield would say, "they get no respect!"

Currently there are 21 volunteer ump's working through the IWV Umpire Association to cover China Lake Little League, Ridgecrest Bobby Sox, IWV Youth Baseball,

without responding; but that's what the ump does. The good ones do it best. So long as the wrong words aren't used they can listen to protests and still go on with the game.

Why do 21 volunteer ump's spend up to five nights a week working these games? Some, ac-



Bronco, Colt and Pony League games. They all donate their time and effort as a means of helping kids in the valley.

Only someone who has been in a situation where they need to make split-second judgments, such as those an umpire may face on every pitch, can fully appreciate what these men are giving to youngsters in the area. It isn't easy to take the abuse of parents, fans and others

According to Rick Booth, association president, are parents of kids playing in a league, some just like the game and some enjoy the challenge and like being out of doors. All of them see their work as a way of helping the youth of the valley.

There's always a need for more umpires anywhere there are baseball leagues. Anyone interested in donating some time and willing to "get no respect" can call Booth at 375-3309, after 4 p.m. for more information on the Indian Wells Valley Umpire Association.

Sports Branch

Hours of operation for 4th of July holiday

Center Gymnasium - Friday, July 3, 11:00 a.m. to 6:00 p.m.
Saturday, July 4, 8:00 a.m. to 6:30 p.m.
Sunday, July 5, 12:00 to 5:00 p.m.

Hall Lanes - Friday, July 3, 11:00 a.m. to 11:00 p.m.
Saturday, July 4, & Sunday, July 5, 11:00 a.m. to 11:00 p.m.

EQUIPMENT ISSUE FOR CAMPING TRAILERS, BOATS, AND HORSE TRAILERS WILL BE CLOSED FROM THURSDAY, JULY 2 4:30 P.M. TO MONDAY JULY 6 AT 7:00 A.M.

Fines for no license

So far this year an unusual number of people have been cited for fishing without valid fishing licenses, for over-limits, and for fishing with illegal bait at Lake Isabella



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