May 13, 1988



HERITAGE WEEK-International cuisine will be featured one day and there will be an All-American Melting Pot theme the second day when China Lake and community organizations set up food booths during the Naval Weapons Center's celebration of American Heritage Week. The week of June 6-10 will feature good food, entertainment, training sessions and presentation of NWC Equal Employment Opportunity Awards. This photo of the 1987 celebration indicates there will be no shortage of good food on Tuesday, June 7, and Wednesday, June 8. The overall American Heritage Week theme for 1988 is "Let's All Be Different Together."





On Saturday, May 21, the Black Original Social Society (BOSS) will hold its Seventh Annual Scholarship Award and Installation Ball at the Carriage* Inn. This black tie affair is open to the public. A social hour will begin the evening at 7:30 p.m. with dinner at 8 p.m. Tickets are \$25 per person and can be purchased from Catherine Regers, NWC ext. 2348

Coordinating with the Wellness Program during Physical Fitness Month, the Engineering Department Recreation Committee plans a "Healthy Bake Sale." Low salt, low sugar and high fiber foods will be sold May 13 starting at 8 a.m. in the Engineering Building lobby and Wing 8 of Michelson Lab.

After a sell-out season at the McGinnis Opera House in Randsburg. LL & Company will wind up their spring season with two performances of "The Miner Incident" at the Naval Weapons Center's Commissioned Officers Mess on June 3 & 4. It will be an outdoor barbecue dinner theatre on the lanai, with lots of popcorn to throw at the villians. Will Sweet Daisy finally have her own way? Will the villians get their desserts? Attend and find out. Tickets are \$13 for COM members and \$15 per person for non-members.

On Saturday, May 14, the Ridgecrest Gaming Club will hold its monthly meeting, starting at 4 p.m., in the Old County Building on Ridgecrest Blvd. All those interested in boardgames, role playing games and miniatures are invited to attend. This month's feature will be fantasy wargames.

Members of the CTA Community Relations Committee is holding their first White Elephant Sale tomorrow (Saturday) from 8 a.m. to 2 p.m. The sale is being held at the CTA Complex, 900 N. Heritage. All profits go to the High Desert Child Abuse Prevention Council.

Cal Fallgatter, long-time resident of the Indian Wells Valley, will speak at the IWV Historical Society meeting on Tuesday. The session, set for the Maturango Museum, is free of charge and open to the public. Fallgatter, who first came to China Lake in 1944, will discuss "Historical Trends in the Ridgecrest and China Lake Communities."

Former Ridgecrest resident Deborah Liv Johnson will team up with local musical talents Reno Venturi and Jim Kibbe for a live concert on Saturday, May 21, in the Exhibit Hall at the Desert Empire Fair Grounds. During the two-hour concert the trio will perform folk, country and rhythm and blues songs. Tickets, at \$5 apiece, are available at the Music Man and at the door on Saturday night. Doors open at 7 p.m.

Although no formal celebration was held at the Naval Weapons Center, employees and management joined last week in saluting Mexican Americans on Cinco de Mayo (Fifth of May), one of the great days in Mexican history, celebrated throughout the world. This day marked the anniversary of the battle of Guadaloupe, which took place near Pueblo during the campaign by France to make Maximillian Emperor of Mexico. A force of about 2,000 Mexicans repulsed a French army of about 6,000. Mexican Americans will join other groups at NWC next month in observering American Heritage Week with its theme of "Let's All Be Different Together."







By Diane Campbell Associate Editor

NWC aids National Aerospace plane effort

New technology for flight

Imagine a day in the not too distant 21st Armitage Field, accelerate up to speeds of 25 times the speed of sound and fly into low earth orbit. After circling the Earth, deploying satellites at costs of only one hundredth that of current Space Shuttle operations, the pilot returns to NWC, refuels and repeats the mission with a different payload and different

Imagine in the same time frame a carrier-launched fighter/attack aircraft which climbs to altitudes in excess of 100,000 feet and cruises to his mission at speeds in excess of 5,000 miles per hour or more than two times (the SR-71).

for dinner on the day of his departure.

Aero-Space Plane (NASP) program is an on- within the Earth's atmosphere. going joint Department of Defense-National

the speed of the fastest plane in today's world test in the mid 1990s an airplane which can says Clark, "I was asked by the Naval Air Systake-off from and land on a conventional hori- tems Command to provide technical assiscentury when a Navy pilot can take off from ing JFK airport on a 6 a.m. flight to Tokyo. single stage into low earth orbit. The flight at Wright-Patterson AFB, Ohio. After being

> Aeronautics and Space Administration coordinated by Dr. Bill Clark of the Research best scientific talents in the USA." (DOD-NASA) effort to develop and flight Department (Code 3895). "In April 1986," (Continued on Page 4)

Imagine a New York business man depart- zontal runway and has the capability of flying tance to the new NASP Joint Program Office After a two-hour flight, he arrives in Japan, test vehicle, the X-30, will continue the his- briefed, it became clear to me that although conducts a dinner (for the Japanese) or break- toric "X" series of experimental flight vehi- the NASP is a manned airplane, the vehicle is fast (for the New Yorker) business meeting, cles - the most famous being the X-1 and as much like a missile as an air-plane. Hence, I concludes his work, departs Tokyo and X-15 rocket planes. Taking off from Edwards knew China Lake's expertise in supersonic returns to New York in time to meet his wife AFB, the X-30 flights will allow the United missile development and, especially, in States to confidently enter the 21st century ground and flight testing of airbreathing, or The Naval Weapons Center is playing an with the capability of building a completely ramjet, propelled missiles could be very useincreasingly important role in a national effort new class of aerospace vheicles for ready ful to the NASP program. This is perhaps the to make these fantasies a reality. The National access to space or for extremely fast flight most technically difficult aerospace program that this country has ever undertaken and suc-The local efforts in support of NASP are cess will require the dedicated efforts of the

LAFEB recognizes 11 Center employees

Fifteenth Annual Distinguished Public Service Awards

honored by the Los Angeles Federal Executive Board (LAFEB) at their 15th Annual Distinguished Public Service Awards Program. The NWC service and military personnel, repre-

total of 80,000 employees in the grea-Austin. Last Friday, 11 employees of the ter Los Angeles area, being singled Ten other China Lakers were hon- F. Peters and Mary E. Plauson, out- ceremonies. Making the presenta-Naval Weapons Center (NWC) were out for their dedication and excel- ored by being nominated and all standing professional employee; tions were Richard H. Rison, LAFEB lence on the job.

Leading the Center contingent was from the LAFEB. Dr. Carl F. Austin, who received a The other NWC nominees and the

senting 31 different agencies with a Officer, accepted the award for cooperation; Jerry L. Macy, outstand- Staff, Headquarters, U.S. Air Force

runner-up plaque in competition of categories in which they were nomi- L. Hall and Marlene K. Macomber, sor for the Center's Central Staff, was employees were among the 134 civil the Chairman's Special Award. Capt. nated included Joel A. Crush, out- outstanding clerical employee. Ken Kelley, NWC Public Works standing contribution to effective

ing supervisor; John P. Gibson, Susan Space Division, served as master of received certificates of appreciation Donald L. Jones, outstanding para- chairman, and Anne Jeffreys, an professional employee; Mary Ann actress. Brown, Merrie L. Colwell, Georgia Cash, a financial managment advi-

recognized for his continuing contri-Col. James E. Jacoby, Chief of (Continued on Page 3)

> **New limits** on roads start soon

> Last February a traffic study of speed limits was performed on board the Naval Weapons Center (NWC) in order to comply with Section 40802B of the California Vehicle Code. This law requires speed surveys be performed once every five years at locations where speed limits are to be enforced.

As a result of this study, several speed limits on Center are scheduled to be increased. The speed limits will go into effect as the signs are installed. Public Works Department employees will installing the signs

Speed limit changes are:

•Blandy Avenue - from Lexington Avenue to Sandquist Road, the speed limit is to be increased from 30 to 35 miles per hour (mph).

Special honors accorded Dr. Carl Austin by FEB

Dr. Carl F. Austin, head of the Public Works Department's Geothermal Program Office at the Naval Weapons Center, received special recognition from the Los Angeles Federal Exexctive Board (LAFEB) at the annual awards ceremony last week for his pioneering achievements in the field of geothermal exploration, his technical contributions which have served to advance scientific knowledge and his outstanding leadership in the geothermal field for the Navy.

"The LAFEB Chairman's Special Award is presented to individuals who distinguished themselves through an act of public service or benefit which is so outstanding as to attract special attention of the public and whose beneficial effects are so obvious as to be apparent," according to the Federal Executive Board's awards program from last Friday.

Austin, an NWC employee since early 1961, was honored by the LAFEB for the second time in his distinguished career. In 1983 he received the Outstanding Professional Employee Award at the annual FEB banquet.

Primarily through the efforts and pioncering work in geothermal resources of Austin, NWC is the Navy's lead laboratory for research and development of geothermal energy resources.

(Continued on Page 12)



Justin Nelson was credited with an assist in the win. Though they didn't score, Kenny Moulton, James Tam lent game for the Owls.

Rockets 2, Sounders 1 In another close contest, Chris Moore, Brian McKune and Ross Edwards led the defense while offen-



those days.



WWW SHOWS

May 13, 1988

Rocketeer 15

Teamwork key to close games Quarantine in effect:

the Naval Weapons Center Recrea- lone goal in the loss. tional Services Department.

Division I Eagles 0, Apollos 0

With all the Eagles working together, good saves by Eagles' goalie Rory L'Hommendieu and excellent plays by Apollos' Tom Knelsch, Dan Runyon, Peter Greedy, and Earl Shif-

Express 3, Owls 0

Cobras 1, Coyotes 0 action by Crystal Covey, Garrett defeat. Beck, Josh Chambers, Jason Belter,

excitement with three saves as the Coyotes' goalie.

Division 2

Tornadoes 2, Roughnecks 0 Daniel and Joshua Behr and Jenny with excellent plays. Rhodes supported the team and Vasken Haroutunian scored two for the Good hustling by Richard Jones winners. In spite of the loss, Mike and goals by Mike Schuhman and Wessman and Jimmy Runyon played Howard Gamble caused the Eartha hard game.

Jets 1, Bullets 0 lett, this exhilarating contest was Ford knocked in the only goal of the Ryan Lilly booted in the only goal. game. Scott Fuller, Brian Satterthwaite and Chrissy Self played hard Aggressive plays by Josh Carson, for the Jets. Defensive saves by Jim-after the Earthquakes forfeited due to two goals by Chris Peters, and one by my Powers and plays by Melissa Mur-not enough players. Willie Eichenberg ended in victory. phy and Heath Chambers weren't. ough in the loss.

Diplomats 8, Whitecaps 0

Kicks 4, Cougars 1

Robert Hoffman and Scott Giroux, Two goals by Neil Covington, one and a goal by Steven Schultz. Despite each by Sean Glasco and Chris Potten, the loss, Jordan Hansen stirred up and defensive plays by Mike Fortune, saw the Kicks emerge on top. Action by Kevin Nowicki and a goal by Robby Tomlinson weren't enough for the Cougars.

Division 3

Lancers 8, Drillers 1 sive effort and scoring was spear- Mark Ogren, two by Hugo Montes, winners. The Rogues did not turn in a headed by Salvador Ramirez and Aar- and one each by Mike Frederick, score sheet.

Fast action and teamwork caused on Knecht in the win. Nick Pritchard David Renner and Tiffany Mashall exciting games in the eighth week of and Justin Agee slowed the Rockets made the Lancers easy winners. Paul the youth soccer league sponsored by down and Jacob Wagner scored the Underwood scored the lone goal in the loss and John Hutmacher, Caryn Smith and Kevin Self were credited

> Earthquakes 2, Stings 1 quakes to upset the Stings. The Stings had good plays by Sabrina Albritton Assisted by Eric Sievert, Jason Kenny Carr and Mike Eberhart, and

Strikers, Earthquakes The game was played just for fun

Division 4

Fury 2, Whitecaps 2 Glenn Conrad led the victors with Teamwork by the Fury and goals by and Patrick Temple played an excel- five goals and Daniel Hartley added Phil Johnson and Clay Wilson caused the other three for an easy win. Andy an fast-moving contest which was Dubois' attempts were blocked by the made even more exciting by the action Whitecaps. The Whitecaps had great of Whitecaps' John Keller and suc-The Cobras squeaked through with team play, but couldn't stop the cessful shots on goal by Scott Wilson and David Hill.

Whitecaps 1, Rogues 0

The tired Whitecaps overcame the Rogues with a goal by Scott Wilson and plays by Chad Shedlock and Dean Barnet. The Rogues did not turn in a score sheet.

Fury 3, Rogues 0

With the team pulling together and goals by Cash Benton, Clay Wilson Three successful shots on goal by and Phil Johnson, the Fury were easy

Protects public from infected shellfish

enthusiasts that there is a mussel required to submit weekly speciquarantine from May 1 through October 31 along California's poisoning) testing. entire coastline, incuding all bays and inlets.

State health officials impose the mussel quarantine to protect and are safe to eat. the public from possibly ingestduring warm weather months. The DFG said commercially-

harvested shellfish sold in food lops may be added to the quaranmarkets and restaurants are not

Fish and Game officials today affected by the ban, since induseminded recreaitonal shellfish try shellfish producers are mens for PSP (paralytic shellfish

> Fish, crabs, shrimp and abalone do not feed on the toxic organism associated with PSP

Mussels are considered accuing shellfish tained with toxic rate indicators of prevailing organisms found in ocean waters oceanic conditions. If excessive levels of PSP are found in mussels, then clams, cockles and scaltine order.



Two free fishing days planned this year

Something's

in Ridgecrest

Indian Wells Valley Insurance is now leading the Kemper Cavalry as the area's

protection, reliable service and attordab'

prices that come with Kemper coverage.

Indian Wells Valley Insurance, bringing this

Indian Wells Valley Insurance

area the best value in insurance. Once

you compare Kemper, you'll ride

1310 N. Norma Street

premier source for Kemper personal insurance. So when you want the quality

NEW

head over to us.

Ridgecrest

446-3544

with us

Department of Fish and Game offi- Before and after those two days, there is a \$100 fine for fishing without. cials will hold a second free fishing however, the DFG reminded anglers a valid license. day in August, part of efforts to promote sportfishing as recreation to be enjoyed by all Californians.

The second free fishing day is scheduled for August 13. The first free fishing day will fall on June 11, during National Fishing Week.

two free fishing days annually.

On June 11 and August 13 of this year, fish in all public waters may be taken by all Californians of all ages without a sport fishing license. All bag limits and other sport fishing regulations apply to anglers fishing on



Manual and a second and a second and a second secon



Daryl Silberberg



Evelyn Robertson



Ellen LaFortun



RELEMENTATION

14 Rockeheer

FM **Stereo Country**

ISTBS

is yours at

100.9 FM

Thanks to You Indian Wells VALLEY now on Desert Cable 101.5

Advertising Sales 206 Balsam Ridgecrest



ALL OUT EFFORT - In the final sprint of the 100-yard dash, these contestants from Murray Junior High School give it their best shot. A total of 15 students competed in the Education Through Fit-ness sponsored by the NWC's Marine Aviation Detachment last Friday.

309.

Marine challenge. . .

(Continued from Page 13)

The top male and female finishers in each grade received a cie Howard, 454; Mike Kinne, 452; \$50 U.S. Savings Bond and certificates were awarded to the first, second and third place male and ants received a certificate of participation.

Top contenders and their total scores in seventh grade were Tra-Crouch, 319; and Eric Seargeant, cie Howard with 454 points and Ben Lee with 349. Eighth grade

Harris took the title for the ninth point average or better.

Expires 5/30/88

The overall standings were: Tra-Dean Barnett, 442; Mark Harris, 426; Charles Eberhart, 419; Toshiharu Vigil, 410; Ted Mechfemale in each grade. All particip-tenberg, 409; David Bartels, 400; Sarah Lasell, 397; Jay Ramos, 383; James Bell, 380; Borka Vanderhorst, 375; Ben Lee, 349; Mike

grade with 426 points.

winners were Mike Kinne with 452 To be eligible for the contest, and Sarah Lasell with 397. Mark students had to have a 3.0 grade

Expires 5/30/88



May 13, 1988

Hunters:

Safety course mandatory for hunting license

First-time California hunters were reminded by Fish and Game officials to sign up soon for mandatory hunter safety courses before taking to the field this year.



All first-time hunters, regardless of age, must either successfully complete a hunter education class, present proof of having taken the class in another state or successfully pass an equivalency test prior to obtaining a California hunting license. Ten hours of minimum instruction

time is required to complete the class and fees range from \$5 to \$30. Successful completion of the class will earn the student a hunter safety certificate. Most classes are conducted over weekends, with participants attending two five-hour sessions.

Prospect Park Village Now Renting

2 & 3 bdrm. duplex \$440-\$495 per month. Heated pool, lighted tennis court, new appliances cabinets, carpet, drapes washer & dryer hook-ups fenced back yards. Rental Office 375-8617 401 Toro

May 13, 1988



Since January of this year, things have been pretty hectic for Betty Miller and those who have been trying to help her. It is not easy to schedule such a program for the first time for so many people. Excluding CLIP, since January 27th over 2,300 people have gone through the blood test. For a voluntary test that has cost each of us nothing except time, I feel pretty lucky to have this program. There have been approximately 2,178 people who have gone through the fitness test, also. I feel the contract people doing the fitness part of this program have been very nice and thoughtful. To all the lab technicians corpsman and our occupational nurse, who for two to three hours each day stood bent over drawing our blood for the tests, I say thank you and may your aching backs get a rest! I feel good about this program. I hope that many of you share my feelings and will give your support, ideas and what ever towards it, this year and next. Thanks to those who helped in each code with your support for the draws.

PHAN Cary Brady

Rocketeer

Skipper NOTS South Picnic set

dido. The fun begins at 2 p.m.

Director of the Naval Ordnance Test base. Station, his wife Jane and the com- It is a good idea to bring warm clo-

Friends from many miles away host N.O.T.S. South Picnic will be come to this sepecial get-together. It held at the Kit Carson Park in Escon- is a marvelous opportunity to greet long-time friends who shared many Haskel Wilson, former Technical years of working and living on the

mittee who plans this yearly get- thing just in case the weather is not as From I-15 South, take Via Rancho together of old friends, hope to see warm as it is in Ridgecrest. People many faces from the Indian Wells attending the picnic should bring Valley area at this annual event. their own food, table service,

Instructions for getting to the Kit Carson Park are:

From I-15 North, take Via Rancho Parkway Offramp. Proceed east on the Parkway to the third traffic light and turn left into Kit Carson Park. Parkway Offramp, proceed east on the Parkway to the fifth traffic light and turn left into the park.

Security briefs scheduled

Bill Hopkins 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 mat-ters of interest to a large regument of the China Lakers must be in good taste and pertain to mat-bin (OPNAVINST 5510.1G, all indi-a.m. and 1 p.m. each day. ters 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 civilian and military, who have seen. 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

FEB HONORS-Eight of the 11 Naval Weapons Center employees honored by the Los Angeles Federal Executive Board show off their certificates following the luncheon last Friday. Recognized were (front row from left) Donald Jones, Merrie Colwell and Capt. Ken Kelley, accepting for Dr. Carl Austin. In the back row (from left) Joel Cash, Mary Plauson, Jerry L. Macy, Mary Ann Brown and Marlene Macomber. Missing from the photo are John Gibson, Susan Peters and Georgia Hall. Photo by

obligation in April may do so on May maximum benefit, no one will be to do so.



China Lakers win kudos from LAFEB

(Continued from Page 1) butions to increased communications and effective liaison between NWC and various sponsors, as well as improved efficiency and increased productivity.

Macy, a supervisory budget anal-yst with Central Staff, was honored

Command Detachment, was nomi- methods.

mand and the community in provid- management advisor, was lauded for with the Weapons Department, was Department, was touted for her exceling technical expertise necessary to her financial management and budget adopt in the ever-changing situations analyst expertise and the ability to caused by the unusual meteorological make things happen by being a conements of NWC.

Peters, a computer specialist in the

nated for his contributions to his com- Plauson, a Central Staff financial scientious and proactive employee.

Jones, a supervisory engineering for his leadership style, managerial Safety and Security Department, was technician in the Weapons Departand technical skills, integrity and the recognized for her computer exper- ment, was feted for his expertise in loyalty and responsiveness of his tise in keeping her department on the the field of domestic and foreign leading edge of computer technology electro-optic and infrared missile Gibson, serving as a meteorologi- by converting antiquated manual pro- seekers, for which he is frequently cal technician, Naval Oceanography cesses into modern, computerized consulted by key personnel within, and outside, NWC

recognized for being a professional role model and mentor for 45 clerical development which provide an outpersonnel, helping them to under- standing incentive and example for stand secretarial requirements and providing leadership and guidance to junior personnel.

Colwell, a secretary with Central Staff, was saluted for her selfless dedication and never-ending desire to relieve the administrative burden, as well as her specialized talents on personal computers.

Hall, procurement assistant with

Brown, a secretary (stenographer) the Aircraft Weapons Integration lence in performance and selfothers to follow.

> Macomber, a secretary for the Safety and Security Department, was honored for her exceptional organizational and leadership skills, as well as her expertise in appropriate Navy correspondence and her ability to share her knowledge with other employces.

May 13, 1988

May 13, 1988

Center works with NASP project

NASA, the total program through fuel. \$3 billion.

(Pratt and Whitney, Rocketdyne, beyond around three times the speed sion which leads to the use of super-McDonnell Douglas, General of sound (Mach 3). Dynamics and Rockwell), dozens of The problem is that as the Mach SCRAMJETS). In the SCRAMJET, their subcontractors, Air Force, Navy number goes up, the air is increasingly the fuel is burned in a stream of air and NASA laboratories have com- compressed against the airframe and moving through the engine at thoubined their talents to solve the difficult inside the engine and the air tempera- sands of feet per second - one of the not new. Indeed, a similar concept have grown from Dr. Clark's lone partechnological problems confronting tures soon reach truly astronomical reasons for the choice of easily ignited was investigated in the late 1950s, but, ticipation to a team of 12 who spend at the NASP goals.

logical challenge is "single stage to orbit." All current space launchers use rocket propulsion, which means the vehicle must carry its own fuel oxidizer. In a typical liquid hydrogen/ oxygen engine, such as the Space

RCTV

Program Guide

Ridgecrest Television (Desert Cable-Channel 3) FRIDAY, MAY 13 5:00 pm-"A Star is Born" 6:30 pm-The Ridgecrest Report, Local News starring Kevin McKay & Craig Fox 7:00 pm-The Navy News 7:30 pm-The Ridgecrest Report SATURDAY, MAY 14 3:00 pm-Saturday Adventure--Donald Fisher on "Ethnobotany" SUNDAY, MAY 15 12:30 pm-Services from St. Michael's Episcopal Church MONDAY, MAY 16 5:00 pm-Al Christman Lecture: Early Days of the Naval Weapons Center 6:30 pm-The Ridgecrest Report 7:30 pm-The Ridgecrest Report

TUESDAY, MAY 17 5:00 pm-An Open Window 6:30 pm-The Ridgecrest Report 7:30 pm-Historical Society Lecture: Cal Falgatter

WEDNESDAY, MAY 18 5:30 pm-Consumer Access 6:30 pm-The Ridgecrest Report 7:00 pm-City Council (Live)

THURSDAY, MAY 19 5:30 pm-An Open Window 6:30 pm-The Ridgecrest Report 7:30 pm-The Ridgecrest Report 8:00 pm-Stock car races

Today, the NASP program is a vig-orous all-out national effort employ-weight. Single stage to orbit requires ature of the Sun's surface (approxi-temperatures well in excess of those since the 50s that reduce risks of the ing thousands of our best aerospace elimination of most, if not all, of the mately 5000 C). talents. Funded in Fiscal Year 1988 at oxidizer weight; hence, NASP will Hence, the NASP must be carefully around \$250 million dollars shared by use readily available atmospheric designed to avoid compressing the air of the vehicle will require an active tests simulating flight at speeds up to the Air Force, Navy, DARPA and oxygen to burn its liquid hydrogen too much. This results in a very long, cooling system. Hence, the liquid Mach 8. Major advances have been

Five major aerospace contractors not been accomplished for speeds the engines with minimal compres-

levels. Indeed, at a flight Mach num- hydrogen fuel. The goal that is the pacing techno- ber of around 10 at 100,000 feet alti- Even with the most careful design,

DO DOLLAY STUREO' R

1:10, 3:50, 6:30, 9:10

slender needle-nosed airframe which X-30 flights is expected to be around The use of an "airbreathing" prop- is totally integral with the propulsion needed locations to maintain safe in light weight, high temperature comulsion system for manned aircraft has system. The air must also pass through material temperatures. sonic combustion ramjets (or portion of the program is to develop cal prediction schemes have, until

available structural materials. A major must be developed and many analytihigh temperature and light weight now, been restricted to rather simplimaterials for the job.

less technically risky liquid propellant (Continued on Page 7)

any conceivable aircraft structural current effort. The SCRAMJET conmaterials can withstand. Some parts cept has been demonstrated in ground hydrogen fuel will be pumped to made in materials sciences, especially posite structures.

The NASP will not use currently Much of the required technology fied laboratory type of conditions.

The idea of an aerospace plane is The NWC support efforts to NASP in the race to gain access to space, the least part of their time on NASP. In the





SHOWING THE WAY - Staff Sgt. Larry Weible instructs the participants of the NWC's Marine Aviation Detachment sponsored Education Through Fitness the proper way to do pull ups. Staff Sergeants Leonard Lucas (left) and Kevin Henry stand by to offer advice and to help with each event. Other noncommissioned officers from the Marine Aviation Detachment helping out were 1st Sgt. Gilberto Vigil, Gunnery Sgt. Dan Boone and Staff Sgt. Scott Reynolds.



Rocketeer 13



Hall Memorial Lanes to raise fees May 16

Bowling fees at Hall Memorial been identified as programs that Lanes on board the Naval Weapons Center will increase on May 16. Morale, welfare and recreation programs have always received appropriated funds in support of the services provided to the military family. This support has been drastically reduced in some areas and eliminated in others due to recent congressional decisions. Because of their ability to gen-

erate revenues, bowling centers

and other similar activities have

The new rotes and fees are as follow

are required to become self sufficient. The raise in rates at the bowling center is expected to defray the loss of the appropriated fund support. Hall Memorial Lanes will continue to provide bowling patrons with the highest level of bowling services and conditions possible

Please contact Hall Memorial Lanes at NWC ext. 3471 for additional information.

The new fales and fees are as follows.	
•Bowling rates (open and league)	
Military (Active duty, retirees, dependents and guests)	\$1.00
DOD civilians (immediate family dependents)	1.50
Junior league bowlers	1.00
Junior open bowlers (15 years of age and under)	.85
•Shoe rental	
All categories	.50
•Locker rental (monthly)	
Military (Active duty, retirees, dependents)	1.00
DOD civilians	1.50
Ball service	
3-hole plug	10.00
Single hole plug	7.50
3-hole drill	10.00
Single hole drill	7.50

IWV YOUTH BASEBALL

3rd Annual

STILL WINTER—Last week Tioga Lake, just outside of Yosemite National Park remained frozen, but the ice was rotting and anglers were hesitant to take chances. Winter is slow to leave the 9,900 foot level in the eastern Sierra region. Tioga Pass and Sonora Pass are both open to trans-Sierra traffic already. Photo by Steve Boster

Two Shrimp	Two Regular Sirloin
Dinners	Dinners
Only \$7.99	Only \$7.99
Good for all members of your party	Good for all members of your party
individual dinners may be purchased	Individual dinners may be purchased
at ½ the stated price. Not valid with	at ½ the stated price. Not valid with
other offers.	other offers
Golden Corral	Golden Corral
1030 N. Norma	1030 N. Norma
Coupon good for all	members of your group.

I've retired!!

I would like to thank all the special people at China Lake I have worked with over the years. You're terrific people and I will miss you. Also, thank you for the super retirement luncheon on April 28th. Your friend,

Ed Cannell

JD'S

DALE GALIPO PRODUCTIONS presents

New speed limits posted (Continued from Page 1)

oughs High School to Lauritsen horse stables, the speed limit will be Street to Inyokern Road, from 25 to Road, the speed limit is to be increased from 35 to 40 mph.

•CLPL Access Road - from Richmond Road to the "Y" at the top of the hill, the speed limit is to be increased from 45 to 55 mph. •Inyokern Road - from China

ake Boulevard to Blue Ridge Road,

the speed limit is to be increased to 35 the Richmond Gate to Groves Street, posted at 45 mph.

•Knox Road - from Hayward Nimitz Avenue, from 25 to 30 mph. from 25 to 35 mph; from Inyokern Road to Nimitz Road, from 25 to 35 ••Water Road — from Knox Road from 45 to 55 mph.

mond Road to Forrestal Road, the son Lab turn-off.) speed limit is to be increased from 35 These speed limit changes are

Road to Water Road, the speed limit and Traffic Survey. will be increased from 45 to 55 mph.

·Richmond Road - from Highway 178 (Trona Road) to the Richmond Gate, the speed limit will be increased from 45 to 50 mph; from

"How To Run A Productive Meeting"

Seminar

June 4, 1988 at the Hideaway

Hosted by the Toast of the Town Toastmasters

Registration & Lunch \$9.00

Registration Closes May 25. For information please

call 375-5862 or 377-5768. The Toast of the Town

Toastmasters meet weekly on Wed. at 7:00 at the

Daily Independent in Ridgecrest.

•Burroughs Avenue - from Bur- mph; from Blue Ridge Road to the from 35 to 45 mph; from Groves 35 mph; and from Inyokern Road to

> Street to Rowe Street, the speed limit •Sandquist Road - from the Sandis to be increased from 25 to 30 mph; guist Gate to the Airfield Gate. from Forrestal Road to Bowen Road, increase the speed limit from 45 to 50

> mph; and in the Range area, from to Easy Road, increase the speed limit Pole Line Road to Magazine Road, from 45 to 55 mph. (A reduced speed area will be located in the vicinity of •Lauritsen Road — from Rich- the bump in the road near the Thomp-

> to 40 mph; from Forrestal Road to the being introduced to bring the posted Lauritsen Gate, from 25 to 30 mph. speed limits in line with the recom-•Pole Line Road — from Knox mendations made in the Engineering

AMERICAN HERITAGE WEEK JUNE 6-10

admission is free.



110 W. Ridgescrest **Ridgecrest**, CA (619) 375-9001



May 13, 1988

May 13, 1988





Showtime 8:00

Sharp



Computer society meets

Linda Roush, a member of the The meeting will be held on Tuesday, Naval Weapons Center (NWC) May 24, at the Drydock Room at the Embedded Computing Technology Enlisted Mess. Lunch will be served office, will be the guest speaker at the from 11:30 a.m. to noon, and the next meeting of the China Lake Chap- program will be from noon until ter of the IEEE Computer Society. 12:45 p.m.



Why not MIP a tradition?

MODEL INSTALLATIONS PROGRAM INITIATIVE

NAVAL WEAPONS CENTER

accept them without question.

"IT'S TRADITION!!", according to the song in *Fiddler on the Roof.* tions only allowed sick leave for the care of family members who had a It's one of those unquestioned things we do because it's always been done that way. This, it turns out, is the stuff MIPIs are made of.

Not all MIPIs require headquarlaw before they can be adopted. Many of the ideas received in the MIP office can be implemented locally through a simple change of local regulation or policy. Occasionally, own interpretation of Navy or the (OPM) regulations. We have created our own "TRADITION."

Such is the case with MIPI No. allow employees to use their sick the law and the associated regula-

tions only allowed sick leave for the Consequently, as the direct result care of family members who had a of Judy Leisz's MIPI, the Center's contagious disease which required Time, Leave and Pay Manual them to be quarantined. However, (NAVWPNCENINST 7420.2C) is when the law, regulations and Navy policy were examined, it was found sick leave. that while there was a limitation for ters' approval or require a change of use of sick leave for contagious disease situations, the definition of contagious disease covered much more than had been thought. As the matter of fact, there are more than 200 illnesses identified by the State of when we investigate the issues of a California public health list (the MIPI, we find that the problem is our designated authority for this determination) as being "contagious dis-Office of Personnel Management eases." The list includes mumps, measles, chicken pox, flu, the common cold and just about every other "childhood disease." Further, when 199A. Judy Leisz (Code 3908) sub- Navy headquarters was queried mitted an initiative which would about the matter, it turned out that contrary to our (and the rest of the leave when staying home with sick Navy activities on the west coast) family members rather than annual belief, quarantine was not required leave as has been the practice. The in order for sick leave to be granted initial reaction to her idea was that for the care of family members.

Consequently, as the direct result

ERA plans demos

DODIE'S

FASHIONS AND BRIDAL

139 W. Ridgecrest Blvd. 375-2411

June 1, when the Electronics Rep-

Chapter of the Electronics Represen- sonnel

Instrumentation, data communica- tatives Association who will display tions, computer peripherals and a products and systems meeting miliwide range of components and sys- tary specifications from more than tems will be on display Wednesday, 250-300 manufacturers.

"The Caravan moves throughout resentatives Association (ERA) Car- Southern California to acquaint engiavan visits the Naval Weapons Center neers and managers - in this case (NWC) for a hands-on products including technical personnel and exhibition and demonstration at the contractors - with new develop-Officers' Mess from 9 a.m. to 4 p.m. ments in high technology," said Rich Refreshments will be served and Lewis, trade show chairman of the ERA division.

The 30 exhibitors will include The ERA Caravan is open to all members of the Southern California qualified technical and support per-

Bridal Gowns

Formal Wear

• Tux Rental

SAVE 10-50% Sale Example: Retail Sale Retail Prince Magnesium Pro Head Graphite Master \$200 \$ 99.95 Series 90 \$110 \$55.00 Yonex R-30 \$180 \$159.95 Prince Response \$150 \$139.95 Yonex R-22 \$130 \$117.95 \$176 Prince Spectrum Comp \$154.95 WE ALSO HAVE: Prince Power Pro \$100 \$ 89.95 Prince Pro \$ 80 · Head Taps · Over Grips \$ 71.95 · Replacement Grips Prince Precision Graphite \$120 \$ 99.95 ALSO, Our New DOLFIN Order Is In!! • Triathalon Shorts • Running Shorts & Tops Many New Aerobic Tights & Outfits.

1353-G INYOKERN RD. (Behind Cal-Gas)

446-4700

May 13, 1988

May 13, 1988

Fleet Reserves installing officers for a new year

Ron DeBaets, CLU

Government Personnel Mutual Life Insurance

Agent & Mutual Fund Representative

No Aviation Extra For Aviators Age 28+

Alvord Street, Ridgecrest.

China Lake Branch 95, Fleet ing officer. The officers being Reserve Association, will hold its installed are Robert J. Schwaiger, 43rd Annual Installation of Branch president; John M. McInnis, vice Officers on May 14 in Veterans' of president; Wally Baker, secretary/ Foreign Wars Ship 4084, 117 N. treasurer; and Opel Anders, George Chissenal, Honor Fulks, Leonard T. Lesniak, and Verne C. Tracey as directors. A.C. (Skip) Bennett is the

W.E. Baker, past regional president North Central, will be the install-

junior past president.



ON THE MOVE-Reservists taking part in their two weeks of active duty training moved the vintage F-4 Phanton from Armitage Field to NWC's Aircraft Survivability Range. Photo by JOC Carolyn Dettling



Phantom has new home

On its way to the Naval Weapons port Unit 0176 undertook the task of Center's (NWC) Aircraft Survivabilnot look the way it did as Blue Angel its new, and likely final, home. Join

the aircraft was in squadron duty until Brown and Airman Milt Slater. it was delivered to NWC for conver-

intact, the Fuze and Sensors Depart- Reserves call Lee Phillips and NWC ment obtained its release to the Air- ext. 2951. craft Battle Damage Repair Program. Members of Naval Reserve Sup-

moving it from Armitage Field to ity Range, this F-4 Phantom might NWC's Aircraft Survivability Range, Number Seven during its glory days, ing in the effort were Chief Chuck but it still has a long useful life ahead. Garton, AMS1 Matt Matthews, Following service with the Blues, AMH2 Rob Gallageher, Airman Jim As a test vehicle for evaluation of

sion into a full-scale aerial target. electrical/hydraulic field repair kits, Saved from the flying target status the historic F-4 will continue active by an administrative decision, the service by helping ensure other air-Phantom was stricken from the list of craft, and the men who fly them, can flying aircraft. Because the hydraulic survive in a hostile environment. and electrical systems remained For more information on the Naval

By JOC Carolyn A. Dettling

State law requires shots for kids new to schools

California state law requires child- ficate on file that shows the child has ren entering kindergarten to show either had a health examination and proof of having received immuniza- screening tests or that parents have tions (shots) before they can attend been informed of this requirement and school. The law also states a child have chosen to sign a waiver. entering first grade must have a certi- B. A. Jinadu, M.D., Director of Pre-

ventive Medical Services, announces the Kern County Health Department will conduct special school "roundup" clinics to be held during the spring and summer months. These clinics will provide physical examinations, screening tests and immunizations to children entering school.

The health examination must be received no earlier than 18 months before the date the child enters first grade in California. Kindergarteners must receive the examination and tests within six months before entering school.

A \$5 fee will be charged for each health examination, with a family maximum of \$15. A \$3 fee will also be charged for each immunization required for school, with a \$5 maximum per family.

vegetables).

avocado.

NWC FEDERAL CREDIT UNION is Now Accepting Bids On The Following Vehicles:

- 1) 1984 Dodge Van Prospector B250, VERY GOOD CONDITION
- 2) 1981 Pontiac Trans Am, FAIR CONDITION
- 3) 1986 Nissan SE KING CAB 4x4, EXCELLENT CONDITION
- 4) 1979 Chevy Cheyenne 4x4 full size, FAIR CONDITION

Vehicles may be seen at the base office 9:30 a.m. - 4:30 p.m. Monday thru Friday, except holidays. For further information please call the Collection Dept. or Sharon DeWeese at 446-6521



LAKE ISABELLA/BODFISH AREA 1985 Champion Mobile Home 28x60. Ready to be moved. Call Patty Thomas at Lake Isabella office, 379-4671.

Rocketeer 11

AHW: adapted by U.S.

This is the second in a series of food articles honoring American Heritage Week, June 6-10.

Japan, as we know, is an island country with an abundant supply of fish and seafood of all kinds. Vegetables, fruits and nuts are grown and harvested. The predominant source of cereal is, of course, rice. When Buddhism (710-784) flourished, cows and horses were forbidden as food because they were used in cultivating the soil and were considered to be household treasures. Fowls and animals that they hunted were eaten. The Edo Period (1603-1867) brought about many changes in the cooking, especially after the visit of Commodore Perry, USN, who introduced many new products and ideas. It is said that long before the entry of the Westerners some Japanese farmers discovered that sliced meat seasoned with shoyu (soy sauce) and fried on the plowshare tasted delicious. A plough or a spade is called suki in Japanese, and yaku means "to fry." Suki also means "sliced thin." Sukivaki, as we know today, is a simple food consisting of thin slices of chicken or beef cooked with vegetables and seasoned with shoyu, sweet sake and broth. Other popular Japanese dishes in the West are sushi (rice flavored with a sweet vinegar sauce, topped with cooked or raw fish, eggs and vegetables) and tempura (deep fried fish, shrimp, shellfish and

Traditional Japanese cooking ideas have adapted to American eating. Sushi was originally a way to preserve fish. It is vinegared rice garnished with an assortment of sliced raw fish or non-seafood. Today, a bitesized piece of the fresh raw fish pressed onto a ball of vinegared rice is known as sushi. There are many varieties and variations of this dish. Some in the West are traditional and have retained their authenticity others, like the "California roll," are adapted to the style and taste of Californians. The California roll is a delicious combination of mildly vinegared rice, crab, cucumber and

Batayaki was invented by a Japanese immigrant named Aoki working in New York City as a window washer in the 1960s. Batayaki is thinly sliced vegetables and meat quickly sauteed in butter. Mr. Aoki opened his first Benihana Restaurant in New York City, which was the beginning of a worldwide chain of restaurants. He was the first to market, on a large scale, the idea of placing a large cooking surface in the center of a dining table, similar to the traditional hibachi, placing a knife-wielding chef at one end with hungry customers around him eager to be simultaneously entertained and provided with delicious tidbits of shrimp, vegetables and steak to dunk in a sauce and eat. Original text by Ann Kurotori with excerpts from Japanese Foods published by Hui Mana-olua Foundation, Inc., Honolulu, Fit, 1969.

Cooking in Japan Museum plans annual Bikeathon Saturday, May 14, will be the day to four kilometers to make it safer and cial T-shirt. In addition, participants The grand prize is a bicycle from T.J. of the Third Annual Maturango shorter for younger riders. To add a who raise \$50 to \$99 will receive a \$5 Frisbee Bicycles awarded to the per-Museum Bikeathon from 8 a.m. to 3 more challenging ride for the exper- gift certificate from T.J. Frisbee Bicy- son who turns in the largest donation

Loop for special event is 40 kilometers

p.m., 100 E. Las Flores. In case of ienced cyclists, a longer 40 kilometer cles. Participants who raise \$100 or over \$500. rain or high wind, it will be resche- ride will be the Inyokern loop. duled for Saturday, May 21.

The main route has been changed raise \$25 or more will receive a spe- donation from T.J. Frisbee Bicycles. Bicycles.

more will receive a fanny pack or gift Pledge sheets are available in the

Participants in the bikeathon who certificate equal to 10 percent of their museum office and at T.J. Frisbee

Now you'll see American Eagles flying over Inyokern/Ridgecrest.



American Eagle® is here. And that means you'll be flying high with new service and more conveniences than ever before.

For instance, now you can eniov convenient service to Los Angeles every day. That's where American Eagle teams up with American Airlines. So you can nake easy same-terminal connections to dozens of cities throughout the U.S., including Boston, New York, Chicago and Dallas/Fort Worth, as well as destinations in Europe and Hawaii. What's more, when you

fly American Eagle, you can enjoy all the special services of American Airlines Like pre reserved seating and advance boarding passes. Plus, you can earn mileage credit in the American AAchantage * travel awards program. A minimum 750-mile credit is awarded on all American Eagle flights. And your miles can add up to First Class upgrades and free trips to places like Hawaii. Mexico, the Caribbean and Europe.

For reservations and information, call your Travel Agent or American toll-free at (800) +33-7300. And find out what it means to fly like an eagle. American Eagle.

Schedules subject to change without notice. American Eagle' and Addvantage' are registered ser-vice marks of American Airlines. Inc. American Airlines reserves the right to change AAdvantage program rules, regulations, travel awards and special offers without notice, and to end the AAdvantage program at any

American Fagl





WANT TO BUY A TICKET? - Alita Gilchrist, BOSS president, holds up tickets for the annual Scholarship Awards and Installation Ball set for May 27. Tickets are \$25 each and must be purchased in advance. People wishing to buy tickets should call Gilchrist at NWC ext. 2240; Catherine Rogers, NWC ext. 2348; Willie Edwards, NWC ext. 2736; or Juanita Martin, NWC ext. 2393.



BOSS fosters awareness and scholarship in IWV

munity, noted Rogers. "We especial-

ment and assisted those interested in

preparing their Standard Form 171," she added. Also, Willie Edwards,

vice president, and a personnel spe-

ing the seminar

cialist at NWC, provided career

The scorlarship program is open to

students graduating from area high

vocational schools or Cerro Coso

Community College. This year's

schools and IWV students attending

Each year one or more outstanding students from the Indian Wells Valley receives a scholarship from the Black Original Social Society (BOSS) and every year BOSS members take part in job fairs, promoting the Naval Weapons Center (NWC), area ly take an active role in job fairs held businesses and contractors in the valley. These volunteer tasks are but of open register for clerical employees two examples of community service at NWC we sponsored a job seminar provided by BOSS members since the to explain benefits of NWC employorganization was founded in early 1981 as a non-profit organization.

Alita Gilchrist, president of the group, notes it was established by area residents who sought to increase awareness of Black culture in the counseling to anyone interested dur-IWV, and who wanted to contribute to the community through a variety of activities, including job fairs and encouraging academic excellence through the scholarship program.

According to Catherine Rogers, treasurer, BOSS has also had poetry, musical variety shows in the past and Indian Wells Valley beauty contest. the Carriage Inn. BOSS, commented Rogers, is

can Heritage Week. "We will be hav- Tickets are \$25 per person and must NWC ext. 2393.



I would like to compliment you on the China Lake Air Show at the Naval Weapons Center. Everything was well run and the Blue Angels were excellent

Thank you for having this program on a Saturday so our family could attend. Most of these air shows are held on Sundays and we choose to attend Team, maintaining and building a church. This great country of ours still needs to believe and rely on God and good working relationship with lead-His greatness

Thank you again for a great show.

Gerald P. Crown and family Silverado Gallery & Gifts · Sand Paintings AMERICAN activities HERITAGE Montana Marble WEEK JUNE 6-10 · American Eagle Gallery LET'S BE DIFFERENT TOGETHE Potpourri Black Hills Gold "WINNER" Original Artwork · Many New Items B.E. Winters Won Our · Great Gifts for Men & the Graduate! \$100 Shopping Spree 995 N. Norma Ste. E, Ridgecrest The Silk Jungle Congratulations 446-4426

ing a food booth during that week be purchased in advance. The band June 6-10 where we will be doing our BB&C, consisting of BOSS mem-specialty, bar-b-que. BB&C, and the "Sai-Whatt??" band BOSS is an organization focused from Los Angeles will provide music on making a contribution to the com- for dancing starting at 9 p.m.

Officers being installed at the upcoming ball are Gilchrist, presiin the community. Prior to the last dent; Edwards, vice-president; Pearl Sanders, secretary; Rogers, treasurer; Solomon Waters, parlimentarian; Delphine Young, recording secretary; and Ira Calvin, sergeant-at-arms.

The new officers say BOSS is open to the public, regardless of race, sex or religious beliefs. Membership dues are \$5.50 per month and all contributions to BOSS are tax deductible. Edwards also noted people can earmark contributions to BOSS during the annual Combined Federal Campaign and have their contributions atically deducted from their winner will be announced at the pay.

group's annual Scholarship Awards Anyone wanting more information has even sponsored a contestant in an and Installation Ball set for May 21 at on BOSS, or who would like to buy tickets for the upcoming ball, should This black-tie affair will be open to contact Gilchrist, NWC ext. 2240; always very active during Black His- the public with a social hour begin- Rogers, NWC ext. 2348; Edwards, tory month and takes part in Ameri- ning at 7:30 p.m. and dinner at 8 p.m. NWC ext. 2736; or Juanita Martin,

Girl Scouts seek helpers

Applications for the Ridgecrest Roadrunner Girl Scout Neighborhood Chairman will be taken through May 15. This volunteer position is a two-year term. Some of the principle duties include appointing and coordinating a Neighborhood Service ers and resource people, and partici-pating in Joshua Tree Council events. Oualifications are a commitment

to the purpose of girl scouting: willingness and time to take training and attend administrative conferences and council meetings, administrative ability and management skills, ability to work with others, ability to initiate and support decision-making, and some experience and participation in community organizations and

For further information, contact Cheryl Armstrong, 375-6855, or Wayne Gunther, 375-3539.

May 13, 1988

Research Department (Code 3891), Dr. Josephine Covino is applying her knowledge of the chemistry of high temperature materials for optical fibers, protective armor and adhesives to look at coatings to protect NASP materials from degradation due to chemical reactions with hot hydrogen and oxygen. Dr. Tim Parr (Code 3895), with experience in the chemistry of rocket combustion, has provided to NASP technical advice on the use of laser spectroscopy for ground testing of NASP combustion systems Dr. Klaus Schadow (Code 3892) is extending concepts for missile ramje propulsion to control the processes of mixing injected hydrogen fuel and high speed air flows inside the NASP

engine

nozzles.

"At this time," said Dr. Clark, "the exact Navy missions for a flight vehicle with NASP-type capabilities are not well defined. The Navy will have a large financial investment in NASP and it seems inevitable that, in addi tion to space missions, an airplane with above Mach 6 atmospheric flight capabilities would be a formidable weapons platform. However, this would involve the development of a whole new class of air launched weapons to be compatible with the new class of aircraft. Many of the required technologies will probably "spin off" from the current NASP program but a major effort in time, funding and scientific talents will be required to inte grate these and other technologies into workable weapons systems. For China Lake the challenge of hypersonic aviation of the 21st century is here today!

NASP: Center supports developments

(Continued from Page 4)

In the Ordnance Systems Department, Frank Markarian, head of the Air Breathing Propulsion Branch, assisted in a technical evaluation of NASP engine designs and in formulating programs for technology development for the lower Mach number engine cycles. Fred Zarlingo (Code 324), with experience in ramjet ground testing, has provided technical advice on building new facilities for testing NASP engines at simulated Mach numbers of up to 8. Bob Estes (Code 3246) is extending his expertise in air intake design and tests for missile ramjets to assist in testing inlets for the hypersonic speeds required for NASP. Jim Loundagin (Code 3246) is also extending his experience in testing ramjet combustion systems to those of the NASP concepts.

In Code 3242, Dr. Craig Porter has provided technical inputs on high temperature structural design methods to the contractors building engine test facilities.

Gene Jaeger, Bertha Ryan and Dr. Warren Jaul of Code 3245 are assisting in the analysis of methods for cooling the airframe and engine structural components and for optimizing the methods for expanding hot exhaust gases through the engine

Need extra cash for the important times in your life?



Rocketeer 7

It's available at your NWC Community Federal Credit Union

- "Check Guarantee" Card
- Customize Your Account VISA I - Modified Grace Period VISA II - Full Grace
- No Annual Fee
- ATM Access!



- Automatic payment available
- · Credit Limits to \$10,000
- · Regular Billing: Credit Access
- Share Account Transfer Debit Access





--By Bill Coo

May 13, 1988

May 13, 1988

CHAMPUS uncovers a cap

pay no more than \$1,000 of is effective for expenses incurred Such bills must be paid in full by the CHAMPUS-covered expenses in one beginning Oct. 1, 1987. It applies only family. fiscal year under a provision of the to the amount of money required to In addition, costs paid by families new Defense Authorization Act, meet the family's annual deductibles under CHAMPUS' Program for the

for all others eligible for CHAMPUS allowable charges for covered medi- the cap. or CHAMPVA (Civilian Health and cal care received in any one fiscal Costs will not be capped automati-Medical Program of the Veterans year. Administration) is \$10,000.

cost to families in the event of a seri- treatment not covered by CHAMPUS, (Continued on Page 9)

Active duty families will have to ous or "catastrophic" illness. The cap such as acupuncture, are not capped.

The limit on covered medical bills and cost-shares based on CHAMPUS Handicapped are not counted toward

cally. Families must keep track of how Administration) is \$10,000. The cap does not apply to charges much they pay in a fiscal year and in excess of those CHAMPUS consid- write to the CHAMPUS claims procap" because it "caps" the financial ers allowable. In addition, charges for cessor for the state in which care was



CONGRATULATIONS—FCC Art Allington presents JOC Carolyn Dettling with the emblem of her new position, Command Chief for NWC Support Unit 0176 of the Naval Air Reserves.

Reserves select new command chief

Dettling has been named the Naval bees, in the Public Affairs Office at Weapons Center (NWC) Support the Naval Postgraduate School in Unit 0176 Command Chief, Her new Monterey and on the USS New duties began during the unit's recent Jersey. The Navy has been very good active duty for training period per- to me, and I tend to attempt to recruit formed at NWC.

Dettling began her Navy career in 1980 when she joined the Naval sional people in all my active duty Reserve under the Advanced Pay sites; I highly recommend the Naval Grade (APG) program. Prior to join-ing NWC 0176, she had been a mem-of one's debt to this country for the ber of the Public Affairs Center, San freedoms we all enjoy and as a way of Diego, for five years; the Navy Office broadening professional horizons," of Information, Los Angeles, for a she added. year and Reserve Naval Mobile Con-When not on active duty, Dettling 0217, for one year.

ing. "I have had the opportunity to be program.

Reserve Chief Journalist Carolyn on active duty in Hawaii with the Seaanyone who shows the faintest interest in military service," she said.

"I have worked with highly profes-

struction Battaltion 17, Detachment works for NWC's Ordnance Systems Department as deputy insensitive Dettling says she was fortunate to munitions (IM) coordinator and manhave been assigned the journalist rat- ager of the Navy's IM database

Alinds of

(619) 446-6250 **Free Estimates** Mini Blinds, Shades, Verticals Commercial • Residential • Industrial 2 week delivery and installation

Prudential-Bache Securities Anthony H. Barkate

350 E. Ridgecrest Blvd., Suite 201 Ridgecrest, CA 93555 375-8777

Call us to discuss "Financial Planning," stocks, bonds pank CDs, annuities, options and tax free income.



Saving copies of the Explanations rest of the year.

(Continued from Page 8) amount, CHAMPUS will pay the full Families with private health insur-

bles and cost shares add up to the cap all dependents toward a single cap. paid it.

received to have the cap imposed. charges for covered care during the ance or the CHAMPUS supplemental cal expenses to CHAMPUS is imporof Benefits provided with each claim Divorced and remarried military amount that would have been their expenses. When a family's deducti- dents can count the expenses paid for though the other insurance actually with the other jurisdiction's CHAM-

Providing all information on medi- credit for all expenses. insurance plan can still count the tant. Families who have received care hospitals and clinics have complete is the best way to keep track of sponsors who have two sets of depen- cost-share toward the cap, even ask their current processor to check in more than one jurisdiction should detail PUS processor to ensure they received

Rocketeer

AMERICAN HERITAGE WEEK

WEEKEND-WEAR SPRING SALE 5 DAVS ON 25-33%

BIG SAVINGS ON NAME BRANDS FOR WOMEN, MEN AND CHILDREN.

WOMEN

25% OFF. Aileen playwear. Save on our entire stock of regular price merchandise. Sizes S-M-L. (Petite and Large sizes available in selected stores.) Reg. \$15.-37. Sale \$11.25-27.75.

33% OFF. Cathy Daniels knit dressing. Save on ou entire stock of regular price merchandise. Choose from print pants, skirts and tee shirts in turquoise or pink. Sizes S-M-L. Reg. \$26.-31. Sale \$17.42-20.77. 25% OFF. Misses rompers by Steppingstones Choose from assorted colors and body styles. Sizes S-M-L. Reg. \$18. Sale \$13.50.

25% OFF. Tee shirts and tank tops by Steppingstones. Choose from a great selection (Large sizes available in selected stores.) Reg. \$8.99-16.99. Sale \$6.74-12.74.

33% OFF. Selected Junior rompers. Choose from assorted colors. Sizes S-M-L. Reg. \$16.-18. Sale \$10.72-12.06.

33% OFF. Selected Junior tank tops. Choose from assorted colors. Sizes S-M-L. Reg. \$8.-10. Sale \$5.36-6.70.

33% OFF. Selected Junior shorts. Choose from assorted colors and styles. Sizes S-M-L. Reg. \$10.-24. Sale \$6.70-16.80.

25% OFF. Entire stock of fabric bags. Choose from a fantastic selection of fabric bags. Available in assorted Spring colors, solids and stripes. Reg. \$12.-39. Sale \$9.00-29.25.

Some items not available in some stores.



MEN

25% OFF. Pierre Cardin chambray collection Choose from active tops and bottoms with white sheeting trim. Reg. to \$36. Sale to \$27.

25% OFF. Jantzen International chambray collection. Choose from this active group of knits, shorts and pants. Reg. \$28.-36. Sale \$21.-27. 33% OFF. Hush Puppies active knits and shorts. Mix and match from this wide selection. Chest stripe knits, reg. \$20. Sale \$13.40. Active shorts, reg. \$15. Sale \$10.05.

33% OFF. P.C.H. Young Men's tank tops. Pieced jersey and rib knit with racer back styling. Available in assorted colors. Sizes S-XL. Reg. \$17. Sale \$11.39.

33% OFF. P.C.H. Young Men's active shorts. 100% cotton sheeting shorts with full elastic waist with drawstring. Available in assorted colors. Sizes 28-36. Reg. \$22. Sale \$14.74.

CHILDREN

33% OFF. Entire stock Girls' 4-14 tank top and short separates. Choose from assorted colors. Tank top, reg. \$8.-16. Sale \$5.36-10.72. Shorts, reg. \$10.-18. Sale \$6.70-12.06.

33% OFF. Buster Brown active tank tops and shorts for Boys. Choose from assorted colors of rib and screen print tank tops to coordinate with solid and print shorts. Sizes 4-7. Tank tops, reg. t \$8. Sale to \$5.36. Shorts, reg. \$10.-14. Sale \$6.70-9.38.

Discounts taken at register

5 DAYS ONLY, WED, MAY 11-SUN, MAY 15 **BOSTON STORES**

DIAMOND BAR

HEMET (714) 652-298 LANCASTER

MISSION VIEJO 714) 581-6600 PLACENTIA 714) 993-414

POMONA 714) 593-021 RIDGECREST (619) 375-3567 ROSSMOO (213) 430-100 (714) 826-1771

VICTORVILLE 619) 241-768 WHITTIER (213) 947-289

May 13, 1988



May 13, 1988

Fit or Fat key question for wellness of individuals

Fat, not weight, is the real ener of fitness, claims Covert Baile author and lecturer on fitness, heal and lifestyles. Bailey will be at the Naval Weapons Center on Monday, May 16, speaking to NWC employees under the sponsorship of the Center's Wellness Program. He will speak at 10 a.m. and 3 p.m. in Room 1000D, Michelson Laboratory. The talks are open to all interested NWC employees. In addition, he will present a free lecture, open to the public, at 7 p.m. in the NWC Theater.



COVERT BAILEY

Bailey, the author of Fit or Fat, a best-selling book on exercise and nutrition, says control of body fat, a perfect diet and as little as 20 minutes a day of exercise are the tools by which individuals can assure a lean and healthy lifestyle.

The control of body fat, says Bailey, lies in metabolic changes caused by exercise and learning to cut fat from the diet. In his books and lectures he outlines easy-tofollow programs based on biochemical realities that assure success. He also discusses nutrition, heart disease, cancer and the differences between overweight and

The well-known authority of fitness explains his concepts in simple, common sense terms. His material is not new, but it is presented in a way to bring maximum benefit to the audience.

Now 54, Bailey holds a Master of Science Degree in nutritional biochemistry from the Massa-chusetts Institute of Technology. His background also includes research in physiology at the Harvard Medical School. In addition, he has spent time as a tennis instructor, a ski instructor, a canoe guide, a geologist and a lumberjack.

Branch moves

Code 3337 will be moving all their personnel to new offices, located at 71 Parsons, by May 6.

New telephone numbers will be NWC ext. 3741, 3743 and 3742.

2		* n	leal	ther	Re	poi	-
1	N			Peak			
5	Date	Max	Min	Gusts		Max	M
1	4/28	83	54	27 knots	Thurs.	64	4
	4/29	85	45	25 knots		71	4
	4/30	72	51	36 knots	Sat.	75	4
	5/1	73	45	19 knots	Sun.	78	- 4
S	5/2	76	42	10 knots		88	- 4
-	5/3	85	45	21 knots	Tues.	97	1
my	5/4	82	57	34 knots	Wed.	101	
ey, alth	All Armita	measurer age Airfie		e made at			

Min

48

43

44

41

45

52

56

surements

Peak Gusts

NL

IEEE members hear Joe Mosko talk on 'DF Antenna Technology'

30 knots Design Specialist, will be the guest Finding Antenna Technology." He 19 knots speaker at the next meeting of the will describe the theory and design of 24 knots Institute of Electrical and Electronics various multi-filament spiral anten-20 knots Engineers, Inc. (IEEE) being held in nas suitable for direction-finding 13 knots the Drydock Room of the Enlsited (DF) systems such as homing or 11 knots Mess on Wednesday, May 18. Lunch tracking applications. Emphasis will 12 knots will be served from 11:30 until 11:55 be placed on the practical aspect of made at a.m. and the program will be from this technology and selected experi-11:55 a.m. until 12:45 p.m.

Joseph A. Mosko, Microwave Mosko will speak on "Direction mental data will be shown.

Rocketeer 17



PANAFAX UF-250. FIRST OF A NEW BREED WITH ERROR CORRECTION MODE. THE ONLY FAX THAT GIVES YOU SO MUCH AT SUCH AN ECONOMICAL PRICE.

The UF-250's most distinguishing feature is all of its features at such a small price tag. It delivers more of what you want-more performance not more equipment-for your money.

FEATURES THAT MAKE YOU LOOK GOOD

The UF-250's new Error Correction Mode literally clears up transmission problems. It automatically commands a transmitting machine to repeat a portion of a document that is unclear due to telephone line distortion, saving you time and costs of retransmissions.

Also, a Super Fine Resolution quadruples ordinary resolution making the finest print legible. A halftone reproduction capability presents a clear picture of photographs.

Besides making your work look good, the Panafax UF-250 simplifies your work with its easy and efficient operations. Features such as autodialing, polling, delayed and relay transmissions enable you to spend less time with operation and more time with the real business of business-your job. With its local copy mode, the UF-250 is virtually a complete desktop resource center.

SERVICE THAT MAKES YOU LOOK GOOD

If you ever have a problem, the UF-250 can actually fix itself. Its built-in diagnostics enable the technicians at our National Diagnostic Center to identify and solve most problems right over the telephone.

All Panafax products are precision engineered by

Matsushita, world leader in fax technology and the manufacturer of other brands like Panasonic, Quasar and Technics. So you can be sure from the start that you're getting the best equipment possible. The UF-250. The little big fax that confidently

tackles the big challenges of office communications. All at a price that's second to none!









Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities when are permanently assigned to NWC. This group includes employees with career or career con-litional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employ-ees with Sch.(A) continuing appointments (who may be referred separately when they apply). Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activ. ty within NWC's commuting area. Applications from other groups will be accepted wh specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualifications requirements by the closing date of the advertisement. Eva-luation of applicant's qualifications will involve using at least two assessment measures (e.g., work experience, annual performance assessment rating and narrative, education, training performance assessment and awards). Spouses of military sponsors apply at Room 231, same address as shown below.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Personnel Department pre-approved form; and a copy of your most recent annual performance assess-ment narrative (note: a copy of your performance plan should be attached if the annual perfor-mance narrative description does not clearly state the tasks/duties performed). A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all applica-tion materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12334/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qual-ifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and an original signature in ink on the last page completes the application. Civilian Spousal Program Eligibles must submit a copy of their sponsor's PCS orders with each application. Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applica-tions received after 4:30 p.m. on the closing date will not be considered. Applications are retained in an announcement file and cannot be returned or filed in personnel folders. The

retained in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discri-mination for any non-merit reason.

No. 25-006, Contract Specialist, DA-1102-2/3, Code 2511 - Incumbent prepares and analyzes procurement packages, negotiates with contractors, awards and administers a wide contractors, awards and administers a wide variety of government contracts. Incumbent plans, negotiates and administers cost reimbursement and fixed price contracts; analyzes purchase requests to develop purchase descriptions or statements of work; selects the best method of contracting to include contract type, method of price justification. awards evaluation criteria and justification, and negotiation techniques; selects sources and publicizes requirements, prepares ustifications and approvals; prepares solicitation documents and analyzes offers; tiates contracts and subsequent Job Relevant Criteria: changes. of contract administratio

Knowledge of contract administration principles, policies, regulation, and procedures; knowledge of contract termination concepts, procedures, and procedents; ability to apply and interpret procurement rules, regulations, policies, and procedures; ability to communicate orally; ability to communicate in writing; ability to negotiate contracts. Promotion potential to DP-3, but not guaranteed. No. 26-014, Production Controller, DT-1152-1/2, Code 2611 - This position is located in the Production Management Branch of the Maintenance Control Division, Public Works Department. The incumbent is responsible for assisting senior personnel in the scheduling of planned jobs, completing planned jobs and interfacing with shop forces. Job Relevant Criteria: Knowledge of Public Works work request processing system; ability to communicate orally ability to work under work request processing system; ability to communicate orally; ability to work under pressure; ability to deal all levels of l levels ontial DT-2.

pressure; ability to deal all levels of management. Promotion potential DT-2. No. 31-024, Supervisory Interdisciplinary (General/Mechan-ical/Aerospace/ Electronics/ Elec-trical Engineers/ Mathematician/ Physicist/ Computer Scientist/ Operations Research Analyst), DP-801/830/861/855/850/1520/1310/ 1550/1515.3/4 Code 3104 1550/1515-3/4, Code 3194 • This position is that of Head, F/A-18 Systems Engineering Branch. As branch head, incumbent directs a multidisciplined staff which provides system engineering and test and evaluation for the NWC's efforts in F/A-18 systems through their life cycle with emphasis on the radar, mission

avionics, (4) system maintenance support, and (5) laboratory ground and flight test support. Job Relevant Criteria: Knowledge of flight test procedures and processes; knowledge of aircraft instrumentation systems; knowledge of operational software and development and test; knowledge of Center support functions; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to deal effectively with personnel within and outside the government. A one year supervisory probationary period may be required. Promotion to DP-4, but not guaranteed.

required. Promotion to DP-4, but not guaranteed. No. 31-027, Supervisory Interdisciplinary (Computer Specialist/Logistic Management Specialist), DP-334/346-3, Code 3145 - This position is head of the A/7E-F/A-18 Test & Instrumentation Branch in the System Integration and Evaluation Department. The branch is responsible for (1) development and coordination of requirements for test and evaluation of aircraft avionics/weapons systems (1) development and coordination of requirements for test and evaluation of aircraft avionics/weapons systems including definition of test requirements, preparation of test plans and procedures, and test coordination, (2) development, use and support of aircraft system instrumentation, (3) support of installation, checkout, and grooming of avionics, (4) system maintenance support, and (5) laboratory ground and flight test support. Job Relevant Criteria: Knowledge of flight test procedures and processes; knowledge of aircraft instrumentation systems; knowledge of operational software and development and test; knowledge of Center support functions: knowledge of affirmative action principles including a willingness to implement EEO practices; ability to deal effectively with personnel within and outside the government. A one year supervisory probationary period may be required. Promotion to DP-4, but not guaranteed.

<text><text><text><text><text><text>

36405 • This position is located in the Shops Support Office, Engineering Prototype Division, Engineering Department. The incumbent is responsible for obtaining all materials, supplies and contract services required for the work produced by the Division. A service to requesting engineers, supervisors and technicians of the technical community of the Naval Weapons Center is provided. The incumbent provides guidance and assistance in obtaining experimental/developmental hardware and project materials. Job Relevant Criteria: Knowledge of all parts and equipment used by a materials expediter; ability to use technical manuals, supply experimental/developmental hardware and project materials. Job Relevant Criteria: Knowledge of all parts and equipment used by a materials expediter; ability to use technical manuals, supply manuals, production control manuals, and related documents; ability to do the work of the materials expediter job; ability to do materials expediter work. Supplemental required. in support of the NIS office. This position requires preparing material of a sensitive/criminal investigative nature. Incumbent must be able to learn NIS operating procedures, classified material control system, the operation and monitoring of a mobile radio system, and the operation of the NIS computer terminal. Job Relevant Criteria: Ability to type; ability to obtain a Top Secret clearance; ability to operate an IBM compatible computer is desirable. Civil Service status is not required as this position is in the Excepted Service. Promotion potential to the GS-5.

No. 39-008, Administrative No. 39-008, Administrative Assistant/Officer, DA-341-1/2/3, Code 392 - The incumbent provides administrative support to the division and is responsible for project and overhead financial management, personnel management, facilities planning and procurement. Provides a full range of

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are gen-erally similar. Secretaries serve as the principal clerical and administrative support in the designated organi-zation 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 receptionists and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) abili-ty 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) abi-ity to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences. This column is used t

and to arrange conferences Unless otherwise indicated

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 '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 PER-SONNEL BUILDING

No. 35-007, Secretary (Typing), DG-318-1/2, Code 3562 - The incumbent provides general secretarial and administrative support to the EW showledge of MacIntosh and/or Interlead desirable, but not required. Must be able to pass special background check to obtain to DG-2. No. 39-009, Secretary, GS-318-2/3, Code 39B8 - This position is that of the lead secretary for the Sparrow

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reas-signment Opportunity Announcements are separate from the Promotion Opportunities col-amn 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 or 172. All applicants must meet minimum qualification requirements established by the Office of Percental Management. Information concerning the requirement and plecement 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. 33-009, Interdisciplinary (Electronics/Electrical/Mechanical

No. 33-009, Interdisciplinary (Electronics/Electrical/Mechanical /General Engineer/Physicist), DP-855/850/801/830/1310-2/3 (Mul-tiple Vacancies), Code 33303 -Area of consideration: Career and career-conditional employees of Fuze and Sensors Department (code 33). This position is that of Associate Technical Manager(s) for sensor production, Fuze and Sensors Department. The Technical Office is the single point of contact for STANDARD Missile Program activities at NWC. Current efforts include: the design, development and production support of arming devices, missile destruct systems and related components; the technical direction of new rocket motor and motor

446-7971.



Rocketeer 27

26 Rockereer

CLASSIFIEDS

353 Miscellaneous For Sale 353 Miscellaneous For Sale 357 Pets 381 Condos for Sale 445 Room for Rent FREE Cocker Spaniel and Dachshund, both 5 years old. Free dog house. 446-7530. DEETER Condo, 2 bedroom, 11/2 bath, nicely LARGE room, private bath, prefer non-smoker/drinker. \$250/month, \$100 deposit. 375-4307. WE BUY AND SELL Silver Coins • Gold Coins • Silver Bags • Bullion • Krands, etc. decorated, fireplace, garage, pool. By owner, \$66,500. 446-6228. PHONE 375-8808 to place 361 Wanted to Buy your classified ad. 21/2 ACRES in College Heights. Will pay 449 Space for Rent MINOLTA X 700 Camera, 28-80 zoom lens cash, 446-7384 385 Mobile Homes Collections and estates bought and appraised. Serving the IWV since 1977. Bodie Coin Co., CARPETED Offices & tiled shop spaces. Richmond Road Professional Buildings. 70-210 zoom lens, speed winder, flash, and case. \$ 375. 446-3075. For Sale Richmond Road Professional Buildings. 1000 sq.ft per suite. Easy access to NWC South Gate. \$500 p/mo. M2 Zoned. Call CASH For Your old coins, especially your FOR Sale - beautiful 3 bedroom, 2 bath, 1680 old pennies. 375-1041, if not home sq.ft. Mobile Home in park. Many extras. essage. collect 602-855-3670. 446-3354. 377 Homes for Sale TOWN & Country Park - 12 x 56 Fleetwood with 8 ft. pop-out, new cooler/toof, upgrades. See to appreciate. \$ 16,500 or best offer. 446-5767 after 6 p.m. TRAVEL Trailer space, Mobile Home space, close to all shopping, 210 W. Haloid. 375-5954. 3 bedroom, 2 bath, convenient north location. \$83,500. 446-4721, leave message. 450 Resort Rental Cash In CASA DEL SOL - BY OWNER!! Lovely 3/4 429 Apartment for 4 SEASONS VACATION REFERRALS, With the Classifieds 2 bath home with fireplace, indoor Rent-Unfurn. Lake Tahoe & Hawaii owner direc laundry, RV pad, patio, nicely landscaped yard with fully automatic sprinklers. Low assumable mortgage. \$87,900. Call 446-7207 800-832-1414. 2 BEDROOM Apartment, garage, range refrig., mini-blinds, carpets, dishwasher, cei ROCKETEER ADVERTISING DEPT. 461 Mobiles for Rent after work hours , trash paid, \$425/month, \$400 depos 206 Balsam St. 375-8808 Open Monday - Fnday, 8:00 a.m. - 5:00 p.m. Deadline for placing classifieds: Mon. 3:00 p.m. TRAVEL TRAILER Space, mobile home space, close to all shopping, 210 W. Haloid. FREE...Weekly List of Properties for Sale by LARGE SPACIOUS 2,3,4 bedroom du-Owner with addresses, prices, owner's phone #. Call 371-1005, Help U Sell Real Estate. plex. Individually fenced yards, new car 375-5954. pet, carpeting, flooring and cabinets new 469 Motorcycles wamp cooler, air conditioning, pool, spa, SAVE THOUSANDSI childern play area, night lighted tennis courts, washer & dryer hook ups. Save 1 1982 HONDA CB750 Custom, 2600 miles, Helping Sellers sell By Owner for only \$2,450. Call 371-1005, HELP U SELL Real mint condition, 2 tone blue with roll bar and travel box, \$1,500. Also 2 full faced Bell Put Some month's rent with a 6 month lease, 401 Toro Drive. 375-8617. helmets, \$150 negotiable. 446-6178 anytime. Summer Savings in your life! at TRAVEL DISCOUNTS RIDGECREST MANOR II PUERTO VALLARTA \$379 7 nts FROM Including round-trip air and hotel (per person SPECIAL: dbl. occ.) HAWAII 7 nts FROM \$434 (per person, dbl. occ.) FREE BASIC CABLE FOR 3 MONTHS Including round-trip air and hotel · 2 & 3 Bedroom Plans · Rent Month-to-Month **CRUISE DISCOUNTS** · 1 & 2 Story Units or Lease · Tot Lot For Children · Furnished Units Available * 7 night CARIBBEAN CRUISE discounts of up to \$500 Fenced Patios · Garages/Laundry Hook- Microwaves Ups (some units) or per person off brochure rate. Carpet & Drapes **Covered Carports** 10 day ALASKA CRUISE discounts of up to \$300 \$400 per person off brochure rate. prices do not include port taxes PARK-LIKE GROUNDS Cruise discounts offered on over 7,000 sailing dates thru April 1989 Ľ AND A POOL China Call Mary at Call us now! 375-3725 **TRAVEL PLUS** E. Ridgecrest Blvd. (619) 446-7950

or come visit at 840 E. Ridgecrest Blvd.

May 13, 1988

May 13, 1988

(Continued from Page 18) 1000 TDD's per year. A smooth transition of the MK 45 Mod 8 TDD to production at the TDD prime contractor is essential to the success of STANDARD Missile Low the success of STANDARD Missile Low Altitude Improvement Program, and it is a key effort for the Associate Technical Manager(s). Concurrent with the Mod 8 TDD's transition to production, a second source contractor for the Mod 8 TDD is also being qualified. Establishing the production disicipline at both contractors, and creating a cooperative atmosphere between prime and second source contractor will be an exciting challange. The person(s) selected for this position will be continuously challanged to provide the usly challanged to provide the direction that must find practical and cost effective solutions to a myriad of production problems. Coordinating Center and other members of the STANDARD and other members of the STANDARD Missile community may require frequent travel. Applicant should be familiar with production, production processes and production disciplines. Experience in missile proximity fuzing is desirable but not mandatory. The applicant should have the ability to interface with the management at contractors, NWC and other Navy activities: ability to apply Navy activities; ability to apply engineering and product assurance disciplines; ability to develop program plans/budgets; familiar with NWC/DOD

request forms.





921 W. Inyokern Rd.

Reassignments. . .

b) position is the Information System Design and engineering development of advanced to exploratory. Advanced is support the system efforts. Incumbent is conducted to support the system and development of design concepts and advanced development of design is designed. Experience of RF datalink systems. Experience in high speed analog and digital signal processing is desirable. Experience of tactical RF datalink systems. Experience of tactical RF datalink systems. Experience of tactical RF datalink systems are also essential. The incumbent must be able to manage and technically direct complex RF datalint programming language such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive marker language. Such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive marker language such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive marker language such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive marker language such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures and recent uses for the procedures and recent as the spreadsheets. File and window management techniques, interactive marker language such as Basic, Fortran, Pascal, etc.
 Sope: The course will cover procedures and technically direct complex RF datalink procedures and techate and technical technical to the procedures and technical te

personnel development opportunity

Center.

tive macros, looping procedures and input data checking techniques will be covered. The approach used will be to develop macros to perform specific All previous editions are obsolete tasks. Individual elements of the NCEN) Form 12410/73 (Rev 12-87), and should be destroyed and replaced macro language will be discussed in the context of the specific task being considered. Discussion of overall design of multiple spreadsheet systems and the possible uses of macros

•Day 1 - Fundamentals of writing No. 35-006, Interdisciplinary (Electronics Engineer/Physicist, DP-855/1310-3, Code 35206 - This position is the Information System Design how to automate routine procedures

FORMS MANAGEMENT June 17, 0800-1000, Training

Rockeheer 19

Center. By Hale Herold, Code 0851. Scope: This course is based on the information in the secretarial handbook - please bring yours to class and is designed to help personnel with



Use revised training form

Naval Weapons Center (NAVWP-"Request for On-Center Training," replaces all other On-Center training

with the new revision.

The new revisions are available from TELMART.

w to get through to your kids.

You don't have to worry about missing calls because your phone's busy. With Call Waiting from Contel, you can receive calls even when there's someone already on

the phone. And you know how some people like to talk. Call Waiting from **CONTEL**. Telephone Operations Contel is a registered trademark of Contel Corporation

20 Rockereer

May 13, 1988

305 Business CUT and Perm, \$28. M Thursday. Victoria's Hai sam, 375-7044. Donn, M

INDEPENDENT SAVE \$\$\$ on towing a Ridgecrest. 446-6106 day & Sunday.

SAVE \$\$\$ on towing a Pearsonville. 377-4585 da & Sunday. THE CLOTHESPONY I ions for your children a (Sizes infant to 14) Loc

Way across from Greyhol 309 Lost and Fo FOUND in the Vieweg-S

ing. Looks like a doberna old. If he's yours call 44 313 Personals DO you like to do cra receive free gifts? Or d how to do stitchery? T

375-6292 after 4 p.m. HEY KIDSI Hear a fr 375-5381. Story changes

Is a friend or loved one's affecting your life? Makin AL-ANON, 375-3251. OVEREATERS Anonyous Monday and Thursday in 9:00 p.m. Please join us tion call 446-5898.

TOPS = Take Off Pou join us at our new locati Lynne at 375-7593. Mee every Wednesday. TOPS - Take Off Pounds

a membership drive. Eve p.m. at 803 Ellis or call WANTED: All late mode Ridgecrest Mustang GT after 4 p.m. **317 Professional**

KEIM'S EXECUTIVE S meet your needs. Resu papers, forms, letters, ma typing. Call now, 375-912 TREE TRIMMING, top stump removing, Lic. & 375-7913.

325 General Ser

CUSTOM SEWING, and an appointment, 446-598 HANDYMAN 30 Year estimates! Carpentry plumbing and electrica patching, yard work a repairs guaranteed.

"WEST T Ideal for mot campers. RVs. \$1,995 full NO DOWN only \$45 month to Rio Grande River recreational area. Great hunting, fishing & boating. FREE maps/photos. Owner Mrs: Allebe (213) 375-7982

Personnel training opportunities. . .

like a diamond...

(Continued from Page 19)

Enrollment Form: None. Deadline: June 2.

CE (4 hours)

Center. By Robert Lupei, Code locks/combinations changed. 2431.

wear your badge; badging and area access procedures; procedures for

and domestic; how to mark classified tion appointment. documents; transmission of classified

Note: To enroll in this course, subhours of operation; when and where to department channels to Code 094.

Deadline: June 10.

Cerro Coso sets registration

Students who wish to enroll for courses are job-related or will Requests for tuition support (DD classes at Cerro Coso Community strengthen contributions to the Cen- 1556) must be received by CLOSE College during the fall 1988 semester ter's mission, tuition will be paid OF BUSINESS May 17 so that they should contact the registration directly to the college by Code 094. may be processed and returned in appointment desk between 9 a.m. and Employees interested in attending time for registration. Those received new employee security clearance; 5 p.m., Monday through Friday, May Cerro Coso classes and having the after that date will be returned and NWC ext. 2451 to reserve a space in how to arrange for visitors, foreign 19-26, to schedule an early registra- Center pay the tuition should submit a employees will either have to pay the

documents; handling of classified on May 24 from 9 a.m. to 6 p.m. and Training and Reimbursement) via request for tuition support. Employ-SECURITY FOR CLERICAL/ documents; safeguarding classified on May 25 from 9 a.m. to 6 p.m. by department channels to Code 094. ees who pay tuition will not be ADMINISTRATIVE WORKFOR- documents; destruction of classified appointment only. Walk-in registra- If a course is not directly jobdocuments; courier card, letters, tion for continuing students will be related, along with the DD Form 1556 June 24, 1230-1600, Training memos; and how to get keys made, held on May 26 from 9 a.m. to 5 p.m. submit NAVWPNCEN 12410/66 by appointment only.

Objectives: The course will cover: where the Visitor Center is and the NAVWPNCEN 12410/73) via NAVWPNCEN 12410/73) via Cerro Coso in the fall may register vidual Development Plan) describing sion on May 25 and 26 at 4:45 p.m. career plan and how attendance in the Students will be able to register course will strengthen contributions immediately following the program. to the Center's mission. An appointment is necessary to attend one of the orientation sessions.

For more information, contact the established college at 375-5001.

employees enrolled in courses pro- should inform the registrar they are vided under the Naval Weapons Cen- NWC co-op students when they ter (NWC)/Cerro Coso Contract. If register.

(Academic Enrollment Justification) New students planning to attend and NAVWPNCEN 12410.68 (Indi-

Anyone not yet a California resident should include a statement from Enrollment fees are \$5 per unit for the appropriate supervisor indicating one to nine units of credit. Students the negative impact to NWC of postenrolling in ten or more units pay \$50. poning the training until residency is

A DD Form 1556 is not required The Center will pay full tuition for for co-op students. Co-op students

DD Form 1556 (Request, Authoriza- tuition themselves or wait until fall Continuing students can register tion, Agreement and Certification of semester to register and resubmit the

Six soldering courses set

Four 24-hour high-reliability oldering courses will be held from une 1-3 from 7 a.m. to 4 p.m. and from 4 p.m. to 12:30 a.m. at 543 Graaf Street and Building 00459. Dorm 10.

These courses are for governent personnel needing recertifiation to WS-6536.

The requirements for the ourses are (1) previous soldering experience and (2) a current eye nation.

To be scheduled into a class, ontact the Soldering Technology Branch, Code 36814, 446-5571.

Two 40-hour high-reliability oldering courses will be held from lune 6-10 from 7 a.m. to 4 p.m. and from 4 p.m. to 12:30 a.m. at 543 Graaf Street.

These courses are for governnent personnel needing certification to WS-6536 as inspectors or operators.

The requirements for the courses are (1) previous soldering experience and (2) a current eye examination.

To be scheduled into a class, contact the Soldering Technology Branch, Code 36814, 446-5571.

MULTI BYTES

Your single source for a more Powerful Computer Rampage[®]--run up to 9 programs imultaneously. (RAMP286-512 \$333.40. SixPak Premium"--256Kb to 2MB. Multitasking/windowing software. Parallel/Serial Ports. (LIM) EMS compatible. #SPKP-256 \$229.40. AST-3G Plus--Emulates EGA, CGA MDA and Herc #3GPLUS-256 \$236.68 SAVE OVER 1/3 on other boards!



PCS-Bakersfield (805) 398-0843



Over 50 years of Quality Printing for our very satisfied customers. **CHALFANT PRESS** COMMERCIAL PRINTING

450 E. Line St. . Bishop, CA 93514 . (619) 873-353



- · LAYOUT
- COMPOSITION
- · CAMERA WORK
- SHIPPING

name and phone number.

Something Special home shop

Buy Now for Father's Day!

- Chess Computers
 Cribbage
- Backgammon
 Dominoes

& Much, Much More

Start Thinking About Your Favorite Grad! 108 N. China Lake Blvd. 375-9003

Civil Service Retirement JOIN NARFE TODAY!! National Association of Retired Federal Employees For information call 446-2989 to leave

HELP SAVE YOUR

May 13, 1988

DEBORAH

MARY

CONSUL

446-61

Rockerer 25

CLASSIFIEDS

	325 General Services
onday, Tuesday, and	IT'S PARTY TIME and C&C Productions
r Station, 133 Bal-	will provide DJ services for any occasion,
arion, or Sharon.	dances, wedding reception, parties, etc. Call Darren at 377-4304 or 377-4961.
BREWER	SPECIALTY WOODWORKING & ca-
BEAUTY	binets. Kent Birch. 375-3200.
TANT 39	333 Help Wanted
at Pearsons Towing,	BURGER KING is hiring cashiers & closers,
lys, 446-5360 nights	permanent part time, for all shifts. Apply in person at 139 N. China Lake Blvd.
at Pearsons Towing, ays, 377-4059 nights	337 Work Wanted
aya, orr-4000 mynus	CHILD CARE, loving mother of 2 offering care for your child in her clean home. Monday
as the latest fash-	thru Friday, full time only. 446-2242.
at reasonable prices. ated at 105 Grande	CHILD Care, full and part-time, any hours,
und.	weekdays or weekends, low prices. 446-7935.
ound	EXPERIENCED Housekeeper. Call
Stroop area of hous-	375-9585 and ask for Debbie. Will work
an, approx. 8 months	Mondays and Wednesdays.
6-4218.	GRANNY'S WORLD - Licensed day care home accepting children ages 1 - 3. Hours
A SALAR AND AND AND A	6:45 a.m 5:00 p.m. Located on base. Call
fts? Do you like to	446-4416 for more information.
you want to learn	LICENSED Day Care has 3 openings of any
hen call Dorothy at	ages. 446-5898.
e bible story. Call	RESPONSIBLE mother and grandmother to child sit under 2 years. Safeway area.
every Friday.	446-6228.
drinking or drug use	341 Appliances
ing you crazy? Call	KENMORE electric dryer, works great.
s has meetings on	\$100, call 375-7780.
nights from 7:30 to	NICE dishwasher, like new \$125. Call
. For more informa-	446-6918.
nds Sensibly. Come	349 Livestock
on - 803 Ellis or call	1979 CHAMPION gooseneck horse trailer, 7 x 18, asking \$3,500. 619-878-2015
tings start at 8 a.m.	(Independence)
Sensibly - is having	353 Miscellaneous
ary Wednesday at 6	For Sale
Lynne, 375-7593.	1984 LTD Crown Victoria, needs paint, \$3,000 or best offer. Call Doug at 446-2208
Mustang GT's for Club. Call 446-2743	\$3,000 or best offer. Call Doug at 446-2208
0100. 000 440-2745	evenings or weekends. 19 INCH Color RCA TV, \$150 or best offer.
1.	Call 446-4181 after 5 p.m.
ervices. Typing to	25 inch RCA Color TV console, \$150. Call
nes, 171's, research	375-6582.
uiling list and general 27.	
ping and removal,	
Ins. Free estimates.	1
sa sidia innaje	
vices	I CEDAR
alterations. Call for	,
3	
experience, Free	1615 . Downs St. #B
and painting, light I, drywall and roof	Ridgecrest, CA 93555
nd light hauling. All	hugeelest, en 10000
Lic. # 930472.	and and another
and the second	Conventional, VA
	& FHA
EVAC	State of the state of the second s
EXAS"	Financing Available
oile homes,	START USING THE
1¼ acres	EQUITY IN YOUR HOME
price.	80% CASH OUT
PAYMENT	
hly. 3 miles	Refinances

Pre Qual. Gladly given Anytime

Call Caroline Nilsen 446-4046 or 375-6893 Res.

353 Miscellaneous For Sale

6 MONTH Supply of guinea pig food, woo chips and cage, \$20; tire cables, fits 15 inch tires, \$35; am/fm car radio, \$15. 446-4821. ALUMINUM mag wheels for sale, 4 lug, \$300 or best offer, 446-4768

BASS FOR SALE!

Memphis bass, excellent condition! New strings, great for beginner, would definitely work for the intermediate to expert players. Includes bass, case, and cord. Mus seel \$275 or best offer. Call Pat, 375-3185. CASIO tone keyboard CT-360, \$120, Fet extras. Must see to appreciate; PSE Com pound bow set plus hard shell carrying case, \$275. Hardly used. Must see to appreciate. Call Jim at 375-6194 after 3 p.m. and eekends all day.

FOR Sale: front air dam and head light covers for any new Pontiac Grand Am, asking \$150 or best offer. 450 Hubbard Circle, Brian.

LARGE STOCK of new fuel pumps, water pumps and Goodyear hoses and belts. Pear-son's Auto Parts in Pearsonville. 377-4585. LOST A HUB Cap or need a set, head for Pearsonville, Hub Cap Capitol of the World. 377-4585.



353 Miscellaneous

For Sale NEW VW BUG windshield, \$39.95 and up. Pearon's Auto Parts in Pearsonville. 377-4585. SAVE \$\$\$ on auto parts, hub caps & windshields. Pearsons Auto Parts & Wrecking, Hwy. 395, Peasonville. 377-4585.

SPRINGTIME in Denver. Round trip from Ontario on Continental for \$150. May 12 May 17. Call 375-1231.

POSITION WANTED

Retired Registered PE desires full or part time position as China Lake Representative for Aero Space Company. Over twenty years at NWC and in community. Can work from home office or provide downtown office complete with receptionist, Xerox, FAX, conference room and all furniture included in one low price. Can work as consultant on an hourly or full time basis. Contact "Cartago" at (619) 375-1144





is back in stock

Administration.

quarter units)

systems of equations, interpolation

General Comments 1. Textbooks are available at bookstores locally.

May 13, 1988

2. Job-related courses other than those listed above or those offered under contract with Cal-State Chico or Cal-State Bakersfield must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training.

Scope: Number representation and For more information about any of basic concepts of error, numerical sol- these programs or classes, contact utions of non-linear equations and Cecil Webb at NWC ext. 2648.

May's soldering classes

County & Western Entertainer

JAMES LEE

901 N. China Lake Blvd. 446-7910

dering courses will be held May (1) previous soldering experience and 23-27 from 7 a.m. to 4 p.m. and 4 p.m.

MATH 477: Numerical Analysis (5

June 16-August 5; Thursdays,

1700-1930; Fridays, 1000-1200;

Training Center. By Professor

Mohamed El Ansary, CSB.

This course is for government per- To be scheduled into class, contact sonnel needing certification to the Soldering Technology Training,

to 12:30 a.m. at 543 Graaf Street. (2) a current eye examination.



LOEWEN'S

The World + Finest in Sight and Soun

Color TV - Stereo - Organs - Planos

Two 40-hour high-reliability sol- The requirements for the course are



Day camp planned

Children "moving on up" from grades one through six are eligible to attend the "Movin' on Up" Day Camp at the Youth Center this summer



24 Rocketeer

Because of the demand for Zenith Electronics

we are now stocking Zenith at Competitive Prices!

Dealers price. Model for Model, Deal for Deal...Plus

your new purchase today, while you shop around

We will match or beat any So. Calif. Electronic

30 day price guarantee ... You could be enjoying

LOEWEN'S "The Worlds Finest in Sight and Sound"

trying to beat our deal.

CAMERA SCHOOL

\$799

OPEN 7 DAYS

Mon.-Fri 10-7 Sat. 12-4 Sun. 12-5

225 E. Ridgecrest Blvd.

MAY

TENITH

Color TV-Stereo-Organs-Pianos

SONY

May 13, 1988

Scholarship applications to be taken

Applications are now available for scholarships provided by the Federal Employee Education & Assistance (FEEA) fund. Anyone wishing to apply should write to FEEA; 513 C Street, NE; Washington, D.C. 20002 or telephone (800) 338-755 or (202) 543-8685 to request the application.

The application must include: •An essay that describes a remarkable accomplishment by federal employees in the community. (Essay must be typed, double spaced and not exceed 500 words.)

 A written recomm employer, supervisor or com munity leader if applicant is a federal employee, or from a teacher, coach, school administrator or community leader of applicant is a dependent of a federal employee.

•The applicant's most recent transcript covering one full year of school. Current partial year's grades (i.e. most recent semester or quarter) must also be included. ·Copies of the applicant's scores on the American College Test (ACT), Scholastic Aptitude Test (SAT) or Graduate Record Examination (GRE), or other entrance examination scores as applicable.

•The federal employee spon-sor's most recent Standard Form 50 (available at personnel office). All FEEA programs are made possible with donations from federal employees in the Combined Federal Campaign. Federal employees can also give directly to FEEA by sending checks to FEEA; 513 C St., N.E.; Washington, D.C. 20002.

All materials must be submitted no later than June 1.

Cal-State Bakersfield announces summer schedule – Deadlines approaching

degree) programs. To enroll in these agement or equivalents. classes, submit an on-Center Training Scope: A terminal integrating examine some of the problems and Center. By Professor Paris, CSB. via department channels to Code 094. policy decisions with focus on the role Registration will be held at the first of the executive in planning and class meeting. Deadline for enrolling implementing programs. is 10 calendar days before the starting Note: This is a core course for the date of the class.

BA 490: Senior Seminar in Business ness Admi Administration (5 quarter units) ADM 477: Technology Transfer in

June 13-July 14; Mondays and Government (5 units) Thursdays, 1610-2110; Training August 2-September 1; Tuesdays

ness and Society, FIN 300: Financial NWC ext. 2049.

Management, MGT 300: Manage- Scope: This course provides an

offered this summer for the Cal-State Information Systems, MGT 302: transfer. A conceptual framework ADM 690: Seminar in Administra-Bakersfield Business (bachelor's Introduction to Operations Manage- within which the various players in tion (5 units) degree) and Administration (master's ment and MKT 300: Marketing Man- the technology transfer process will June 13-July 14; Mondays and

Request (NAVWPNCEN 12410/73) course. Analysis of a wide range of opportunities associated with the (Continued on Page 24)

bachelor's degree program in Busi-

Center. By Dean Kelsey, CSB. and Thursdays, 1610-2110; Train-Prerequisite: BA 370: Legal Envi- ing Center. By George Linstead, ronment of Business, BA 374: Busi- NWC ext. 1074, and Bob Glen,

ment and Organizational Behavior, understanding of the philosophy that

The following classes are being MGT 301: Quantitative Methods and underlies the concept of technology management of technology transfer.

be examined. This course will also Thursdays, 1610-2110; Training



The Rocketeer is Proud to Present the **1988** Grauation Tabloid A special Souvenir Edition

featuring every graduate from each of the High Schools in Ridgecrest & Trona

Don't miss out on your opportunity to let that Grad and your hometown school know how very proud you are of them!

Call the Rocketeer Advertising Department Today!

375-8808



