

**"I Treat You Like Family,
an' You Still Shop
Through the Mail?"**

**Announcing the Great
Mail Order Massacre!**

Just in time for Christmas!

**Primera Pro
Color Printer**

\$1499

Dual Dye-sublimation/ Wax Thermal Transfer Printing
600X300 DPI, Windows, Macintosh or Amiga Compatible
LocalTalk, Ethernet or Parallel Interface.etc.

New!

**Apple Personal
LaserWriter LS**

\$499

Unbeatable Price!

Power User Double Speed Mac CD ROM

\$269

**Purchase This CD ROM & Receive a
Kodak Photo CD Absolutely FREE!**

**Power Macintosh
6100/80Mhz**

**80MHZ
THE SPEED OF A
POWERMAC 8100
FOR LESS!**

\$2499

System Includes:

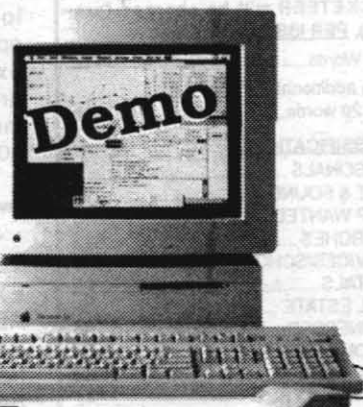
Beautiful New Color 15" 28
Flat Screen Display, 8Mb
RAM, 250Mb Hard Drive,
Mouse, Extended Keyboard,
& Built In Ethernet.

Accelerated to 80MHz!

Mac IIsi 9/40

System Includes :
New 14" Color Display,
Mouse, & Keyboard.

\$1199



Fedcom Computer Center
Authorized Service Center

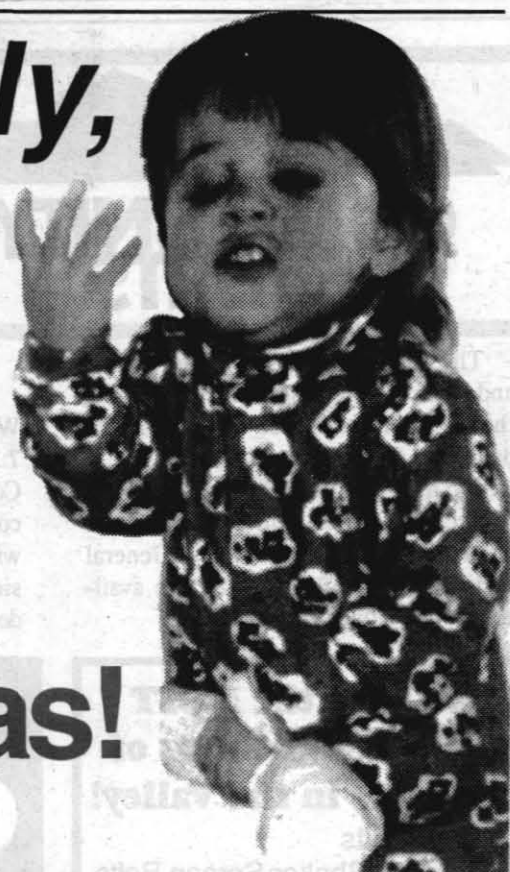
384-2000

Prices And Availability Subject to Change without Notice

InfoSystems
Authorized Dealer 384-2026

The Good Guys!

VISA/MasterCard/Discover



THE ROCKETEER

THURSDAY, DECEMBER 1, 1994

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 50, No. 24

CRIO's Carolyn Shoals recognized for designing NAVAIR CAO database

By Peggy Shoaf
Staff Writer

Knowing what you want is one thing. Finding out how to get what you want is something else. People planning the Naval Air Systems Command's new competency aligned organization knew they wanted one major team — made up of NAVAIR employees situated at a variety of sites, all aiming at one goal — providing efficient, quality service at the lowest price possible for its customers.

But how could the NAVAIR corporate staff and the competency planning leaders pull all its employees together to work as a team? One of the first things the staff needed to do was to gather information — how many NAVAIR employees work on what kinds of projects and at which sites. But gathering that data wasn't enough. They needed a tool they could use to analyze the information.

The Corporate Resources Information Office at the China Lake site of the Naval Air Warfare Center Weapons Division was tasked with providing such a tool. And early this year, the NAVAIR Competency Aligned Organization Database was developed, with Carolyn Shoals being the principal designer.

According to Mike Chan, head of the Corporate Resources Information

Office, for the past year Shoals has taken very sparse requirements, disorganized data and delivered several prototypes that were instrumental in the final design (also designed by Shoals) of the baseline data base being used for the transition to the competency aligned organization.

"The impact of this information resource has expanded well beyond its initial design as a resource tool for NAVAIR corporate staff and the competency planning leaders," Chan said. "It has provided NAVAIR, from the highest levels of management to first line supervisors, a vehicle to see the structure and relationship of the new organizational alignment down to individual employees."

Shoals said the main problem in developing the database was figuring out what kind of information the competency leaders wanted to analyze. "People know they want something, but it is very difficult sometimes for them to tell you what you need to provide them so they will be able to arrive at their destination," she explained. "When I started asking them what kind of report they would want out of this, then we really started getting to the requirements. They wanted information on such things as how many people work on the F/A-18, how many people are mapped into the

Please see **SHOALS**, Page 7



Photo by Margie Hammett

FIREFIGHTERS hoist anthropomorphic dummy out of water tank during mock confined space rescue. See Page 16 for story.

Events conspire to point misleading finger at Marines

By Peggy Shoaf
Staff Writer

What happened was like a one-two punch that got muddled up and people made certain associations that were incorrect," said Col. John J. Moyer, commanding officer of the Marine Aviation Detachment at China Lake. The MAD CO was talking about the recent stories in *The Daily Independent* and *The Rocketeer* claiming that the Marines were pulled from the annual Toys for Tots campaign due to a mistake made by a Marine in another part of the country.

What really happened was the new Joint Ethics Regulations (Standards of Conduct) was published on the heels of allegations that former Toys for Tots Foundation president Jerry King misused funds raised to buy toys. The group provides public relations and fund-raising support to the program on a national level but is independent of the Marine Corps' Toys for Tots.

Toys for Tots is a registered trademark phrase belonging to the U.S. Marine Corps Reserve.

"It was those two simultaneous, yet separate, events that got splashed on the wall at the same time and the ink ran together on them, and that is what caused people to misrepresent what happened," Moyer said.

While Moyer admits to not knowing how the foundation works, he said he does know that the U.S. Marine Corps' involvement in last year's campaign was "squeaky clean."

An article in the Nov. 21st issue of the *Navy Times* said "There was never any question about wrongdoing

Please see **TOYS**, Page 15

AD1 Chris Cook lauded for heroism in flight

Buffalo flight engineer receives Navy
Commendation Medal for saving
civilian jumpmaster

3

LCdr. Steve Burris member of winning team

HARM project officer and other
students take first place in AIAA
aircraft design competition

8

Ten take team tribute in KTM transformation

Group is recognized for developing
computer-in-the-loop, electro-optical
tracking instrument

10



Weather

	High	Low	Gusts	Humidity
Nov. 16-22				
Wed	54	42	35	45-19%
Thurs	53	31	42	51-23%
Fri	54	37	22	—
Sat	61	30	10	—
Sun	63	21	8	—
Mon	65	23	10	52-17%
Tues	67	30	14	47-16%
Nov. 23-29				
Wed	66	22	4	52-15%
Thurs	61	22	5	—
Fri	67	26	25	—
Sat	59	25	26	—
Sun	58	20	11	—
Mon	60	19	6	52-16%
Tues	65	22	6	52-15%

China Lake Calendar

Thursday, Dec. 1

•Karaoke Night, Seafarer Club, 8:30 p.m.

Friday-Sunday, Dec. 2-4

•Racquetball Tournament, NAWS Gym, Call 939-2571 for more information.

Saturday, Dec. 3

•NAWS China Lake Fire Division starts burning down the old duplex houses on Station

Thursday, Dec. 8

•Government auction of surplus goods, 7:30 a.m., Building 1073, Warehouse 41

Monday, Dec. 26

•Holiday

Monday, Jan. 2

•Holiday

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION

COMMANDER

RAdm. Dana B. McKinney

VICE COMMANDER

Capt. Roger K. Hull

NAVAL AIR WEAPONS STATION CHINA LAKE

COMMANDING OFFICER

Capt. Charles A. Stevenson

Public Affairs Officer

CATHY PARTUSCH

Managing Editor

STEVE BOSTER

Editor

BARRY McDONALD

Staff Writer

PEGGY SHOAF

Staff

KATHI RAMONT

Photographer

MARGIE HAMMETT, TID

Published by High Desert Newspapers, Inc., 224 East Ridgcrest Blvd., Ridgcrest, CA 93555, (619) 375-4481

This commercial enterprise (CE) newspaper is an authorized publication. Contents of THE ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc.

The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Air Weapons Station, China Lake. Correspondence and material for publication should be addressed to: Editor, THE ROCKETEER, Code C28033 (750000D), Naval Air Weapons Station. Phone: 939-3354. FAX: 939-2796

Deadline for receiving stories and photos is 4 p.m., Wednesday the week before publication. Published by High Desert Newspapers, Inc., a private firm in no way connected with the DoD or U.S. Navy, under exclusive written contract with the Naval Air Weapons Station, China Lake. This commercial enterprise newspaper is an authorized publication for members of the military services. Contents of THE ROCKETEER are not necessarily the official views of, or endorsed by the U.S. Government, the Department of Defense, or NAWS, China Lake. The appearance of advertising in this publication, including inserts and supplements, does not constitute endorsement by the Department of Defense or of the products or services advertised. Everything advertised in this publication shall be made available for purchase, use, or patronage without regard to race, color, religion, sex, national origin, age, marital status, physical handicap, political affiliation, or any other non-merit factor of the purchaser, users, or patron. A confirmed violation or rejection of this policy of equal opportunities by an advertiser will result in the refusal to print advertising.



The Commanding Officer's Desktop

By Capt. Charles A. Stevenson
NAWS Commanding Officer



As the commanding officer of NAWS China Lake, it is my privilege to endorse the MWR Holiday Program, "Get Into the Holiday Spirit With MWR." With the addition of a snow skiing trip (set for Dec. 22, for military personnel) and a military discount shopping day (held Nov. 18), this year's program continues the fine tradition of MWR holiday programming excellence.

The men and women of our Armed Forces dedicate their lives to protecting our country and promoting world peace. Since they are removed from their home towns, it is our intent to make all forms of recreation available and to make their stay a pleasurable experience in our community. In this spirit, MWR has worked diligently on a package of activities designed to offer our military and Department of Defense employees, and their family members, an opportunity to enhance their leisure needs and quality of life this holiday season. Have a safe, memorable and joyous holiday.

(Editor's note: See "The Insider" in this issue for more information about MWR's holiday program.)

Fire Division to burn old duplexes in training drills

Starting this Saturday morning, Dec. 3, and continuing for the next eight Saturdays, the Naval Air Weapons Station China Lake Fire Division will be burning down duplexes scheduled for demolition. The first set of duplexes to be burned will be the ones on the corner of Mitscher Road and McIntire Street.

The Fire Division will use the "controlled burns" as fire protection training exercises.

To The Editor

'Diatribe' was unprofessional

Mr. McDonald:

I was sorry to read your antagonistic response to the employee in Michelson Lab who returned a bundle of Rocketeers due to "his" perception that they were not needed and a waste of paper. I would agree with you that "his" approach was inappropriate. Your response, however, was also unprofessional, offensive, and inappropriate. You might have explained the policy of *The Rocketeer* in a clear, straightforward way, which you did later in your response, and spare us your diatribe on "machismo" and your sexist remarks about the "feminine persuasion."

Jay Butterworth

Editor's Note: We appreciate Mr. Butterworth allowing us to print his letter, which was not originally intended for publication. While this was not the only negative response to the column, there were also some positive ones. As a result of the column, we received a number of calls requesting that papers be delivered to new codes and for adjustments in the numbers delivered to some others, which ultimately was the reason for the piece. For those still needing to make changes, please call us at 939-3354 or 939-0654. As always, we welcome letters to the editor, comments and suggestions for ways we can improve your paper, but please include your name!

TROUBLE?

• Facilities • Utilities •
• Grounds •

CALL

Public Works Trouble Desk
939-2268

Pages From The Past

Nov. 30 & Dec. 7, 1984

Led by Ron Smith, 15 members of the IWW SAR Team rescued an injured motorcyclist from an abandoned mine shaft after an accident last week. . . . Oscar Perkins, a retired China Laker, recorded his 1,000th mile of lap swimming at NWC's indoor pool over a 14-year period. . . . The best ever CFC drive ended at China Lake with \$193,000 raised. . . . The newly formed Information Systems Group (Code 14), a staff division department, is headed by Bill Ball, a recent Sloan Fellow returnee to NWC.

Nov. 29 & Dec. 6, 1974

As he retired from a China Lake career that began as a sailor in 1944, Ed Price received the Navy Superior Civilian Service Award, the Navy's second highest civilian award. . . . Jim Reiger, Pat Leopard and Jack Lindsay are leading the \$100K TV Booster Fund Drive effort. . . . A NAF helo flown by LCdr. M.A. Rij got Engineering Department employee Steve Griffith to life-saving medical treatment just in time late last month. . . . The B Mountain Star is the only outside Christmas lighting at NWC this year due to energy conservation efforts.

Nov. 27 & Dec. 4, 1964

Led by the Test Department and Dr. I.E. Highburg, China Lake is developing a missile digital ranging system to replace analog systems on U.S. warships. . . . French military representatives met with China Laker, including Ray Nelson, to discuss high speed track operations. . . . Paul Driver, Charles E. Hendricks and Donald D. Stevenson were awarded a patent for a soft-land space vehicle that may be used in the U.S. moon probes. . . . Stan Mutchler was named to a national leadership post with the Veterans of War War I organizations.

Dec. 3 & 10, 1954

Dr. E.I. Ellis, one of the Station's pioneers, is leaving NOTS after nine years to join Rheem Corp. to continue ordnance R&D. . . . David Colpitts was elected president of the Christian Businessmen's Club of the IWW. . . . Mrs. Marian Olds is the new president of the China Lake Community Council. . . . Cdr. James Hardy has been assigned to NOTS as the assistant experimental officer. . . . Former NOTS Technical Director, Dr. L.T.E. Thompson, was a China Lake visitor last week.



The Burroughs High School Music and Drama Departments are presenting their 1994 Renaissance Dinner on Friday, Dec. 9, and Saturday, Dec. 10, at 6:30 p.m. in the BHS Multi-Use Room. A five-course meal will be served with entertainment by the students. General seating tickets, \$25 and \$20, are available at the Village Bookshelf.

Cerro Coso Choir will present its Winter Concert on Saturday, Dec. 3 at 7:30 p.m. in the Cerro Coso Community College Lecture Hall. Lois M. Ward will conduct the concert and Dee Richards will be the piano accompanist. Admission to the concert is free, however, donations to the Fire Mountain Founda-

tion, for the CCCC Choir Fund, will be accepted. For more information, contact the college at 375-5001.

On Thursday, Dec. 1, the Nuclear Whales Saxophone Orchestra will appear at the NAWS Theater at 7:30 p.m. as the second concert of the 48th Season of the Indian Wells Valley Concert Association. The Whales will put on a students' program at 10 a.m. on the same day for the student body of Murray Jr. High School. For ticket information call 375-5600.

On Dec. 13, WACOM will hold its December meeting at the Seafarer Club, beginning with a social time at 11 a.m.

and the luncheon at 11:30, followed by a performance by popular recital artist from Southern California, Adrien Raynier. Reservations are required and may be made by calling 375-5434.

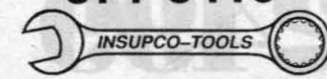
On Dec. 5 and 19, the Kern County Health Department, 250 W. Ridgcrest Blvd., will hold immunization clinics from 9:30 to 11 a.m. and from 1 to 2 p.m.

The charge for each immunization is currently \$3, with a maximum charge of \$15 per family per visit. Credit cards, insurance forms, and large bills will not be accepted. Medi-Cal stickers will be honored. For more information, call 375-5157.

We have the MOST EXTENSIVE Stock of fasteners in the Valley!

- Plow Bolts
- Carriage Shaker Screen Bolts
- Hex Cap Screws
- Anchor Bolts
- Acoustical Lag Screws
- Elevator Bolts

371-3419



731 W. RIDGECREST BLVD.
FAX: 371-3422

VIDEO GAMES!

Largest Selection in town
3DO - JAGUAR - 32X
Stop in Today

BBE 214 Balsam & 216 Balsam
371-7670

SF-171s RESUMES

PROFESSIONALLY WRITTEN
ONE PRICE
COMPLETE SATISFACTION

WESTERN RESEARCH

CIVIL SERVICE EMPLOYEES,
MILITARY PERSONNEL
AND CONTRACTOR EMPLOYEES
ARE OUR SPECIALTY

Art Preston
(805)984-7173

Email:
preston@rain.org

MITSUMI IDE CD-ROM

- double speed high performance operation
- 250 ms access time
- powered tray loading
- double shell dust-sealed mechanism
- 300KB/s transfer rate
- standard 1/2 height 5 1/4" internal drive
- multimedia MPC-2 compliant

In Stock You Save \$90 **\$139**

MicroLink
225 Balsam Street
619/371-3535



ROCKETEER CLASSIFIEDS

TO PLACE AN AD CALL 375-4481

ALL ACTIVE RETIRED MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE!

NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged (pre-paid), PER ISSUE, as follows:

1-20 Words.....\$2.00 Flat
Each additional word after 20 words.....10¢ each

CLASSIFICATIONS

PERSONALS.....1
LOST & FOUND.....5
HELP WANTED.....10
CHURCHES.....12
SERVICES/SCHOOLS.....15
RENTALS.....20
REAL ESTATE.....25
BUSINESSES.....30
AUTOMOTIVE.....35
MISC. FOR SALE.....40
WANTED TO BUY.....42
PETS & SUPPLIES.....45
GARAGE SALES.....50

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M. THE MONDAY BEFORE PUBLICATION

OR DROP IT BY THE DAILY INDEPENDENT
224 East Ridgcrest Blvd.

1 PERSONALS

IS YOUR WEIGHT A CHALLENGE? Meet the challenge and it with fast results! 100% money back guarantee. Call now! 1-800-646-3004 (1215)

DREAMS DO COME TRUE! Stay home, lose weight & make money! International weight loss/management company opening in 23 countries looking to expand within the U.S. and around the world! Call now for more information - 10800-646-3004. (1215)

10 HELP WANTED

EXECUTIVE SECRETARY ADMINISTRATION DEPT. North American Chemical Company has an opening for an Executive Secretary. Duties include general office support, scheduling, basic invoice accounting, filing, composition, correspondence, information routing and project tracking capabilities. 3 to 5 years of related exp. required. Must be proficient with PC programs such as Word Perfect, MS Word, Lotus and Excel. Occasional overtime required. College degree preferred. Full salaried position with benefits including Medical & Dental Insurance and a Savings

Investment Plan. An EEO/AA Employer. MF/DV encouraged to apply. If interested please register with the California Employment Development. at 540-C Perdew, Ridgcrest, 446-2593. (1130)

20 RENTALS

QUIET COUNTRY INN atmosphere, 2 miles from main gate, cool, clean units furnished for your comfort. Affordable rates. Allen's Mtn. View Motel. 1445 W. Inyokern Rd., Ridgcrest, 446-6209. (tf)

XTRA NICE 2BR \$335/mo. super kit, lg. yd., gar. 446-4810. (1130)

\$595 3BR, FamRm, kitchen. 2BA, xtras, dbl gar. Nr base, nr Heritage. 446-4810. (1130)

25 REAL ESTATE

3 YR. OLD HOME in great neighborhood! 3BR, 2BA, FP, living & family rooms, DW, xeriscape front yard, finished (no maint.) backyard, RV access, upgraded (1-1/2 yrs. old), carpet throughout, garage door opener, ceiling fans, 10x12 shed, near school, work bench in attached garage, and if that's not enough...there's enough fire wood stacked in back for the next two winters! 428 Ashton, assume 8-

1/2% loan / VA \$1 down / VA or FHA. Only \$90,900, 384-1084. (tf)

FIREPLACE for the holidays! Spacious 3BR, 2BA, lg. kit/din rm, dbl. gar. SUPER! 446-4810. (1130)

\$57,500 DARLING 3BR Nr Gateway, 2BA, lg fl plan, gar, fnced. Allen Realty 446-4810. (1130)

30 BUSINESSES

CHAMPUS SUPPLEMENT retired and active duty military. Great benefits at reasonable cost. Call 619-371-3900 for free information.

MAJOR MEDICAL PLAN for non-civil service persons. Children only, adults and family plans. Permanent and temporary coverage at affordable cost. Call 613 371- 3900 for free information. (1215)

40 MISC. FOR SALE

SINGER SEWING Machine & walnut cabinet \$300, Borg-Warner T-10, 4 spd. \$400, Edel Brock high rise & Holly 600 for 289-302 \$125, Little Tikes picnic table & teeter totter \$15/ea. 446-3917. (tf)

BOYS TODDLER/CRIB bedding set NFL football \$10, kids' Halloween costumes cheerleader size 2/3, pirate size 4/5 \$5/ea. 375-5117. (1130)

DISNEY BABY NURSERY - bumper pads, sheets, comfortor, soft activity center, musical mobile (plays "It's a Small World"), Wall hangings. Retail \$125 selling \$60. 375-5117. (1130)

45 PETS & SUPPLIES

FREE, NEUTERED DOG "Bear" 1 yr., black lab, shots & dog training. 446-2025. (tf)

FREE SPAYED DOG "Hannah" 2 yrs. old, Shepherd mix, good w/kids & baby. 446-2025. (tf)

CLASSIFIEDS GET RESULTS

GIFTS from Page 21

provide access to information and instructions if power is out.

\$10-\$20

Duffel bag or backpack: To store items that comprise an earthquake kit.

Multipurpose ABC-type fire extinguisher: To help combat small residential fires that might result from downed power lines, damaged wiring in appliances, or other causes since firefighters may not be available for at least 72 hours.

Hand tools: Wrenches, crowbars, pliers, screwdrivers, etc., to help turn off utilities, remove debris, etc.

Over \$20

Camp stove or barbecue: To facilitate outdoor cooking should gas leaks or other

factors make cooking indoors impractical.

Commercially made earthquake kit: for home, office or car.

First aid kit (for one) and book: To treat cuts, burns, abrasions.

Lantern: To provide emergency lighting.

Portable generator: To provide emergency power.

Sleeping bag: To provide warmth and comfort if outside sleeping is required due to a damaged home.

Sturdy shoes: To protect feet from broken glass and other sharp objects.

Tent: To provide protection from rain, wind and other environmental elements.

Recordable CD

The next generation recordable CD-ROM system is here from the premier optical drive manufacturer. Writes standard formats for audio, video & data. Ideal for backup and for multimedia development. Comes with backup software. Adaptec SCSI controller for PC \$159.

Pinnacle RCD-1000 just **\$1,899** Mac or PC media just \$27.95 (less in quantity)

Pinnacle Micro Preferred Dealer
THE OPTICAL STORAGE COMPANY

Computing Technology's
Computer Store
251 Balsam St. 375-5744

ATTENTION NAWs

Video Equipment Repair & Sales
We also sell video tapes, parts and accessories.
For service or sales call Buck Daugherty
Base Credit Cards & PO's Welcome
Call Today!
VTS VIDEO TECHNICAL SERVICES
131 N. Balsam
384-1645 - Fax 384-1648

Blood substitute is being developed

Bethesda, MD (NNS) — A promising blood substitute, Liposome Encapsulated Hemoglobin (LEH), that closely mimics red blood cells, is being developed by a group of Navy, academic and industrial scientists at the Naval Medical Research and Development Command (NMRDC). This oxygen-carrying protein resuscitation fluid, encased in microscopic droplets, can be prepared as a liquid or a freeze-dried product.

"The Navy has had long-standing requirements that document the need for blood products (red blood cells and platelets) and blood substitutes aboard ships and for combat casualties," said

NMRDC's Capt. Sheila R. Weinberg, MSC. "The blood substitute LEH can be produced in virtually unlimited quantity, free from contamination by all disease-causing organisms, has a longer shelf-life than fresh donated blood and requires no cross matching prior to administration."

Operationally, the successful development of an artificial oxygen carrying resuscitative fluid would reduce the need for donated blood and reduce complications associated with blood banking and ease logistical burdens associated with blood delivery in the field.

ORDER TODAY • ORDER TODAY • ORDER TODAY •**486dx66 8/420**

VESA 486dx66 INCLUDES:
• 8MB RAM • 420MB Hard Drive
• 14" SVGA NI Magilronic Monitor
• DOS 6.2.1
• Windows 3.11
• 1MB Video Card
• 1.44MB 3.5" FDD
• VLB IDE I/O Card
• Mid Tower Case
• Mouse
• 101 Keyboard

\$1429
Prices subject to change

MicroLink
225 Balsam Street
619/371-3535

We're a full HP dealer offering almost every HP computing product calculators to computers.

HP LaserJets are known for having more features & quality than other laser printers and the HP LaserJet 4V and the 4M are available now: 16ppm, up to **11 x 17"**, 600 x 600dpi & many other enhancements. Popular models are **in stock: \$1,949** for 4V, **\$2,699** for 4M. Some other HP LaserJets: HP 4L **\$589**, HP 4P **\$999**, HP 4 Plus **\$1,489**, HP 4M Plus **\$1,929**, HP 4SI only **\$2,999**. *\$689 less \$100 rebate.

Authorized Dealer **HEWLETT PACKARD**

Computing Technology's
Computer Store
251 Balsam St. 375-5744

• IN STOCK • IN STOCK • IN STOCK • IN STOCK •**LaserWriter Select 310**

The absolute best price on the market. Five pages per minute, Postscript printing!

You Save **\$359**
\$599
Order Today!

MicroLink
225 Balsam Street
619/371-3535

NEW! NOW RENTING

Studio Units, 1 Bedroom, 2 Bedroom - 2 Bath, 3 Bedroom - 2 Bath. Swimming pool, on site laundry and/or hookups.

CALL NOW RENTING QUICK!
NORMA STREET APARTMENTS
800 S. NORMA • 371-1692

Commercial & Industrial Electronics Gov't VISA - Purchase Order - BPA A Small Business Enterprise

- Augat
- Alpha Wire
- Corner
- Winfield
- Dale/Viskay
- HC Power
- OK Industries
- Philip's Signetics
- PMI
- Powerex
- Square D
- Stancore
- Xilinx
- Dallas Semiconductors
- Data & Voice Networking Products
- Tripp Tite
- Bendix

ALL YOUR ELECTRONIC NEEDS!

L'S Enterprises
Next to Chief Auto Parts
904 N. China Lake Blvd. • 446-4007

AD1 Chris Cook gets Navy Commendation Medal for heroism

Strictly routine. That is all AD1 (AW) Chris Cook expected last January while on a training flight aboard a UC-8A Buffalo out of Pope Air Force Base, N.C. Before the flight was over, Petty Officer Cook had saved a life and earned the Navy Commendation Medal for his efforts.

RAdm. Dana B. McKinney, commander, Naval Air Warfare Center Weapons Division, presented the medal to Cook in a ceremony held in the admiral's office.

"It's a real pleasure for me to make this presentation," said McKinney as he pinned the medal on Cook's uniform. The newly commended sailor responded saying, "I was just doing my job."

The medal was the result of Cook's quick thinking and willingness to risk his personal safety to save the life of an Army civilian jumpmaster, according to the nomination for the award.

The citation accompanying the medal says, in part, "Petty Officer Cook's acute situational awareness and immediate reaction were directly responsible for saving the jumpmaster from a potentially fatal situation."

As the Army jumpmaster prepared to drop a 200-pound torso dummy from the left door of the Buffalo, at an altitude of less than 1,000 feet, part of his reserve

parachute deployed and was sucked out the door into the airstream. This knocked the jumpmaster to the deck and pulled him partially out the open door.

Cook, secured to the aircraft only by a gunner's belt, and not wearing a parachute of his own, lunged for the victim's legs and kept him from being fully pulled out of the Buffalo. The assistant Army jumpmaster cut away the victim's parachute and moved the torso dummy so he and Cook could pull the jumpmaster back into the aircraft.

According to the nomination, the victim was badly injured and probably would have plummeted, unconscious, to the ground. Even if he had been able to deploy his main chute, the low altitude would have likely resulted in additional injuries.

Cook said it was a scary situation and that luckily only the pilot portion of the parachute deployed. "If the full chute had deployed, I don't think there is any way we could have kept him from being pulled out of the aircraft," Cook told McKinney and others who attended the ceremony.

After pulling the jumpmaster back into the aircraft, Cook and others administered first aid as the Buffalo returned to Pope AFB and a waiting ambulance.

Nine Sailors stationed at China Lake make chief petty officer rank

New Navy chief petty officers were announced on July 5, 1994. Nine former first class petty officers stationed at China Lake were initiated into the chief's fraternity and received their golden anchor collar pins on Sept. 16.

Candidates eligible for promotion are given a written test. Those who pass within the cutoff score are certified as board eligible. Candidates' service records are then submitted to further narrow the choices. Promotions are determined for each rate from those with the highest scores; test plus service records.

Of the 644 aircraft ordnancemen (AOs) eligible Navy-wide, 101 were selected for promotion. Four of these chiefs are stationed at China Lake. Also stationed at China Lake is one of the 52 aviation structural mechanics (structures) (AMSS) selected from a total of 1,005 eligible Navy-wide, one of the 56 aviation machinist's mates (ADs) selected from a total of 750 eli-

gible Navy-wide, and one of the 136 mess management specialists (MSs) selected.

AOC (AW/NAC) John Robert Schatz is a helicopter rescue swimmer. His duties include mountain rescue work. He began his second tour of duty at China Lake in January 1993. His first tour was from 1980 to 1983. Schatz is a 15-year Navy veteran.

AOC (AW) Dennis Ray Quillen, Line Division chief of the Weapons Test Squadron (WTS), earned his promotion while working in safety maintenance. His current duties involve maintenance control on the hot line. He began his tour of duty at China Lake in August 1993. Quillen has been in the Navy for more than 15 years.

AOC (AW/NAC) Stephen Joseph Varga, Jr., Quality Assurance Division chief of WTS, is responsible for the quality assurance (maintenance) of all systems on the A-6 and F/A-18. He began his tour of duty at China Lake in September 1992. Varga was the Navy League's Blue-

jacket of the Year last year and has been in the Navy for 13 years.

AOC Wayne Mark Pavlis, an explosive ordnance technician, was responsible for managing and maintaining documentation on all explosive devices. He was transferred to Englewood, Texas, in September.

AOC (AW) Brian Scott Fierro was the leading petty officer responsible for new weapons testing and fit checks. A Bluejacket of the Year candidate last year, he was also a member of the NAWs Honor Guard until his transfer to VFA-113 in October.

AOC (AW) Timothy James Lynch, Ordnance Shop LPO, was administratively in charge of 40 people. His tour of duty at China Lake was from October 1992 to September 1994. He has been transferred to USS Independence.

AMSC (AW) Alfredo P. Baysa refers to himself as a

Please see **CHIEFS**, Page 6

MILITARY NEWS

Photo by Margie Hammett

HERO—RAdm. Dana B. McKinney shows off the Navy Commendation Medal he presented to AD1 (AW) Chris Cook last week.

Cook, who was the flight engineer for the same Buffalo at China Lake before it went to Pope in August 1993, is leaving NAWCWPNS this week for his new duty station, Fleet Air Reconnaissance

Squadron Three at Tinker AFB in Oklahoma City. His wife and daughter were present for the ceremony as was Capt. Roger K. Hull, NAWCWPNS vice commander.



AOC John Schatz



AOC Dennis Quillen



AOC Stephen Varga



AOC Wayne Pavlis



AOC Brian Fierro



AOC Timothy Lynch



AMSC Alfredo Baysa

3 Months FREE Sale
FINANCING NO MONEY DOWN
EVERYTHING STOREWIDE

As Low As **\$15** A Month!
1/2 CARAT \$279 of Diamonds only

As Low As **\$20** A Month!
ONE CARAT \$599 of Diamonds only

As Low As **\$40** A Month!
TWO CARATS \$1199 of Diamonds only

As Low As **\$45** A Month!
Round & Baguette \$1399 Diamonds only

As Low As **\$15** A Month!
ONE CARAT \$299 of Diamonds only

As Low As **\$60** A Month!
Marquise & Baguette \$1899 Diamonds only

EVERYTHING STOREWIDE 50-60% Off Storewide

FREE FINANCING On Hundreds Of Items!!

Jewelry to Go 14KT GOLD
115 E. California Ave. • 371-1308
Store Hours: 10-5:30 M-F; 10-4 Sat.

Chapel Call

Chaplain Corps celebrates 219th

Submitted by LCdr. T.F. Mele, CHC, USN
Command Chaplain

Nov. 28 marked the 219th anniversary of the United States Navy Chaplain Corps. Navy Chaplains have been a part of the history and tradition of the Navy since the American Revolution. Officially, the Chaplain Corps was instituted on Nov. 28, 1775. Navy Regulations, Article 0727, commits the command to providing "worship services" for Navy personnel.

In the exercise of its responsibilities, the Chaplain Corps is to provide for the free exercise of religion for all members of the sea services, their dependents and other authorized persons by providing ministries appropriate to their rights and needs and by providing the staff support to this end throughout the Department of the Navy.

While chaplains provide ministry as defined by the particular religious body

they represent, as Navy chaplains, the scope of ministry includes supporting all persons, regardless of race, faith, creed, national origin or social status, in the free exercise of their religious faith. The challenge is to bring unity out of diversity and to develop a Command Religious Program that will — through lay volunteers, chaplains and civilian clergy — provide for religious worship, ritual acts and religious education and training.

Throughout their history, Chaplains have served and continue to serve wherever members of the sea services are found. Whether in war or in peace, with the Navy, Marine Corps, Coast Guard or Merchant Marine, you will find the Navy chaplain serving those who serve our country.

Happy Birthday Chaplains!

Catholic congregation seeks volunteers to help serve Christmas Day dinner to needy

The NAWS All Faith Chapel Catholic Congregation is spearheading an effort to provide Christmas Day dinner for our neighbors in need.

Your help in reaching out to both our military and civilian neighbors is vital. Could you help provide the following: food donations, food preparation, food serving, dishwashing, transportation,

monetary donations, meal set-up and meal clean-up? Volunteers needed for Christmas Eve, Christmas morning, two shifts Christmas afternoon and with Christmas evening clean-up. For specific details, or to volunteer, please call Agnes Winter at the All Faith Chapel at 939-2773. Project officer is Chaplain Tom Mele.

The Retired Officers Association gives interest-free loans to dependents for college

Alexandria, Va.—During the 1994-95 school year, 800 students received \$2,000 interest-free loans from the Retired Officers Association (TROA) Educational Assistance Program. These loans are awarded annually for up to five years of undergraduate study to unmarried undergraduate students, under the age of 24, who are dependent children of active, reserve and retired service personnel and their surviving spouses.

Students can obtain up to \$10,000 of interest-free support, so the competition for these loans is keen. For the 1994-95 school year, some 2,000 students competed for 250 openings. Of the 800 students receiving loans, 160 received special \$500 grants in addition to the loans. Since this program was initiated, some 4,300 students have received interest-free

loans, totaling more than \$14.9 million. The TROA Educational Assistance Program, established in 1948 for the sons and daughters of retired officers and their widows, has expanded to include the children of active duty, reserve, National Guard and retired officers, warrant officers and enlisted members of the Army, Navy, Air Force, Marine Corps, Coast Guard and other agencies.

Applications for the 1995-96 school year are now available. Applications should be requested by Feb. 15, and the completed application must be postmarked on or before March 1. For applications and more information, write to TROA Educational Assistance Program Administrator (09D), 201 N. Washington St., Alexandria, Va. 22314-2539, or call 1-800-245-TROA (8762), ext. 169.



Photo by Margie Hammett

GRAND TOUR of the Weapons Exhibit Center for the All Faith Chapel's Cub Scout Pack 341, was hosted by Scoutmaster Capt. Andy Ritchie, NAWS PW officer (top left), Cdr. Gregg Howard, NAWS XO (top right), and Milt Burford, Corporate Operations Competency leader (not shown) recently. The PW and XO show off the A-4 cockpit simulator above.

NEX News

Christmas trees

Christmas trees are on sale at the Naval Air Weapons Station Navy Exchange. Prices range from \$15 to \$30. The Douglas Furs can be picked up at the NEX Flower Shop (located on Richmond Road wing of Bennington Plaza) from 9 a.m. to 6 p.m. Monday through Saturday and from 9 a.m. to 4 p.m. on Sunday.

New mechanic

The NEX Autoport has announced the addition of Joe Walker to their staff. Walker brings 15 years experience as a mechanic on autos, trucks and RVs to the job with factory training from Ford, GM and imports.



Disaster supply gifts

Submitted by Larry Stensaas
Disaster Preparedness Coordinator

Are you having trouble deciding what to get a family member, friend or co-worker for the holidays or an upcoming birthday? If so, a survival gift might be the answer, especially for someone who hasn't already bought or assembled their own emergency preparedness kit. Flashlights, portable battery-operated radios, first aid kits and other emergency supplies will be valuable after a damaging earthquake since people living in the affected area may have to rely on themselves for at least 72 hours.

Make a list of persons for whom you're going to buy or assemble survival gifts. List what you think everyone needs. Depending on your financial situation and the needs of the people on your list, you might get them one item or an entire kit. You can also coordinate with other relatives, friends and co-workers to buy different emergency supply items or to assemble kits as a group project, with each participant contributing one item to the kits.

Suggested gifts and approximate price ranges
Less than \$5
Bottled water: For drinking
Emergency flares (set of four): To

warn approaching vehicles that a car is stopped or abandoned.

Local maps: To help guide the user if an alternate route home or to an emergency shelter if needed.

Manual can opener: To open canned goods in an emergency food supply.

Nonperishable food: Dried fruit, unsalted nuts, and other high-energy foods to provide nourishment and energy.

Safety lightsticks: To provide light, especially good for use by children.

Whistle: To signal, attract, or call for help in an emergency.

Books, games, toys: To provide comfort to children after an earthquake.

Comfort and personal hygiene kit: Surgical gloves, mouthwash, toothbrush and toothpaste, wet wipes, etc.

Flashlight spare bulb, and batteries: To provide light if power is out or the user needs to walk home at night.

Heavy leather work gloves: To protect hands from sharp objects and debris.

Pocket knife: To cut rope or other materials.

Portable battery-operated radio: To

Please see **GIFTS**, Page 22

90MHz Pentium

66MHz Pentium on sale, \$1,879

True Intel 60 to 90MHz P5 Pentium 64-bit CPU plus VESA bus makes this the fastest X86. We offer a wide variety of cost-effective ways to full Pentium performance including:

- Upgrade to a Pentium motherboard with VESA high-performance IDE hard disk controller, three empty VESA slots, with 4MB RAM, one parallel & two serial ports 60MHz just \$899. 66MHz is \$999 and 90MHz is \$1,329.
- Complete Pentium tower system with 340MB high-performance hard disk drive and VESA controller, 4MB RAM, parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024 x 768 x 256-color VGA monitor & very-high-performance VESA S3 Windows accelerator VGA card, Windows 3.11 & mouse, DOS 6.22, enhanced keyboard, two or three empty VESA slots. 3-year, no-hassle parts and labor warranty. 60MHz only \$1,779. 66MHz is \$1,879. 90MHz is just \$2,179. [I'm using a 90MHz Pentium right now. If you need power, a Pentium really can increase your productivity. I recover its additional cost as savings in my time every month.]

Computer Store
251 Balsam St. 375-5744 True Intel 90MHz Pentium power

ALTRUSA HOLIDAY HOME TOUR, BAZAAR & BAKE SALE

HOME TOUR — Saturday, December 10th • 12-4

Tickets: \$10.00 per person, maps inside tickets.

Tickets available at the following locations:

Coldwell Banker Best Realty, Corny's Shoes, Lindsay's Furniture, S.A.S.S., TOSS, Service Master, The Village Bookshelf, Burger King, Copies Plus, and In Touch Physical Therapy. Tickets will also be available at the Bazaar on the day of the tour.

CRAFT BAZAAR & BAKE SALE

Where: Grace Lutheran Church, 502 N. Norma Street
When: Sat., December 10th, 10:00 AM to 5:00 PM
The Bazaar is open to the public and admission is free!



YOUR JEWELRY HEADQUARTERS

<p>\$29 Reg. \$49 W63</p>	<p>\$44 Reg. \$75 W64</p>	<p>\$179 Reg. \$289 Men's W67</p>	<p>\$69 Reg. \$109 14K W65</p>	<p>\$84 Reg. \$119 14K W66</p>
<p>CHANNEL SET DIAMOND ANNIVERSARY BAND 1/4Ct. t.w. Reg. \$499 \$299 1/2Ct. t.w. Reg. \$899 \$599</p>	<p>ROUND DIAMOND ANNIVERSARY BAND 1/4Ct. t.w. Reg. \$499 \$329 1/2Ct. t.w. Reg. \$1049 \$699</p>	<p>MARQUESE DIAMOND ANNIVERSARY BAND 1/4Ct. t.w. Reg. \$599 \$399 1/2Ct. t.w. Reg. \$1199 \$799</p>		
<p>\$269 Reg. \$369 14K W72</p>	<p>\$399 Reg. \$529 14K W73</p>	<p>\$219 Reg. \$299 14K W75</p>	<p>\$279 Reg. \$379 14K W77</p>	
<p>Major Credit Cards Accepted Reg. \$159 Now \$119 14K W39</p>	<p>Dramatic 1/3Ct. Diamonds Earring Jackets Only \$499 14K W40</p>	<p>Hurry for Best Selection Reg. \$949 Now \$699 14K W1</p>		
<p>Tanzanite/Diamond Exclusively Ours! Design Save \$200 Sale \$599 14K W85</p>	<p>Pink Tourmaline/Diamond Reg. \$299 Now \$219 14K W83</p>	<p>Kite Shaped Amethyst w/Diamond Sale \$239 14K W88</p>		
<p>Reg. \$1199 Sale \$899 14K W12</p>	<p>Save \$100 Sale \$499 14K W8</p>	<p>Save \$100 Sale \$299 14K W8</p>	<p>Reg. \$389 Sale \$289 14K W15</p>	

Odyssey Jewelers

740-A N. China Lake Blvd., 375-4721
Ridgecrest Towne Centre

All Faith Chapel Services

Protestant
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
(September thru May)
Bible Study (East Wing), Wednesday 9:00 a.m.
(September thru June)
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Adult Bible Study, East Wing, Thursday 7:00 p.m.
Jewish (446-3613 Messages)
Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon
September through June
Religious School, 1902 Dibb
Tuesdays, Age 4 and up 5:30-6:30 p.m.
Friday, 2nd grade and up 6:30-7:30 p.m.

Roman Catholic
Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May)
1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:30 a.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) noon

Hearing Impaired Equipment and Nursery are available

Chaplain T. Mele, LCdr., CHC, USN
Chaplain David Aiken, Lt., USNR
Chaplain Jay Heyman, Lt., CHC, USNR
Chaplain Steve Leeman, Lt., CHC, USNR
Office Hours Monday-Friday, 0730-1630; Flex Fridays, 0730-Noon
939-3506, 939-3507, 939-2773, 939-2873

Gift JARS



Candy Filled Canning Jar \$5.00

Large Mix Nut Assortment \$19.95

Unique Bottles
Filled with assorted nut of your choice.
\$6.95

LET'S EAT!

Stop By & Look At Our Menu!



Mother Earth

MARKET, CAFE & BAKERY

Village Plaza • 901 Heritage Dr. • 446-7753
(next to Santa Fe Grill and La Pasta)

FOOTBALL from Page 18

moved before the snap. The five yard penalty was stepped off and the season for both teams came down to this final play — offense for IYAOYAS, defense for the Eagles.

The snap; the Eagles blitz, almost succeeding in deflagging quarterback Tim Pittman before he found and passed the ball to his lineman, Lawrence Montoya. The ball was momentarily juggled before Montoya clutched it for the catch, the gain ending a mere one yard into Eagles' territory. Result? IYAOYAS win by one yard and advance to Friday's final against NADS.

Strong defensive play set the tone for the first half of the championship game. Each team scored a two point safety to start the game, then settled into a punting contest for field position. Late in the second half, NADS quarterback, Dustin Miller, tossed a 10-yard touchdown strike to Greg Laube. The extra point attempt failed and NADS led at the halftime break 8-2.

The second half started out as the first ended, with NADS scoring on their first possession after IYAOYAS was forced to punt. While the preceding por-

tions of the game were not without verbal joustings and incidental contact, players on both sides became increasingly antagonistic as the final quarter got underway. Officials issued several warnings and ejected a player after a second violation for unsportsmanlike conduct.

IYAOYAS scored a touchdown and an extra point with six minutes left to cut

NADS' lead to 16-8. The atmosphere became increasingly heated as the clock became a factor. With just over one minute left to play, NADS scored on a close call at the goal line. After some Ordy players went too far in expressing their displeasure to the officials, the referee called the game.



IYAOYAS' coach, Todd Brown, filed a protest with Sports Director Dana Alloway on Saturday. After hearing the protest details and conferring with the game's officials, she determined that the official's ruling was in the best interests of the players' safety and would stand. The game stood as called with one minute and 20 seconds remaining and the final score recorded as NADS-22, IYAOYAS-10.

What will next season bring?

• IN STOCK • IN STOCK • IN STOCK • IN STOCK •

Hewlett Packard Desk Jet 540 PRINTER

Features 600x300dpi with HP's Resolution Enhancement; 3-Year limited warranty—the longest in the industry; broad DOS & Windows; and smudge-proof printing.

with any system
Super Affordable \$299

MicroLink
225 Balsam Street
619/371-3535
Authorized Dealer

Free SPEDI Upgrade to Bernoulli 230 Removable Drive

To get a free upgrade to a Bernoulli 230 when you order a new Bernoulli 150 single (SPEDI P/N S0700548) or dual (SPEDI P/N S0700549) drive, or disk tri-pack (SPEDI P/N S0700529), write "Substitute 230" in the Comments field at the time you order.

IOMEGA's Bernoulli 230 stores 230MB (460MB with compression) on a single disk. The Bernoulli 230 is **fast** (even faster than a 150) and is fully compatible with 90MB & 150MB Bernoulli drives. The 230 is super reliable. Each Bernoulli 230 drive includes a • **free 230MB disk cartridge** and a • **5-year warranty** on both drive & media

Computing Technology's
Computer Store
251 Balsam St. 375-5744

VISA - MASTERCARD - AMERICAN EXPRESS - DISCOVERY - ATM - VISA - MASTERCARD

GAS AND FOOD SPECIALS PK.

NEWPORT	\$1.59
CAMEL FILTER & LIGHTS	\$1.59
PRIVATE STOCK	\$1.29
RAVE	\$1.19
DORAL BUY 2 PK.	79¢ ea.
MONTCLAIR	\$1.09
MISTY	\$1.29
CAMBRIDGE	\$1.49

CARTONS

CAMEL	\$12.99
PRIVATE STOCK	\$10.99
MONTCLAIR	\$10.99
DORAL	\$9.99

SUPER LOTTO

WIN YOUR MILLION!

• WE ACCEPT •
Food Stamps, M/C, Visa, Amex, Discover, ATM Pay Point, MFG Coupons & Travelers Checks

FREE MONEY ORDER FEE WITH \$10.00 PURCHASE. EXCEPT GASOLINE & CARTONS

LOWEST PRICED LIQUOR

Prices subject to change without notice.

1501 N. China Lake Blvd. • (619) 446-6376 • Open 5:30am-2am Everyday
1 Block South of NAWA Front Gate

MASTERCARD - AMERICAN EXPRESS - DISCOVERY - ATM - VISA - MASTERCARD

EAGLE MOUNTAIN

"The Uncommon Gift Store" presents...

CHRISTMAS

Eagle Mountain is now bigger and better than ever! There's a lot more than you see here, so take a walk through the store and you'll find the perfect gifts for everyone on your list without ever having to

You like it hot? Spicy? Unique? Gourmet? Then you'll like this one of a kind food selection in Eagle Mountains food section.

Starting at \$5.95



Largest Inventory Ever!



Fine Toiletries

Crabtree Evelyn & Scarborough

These product lines are among the finest you can purchase for that special person. We stock over 60 different fragrances. Choose from Soaps, Lotions, Talcum Powder, Bubble baths, Shampoo and Room Sprays. Come in and pamper them for Christmas.

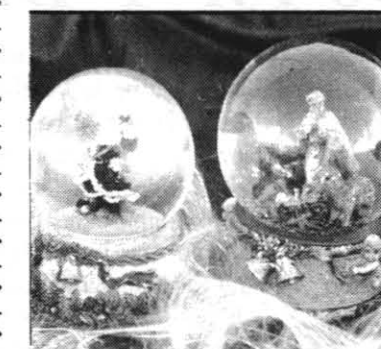
STORE HOURS

Monday - Saturday 10-6
Sunday 12-4

And Cards of Course

EAGLE MOUNTAIN

634 S. China Lake Blvd.
375-3071
Open 7 Days A Week!



Snow Globes

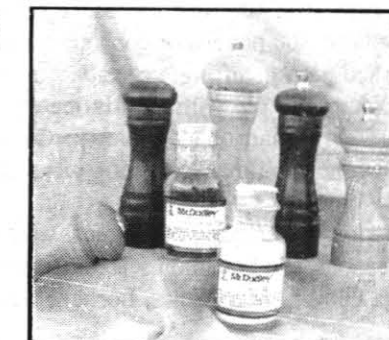
Start your families Christmas tradition with these beautiful, musical, Holiday Globes!

Starting at \$26.95

Pepper Mills

Spice up their life with these unique Pepper Mills. Available in singles and sets.

Starting at \$17.95



Pewter Fairies

Help their imagination soar with our fairy collection. These pewter sculptures are lovingly painted by American crafts people. Choose from: Blossom, Whisper, Rosie, Sparkle Flutter & many more.

Starting at \$25.95



Petroglyphs

The Indians chipped the surface of ancient stone to expose the white surface underneath for their petroglyphs. Now experience Bonnie Fairchild's uncommon Petroglyphs.

Starting at \$16.95



Thirsty Stones

Made in the USA from 75 million year old Sandstone. The most absorbent coaster you will ever use. Will not lose the ability to absorb over time. Choose from over 30 designs.

Only \$26.95 Set



Beakman's World

From the hit kid's program, which helps kids discover how the world works. Choose from: Ant Habitat, Critter Carnival, Field Microscope, Meteor Hunter, 50X Microscope, 50X Telescope, Explora Toy, Electricity Kit, Ecology Kit, & Spy Science.

WTS hosts 400 for T-Day meal

For six years running, the Aircraft Department (Weapons Test Squadron) secretaries and budget office have held a special Thanksgiving luncheon for sailors who might not get home for the holiday and might otherwise not get a home-cooked turkey meal. And once again, the feast has turned out to feed a lot more than single sailors. Civilian and contractor personnel joined sailors in enjoying the meal Nov. 17 in Hangar 3. Serving time was from 11:30 a.m. to 1 p.m., and by closing time all of the fifteen turkeys and all the trimmings were gone.

In all, more than 400 were served the holiday fare, which included 300 pounds of gobbler, mashed potatoes, candied yams, stuffing, vegetables, cranberries, rolls and pumpkin pie with vanilla ice cream. The Weapons Test Squadron's Officer-in-Charge Cdr. Randal Sweeney and managers took turns at serving the hungry crowd.

Preparation and cooking of the meal were handled by the Weapons Test Squadron secretaries and budget folks: Rita Glover, Mary Seles, Lorraine Savoy, Kim

Hu, Jean Winkler, Charlotte Brennan, Louise Tague, Laura Kadri, Jeff DeLuca and Debbit Nicholson. Basic preparation began around 6 p.m., Wednesday, Nov. 16, in the kitchen of the American Legion Post 684 in Ridgecrest. They were back at 6 a.m., Thursday to complete the preparation for the luncheon.

Fund-raisers were held to defray cost. Secretaries said the luncheon would not have been a success without the donations of several organizations and businesses. They extended heart-felt thanks to the IWW Chief Petty Officers Association, Vons, Albertson's, American Legion Post 684 and Women's Auxiliary, and John's Pizza.

Also praised by the secretaries for their personal support were Ron Savoy, Fred Exzabe, Laura Schumann, David Glover, CWO4 Michael Edmiston, Tina Evans, Bill Overby, Keith Becker, AMSC Terry Owens and managers of the Weapons Test Squadron.

While serving didn't begin until 11:30, the crowd started lining up half an hour early. They generally gave rave reviews about the quality of the food.

CHIEFS from Page 3

"jack of all trades." His responsibilities include repairing aircraft skins, flight controls, landing gear and airframes. In addition, he handles production control and coordinates the workload for AIMD. He began his second tour of duty at China Lake in March 1994. His first tour was from 1986 to 1990 when he was assigned to the then Air Test and Evaluation Squadron Five (VX-5). Baysa has been in the Navy for 17 years.

ADC Raul Bustos is the assistant Aircraft Division chief for VX-9. He began his third tour of duty at China Lake in July 1993. Bustos is an 18-year Navy veteran. (Bustos was not able to attend the initiation and no photo was available at press time.)

MSC Allan Nuqui Cerdan is manager of the CBQ. He began his second tour of duty at China Lake in January 1993. His first tour was from 1980 to 1983. Cerdan has been in the Navy for 15 years.



MSC Allan Cerdan

SECDEF adds \$2.7 billion to budget to improve quality of life

Washington (NSS)—Secretary of Defense William J. Perry announced plans on Nov. 10 to add \$2.7 billion to the defense budget over the next six years for initiatives aimed directly at improving the quality of life for service members and their families.

The funding for these initiatives, which is over and above the money already requested by the services for similar purposes, will begin with \$450 million in the FY96 defense budget.

"People are our most important resource," said Perry in a Pentagon press conference. "No weapon system is better than the people who operate and maintain it. It is crucial that we put our people first in our priorities."

The additional funds will be used to improve compensation, living accommodations, and community and family support. In the area of compensation, the plan calls for a new cost of living allowance (COLA) to aid

military members living in "high-cost" communities such as New York, Los Angeles and San Francisco.

The plan also calls for an increase in the basic allowance for quarters (BAQ), upgrades in 10,000 homes currently threatened by closure for lack of maintenance funds, improvements in privacy and other amenities to 5,000 dormitory (barracks) spaces, and improved child care support for an additional 38,000 families.

PLUMBING PROBLEMS?

When you need a plumber!

We deliver the real thing—fast, expert installation and repair of pipes and plumbing fixtures.

Our friendly service and reasonable rates guarantee the job won't be a nightmare for you.

CARDINAL PLUMBING CO.

1543 N. China Lake Blvd. 446-4004
LICENSED & INSURED Lic. #496447

Don't see red, see double!

We guarantee the lowest
airfare or pay you
double the difference.

See your local Sato Travel manager for program details. This offer is applicable to airline tickets issued by Sato Travel only. It does not apply to tickets issued by consolidators of other wholesale vendors.

ASK ABOUT OUR FLEX WEEKEND GETAWAYS

Sato Travel

A Full Service Travel Company
(619) 446-7752

The I.W.V. Concert Assn. presents:

NUCLEAR WHALES SAXOPHONE ORCHESTRA

Fun-loving 6-member group playing jazz, classics & more!

THU., DEC. 1
7:30 p.m., Station Theater

Tickets \$10 (unreserved)
\$7 if active military, under 21, over 65
Save 40% with mid-season tickets!

PHONE 375-5600

Supported in part by the California Arts Council & the National Endowment for the Arts

1 800 US BONDS

U.S. SAVINGS BONDS
THE GREAT AMERICAN INVESTMENT

YOUR MARKET IS NAWCWPNS!

- We can show you how to reach the single most lucrative market in Kern County. We offer services such as copywriting, layout, budgeting and campaign design.
- Call Jason Jordan today:

375-4481



With Savings of Up To 60% on Long Distance Calls

...Distance Makes The Heart Grow Fonder

Introducing Lower Rates From Your Neighborhood Phone Company

Contel is proud to introduce new savings on the calls you love most—dramatic reductions in your long distance rates, known as Area Calling PlusSM.

And right now, in addition to these standard reductions, you can select an Area Calling PlusSM plan featuring even further discounts.* Combine these new discounts with our low evening and night time rates, and you could save as much as 60%.

What Is Area Calling PlusSM?

Area Calling PlusSM calls are calls made to a location more than 12 miles from your home or business,** but within each of the state's eleven service areas.†

A Quick Sample of Your Standard Rate Reduction

THE SAVINGS				
Location	Time Of Call	Length Of Call	Prior Cost	Beginning January 1, 1995
Victor Valley to Los Angeles	Regular Business Hours	10 Minutes	\$3.19	\$1.36
Gilroy To San Francisco	Regular Business Hours	10 Minutes	\$3.19	\$1.36

Save Even More With Area Calling PlusSM Plans!

In addition to these standard reductions, you'll soon have an opportunity to sign up for further savings with our Area Calling PlusSM plans! These plans offer savings of up to 40%—beyond your standard rate reductions!

How Do I Sign Up?

Simple! Just watch your mailbox. If you're a regular Area Calling PlusSM caller, you'll soon receive an opportunity to register by mail. Simply choose the Area Calling PlusSM plan that saves you the most, send back the postage paid reply card; and start talking longer...for less! *Si necesita información en Español, llame 1-800-788-2788.*

* A comparison of your calling pattern and new rates are available upon request.
** Area Calling PlusSM calls in ZUM areas, like the Victor Valley, are those made to locations more than 16 miles away from your home or business, within each of the state's eleven service areas.
† A long distance telephone message is a completed call or telephonic communication between two exchange stations located in different local service areas, between long distance stations or between a long distance station and an exchange station to which rates are applicable in accordance with the provisions of this schedule.

CONTEL
EXCELLENCE GUARANTEED
1-800-669-4473

SPORTS



Photo by Chris Christian

EXCITING MOMENTS in the final game of the championship series included the one when IYAOYAS' team captain, Todd Brown, nearly deflects the pass of NADS' quarterback, Dustin Miller. The NADS won league play and the tournament with a final score of 22-10.

New flag football season starts Dec. 7. Call 939-2571 for more information.

The NADS capture flag football championship in exciting finish

By Chris Christian

Beginning with a forfeit by the fourth seeded China Lake Bullets in a first round game with the first seeded NADS, and continuing through an exciting overtime tie-breaker between the VX-9 Eagles and IYAOYAS, seeds two and three, respectively, to Friday's championship game being called with less than two minutes to go in regulation, the flag football playoff series of Nov. 16 and 18 was entertaining, to say the least.

A forfeit is a forfeit and that is all there is to report on the playoff's first game. The only excitement was if the required sixth player for the Bullets was going to arrive before the game was declared. He didn't and the season's leader, NADS, won by forfeit.

Wednesday's second game was a different affair. Excitement was abundant as the Eagles and IYAOYAS squared off. These teams had finished the regular season with identical 6-3 records, with the Eagles sweeping the series between these two talented teams.

A hard-fought contest ensued resulting in a zero-zero tie after 48 minutes of regulation play. Whenever one team's offense began to get untracked, an interception would invariably hand the

momentum to the other. An apparent Eagles' touchdown late in the first half was called back on a holding call. That was the only time during regulation time that either team would cross the goal line. So it became necessary, for the second time in the season, to go to an overtime tie-breaker to determine the game's winner.

For those unfamiliar with flag football, in a tie-breaker each team has eight alternating offensive and defensive plays (four each), beginning at the mid-field stripe. The team that has advanced the ball into the other's side of the mid-stripe after the allotted plays is the winner. Confused? Let's see if we can clear this up.

After winning the overtime coin flip, IYAOYAS (Ordies) elected to go on defense first. The Eagles' offense took possession of the ball on the mid-stripe (40-yard line in this case) and ran a play for a short gain into IYAOYAS' territory. Then the Ordie offense ran a play that didn't quite make it back to the 40.

Eagle's ball and an incomplete pass yielded no gain. Play continued and the Eagles' fourth and final offensive play ended with the ball only three yards into IYAOYAS' territory. During the Ordie's final attempt at the win, a lineman

Please see **FOOTBALL**, Page 20

SHOALS from Page 1

Engineering Competency, how many people in the Engineering Competency are stationed at Pax River and so forth. Once I knew what kind of information they wanted, the database design was created."

"Her (Shoals') products are a model of efficiency," Chan said. "They utilize the most modern client-server architecture and operate on the existing NAVAIR Wide Area Network. The database deployment, both geographical and organizational, is more extensive than even the most ambitious Naval Aviation Systems Teams' plans of a year ago. This early access to competency aligned information has reduced much of the ambiguity and fear that was associated with this extensive reorganization."

The original call for data was sent out about a year ago. Information requested included what teams people worked on and the types of work they were doing. This information was helpful in developing the definitions for the basic competencies, Shoals said.

The second call, which was much bigger and took about two months from the time the call went out to having all the information processed to the database, produced the data that is now on the server. "It has a fairly robust front end," said Shoals. "This means people can query the data base and receive a screen graphic so they can compare things — like how our competency mix looks compared to Pax River's. This database also allowed the leaders to better define what they wanted to capture in the competencies and to see what was still unclear."

A third call for information is already in the works. "I think there is a feeling that competencies are fairly well defined now, though they are still refining them," Shoals said. "With this call for information, I think they are hoping to see how things look — to get a better idea

of how many people, by competency, are working on what programs."

While supporting the NAVAIR task, Shoals and the rest of the CRIO organization (Linda Graham, Kathy Witty and Kristy Fava) also supported NAWCWP-NS competency planners with reports to support their organizational design process and personnel mapping. "Her resourcefulness led to the training of several users to be self-sufficient in designing their own reports," Chan said.

Because of the success of the database, Shoals received the Navy Meritorious Civilian Service Award from RAdm. Dana B. McKinney, NAWCWP-NS commander, at a special ceremony in September.

"Your role in establishing the NAVAIR Competency Aligned Organization Database has been instrumental in providing all the elements of the Naval Aviation Team with valuable information as they embark on the ambitious task of re-engineering Naval Aviation for the future," McKinney read from the citation accompanying the award. "In a remarkably short period, you have created an information resource usable by all levels of the organization. . . To your credit, this was accomplished with only broad descriptions of data requirements and in spite of varying quality of source data from the evolving competencies. It is hard to imagine the progress that has been achieved in only a year without the visibility your database gave competency planning leaders into the total NAVAIR organization."

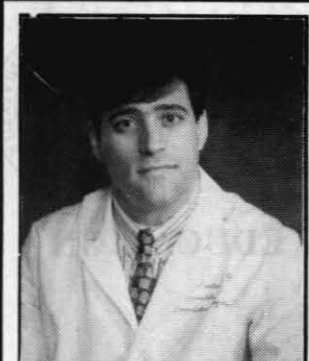
Shoals joined the China Lake team in 1974 as a clerk



CONGRATS—RAdm. Dana B. McKinney presents the Meritorious Civilian Service Award to Carolyn Shoals.

typist. About a year later she transferred into the Management Intern Program, where she spent a number of tours at various jobs throughout China Lake. After completing the program, she started work as an administrative officer in Code 31. In 1985 she became the space manager for China Lake and in 1987, started work in the 03 Directorate under the leadership of Mike Chan.

When she isn't busy developing resource tools, Shoals said she and her husband, Patrick (who is an engineer in Code 28), enjoy skiing and hiking. She also enjoys watching as her husband fix up old Porsches.



Ridgecrest Dermatology

Dermatology and Dermatologic Surgery

Jeffrey Ross Gunter, M.D.

- Diplomate American Board of Dermatology
- Board Certified in Dermatology
- Fellow American Academy of Dermatology
- Assistant Clinical Professor of Dermatology at the USC School of Medicine

New Patients Always Welcome

- Acne • Skin Cancer Surgery • Moles • Skin Diseases
- Mohs Micrographic Surgery • Fruit Peels
- Vein Treatments • Pediatric Dermatology

Preferred Provider for GEHA, Blue Cross, Blue Shield, Travelers, Mail Handlers, Aetna, Champus (Tricare), and most others. Most major insurances accepted. Medicare Assignment.

Courtesy Insurance Billing

Call (619) 384-2592

To schedule an appointment

801 Downs St., Ste. B

PERSISTENT ABDOMINAL PAIN NEEDS MEDICAL ATTENTION!

30 years combined experience
diagnosing & treating digestive
disorders

board certified physicians
latest technology

MEDICARE ASSIGNMENT • GEHA PROVIDER
MOST INSURANCES ACCEPTED



Ask about our
Antelope Valley locations

**HIGH DESERT
GASTROENTEROLOGY, INC.**

801 N. Downs Suite J Ridgecrest

(619) 371-3494

Raman Patel, M.D. C. Pathmarajah, M.D.
P. Dharmaraja, M.D.

MINDIRAP

A man and his son were rock climbing on a particularly dangerous cliff when they slipped and fell. The man was killed, but the son lived and was rushed to the hospital. The old surgeon looked at the young man and declared, "I can't operate on this boy: he is my son." How could this be?

The answer to this question
can be found at . . .



Just Imagine!!

827 N. China Lake Blvd. • 371-3031



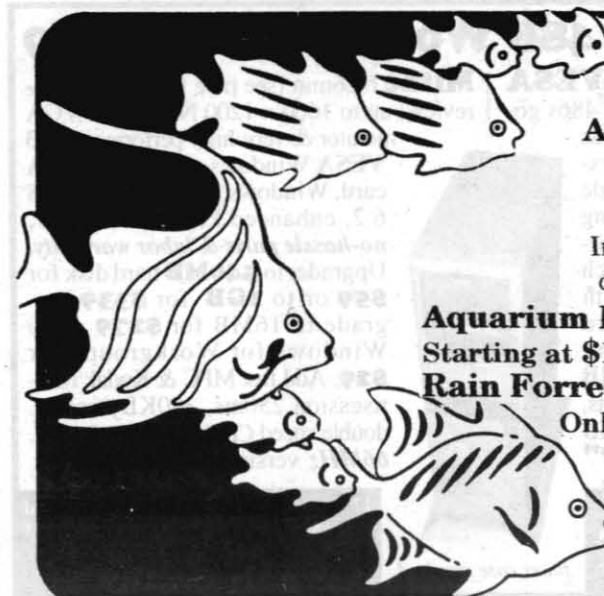
CHRISTMAS SPECIAL!

Aqua Clear 200 Power
Filter \$27.95

save \$22.00
Includes: Free 8oz bottle of
cycle biological filter supp.

Aquarium Kits Bird Cages
Starting at \$14.97 Starting at \$12.99
Rain Forrest Aquatic T-Shirts
Only \$14.95

Exotic Tropicals
132 Balsam • 371-1177



G&L Texaco & New York Deli

★ Specials Daily ★

Christmas Shop With Us

Coors, Budweiser
& Miller

\$5.99 + tax 12 Pk.
Just Mention This Ad
Reg. \$6.79

**Low Low Dairy
& Grocery Prices**

Camel Cigs \$1.49 + tax
Winston \$1.49 + tax
Misty/Montclair \$1.15 + tax
Doral \$1.09 + tax
Bonus Value \$1.39 + tax
Private Stock \$1.49 + tax

NY Hot Dogs
or Foot Longs

G&L TEXACO GOES
\$WHOLESALES
All Copenhagen and
Skool
\$2.49
Levi Garret/Redman
\$1.99

New York Style Deli
Pastrami, Corn
Beef, Tri-Tip,
Homemade Salads.
Specials Daily.

Perfumes
Chanel • Gabbana •
Bison • Not Imitation
• Mag Lites • Swiss
Army Knives • Cross
Wholesale Prices

Pump & Munch Bonus Cards -

Giving 3 free in-store bucks.
Average savings on gas
1 & 3/4¢ per gal.

HOT BBQ

Every Thursday
Tri-Tip, Chicken,
Ribs & More.

All Frito Lays

Large Bags
\$1.39
Only

**We'll pump
for you and
wash your
windshield,
same low
price, tipping
not
necessary.**

G&L TEXACO 1509 N. Norma St. • 446-2044

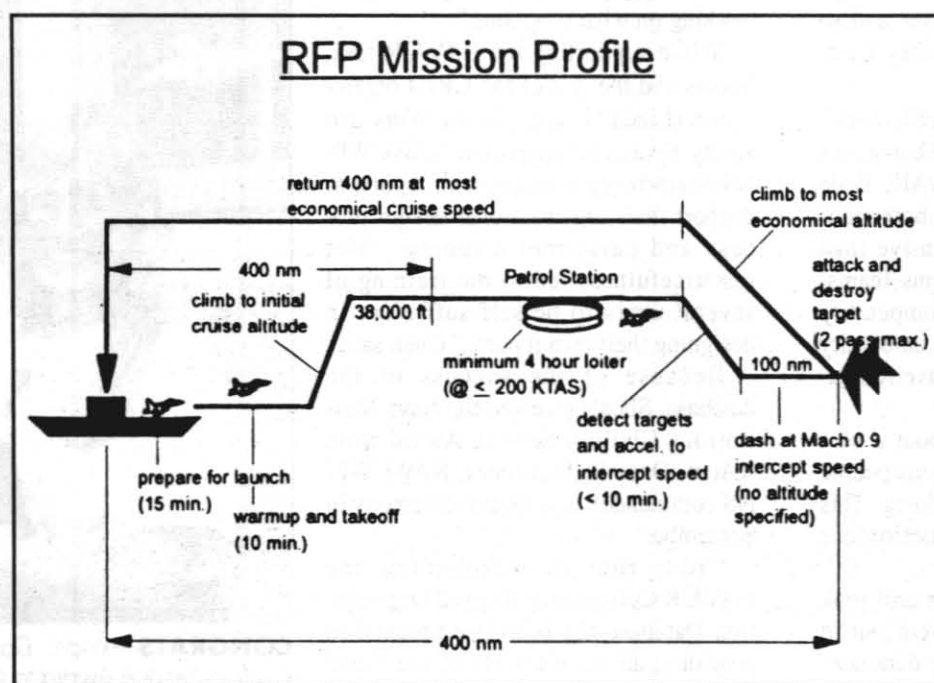
LCdr. Steve Burris on winning aircraft design team

By Dee Rorex
TID

Imagine a fighter aircraft that can take off unassisted from a small flight deck (approximately 300 feet long), fly 400 nautical miles (nmi) to its station at an altitude of 38,000 feet, patrol its station for a minimum of four hours, carry out a 100-nautical-mile, high-speed Mach 0.9 attack mission, return to its original launch point and land vertically on the flight deck. And do it all without refueling.

This theoretical image is one step closer to being made possible, through the efforts of a team of student engineers at the Naval Postgraduate School at Monterey, Calif. As an aircraft design class project, LCdr. Steve Burris, now HARM project officer at China Lake, and his teammates were asked to design an aircraft that met all the requirements detailed in a mock request for proposal (RFP) submitted by the American Institute of Aeronautics and Astronautics (AIAA).

Burris' project was part of a design competition administered by AIAA's Student Programs Department. Students are able to choose from one of three design categories: aircraft, engine or rocket motor. The competition is but one



element in a wide-reaching program that recognizes excellence in aerospace engineering study at both the graduate and undergraduate levels. Each year AIAA solicits different industry teams to sponsor the awards and provide support for reviewing the entries of the competition. The aircraft design competition, sponsored by McDonnell Douglas Aircraft, called for a Maritime Patrol Strike Aircraft.

Teams of three to 10 graduate students

competed to devise the best design to fit the RFP in a given time period. The AIAA competition is open for 16 months. However, Burris' team had only 11 weeks to complete the project because it was assigned as part of their 12-week aircraft engineering design course. Rigorous requirements and design objectives had to be met, and the final report had to contain not only the design but also a detailed description of the organization and management of the project.

Burris' team came in first place. Besides Burris, team members included David T. Fisher, Abdullah M. Alkhazam, Clayton W. Miller, Eddy Priyono, Eston D. Purvis, Eric J. Watkiss and Bulent Yakin. Project advisor was Professor C.F. Newberry.

The team put in many hours of their own time on the project, working after class and on weekends. "I spent about 16 to 20 hours per week over the 11-week period on this project. It was pretty tough considering I was taking three other classes during that quarter," said Burris.

One of their strongest points as a team was the diverse experience each person brought to the project. The students' various backgrounds in naval aviation and their knowledge of different types of aircraft were a major asset to the team. Through their constant interactions, the students were able to determine the best way to solve the design problems set forth by the RFP.

How difficult were the problems? The RFP required an aircraft that could operate within the confines of an LHA and LHD helicopter carrier. This meant the size and weight limitations of the smallest aircraft elevator would dictate the dimensions and weight of the aircraft.

More than any others, four existing aircraft and two classes of ships

performed in a steam vault, where temperatures can reach 140 degrees, a 16-foot-deep pit, a very high voltage electrical vault and other confined spaces. In each case, the firefighters involved did not know in advance that they were going to have a drill that day. When Sodergren made the call to the fire station, he announced that it was a drill, then told the dispatcher the situation. So the rescuers knew it was an exercise after they were en route but had no advance notice.

During the exercises, Wiruth stayed with the victims and videotaped the rescuers actions. Sodergren and others stayed outside the confined space and observed and taped other rescue personnel or played supporting roles in the scenario.

"Each of the drills was beneficial to the entire fire division," Sodergren said, "because the firefighters passed on the information as to what they did right or what might have worked better to other fire fighters at the shift

change. In that way each scenario got shared with everyone. And we also did follow-up reviews of the videotapes with the people involved and others."

According to the regulations, each year Nick Wiruth has to provide a report to the NAWC commanding officer detailing the status of the Confined Space Program.

"This year," he said, "we know that each firefighter has an increased sense of awareness of the dangers involved in these types of rescues, because they've all been exposed to some aspect of them. The drills have caused them to think about what they can be getting themselves into and to use any resources they can to make the rescue. The main points of our program are first, to get people to call us and get the permits before they work in confined spaces. Second, that in emergencies, co-workers are not the rescuers, but that there are trained people who are. And finally, that we will conduct sensible, cautious rescues to avoid causing or adding to fatalities."

Video Listings KNID

Monday-Friday, December 5-9

5:30 p.m.: Navy News

5:55 p.m.: The Navy Hot Air Balloon Team, a Recruitment Documentary

6:10 p.m.: The Edge of the Ice (Office of the Chief of Naval Research)

6:15 p.m.: Justice for All: Overview of the Federal Courts

6:45 p.m.: Justice for All: Overview of the State Courts

Monday-Friday, December 12-16

5:30 p.m.: Navy News

5:55 p.m.: Vice President's Hammer Award Received by China Lake; Reinventing Government

6:55 p.m.: Bicycle Safety Helmet Law

7:00 p.m.: Origami: The Folding Paper

Channel 17 will not be broadcasting from Dec. 18 to Jan. 2...

Have a Safe and Happy Holiday Season!

SALE

Super pricing on the latest version of some of our best-selling items:

- Microsoft Office 4.2 Std \$449. upgrade \$279.
- Office for Mac Std \$449. Mac upgrade \$279.
- Microsoft Serial Mouse \$51.95. Home \$36.95
- Microsoft Works for Windows 3.0 \$87.95
- Microsoft Word for Windows 6.0 only \$299
- Microsoft DOS 6.22 Upgrade only \$48.95
- Microsoft Windows 3.11 Upgrade \$49.95
- Uninstaller 2.0 for Windows only \$37.95
- FileMaker 2.1 for Windows \$116
- Quicken 4 for Windows \$39.95
- Quicken 5 for Mac \$39.95
- Borland C++ Upgrade just \$179
- Honeywell 101 keyboard \$32.95
- Colorado Memory Systems 250MB tape drive just \$159. new 350MB tape drive \$179

Call: best pricing ever on Mac RAM & s/w.
Computing Technology's
Computer Store
251 Balsam St. 375-5744

NAWC Lunch Special

Buy Any Sandwich/Drink & Get 1/2 Hour of Pool FREE 11-1pm

Beer: Bottled & Draft + Wine Coolers

Monday-Military Day - All Day!
1/2 Price Pool With Active I.D.

PACKNROLL
RIDGECREST ENTERTAINMENT CENTER

Thank You!

Your donation to United Way will make a lasting impact in the lives of the needy and in the hopes of our entire community. Thank you for being one of our helping hands.



United Way
of Indian Wells Valley
375-1920

Internet software, books & quotes

Quotes for anything you'd normally get by phone or coming in are available by e-mailing your quote to comptech@ridgecrest.ca.us. We'll return our bid by e-mail unless you specify phone, fax or otherwise.

Free software for RidgeNET/Internet for your Mac or for your PC. Just drop by the **Computer Store** and ask for a copy.

Books for everyone from the beginner signing on for the first time to the regular user to the expert. We stock over 50 of the very latest Internet books.

Computing Technology's
Computer Store
251 Balsam St. 375-5744

THE PERFECT HOLIDAY GIFT!



Through December 31, 1994, Bakersfield Cellular will

- Lease/Purchase NEC P120 for \$7.95/month for 24 month term or...
- Lease/Purchase the Audio Vox Bag Phone for \$7.95/month for a 24 month term or...
- Lease/Purchase the Motorola 550 Flip Phone for \$9.95 for 24 month term.

See Our Local Agent...



Call Linda or Patty.

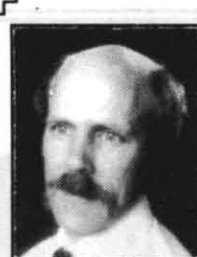
Cellular Connection

East Kern

Your local authorized agent of
Bakersfield Cellular
TELEPHONE COMPANY
A BELL SOUTH COMPANY

1517 N. NORMA, RIDGECREST
(619) 446-0001

Jewelry Jottings



Centuries ago, the kings, queens and noblemen of India and Persia used official seals which were carved from lapis lazuli. Today, this lovely stone, also known as azure stone because of its magnificent

blue color, is valued for its beauty. Lapis lazuli and zircon are the birthstones for people born in December. These lovely, inexpensive stones make excellent gifts. Mr. T's Fine Jewelry. Lowest Prices ♥ Largest Selection.

Mr. T's Fine Jewelry

Sierra Lanes Plaza

VESA 80MHz 486 Workhorse: \$2,149

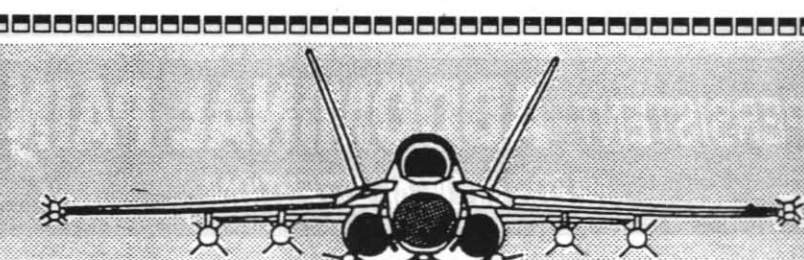
80MHz 486 CPU plus VESA Mitac 0.26mm (see rave Windows Magazine review; up to 1600 x 1200 NI) VESA VGA monitor & very-high-performance S3 VESA Windows accelerator VGA card, Windows 3.1 & mouse, DOS 6.2, enhanced keyboard, 3-year, no-hassle parts & labor warranty. Upgrade to: 540MB hard disk for \$59 or to 1GB for \$339; upgrade to 16MB for \$279 or to Windows for Workgroups for \$29. Add fast MPC & Kodak Multisession 250ms, 350KBytes/sec. double speed CD-ROM drive \$139. 66MHz version just \$2,099.

Computing Technology's
Computer Store
251 Balsam St. 375-5744



tower case standard

17" monitor, 8MB RAM, 340MB hard drive 80MHz 486 VESA system with S3 Windows accelerator (66MHz \$50 less) only \$2,149



YOUR MARKET IS THE NAWC!

- We can show you how to reach the single most lucrative market in Kern County. We offer services such as copywriting, layout, budgeting and campaign design.

- Call Jason Jordan today:

375-4481

SOUTHERN METHODIST UNIVERSITY

GRADUATE PROFESSIONAL EDUCATION
VIA
VIDEOTAPE

MASTER OF SCIENCE DEGREES in

- Hazardous and Waste Materials Management
- Manufacturing Systems Management
- Engineering Management
- Software Engineering
- Telecommunications

SMU is pleased to offer these programs to the personnel of China Lake at a 50% discount off of our normal tuition rates. All work may be completed via videotape. No campus attendance is required.

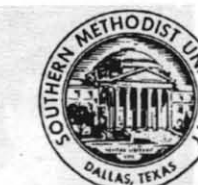
These Master of Science degree programs will be offered to China Lake personnel starting with the Spring 1995 semester.

For more information contact:

Mike Kirkpatrick
Southern Methodist University
214-768-1452

or
Georgellen Hoffine
Consortium for Advanced Technical Education
805-498-2283

Local Contact
Cecil Webb (619-939-0878)



Safety Office coordinates Confined Space Safety Program

China Lake Fire Division receives a call of a person down and unconscious inside the tank of a water truck, and a crew is sent to the Public Works compound, where the truck was being repaired, to perform the rescue. Another exercise carried out by the Confined Space Safety Program has begun. This scenario was the last of several presented to firefighters in the past few weeks by the Safety Office to test their preparedness for performing confined space rescues.

"Sixty percent of all confined space fatalities are would-be rescuers," said Phil Sodergren, assistant program manager. "That's why the Navy and OSHA have mandated that each activity will have confined space rescue training and drilling."

He explained that one of the initial functions of the program, which is locally managed in the Safety Office

by Nick Wiruth, was to fulfill the requirement that confined spaces be safe before repairs, maintenance or other types of work are performed within them. That means that the spaces contain an adequate amount of oxygen, are not at risk of explosion and that no toxics are present. Whenever work is to be performed in a confined space, a member of the program office must certify the space's safety on a permit, before the work can begin. The investigation involves air sampling and general inspection of the space for hazards.

Because of the high incidence of co-worker and firefighter fatalities during attempted rescues in confined spaces, the confined space rescue training was mandated.

"Many of these multiple death circumstances are related to oxygen deprivation," said Sodergren. "Someone is working in a tank, a tunnel or some other confined space,

and for whatever reason, there isn't an adequate amount of oxygen — even just in such a space can consume a considerable amount of the available oxygen over a period of time — and they pass out and collapse. A co-worker sees this and rushes in to help. The same thing happens again. There have been instances of as many as four deaths resulting from one incident."

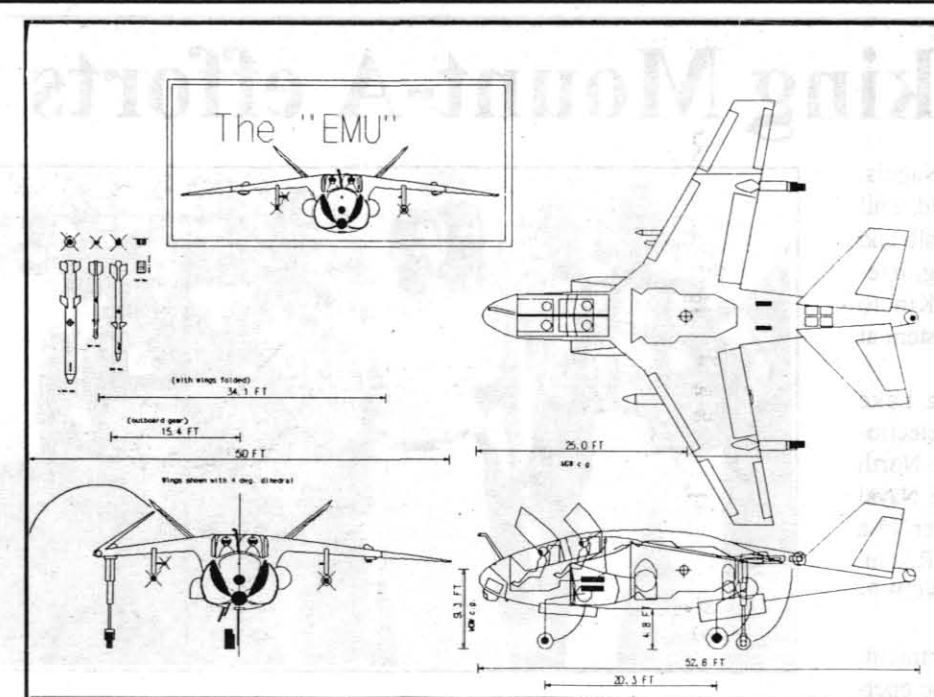
The Safety Office purchased rescue equipment and other equipment for the Fire Division earlier this year, and brought Fred Cox, a confined space rescue instructor from Haztrain Inc., to China Lake in May to conduct special training for the firefighters.

The simulated rescue scenarios were designed to expose every firefighter on Station to at least one such incident. Besides the water truck scenario, "rescues" involving an anthropomorphic dummy victim were

influenced the design of the aircraft: The AV-8B Harrier II, the S-3B Viking, the A-10 Thunderbolt, and the EA-6B Prowler, and the TARAWA (LHA) and WASP (LHD) class helicopter carriers. Because of the small flight deck, the aircraft was designed around the short takeoff and vertical landing (STOVL) concept.

The aircraft also had to take off under its own power with no catapult assistance. The aircraft had to be able to fly 400 miles to its station (AV-8 Harriers, by comparison travel only 100- to 200-mile radius missions). "Because the aircraft had to travel a long way to its station then orbit for a long time, we knew right off that this would be a major driver for the design — it was fuel critical," Burris said. "So, we put a big fuel tank in the aircraft. It was a real challenge with all the weight from the extra fuel to make this airplane take off under its own power and maneuver the way it was intended. Not being able to use a catapult added to the design problems. We had to sacrifice in other areas."

The team did extensive computer analysis on just the engine performance to decide how big the engine was going to be and how many engines they were going to use. They decided to go with one large turbo fan engine, thus minimizing the weight and space problems. "We had a lot of frustration with doing that because coming from groups of



people who work at sea, we like having two engines," the (two-engine) F/A-18 pilot said. "If one quits, we can still come home and land. The team struggled with that, but we didn't think we could come up with a design that met the range and endurance requirements with a two-engine aircraft. It's a series of trade studies you're required to do. If you give up something in one area, do you get more overall in another area? By doing the trade studies we were able to come up with a solution that came the closest to meeting everything the RFP

asked for without sacrificing aircraft performance.

"We wished that we had been given an opportunity to talk to the people at McDonnell Douglas or AIAA to tell them why we thought it would be better to go with two engines instead of one, but we were not allowed to ask what their priorities were on the government side. It was entirely our decision as to what we thought we could do to meet their requests. As a matter of fact, we didn't think we would win because we went with one engine."

The design project taught the students to organize their thought process as a team and to carefully think through why they made the decisions they did. "It was quite challenging to determine what the difficult areas were going to be and how we were going to overcome them," Burris said. "Probably the biggest challenge of all was getting the team to agree. The biggest thing I walked away with from this experience was that it prepared me for what lay ahead. I knew I was going to go be an aerospace engineering duty officer, and I was ready and more confident than I had ever been."

As an aerospace engineering duty officer, Burris' job is to provide technical input and oversight to acquisition programs of weapons (in this case HARM) and aircraft systems and subsystems.

Reflecting on the project, Burris said, "I think the RFP overextended what they were asking for in aircraft performance capabilities. That was the first thing that was apparent to us on the team; that current technology is nowhere close to being able to do all the things that they wanted this aircraft to do. We challenged their mindset of how to get all these things into one airplane, and it worked."

The technology required to build this aircraft may be well into the future. It may even be impossible. But, didn't they say that about the Harrier and the Stealth?

95's 95's 95's 95's 95's 95's

NOW IN STOCK!

'95 CHEVY ASTRO VAN 8 passenger, front & rear air, 4.3 liter CPI V6, automatic, power windows & locks, Dutch doors, California Special. \$328²¹** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$2,278.05. Cap reduction \$1,000, option to purchase price \$9,710.82. Slt. #025-95, Vin. #130595.</small>	'95 CHEVY LUMINA 7 passenger, power sliding side door, V6, automatic, California Special. \$307⁹⁶** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$2,207.33. Cap reduction \$1,000, option to purchase price \$9,136.05. Slt. #004-95, Vin. #100860.</small>	'95 CHEVY CAMARO 3.4 V6, automatic, 16" aluminum wheels, deluxe Bose AM/FM/Cass., air conditioning, fog lamps. \$291⁶⁸** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$2,136.87. Cap reduction \$1,000, option to purchase price \$7,855.32. Slt. #028-95, Vin. #121223.</small>	'95 CHEVY BERETTA COUPE 5 speed transmission. \$243⁰⁴** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$1,896.08. Cap reduction \$1,000, option to purchase price \$4,823.15. Slt. #027-95, Vin. #113077.</small>	'95 CHEVY 'DEMO' MONTE CARLO Z34 Power seat, 3.4 DOHC V6, automatic, AM/FM/Cass., 16" alum. wheels. \$357⁶³** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$4,426.52. Cap reduction \$1,000, option to purchase price \$7,433.87. Slt. #001-95, Vin. #131518.</small>	'95 CHEVY REGAL Power seat, keyless entry, 3.8 V6, automatic, dual electric mirrors, AM/FM/Cass. with steering wheel controls, H.D. cooling, leather interior, California Special. \$365⁷⁶** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$2,241.28. Cap reduction \$1,000, option to purchase price \$4,823.15. Slt. #510-95, Vin. #423780.</small>	'95 CHEVY METRO Air conditioning, 5 speed transmission, AM/FM/Cass. \$182⁶⁰** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$1,746.94. Cap reduction \$1,000, option to purchase price \$3,133.17. Slt. #033-95, Vin. #707848.</small>	'95 TOYOTA CAMRY DX Air conditioning, AM/FM/Cass., tilt, cruise, power windows/locks, power mirrors. \$288⁴⁷** MONTH <small>**Plus tax, 36 month closed end lease. Drive off of \$2,123.88. Cap reduction \$1,000, option to purchase price \$11,182.08. Slt. #1001-95, Vin. #272228.</small>	'95 TOYOTA COROLLA SEDAN Air conditioning, tilt wheel, power windows & locks, AM/FM/Cass., automatic. \$237³³** MONTH <small>**Plus tax, 36 month closed end lease. Drive off of \$1,886.54. Cap reduction \$1,000, option to purchase price \$8,582.50. Slt. #1002-95, Vin. #226782.</small>	'95 TOYOTA SR5 V6 4RUNNER V6, automatic, premium AM/FM/Cass., moon roof, sports package, aluminum wheels, roof rack, tow hitch. \$431⁹⁷** MONTH <small>**Plus tax, 36 month closed end lease. Drive off of \$2,325.27. Cap reduction \$1,000, option to purchase price \$17,727.70. Slt. #1005-95, Vin. #173727.</small>	'95 TOYOTA TERCEL COUPE Power seat, keyless entry, power windows/locks, rear defogger, dual electric mirrors, cruise & tilt, California Special. \$394⁶⁶** MONTH <small>**Plus tax, 48 month closed end lease. Drive off of \$2,325.27. Cap reduction \$1,000, option to purchase price \$8,422.05. Slt. #508-95, Vin. #448252.</small>
---	---	--	---	---	--	---	--	--	---	--

Bud Eyer

CHEVROLET-BUICK-TOYOTA-GEO

321 China Lake Boulevard • Ridgecrest, California • 375-4401 • Se Habla Español

* ALL PAYMENTS BASED ON APPROVED CREDIT. * ALL SALES FINAL AT CLOSE OF BUSINESS 12-5-94

SONY®

WE'LL BEAT LA PRICES

MODEL FOR MODEL - DEAL FOR DEAL

LOEWENS

371-1361
225 E. Ridgecrest Blvd.

We carry TrippLite, APC & most other brands of surge protectors, line conditioners & UPS battery backup systems. For year 'round protection for computing, FAX & other sensitive or critical equipment (including your fish aquarium). Minimum of 250W for PCs & MacSE, 400W for mid-size 386 through Pentium systems, 450W & up for network servers. Higher ratings run longer. Popular sizes are in stock.

Use **line conditioners** for brownouts & generally ugly power (high or low voltage, voltage swings, spikes). **We have solved many, many power problems with line conditioners.** Use alone or with UPSs. Popular sizes are in stock.

Tripp Lite Terminator TR 6	rated best by Nov. '94 Consumer Reports	\$28.95
Tripp Lite Command Center		64.95
Tripp Lite Command Center Plus		72.95
Tripp Lite BC-250 250VA UPS, runs 36 minutes at 1/2-load		104
Tripp Lite BC-750 750VA UPS, runs 36 minutes at 1/2-load		319
Tripp Lite BC-1250LAN 1200W UPS, runs 34 minutes at 1/2-load		489
Tripp Lite LC-1200 1200W line cond. get 120V±5% from 96 to 138V		149

American Power Conversion UPSes

BK250B 2450VA, Mac SEs, 386SXs	\$106
BK450 450VA, most tower 386s & 486s	199
BK600 600VA, big CAD & servers	279
BK900 900VA, workstations	399

Computing Technology's

Computer Store

251 Balsam St. 375-5744

APC Smart UPS 600 600VA large servers, opt. smart LAN interface \$359
APC Smart UPS 2000, 2000VA multiple & key servers, telecom 1,099

Protect Data & Hardware

Blankets
Magnifying glasses
Slippers Sweaters Shawls
Stationery Postage stamps
Toiletries Makeup kits Robes
Stuffed animals
Gloves

Donations benefit senior citizens of Beverly Manor, Homemakers, Senior Citizens, Information & Referral, Senior Citizens Center, Senior Day Care and Senior Nutrition Programs

Santa For Seniors!

Bring in a new, unwrapped item valued at \$5 or more from Santa's list and receive a special offer from Benchmark Cablevision.
(Offer expires 12/16/94)

BENCHMARK Cablevision

543 Inyokern Rd., Ridgecrest, CA

Kineto Tracking Mount-A efforts recognized

For the past three years, Tom Miller, Rob Nagels, Lorraine Fagen, Dan Anders, George Wiederhold, Phil Martin, Barb Banaszynski, Bud Gates, Jeff Schwalb and Gary Etheridge have been working on developing, integrating and operationally implementing the Kineto Tracking Mount-A (KTM-A) instrumentation system at China Lake.

Not only did those efforts result in China Lake receiving a new class of computer in the loop, electro-optical tracking instrument for the China Lake North Ranges, but also recognition of the team by the Naval Air Warfare Center Weapons Division commander. In a special ceremony honoring the 10 China Lakers, RADM. Dana B. McKinney presented them with the NAWCWPNS Team Award.

According to the head of the Range Department, William F. Ball, the KTM-A system allows for one operator to provide the data needed by range customers. Previously, two operators, using different instruments, were needed. The new system is used to provide high speed film and video engineering sequential data and video-based theodolite data.

"Video marks a significant step forward in collecting precision time, space and position information to meet range customer's data requirements," Ball noted in the letter of nomination for the award. Previously, a 1940s vintage Askania camera and film system had been used.

The forerunner of the KTM-A system was a special tracking mount implemented by the team to support AAAM testing during the summer of 1991. Using the experience and operational lessons learned from that system resulted in the KTM-A. The KTM-A prototype was completed and validated in July of 1993. Subsequently, the first production mount has been assembled



TID photo

TEN CHINA LAKERS being honored with the NAWCWPNS Team Award for their efforts in developing, integrating and operationally implementing the KTM-A system are (l to r) Tom Miller, John Denson, Barbara Banaszynski, Phil Martin, Gary Etheridge, Lorraine Fagen, Jeff Schwalb, Dan Anders, Rob Nagels and Bud Gates.

by the team and is now undergoing acceptance testing to validate its operation.

"This team has done an excellent job of meeting operational requirements with current engineering technology that is off the shelf," Ball said. "They have provided a very useful and maintainable system to the China Lake range inventory of tracking instruments and are thus deserving of recognition for their efforts."

In the letters accompanying the award, McKinney acknowledged the achievements of each individual team member.

Tom Miller, project manager, was recognized for his dedication and perseverance that allowed the project to

reach its current stage of maturity.

Rob Nagels was honored for leading the demonstration and operational evaluation of the KTM-A system to meet range operations and customers' data requirements.

Lorraine Fagen received recognition for serving as a lead electronics technician and performing the acceptance testing of the prototype system. She also provided electronics hardware design and fabrication for the development and prototyping of the system.

Dan Anders was honored for serving as a lead operator and technician for implementing the film and video

Please see **TEAM AWARD**, next page

EIGHT DAY GEOMETRIC DIMENSIONING AND TOLERANCING WORKSHOP

9 THROUGH 18 JANUARY 1995
HERITAGE HOTEL IN RIDGECREST, CA

- Learn how to apply and interpret geometric dimensioning and tolerancing symbols.
- Grasp the changes and additions proposed by the new 1995 ANSI Y14.5 standard.

CALL George Pruitt for more information:

TECHNICAL DOCUMENTATION CONSULTANTS, INC.
P.O. BOX 1085, RIDGECREST, CA, 93556-1085
TELEPHONE: 619-375-3355



THIS WORKSHOP WILL NOT BE OFFERED IN RIDGECREST AGAIN UNTIL JANUARY 1996

TOYS from Page 1

by the Corps, but the foundation's name and the support it had provided caused some confusion, Marine Corps officials said. After the allegations became public, King was ousted from his job."

The article went on to say while there was nothing dishonest about the deal King made, it was a bad business decision, causing a financial loss to the foundation.

The new restrictions to the Marines are not a residual of the allegations, but due to the guidelines that were established in the Joint Ethics Regulations. "What these regulations say is that there are only two (campaigns) that we, the Department of Defense, can actively support," Moyer said. "They are the Combined Federal Campaign and, in our particular case here at China Lake, the Navy Marine Corps Relief Society. Of course the Army and the Air Force would support their own (relief societies)."

Moyer then noted that he has learned that this limitation is not acceptable to Marine Corps Headquarters. "They want to also substantiate the fact that we (the Marines) can participate in the Toys for Tots Program," he said. "And what I have learned is that the commandant has formally requested that the Joint Ethics Regulations be modified to include Marine Corps participation in the Toys for Tots Program. A decision has yet to be made on that."

But regardless of that decision, changes are still in store for the Toys for Tots Program.

"The guidelines in the Joint Ethics Regulations say that we have to get the community involved," Moyer said. "It has to be the community that provides the leadership, but yet, since it is a 'Toys for Tots' campaign, the Marines can, and should, and in our case we will, provide the necessary advisory capacity to the local community."

"The yardstick we kind of have to use is getting the

community together so they are the hub of the leadership, so if something should happen where no Marines are on this base, the needy children are still going to get their toys," he went on to say. "That's the bottom line — the children."

"The perfect situation that was cited in the messages that came out is to ask yourself the question if Desert Shield/Desert Storm was going to occur this Christmas season, would the community still have a 'Toys for Tots' program. If we were operating this year the way China Lake operated in the previous years, then I would have to answer 'no.' But this year, if I was asked that question, I think I can say 'yes, those children are going

to get their toys, even if there are no Marines here to help them out."

Moyer then noted that while the Marines cannot solicit cash donations, materials or services, or handle the money, they can act in an official capacity as speakers and have a representative on the community's Toys for Tots committee. Moyer also noted that he can authorize, on a limited basis, the use of government equipment and the Marines necessary to make use of that equipment in support of the campaign.

"There's no question on the validity or worthiness of this event," Moyer concluded. "Active duty and reserve Marines just have to act a little differently now."

Residents form Ridgcrest Toys for Tots Program

There will be a community-supported Toys for Tots Program this year. After Col. John J. Moyer, commanding officer of the Marine Aviation Detachment at China Lake, announced that due to the new Joint Ethics Regulations, Marines can no longer play as active a part in the program as they have in the past, about 50 concerned Ridgcrest residents worked together to form a Ridgcrest Toys for Tots Program.

Ann Ryan was elected chairman, while Lynn Garza was chosen to handle the data base for the program. Geri Thomas will be the treasurer and Kim Wright will be the secretary. Mary Jane Kilburn will be in charge of distribution. The Marine advisory representative will be 1st Sgt. Michael Jubrey.

Volunteers are still needed to help decorate and put out collection boxes and to help distribute the toys. Collection points are being planned at a variety of locations, including the NAWC China Lake Administration Building, Branch Medical Clinic, Michelson

Lab, NWC Credit Union, Ordnance Systems Department, Echo Range and the AV8-WSSA Building. Drop off points in Ridgcrest and Inyokern include Al & Reeds Ice Cream, Bank of America, Benchmark Cable, Bryant's Market, K-Mart, Mervyn's, News Review, NWC Credit Union (both locations), PG&E, Wal-Mart, Coldwell Banker, Daily Independent, Desert Christian School, Just Imagine Toy Store, Ridgcrest Hospital, Southern California Edison and Ridgcrest Cleaners.

For some local children the Toys for Tots gifts will be their only presents. Organizations, businesses and individuals are also needed to donate toys and money to buy toys. Financial donations can be mailed to Toys for Tots, P.O. Box 1485, Ridgcrest, CA 93555.

Parents wishing to include their children as recipients of this program can call the Toys for Tots Hotline, 371-8585.

For more information call Ryan at 384-4817.

BEST WESTERN ONTARIO AIRPORT

SPECIAL HOLIDAY RATE
FOR MILITARY PERSONNEL

\$40.00 SINGLE - \$44.00 DOUBLE

Our location is ideally suited for *Military* personnel flying out of Ontario.....or for family & friends coming in from out of town

- ◆ Best Western Features
- ◆ Queen, Double Queen or King Room
- ◆ FREE Shuttle to and from Ontario Airport
- ◆ FREE Continental Breakfast
- ◆ FREE HBO, ESPN, CNN
- ◆ Oversized Pool and Spa
- ◆ 24 Hour Restaurant on property
- ◆ Coffee makers in all rooms
- ◆ Discounts to area Restaurants
- ◆ Outlet shopping nearby with 10% discount

Note: When making reservations ask for "China Lake Holiday Rate"



BEST WESTERN
BEST WESTERN ONTARIO AIRPORT
209 NORTH VINEYARD AVENUE
ONTARIO, CALIFORNIA 91764
FOR EXPRESS RESERVATIONS CALL (909) 983-9600

100MHz 486 \$1,699

choice of towers

True Intel **DX4 100MHz** CPU, VESA bus with 16K CPU cache and 256K write-back external cache. Complete system with **256K** cache, system & video shadow RAM, 1:1 **340MB** high-performance hard drive, 4MB RAM, parallel & two serial ports, 1.2MB/360K & 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, Microsoft-compatible mouse, enh. keyboard, Windows 3.11, full DOS 6.22. No-hassle 3-year parts & labor warranty on complete system. Add a fast, **250ms** double speed MPC CD-ROM drive **\$139** or 250MB tape drive, **\$149**. Upgrade to VESA hard drive controller & S3 VGA Windows accelerator card, **\$50**. Super full tower case is standard, others avail.



rack cases available

VESA 66 & 80MHz 486 Power System

True Intel **66 & 80MHz 486 CPU** plus **VESA** bus makes this one of the fastest 486s. 8K on-CPU cache plus 256K fast write-back cache and system & video shadow RAM all work to improve performance. Complete system with **340MB** high-performance hard disk, VESA high-performance hard disk controller, 4MB RAM, one parallel & two serial ports, 1.2MB/360K & 1.44MB floppy drives, 1024 x 768 x 256-color VGA monitor & S3 Windows accelerator very-high-performance VESA VGA card, Windows 3.11 & mouse, full DOS 6.22, enh. keyboard. No-hassle 3-year parts & labor warranty on complete system. **66MHz** is now only **\$1,399**. **Economy system:** Same as above but with mini tower, 1-year warranty, no 1.2MB floppy only **\$1,259** 66MHz, **\$1,299** 80MHz.

Super full tower case is standard, others available.

With any of these three systems, upgrade to:

540MB hard disk drive, **\$59**
8MB RAM, only **\$185**
Windows for Workgroups only **\$29**

40MHz 486 only \$1,279

Complete system with **40MHz 486 CPU**, 256K cache, 4MB RAM, **340MB** high-performance hard disk drive, parallel & two serial ports, 1.2MB/360K & 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, MS-compatible mouse, enhanced keyboard, Windows 3.11, full DOS 6.22. Super cases: your choice of high-end towers or baby tower, desktop or rack (rack case costs more). No-hassle 3-year parts & labor warranty on complete system. Add a fast, **250ms**, 300KB/s, double speed MPC CD-ROM drive, **\$139**, or a fast **250MB** tape drive for just **\$149**.

Computing Technology's

Computer Store

251 Balsam St. 375-5744

Directory

Auto Hobby Center	11 a.m. to 8 p.m.	939-2346
Tuesday-Friday	11 a.m. to 8 p.m.	
Open Flex Friday	9 a.m. to 6 p.m.	
Saturday & Sunday		
Closed Mondays		
John Piroka, Manager		
Bowling Center		939-3471
Snack Bar		939-8865
Monday-Friday	10 a.m. to 8 p.m.	
Saturday, Sunday & Holiday	10 p.m. to 8 p.m.	
John Piroka, Manager		
Child Development Centers		939-4681
Monday-Friday	6:30 a.m. to 5:30 p.m.	
Closed Flex Friday		
Debra Oliver, Manager		
Crafts & Information, Ticket & Tour		939-3252
Monday-Thursday	10 a.m. to 7 p.m.	
Friday (including Flex)	10 a.m. to 3 p.m.	
Saturday	10 a.m. to 3 p.m.	
Closed on Sunday		
Pat Piroka, Manager		
Family Child Care (FCC)		939-4681
Monday-Friday	6:30 a.m. to 5:30 p.m.	
Closed Flex Friday		
Janet Presley, Coordinator		
Golf Course		939-3998
Daily	6 a.m. to dusk	
Snack Bar		939-2543
Sunday-Monday	6 a.m. to 7 p.m.	
Tuesday-Saturday	6 a.m. to 8 p.m.	
Tom Page, Manager		
Gymnasium		939-2334
Monday-Friday	5:30 a.m. to 9:30 p.m.	
Flex Friday	5:30 a.m. to 9:30 p.m.	
Saturday	8 a.m. to 9:30 p.m.	
Sunday & Holiday	10 a.m. to 6 p.m.	
Clear lane hours vary, depending upon the type of equipment being checked out.		
Dana Alloway		
Library		939-2595
Monday-Thursday	11 a.m. to 8 p.m.	
Friday & Saturday	Closed	
Sunday	10 a.m. to 6 p.m.	
Elizabeth Shantles, Librarian		
Male Office		939-2818
Monday-Friday	7 a.m. to 5 p.m.	
Closed on Flex Friday		
Movies On Up Center		939-2989
Monday-Friday	6:15 a.m. to 5:45 p.m.	
Closed on Flex Friday		
Letta Drake, Manager		
Pools		
China Lake Community Pool	927-3721	
Solar Park Pool	939-3980	
Hours are seasonal. Call the gym for specific hours.		
Dana Alloway, Coordinator		
SATO Leisure Travel		446-7751
Monday-Friday	8:30 a.m. to 5 p.m.	
Flex Friday	10 a.m. to 2 p.m.	
Sherry Clark, Manager		
Seafarer Club Office		939-8658
Monday-Friday	8 a.m. to 4 p.m.	
Closed Flex Friday		
CPO Lounge		
Monday-Friday	3:30 to 9 p.m.	
Closed Flex Friday		
Dining Room		
Lunch		
Monday-Friday	11 a.m. to 1 p.m.	
Closed Flex Friday		
Sunday Brunch	9:30 a.m. to 1:30 p.m.	
Pizza Sports Bar-Freddy's Place		939-2581
Monday-Thursday	11 a.m. to 10 p.m.	
Friday	11 a.m. to 11 p.m.	
Flex Friday	5 to 11 p.m.	
Saturday	5 to 11 p.m.	
Sunday	10 a.m. to 5 p.m.	
Pizza/Sandwich Delivery Hours (with a minimum order of \$10)	5 to 9 p.m.	
Bar/Club Bar		939-3166
Wednesday & Friday	4 to 9 p.m.	
Thursday of Flex Week	4 to 9 p.m.	
Phil Madrid, Manager		
Stables		939-3471
Monday-Friday	8 a.m. to 5 p.m.	
John Piroka, Manager		
Teen Center		927-TEEN
Monday-Thursday	10 a.m. to 9 p.m.	
Friday	10 a.m. to 11 p.m.	
Saturday	Noon to 9 p.m.	
Closed on Sunday		
James Morrison, Supervisor		
Youth Center		939-4884
Monday-Friday	7:30 a.m. to 5:30 p.m.	
Closed Flex Friday		
Letta Drake, Manager		



Alexis Scott, Director, MWR
Debra Poindexter, Head, Marketing

In the beginning...warm-up and cool-down keys to starting a successful fitness program

By Dana Alloway
Fitness Coordinator

There will never be a more important part of your exercise routine than the first few weeks. This is when you will begin habits that will determine the success of your exercise. The habits could be good or bad. Just as unfitness didn't come in a day, neither does fitness. Here's how to start a successful routine.

•Keep your heart rate in the lower half of your target heart rate. You will be working hard enough to make your heart stronger, but not overexerting.

•Measure your exercise by time only. If you measure your exercise by both time and distance, it encourages hurrying. While you might start with something reasonable, each day you would be tempted to push further or faster.

So try just going out to exercise for 20

minutes and do not worry about how far you go. Just watch your heart rate and put in your time.

•Slow down or rest if you need to. Some of you will find it impossible to keep going the entire 20 minutes. That is fine. The idea is to get stronger, and you will get stronger if you simply keep your body moving the entire 20 minutes.

For example, if you get tired after 10 minutes of bicycling, walk for awhile. Build up to the 20 minutes. If you swim, float for a while to rest and then try swimming again.

Do not worry if you are not up to 20 minutes at the beginning. The important thing is to keep going. If you stick with it, your endurance will soon get longer and you will be able to go the whole 20 minutes.

•Listen to your body. Occasional minor stiffness the morning after exercise is to be expected. It is a sign that you are getting into shape. Soreness may be a sign that you overdid it. You may need to

cut back a little, to go slow and easy. Listen to your body and you will get into shape.

•Warm-up and cool-down. Like an engine on a cold morning, your body needs a chance to warm up. A warm-up gradually prepares your muscles for exercise. Warming-up is especially important for exercise that requires quick bursts of effort, such as basketball or racquet sports.

Rather than plunging into exercise, take five minutes to gradually get your heart and breathing going faster. Start your normal exercise slowly and pick up the pace gradually.

When you finish your workout, your body needs a chance to cool down slowly. This means you should slow your heart rate gently. Do not stop abruptly by standing still, sitting, lying down, or bending over with your hands on your knees. Your heart needs to come gradually back to its resting rate. Keep moving but at a slower pace to cool down.

Children's Christmas party-a family tradition

The whole family can enjoy "Christmas Around the World" at the NAWS China Lake Youth Center Dec. 10, starting at 6 p.m.

Activities include Christmas goodies, crafts, games, Christmas carolling, visits with Santa and much more. Enjoy a fun family evening with games, crafts and goodies for all ages, says Debra Poindexter, MWR marketing head.

Three to six-year olds will have specially designed activities from 6-7 p.m. and seven to 12-year olds will enjoy activities from 7-9 p.m.

Admission is only \$3 per person for military, \$4 for DoD and \$5 for all others.

Advance tickets are available at the Youth Center from 7:30 a.m. to 4 p.m. during normal working days. For additional information, call Poindexter at 939-7135.

Adult skating time is now available for lunch-hour training

Adult skating time will be available at the NAWS China Lake Youth Center from 11 a.m. to 1 p.m. on normal working days.

"This is a fun way to exercise during the lunch hour," said Dana Alloway, MWR fitness coordinator.

Cost is 50 cents per person for military personnel and their dependents and \$1 per person for DoD personnel and their dependents.

All fees include roller skate rental.

Roller blading is also allowed for those who would prefer to bring their own roller blades.

Tables and chairs available to rent for your holiday party

Codes or individuals at NAWS China Lake needing folding tables and folding metal chairs for their holiday parties can now rent them from the Morale, Welfare and Recreation Department.

Daily rental fees are \$2 per table and 25 cents per chair. A returnable \$20 deposit is required.

For more information, call Paul Perrotta at 939-6542.

Exercise with step aerobics after work at China Lake gym

Step to the beat with step aerobics at the NAWS China Lake Gymnasium Monday through Thursday evenings from 5:15 to 6:15 and on non-flex Fridays from 4:15 to 5:15 p.m.

If the non-flex Friday is making up time for a holiday, the step aerobics will be held from 5:15 to 6:15 p.m.

The instructor is Denise Pinchem.

Monthly fees are \$23 per military personnel, \$25 per DoD personnel and \$27 for all others.

Daily fees are \$3.25, \$3.50 and \$3.75, respectively.

For more information, call the NAWS gym at 939-2334.



TEAM AWARD from Page 10

sensors required to meet operational requirements; while George Wiederhold was recognized for performing a large portion of the bench electronic fabrications and assemblies of the prototype.

Phil Martin was recognized as the lead electronics design engineer for the KTM-A implementation of target acquisition slaving, video synchronization and lens autofocusing, while Barb Banaszynski received recognition as the development technician on the program and for being involved in all phases of the KTM-A system fabrication.

Bud Gates was honored for performing the mechanical design required for thermal heat load studies and air conditioning design, as well as designing the mechanical structures for lens and camera supports.

Jeff Schwab was recognized for serving as the lead for software design and implementation of the system's operator interface, while Gary Etheridge received recognition for providing software engineering expertise to implement the real-time computer software that performs mount control, data collection functions and built-in testing to verify computer status and warn the operator of inoperative functions.

NAVY HOTLINE

Integrity, efficiency program
Call: 939-3836 (24 hours)

Surplus government property on display December 5, 6, 7 at Warehouse 41; auction Thursday, December 8

Local auction 41-5156 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Thursday, Dec. 8. The auction will begin at 9 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the more than 250 items to be offered will be PCs, Graflex cameras, printers, oscilloscopes, uninterruptible power sources, typewriters, lab equipment, plotters, electronic test equipment, scales and balances, and a Mithell 35MM MP camera.

The items will be on display for inspection Dec. 5, 6 and 7 from 7:30 a.m. to 2:30 p.m., and on Dec. 8 from

7:30 to 9:30 a.m. A complete list as well as sales terms and conditions can be seen at Building 1073, Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money order, traveler's check, etc.). Unless otherwise specified, purchasers will have until Dec. 15 to pay and remove items.

Because the Defense Reutilization and Marketing Office is located within the Naval Air Weapons Stations interior

security fence line, prospective bidders without a NAWS pass must stop at the main gate visitor's center and obtain a pass before coming aboard. Everyone must present photo identification and may be subject to vehicle inspection before being allowed entry onto the base.

Hours of operation at Sandqu Coast Gate are 6-8 a.m., 11 a.m. to 1 p.m. and 3-6 p.m. Those wishing to reach the DRMO at other times must use Lauritsen Gate. Both routes are indicated in the auction catalog. Naval Air Weapons Station will be closed Dec. 2 and 16 (alternate Fridays). For further details, contact Phyllis at Building 1073, Code 97, or call 939-2502/2538.

Special counseling offered during holiday period

By John Powers and Kathleen Stevens
Human Resources Department

The holiday season is normally a very special and happy time for all of us. Sometimes we forget that some of us have personal problems that cause us to experience the "holiday blues" during this joyous season.

Special counseling is being offered,

free of charge, for anyone who may feel the need to talk to someone. The counseling is available now and will continue through Jan. 15. No appointment is necessary, all a person has to do is to drop by during the hours listed below when our door will be open. The assistance offered is strictly on a confidential basis.

The door is open at the China Lake site, Human Resources Building

2335, 505 Blandy, Room 117, telephone 939-2480, Tuesdays and Thursdays from 8 to 11 a.m.

And at the Point Mugu site, the door is open at Building 2-825 (University of Laverne), telephone 989-7708/8161, Monday-Friday, 6 a.m. to 5 p.m.

Please drop by if you feel you need to talk to someone. We are there to help in any way we can.



AUTOCAD

• Competitive Pricing • Tech Support
• Training

AVC OM
1.800.672.2348 x144

Autodesk
Authorized Dealer

Please refer to code #PWN002
Autodesk, AUTOCAD and the Autodesk logo are registered trademarks of Autodesk, Inc.

Avoid a shocking holiday this year with Christmas safety ideas

It's that time of year again when we go running around looking for those perfect decorations for the holiday season. We pull them out of the closet, garage and even from under the bed. We then go out and get those old extension cords that have been around for years and run them all over the house. Have you forgotten that when you use electrical equipment you are exposed to voltages with the potential to injure and even kill? Faulty wiring, improper grounding and misuse of electrical outlets, plugs and cords are just some of the hazards that might cause serious shocks and burns. Take the following precautions to avoid these and other electrical hazards:

- Before use, inspect all the cords and outlets for defects. Use only equipment that is in good condition.
- Repair/replace worn or broken parts.
- Make sure that the equipment is in the "OFF" position before plugging it in and unplugging it.
- Don't kink, cut or crush any electrical cords.
- Don't run cords under carpets or near heating devices.
- Never modify three-prong plugs to fit a two-slot outlet or extension.

- Water and electricity don't mix, keep them as far a part as possible.
- Disconnect electrical equipment when not in use.
- Use only approved fixtures for outdoor displays.
- Use Ground Fault Interrupters (GFI) for damp locations.
- Turn off displays before going to bed.
- Keep kids and animals away from electrical cords and displays.

Grounding is one of the most important safety measures to take whenever you work with electricity. If faulty circuits or equipment allow current leakage, electricity will flow to the ground along the path of least resistance. Proper grounding ensures you are not that path.

In case of an emergency, turn the power off before you touch anything. Prompt action in an electrical emergency can save lives. Become familiar with Cardiopulmonary Resuscitation and First Aid. Know where the power panel is located and ensure that all circuits are marked.

So play it electrically safe this year and avoid that shocking holiday.

—Safety Office

Compu Chatter

By Donna Hanson
PC lab

The new program is full of great features and enhancements. You need a fast, powerful Mac as well as lots of disk space and at least 8 MB of memory to run the massive Word 6 at an acceptable speed. Word 6 requires System 7.0 or later. A full installation requires at least 25 MB of hard-disk space.

Improvements:

- The Glossary command has been replaced with the more straight forward AutoText feature.
- "Undo" now traces 100 steps.
- The Borders tool bar eliminates all those dialog boxes to get to borders, rules, and shading.
- Tables are much easier to create because of the addition of several Excel-like features. The Table AutoFormat command lets you pick from more than 30 preset table formats and apply them instantly. The Table AutoFit command automatically resizes a table to fit the width of your page.
- You can now view thumbnails in Print Preview and the Shrink to Fit command automatically tightens text and adjusts fonts to squeeze a document onto one less page.

New Features:

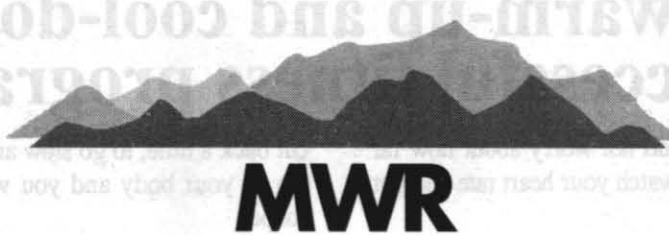
- Character-level styles allow you to apply multiple styles to a single paragraph.
- The AutoCorrect feature automatically corrects typos as soon as they appear on the

Word 6 is better than prior program

screen. You can even train it to correct your personal keyboard slips and set it to convert designated abbreviations to expanded text entries.

- Shortcut menus pop up on-screen and provide fast access to common commands.
- A macro-programming facility lets you automate various functions.
- Bookmarks allow you to mark and name portions of a document so you can jump directly to it later.
- A type styling tool called WordArt has been added.
- Expanded drag-and-drop features let you drag items from one document and drop them into another.
- With the Customize dialog box, you can turn any command into a keyboard shortcut, a menu item, or a tool-bar button. You can add any number of new menus, create new tool bars and even design your own toolbar buttons.
- The callout feature is great for creating text boxes and callout lines for labeling tables and figures.

Not everyone should upgrade. People who use most of the program's features and have a Quadra 610 or better will enjoy the added features. For users with older, slower Macs who don't care about all the bells and whistles, the upgrade may seem like a big, slow, and confusing nuisance.



THE INSIDER

Get into the holiday spirit with MWR

Christmas Tree Lighting Extravaganza



Building lawn.

The second annual Christmas tree lighting extravaganza will be held Dec. 8 from 5 to 8:30 p.m. on the Administration Building lawn.

Don't miss this holiday festival. The lighting of the Christmas tree will be done by Capt. Charles A. Stevenson, commanding officer, Naval Air Weapons Station China Lake. Mr. and Mrs. Claus will arrive by a special carrier. Holiday food, drink and children's games will abound.

Highlights of this event include free helium balloons, photos with Santa, reading of the Night Before Christmas, hot cider and popcorn, festive Mexican food to keep your tummies warm, and a goody bag walk for children. Free admission. For additional information call

Debra Poindexter, MWR marketing head, at 939-2602.

Karaoke Night

Enjoy an evening at the Seafarer Club Dec. 1 from 8:30 to 11:30 p.m. Special seating and music will be set up at Freddy's Pizza inside the club. No cover charge. This event is sponsored by MWR and El Charro Avitia Restaurant. Call 939-8658 for information.

Holiday Fitness Challenge

Four events to choose from. Weight Room Challenge, Swimmer's Splash, Bicycle Challenge or the Run Across the United States will definitely help keep you fit and trim during this holiday season. All entrants will receive a free locally designed t-shirt. Registration is at the gym's front desk. This is a seasonal program that will end Jan. 6, 1995. Fees are \$6 for military, \$8 for DoD and \$10 for all other personnel. For additional information, call the gym at 939-2334.

Snow Skiing Trip to Mammoth



On Dec. 22, MWR will provide transportation to Mammoth Mountain, one of the finest ski areas in Southern California.

Bring your own skis or rent them there. This trip is for military members only and limited seats are available.

Sign-up at Craftech. Fees for transportation are \$20 per person. MWR must have at least eight sign-ups in order to make the trip to Mammoth Mountain.

For additional information, or to reserve a spot in the van, call 939-3252.

Give Us A Ring For Classes This Spring at

CERRO COSO COMMUNITY COLLEGE

Register Early for Spring 1995 Classes!

COYOTE CONNECTION TELEPHONE REGISTRATION SYSTEM

The Fast and Convenient Way to Register
371-9601

Continuing Students and All Eligible Students Register Now Thru January 13th

Monday through Thursday, 8:30 a.m. - 9 p.m.
Fridays, 8:30 a.m. - 4:30 p.m.

For more information on counseling, financial aid, or enrollment fees call 375-5001

Spring Classes begin January 9.

CERRO COSO COMMUNITY COLLEGE

SynOptics **SIECOR** **AT&T** **GSA CONTRACTS***

ORTRONICS **CHIPCOM**

ANIXTER FEDERAL

(NAVAL IN-SERVICE ENGINEERING CONTRACT HOLDER)*

GOVERNMENT VISA AND MASTERCARD PROCESSING
IDIQ AND REQUIREMENTS CONTRACTS AVAILABLE

Over \$15 Million in local inventory to serve your data, voice and video needs.

CALL 1-800-654-3530

FAX 805-836-9199
6901-A District Blvd., Bakersfield, CA 93313

*AMP, BELDEN, DEC, IBM, 3M, NORTHERN TELECOM, TELCO SYSTEMS & MANY MORE MANUFACTURERS

MWR Holiday Calendar						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Holiday Karaoke Night — sponsored by El Charro Avitia at the Seafarer Club	2 Racquetball Tourney	3 Racquetball Tourney
4	5 Ornament Painting Workshop (Crafttech)	6	7 Children's Walk with Santa	8 Tree Lighting Extravaganza	9 Football Tourney	10 Children's Christmas Party
11	12 Ornament Painting Workshop (Crafttech) Children's Story Telling at Library	13 Children's Story Telling at Library Judging of Office Decorations Contest	14 Judging Office Decorating Contest Children's Story Telling at Library	15 Children's Story Telling at Library	16	17
18	19 Ornament Painting Workshop (Crafttech)	20	21 Teen Center Lock-in Party (members only)	22 Single Sailor/ Military Snow Ski Trip to Mammoth Mountain	23	24
25 Christmas	26 Free Golf at NAWS China Lake Golf Course	27	28 Baking Contest	29	30	31 New Year's Eve Bowling New Year's Eve Party at Seafarer Club

Happy Holidays from MWR

APARTMENT FOR RENT

Two Bedroom 1 bath, Surfside III. \$750 mo. Move-in \$750 w/ deposit. Available now. 987-7087.

HOMES FOR RENT

Three bedrm home, 2 bath w/ den, 2 car garage. Close to schools, shopping and both bases. \$950 mo. Move-in \$950 w/ deposit. Leave message. 487-3741.

COMPUTERS

Printer HP Deskjet 550C color inkjet with color smart driver, \$249; 16.7 million color abaton flatbed scanner with ADF asking \$299, both items in xcint condition, PC only. 488-7359.
Tandy 386SX Laptop, 60mb, with mouse and accessories, windows and DOS software included. Worth \$1,700, asking \$1,200/obo. 986-1911.
IBM PC, 386 DX, 33MHz, 4mb, ram, dual hard drive 120 and 80mb, tape backup, VGA monitor, dot matrix, Panasonic printer, various software. \$1,000. 483-8802.
Performa 200, 4mb ram, 80mb hard drive, software utilities, keyboard and mouse, 2 yrs old. Perfect for small spaces/students. \$625. Call after 5 p.m. 484-5071.
Intel 486 5x25 notebook computer. Like new in box. 4MB RAM, Modem pre-loaded with software, must see to appreciate, sacrifice \$1,000. 986-0925.
PC games - 386 MHZ \$20/\$25 per game; (4) CD Rom each \$30; simulation F-15III strategy (RR Tycoon), Role 5 space Quest V + 18 more. Call 984-1637.

MISCELLANEOUS

Pin ball, Pachinco vertical machine for sale, xcint condition. 482-7946.
Wanted-Empty baby food jars w/ lids. 659-5672.
Wanted-Football, basketball, volleyball and softball officials, call 488-5227.
Office furniture, desk computer stand, book case, and chairs, all xcint condition, reasonable prices. 482-0301.
Toys, little tikes, climb-in-slide, tree house, like new \$75. 986-3441.
Super Nintendo, 21 games, 3 ctrs. \$250. Nicole 986-3368.
Bicycles (2) both \$100; 1 brother word processor- used less 100 hrs, good for any student. Will train, \$200. 389-1960.
Craftsman 10" tablesaw 2hp like new stand w/ legs and casters, \$250. 484-0919.
Toddler car seat \$10, child bike seat \$15, rattan rocker \$15. 483-2845.
Wanted Star Wars toys and figures, call 482-9458.
Tires - (4) 16x60 less than 2,000 miles \$250; medium size car cover \$15. 483-2845.
Collectables/Antiques - 1935 antique singer sewing machine #221-1 with all attachments, lock stitch and button holer included, with black carrying case, \$550. 984-4489.

MOBILE HOME TO RENT

Mobile home (motor), master bedrm, extra bed, kitchenette, dinette, T.V., etc. For details call 984-6037.

CARS/TRUCKS FOREIGN

'73 VW, needs new motor. \$500/obo. Leave message 488-4838.
'86 Honda Civic Crx, 5 spd, 80k miles, red/gray interior, am/fm stereo, tint windows, runs great and very reliable, \$2,000. 984-7680.
'88 Nissan Stanza, 4 dr. sedan, 85k, ac, am/fm, ps, pb, white color blue interior, xcint condition. \$3,500/obo. 986-9830.
'84 Audi 5000s, 94k mi., gray needs some work \$1,800/obo, call after 4 p.m. 488-8905.
'87 Mazda truck B2200 p/u, a/l, new motor, clutch, brakes, Navajo shell, bedliner, \$4,100. 383-6922.
'78 Mercedes 450SL, \$15,900, call after 6 p.m. 647-4408.
'87 VW Scirocco 16v 5-spd, blk interior, am/fm cassette, ac, new tires, new trans, runs great - \$3,000/obo leave message. 983-7864.
'92 Nissan 240 SX, only 16k miles, custom wheels, 5 spd, looks great, fun to drive. Need money for school, asking \$10,500/obo. 484-8068.
'85 VW Cabriolet, silver, 86k miles, new tires, Kenwood pullout, 5 spd, well maintained, \$4,850/obo. 383-7108.
'71 Toyota Corolla 2dr. 4 cyl, 4 speed. Needs minor work, good condition for older car. \$550/obo, 484-8169.
'93 Nissan Sentra, 2 dr. 5 spd. air, power, alarm. Must sell, take over

TVs, STEREOs, & ELECTRONICS

Audio, JVC digifine pull-out car stereo, good condition, \$200/obo. Leave message 488-8006.

TRAILERS/RVs/VANS

'89 Alto 30 ft. has skirting awning etc., in senior park 3975 Telegraph Rd. #29 Ventura. \$7,950/obo. 650-9858.
'79 Ford van E-150, still has 302 engine. 986-0011.
Prowler vacation trailer, 21' fully contained, everything works \$1,500/obo. 484-3777.

SPORTING GOODS

'91 Kawasaki jetski 650SX, less than 25 hrs of use xcint condition with trailer, like new \$3,800. 985-3938.
Surfboard, 6'8"x19"x21"/2", new only used 2 times, paid \$375 asking \$325, Lv message 488-8006.
Bicycle, 10 spd. red, good brakes, tires good condition, \$100/obo. 985-4483.
Nishiki racing bike good racing rims, clip on aero bars and computer \$140/obo. 986-4712.
Ski machine - tony little one-on-one skier with video \$125. 488-4733.
Scuba gear all set up, 2 tanks plus extra, call pager 675-0476 + 99.

Classifieds

HOUSEHOLD

Satellite dish, 7 ft., good condition, used only six months, \$1,000/obo. Leave message 488-4432.
Loveseat \$25; couch \$15; arm chair \$25; stroller \$15; wedding dress (never worn xcint condition), call for more information 488-7770.
Antique wooden desk, cherry wood colored, very nice, great for office or study, asking \$300/obo. 986-1911.
Bedroom furniture mix and match 7-piece set, lighted shelves and plenty of drawerspace. Make an offer. 658-9952.
Kenmore, washer/dryer matching set \$250/obo; 2 futon chairs \$25; womens clothes all sizes. 445-9151.
Lawnmower McInane 3 h.p. front throw 5 blade with steel basket, cuts to 1/4" \$175. 499-2796.
Dining set solid glass tabletop w/ 4 wicker chairs \$60. 658-9952.
Kirby upright vacuum \$25; queen waterbed w/ mirror semi-waveless mattress \$50/obo; glass oval dining table w/ four wicker chairs \$75/obo. 382-1962.
Glass table-top and 4 chairs \$50/obo call after 5 p.m. 488-8641.
Desk office type wood with wood grain surface, dark brown, good condition \$79.987-4489.
Queen size mattress and box springs \$25; 9-drawer dresser \$25; 7' conference table \$35. call evenings 647-4961.
Hitachi VHS mechanically inclined, Camcorder, adaptor for TV, input output charger included with carrying case, problem with tape recording \$50. 986-9830.
Refrigerator good working condition, frost free \$150. 984-3996.
TV color - 15 yrs old, good condition \$25. 484-9230.
Dresser girls 6 drawer w/ mirror, desk w/ chair and nite stand. All xcint condition, all for \$250. 386-4250.
Piano, Sherman - Clay studio upright \$1,000/obo; drum set 5 piece without snaredrum \$500; DP2600 treadmill \$125/obo; queen head board \$80/obo. 488-0104.
JVC single, cd player \$50/obo vision; vision glass cookware by corning \$35/obo. 488-4733.
Stiffil genuine lamps pair with pleated shades \$50 each; Gucci ladies watch with papers and original box - perfect condition. 482-3057.

PETS

Cat/kittens, need loving home, rescued from pound 1 yr old (Birman) female, kittens 12 wks old (3 blk, 1 gray) for more info call 987-7922.
Dog bed, never used, removable, washable cover \$25. 388-3932.

APPLIANCES

Sears refrig. 17 cu. ft. frost free, coppertone, very good condition. 483-9071.
Kenmore refrig. 22 w/ water and ice dispenser, \$550; gas dryer Kitchen Aid, extra large \$200; Whirlpool washer extra large 1 yr old w/ extended warranty \$250; 382-0036.
Kenmore electric dryer, heavy duty, xcint condition 1 yr. old /top of line \$200/obo. 388-8820.
Gas dryer general electric, top of line, good condition. \$150. 482-6704.
Refrigerator- 16 cu. ft. white with ice maker, like new \$200. 529-3754.

Kenmore electric dryer, like new \$75. 382-1655.
Karaoke video \$99.95; karaoke tapes \$14. 986-8165.

LOST/FOUND

Prescription - sunglasses left in lobby Point Restaurant 11/3. 981-1750.
Still unclaimed - watch found at Point Mugu softball field, identify to claim. 529-3754.
Lost-Multi system VCR owner name & phone number, please call 986-2441.

TRUCKS

'72 Ranchero w/ shell, 429 engine 45k new tires battery, xcint condition \$4,500. 985-8821.

BOATS

14' boat & trailer \$350/obo 981-0158 or 985-8863.

ROOMS TO SHARE

Room for rent, N/Oxnard family home available now! employed, reliable person. \$350. mo. Call evenings 988-6142.
Room for rent/Oxnard home w/ bath. House priv. included laundry. Non-smoking military woman preferred, \$400 mo. + 1/2 util. 487-0694.
Room available now N/Oxnard full privileges, employed/reliable person \$375. mo. 988-6142.

MISSILE

4

DOMESTIC CARS

'92 Camaro, red, 5.0L, 35k orig mi, a/c, power windows, locks and brakes, 4 spd. auto, am/fm cassette stereo, \$11,500/obo. 483-1141.
'91 Ford Explorer, leather interior, cd player, sunroof, 2 dr, great condition, asking \$13,400. 658-8652.
'84 Ford Mustang LX, blue, 65k mi., automatic transmission, air, am/fm, 6 cylinder, good condition, asking \$3,195. 985-8004.
'68 Camaro RS, 4 spd, built 350, 355 Posi traction, rally wheels, new paint job, deluxe int. Needs brakes. \$6,000/obo. 485-4103.
'88 Mustang LX hatchback, immaculate condition, 4-cylinder, 5 spd. cd; chrome wheels, cruise control, power locks, steering, brakes. \$4,500. 482-6441.
'69 Classic Chevy El Camino SS396, auto, PS, PW, c/line, rims, runs great, includes xtra parts \$4,500. 524-3660.
'89 Geo Metro 73k, ac, automatic, \$2,700/obo good condition. 647-9612.
'69 Ford Mustang, current registration until spring '95, needs engine work, asking \$950/obo. 484-8068.
'83 Cadillac, Fleetwood, new top paint, runs good, beautiful interior, \$3,000/obo. 658-9051.
'94 Chevy 1/2 ton auto/air, custom rims, wheels, running boards, slide rear windows, am/fm cassette, below 50k miles (\$800.00 take over payments) 388-0330.
'69 Mustang fb, 040 all hp parts 350Hp + C4 w/shift kit, asking \$3,000/obo, pls leave message. 488-0104.

MOTORCYCLES

'81 Kawasaki KLT-200 ATC electric start \$350. 383-6809.
'83 Honda matic CM450, 15k, black w/ gold, \$600. 488-0734.

KNAS-TV Channel-8
Dec. 9-Dec. 15

Navy and Marine	A.M.	Midday	P.M.
Corps News	6:00	12:00	6:00
Patrol Aviation	6:30	12:30	6:30
New England	7:00	1:00	7:00
Alex. Liberman	7:30	1:30	7:30
Steel Boats	8:00	2:00	8:00
Navy Log	9:00	3:00	9:00
Christmas Preps. I	9:30	3:30	9:30

KNAS-TV Channel-8
Dec. 16-22

Navy and Marine	A.M.	Midday	P.M.
Corps News	6:00	12:00	6:00
Recruiters	6:30	12:30	6:30
Blue Angels	7:00	1:00	7:00
World	7:30	1:30	7:30
Tour	8:00	2:00	8:00
Navy Log	9:00	3:00	9:00
Christmas Preps. II	9:30	3:30	9:30

JUST CLIP & MAIL!

SEND US YOUR AD! JUST CLIP & MAIL!
Next issue will be Dec. 15. Ads running in that issue will run one week only.
Deadline: is Thursday, Noon, Prior to issue. Ads received after that will run Jan. 12.
Limit 2 ads per family — Ads must be 25 words or less

Point Mugu military, DoD civilians and family members
Personal/Miscellaneous ads only.

Ads will run in two issues unless cancelled by party. Ads will not be taken over the phone. Ads must have both home and work phone numbers; only home phone will be displayed. Complete the form and send by guardmail to Code 750000E, The Missile, or drop it off in room 128 at Bldg. 1 NAWSHqs.

PLEASE PRINT! All Sections must be complete and legible or the ad will not run.
Be brief and abbreviate wherever possible.

AD section: _____		
Ad to read: _____		

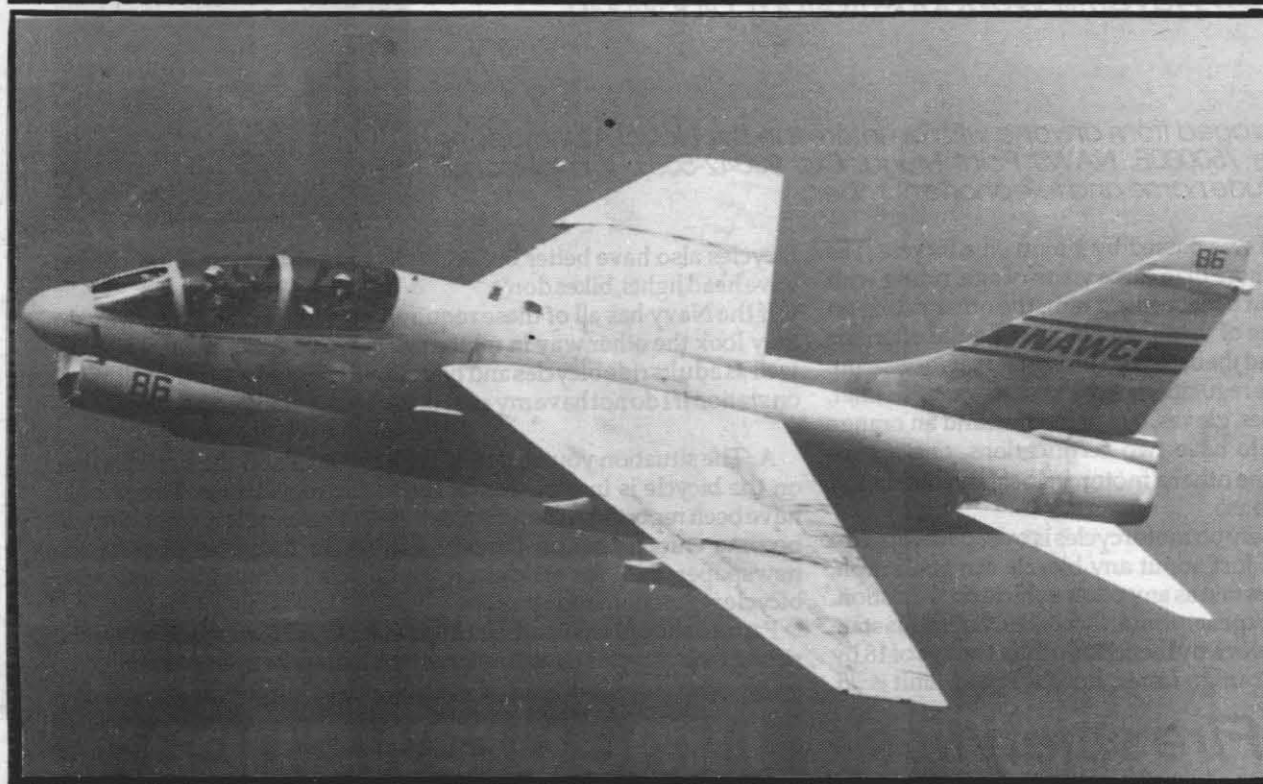
Name _____	Home# _____	
Address _____	_____	
City _____	Zip _____	Work# _____



Thursday, December 1, 1994

Naval Air Weapons Station, Point Mugu, Calif. 93042-5001

Volume 4 Number 87



(Photo by Vance Vasquez)

Cmdr. Robert "Danger" Noziglia, Officer In Charge, Weapons Test Squadron Point Mugu/Test Wing Pacific with Lt. Mike "Stormin" Norman waves good-bye as special crew in Bloodhound-86 an Naval Air Warfare Center Weapons Division EA-7L "Corsair II," drops his wing over Runway-21 at Naval Air Weapons Station Point Mugu during a high-speed fly-by for the last time.

Last operational Corsair IIs depart Point Mugu for retirement

By Vance Vasquez

Missile staff writer

Another moment in naval aviation history occurred Nov. 17 when Cmdr. Robert "Danger" Noziglia, Officer in Charge, Weapons Test Squadron Point Mugu/Test Wing Pacific with Lt. Mike "Stormin" Norman as special crew in Bloodhound-86 (aircraft callsign) an EA-7L "Corsair II," departed Point Mugu. Piloting Bloodhound-84 alongside to him was Lt. Michael "Slax" Merren, Assistant Aircraft Maintenance Officer with Steve Tack special crew as they lifted off Runway-21 in a section take-off for the last time on a clear, cold and windy day.

A group of military, civil service and Grumman Technical Services Division (GTSD) personnel gathered behind Hangar-351 to see the Corsair IIs depart for the last

time. Over the years GTSD contract personnel have played a major role in keeping these aircraft flying. "I'm proud to be a part of naval aviation history today," said Lt. Norman before manning the back seat of Bloodhound-86.

This historical retirement marked the end of 28 years of Corsair II flight operations for the U.S. Navy. These EA-7Ls are assigned to the Test Squadron Point Mugu under the leadership of the Test Wing Pacific, Naval Air Warfare Center Weapons Division (NAWCWPNS) Point Mugu. Point Mugu was the last operational user of the Corsair II in the United States.

Cmdr. Noziglia and Lt. Merren on their last training flight in the Corsair II headed first for NAS Lemoore, Calif., once the West Coast home for A-7 Corsair II fleet squadrons from 1967 to 1991. After a nostalgic trip to

NAS Lemoore, they pointed the Corsair IIs in the direction of the Aerospace Maintenance and Regeneration Center at Davis Monthan AFB, Ariz., for long-term storage of the aircraft and possible future sale to foreign countries.

"The A-7 Corsair II was Cadillac of the fleet," said Noziglia. The A-7 has seen combat in Vietnam, Grenada, Lebanon and more recently in Iraq during Operation Desert Storm.

After returning home Lt. Merren said that this was a nostalgic flight flying the Corsair II to the bone yard one last time.

The end for the Corsair II began Oct. 14 as Noziglia flew out in TA-7C (Bloodhound-82) to Naval Aviation Depot at NAS Jacksonville, Fla. This TA-7C will be reworked (Cont'd on page 3)



(Photo by Vance Vasquez)

A section take-off of EA-7Ls departs Runway-21 at Naval Air Weapons Station Point Mugu for the last time. Piloting Bloodhound-86 was Cmdr. Robert "Danger" Noziglia and Lt. Mike "Stormin" Norman. Bloodhound-84 was flown by Lt. Michael "Slax" Merren and Steve Tack.



(Photo by Vance Vasquez)

This line-up of Corsair IIs, will no longer be seen at Point Mugu. Two TA-7C's (right) and three EA-7L Corsair IIs (left) behind Hangar-351 at NAWS Point Mugu are in between flight operations, Oct. 12.

Viewpoint

Ask the Skipper...



by Capt. Selwyn S. Laughter, USN
Commanding Officer,
Naval Air Weapons Station Point Mugu

Questions are encouraged from anyone with an interest in the Naval Air Weapons Station. Write to Code 750000E, NAWS Point Mugu, Ca. 93042-5001. If a personal response is desired, include name and telephone number.

Q: On my way to lunch, I was passed by a man on a bicycle. The man had two children, not more than three years of age, riding with him on the same bike. One in a seat behind him, the other riding on the bar in front of him. None of them had helmets. I quite often see people riding bicycles around the base with little or no safety gear on. I ride a motorcycle daily. The regulations say I have to wear a helmet, long sleeves, hard soled shoes, gloves, eye protection and an orange reflective vest. I also have to have two certifications, one a state motorcycle drivers license, the other a motorcycle safety foundation class certification offered on base.

I do not feel the issue of safety on motorcycles is over done. But I do see a double standard here. Just about any bicycle can go 35 mph. That means they can go just as fast as any other vehicle on the station. Bicycles have very little safety gear, primarily brakes. California state law will require helmets be worn by bicyclists under the age of 18 by Jan. 1. Granted motorcycles can go faster, but the speed limit is 35.

Bicycles also have better breaking distance than a car. Motorcycles have head lights, bikes don't.

If the Navy has all of these requirements for motorcycles, why do they look the other way in matters of bicycle requirements? Kids as well as adults ride bicycles and have accidents daily. I am not allowed on station if I do not have my gear on. Why the double standard?

A: The situation you observed with the man and the two children on the bicycle is in violation of the traffic regulations. This should have been reported to Security, ext. 7907. The bicycle helmet law will become enforceable on January 1, 1995. In future editions of the newspaper, look for articles on the Bicycle Helmet Law and other bicycle regulation information.

Parents should ensure their children ALWAYS wear helmets while riding their bicycles as well as for rollerblading (or in-line skating).



Reminder: Fire safety tips

From Pat Carey Jr

The Naval Air Weapons Station Fire Department would like to wish everyone a safe, happy and healthy holiday season and asks that you read and practice the following holiday safety tips. The year end holiday season—Thanksgiving, Christmas, Hanukkah, Kwanza, New Years—is a prime time for residential fires. Decorative lights, candles, parties where people drink and smoke, and the onset of the heating season all increase the likelihood of fire.

- Keep matches and lighters out of children's reach - up high and preferably in a locked cabinet. Teach young children to stay away from candles, fireplaces, and space heaters. Older children should be taught how to light candles and fireplaces safely and should do so only under direct adult supervision.

- Be sure all decorative lights, indoor and outdoor, bear the label of an independent testing laboratory. Replace any light sets that have cracked or frayed cords or loose connections. Do not overload outlets or run extension cords under carpets, across doorways, on or under heaters or pinched behind furniture. Unplug all decorative lights before leaving home or going to bed. Never use electric lights on a metal Christmas tree.

- Choose a fresh Christmas tree. If you are not cutting your tree yourself, buy one that is not shedding its needles. Cut your tree trunk at an angle, and put it in a large, deep, non-tip stand. Set up your tree away from exits, fireplaces, and heat sources. Be sure your tree has water constantly. If you use an artificial tree, be sure it is labeled as being flame-retardant.

Also, please remember the restrictions in NAWSPMUGUINST 11320.2 regarding holiday decorations in buildings other than housing. This instruction prohibits the use of, dead or cut vegetation, (including cut Christmas trees), cotton, plastic, cloth, expanded foam, paper or other combustibles within buildings as decorations unless such decorative material has been made fire retardant by an approved process. Never hang decorations from fire equipment such as fire extinguishers, sprinklers, fire alarm components, etc.

If you have any question regarding decorations please contact the NAWSPMUGU Fire Prevention Office at 989-7344.



Time draws near

To be in compliance with California state law, Capt. Selwyn Laughter, NAWSPMUGU Commanding Officer, and the Security Department want to remind parents and children that on Jan. 1, all persons under the age of 18 should be wearing a bicycle helmet when riding a bike. Bicycle helmets should meet the standards of the American National Standards Institute.

Effective Jan. 1 this will be enforced on the Naval Air Weapons Station at Point Mugu. Turn to page 3 for purchasing information.

Hanukkah festivities to be celebrated

In the year 168 BC, Antiochus Epiphanes, King of Syria, conquered Jerusalem, extinguished the lights of the seven branch oil lamp, the Menorah, and placed idols in the Jewish Temple. Three years later, under the leadership of Judah Maccabeus, the Jews drove the forces of Antiochus out of Jerusalem, removed the idols from the Temple and rekindled the Menorah.

The olive oil used for the Menorah was sufficient for only one day. However, a miracle occurred, and the oil lasted for eight days. Hence, Hanukkah is celebrated for eight days.

According to prevailing tradition, on the first night of Hanukkah one light is kindled and the appropriate blessings recited. On the second night, two lights are kindled and on the third night, three lights until the eighth night when all eight lights are kindled.

There are several temples in the county where Point Mugu area Jewish residents may worship and celebrate Hanukkah. The worship schedule follows:

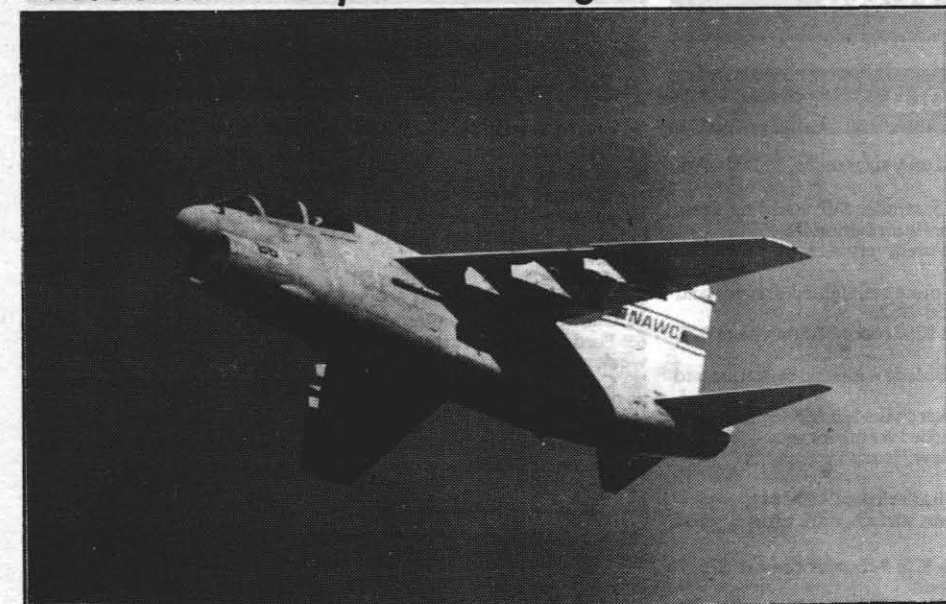
- Temple Adat Elohim, located at 2420 East Hillcrest in Thousand Oaks with Shabbat Worship - Fridays at 8 p.m. and Saturdays at 11 a.m.

- Torah - Saturdays at 9:15 a.m. and a Community Hanukkah Service - Dec. 2 at 7 p.m.

- Temple Beth Torah, located at 7620 Foothill Road, Ventura with Shabbat Worship - Fridays at 8:15 p.m. and Saturdays at 10 a.m. Minyan - Sunday at 8:15 a.m., Torah - Thursdays at noon. For Hanukkah services, call 647-4181.

Classified Ads running in the Dec. 15 issue will run one time only. Ads received after Dec. 8 will run Jan. 12.

Last Corsair IIs depart Point Mugu.... (Cont'd from page 1)



(Photo by Vance Vasquez)

A NAWCWPNS EA-7L departs for retirement.

and then sent to the Royal Thai Navy under the Foreign Military Sales Program. Ex-Bloodhound-82 will be used as a trainer until the first reworked Royal Thai Navy A-7E Corsair II is completed and ready for testing.

Point Mugu Corsair IIs have supported many functions including photo chases for Tomahawk cruise missiles, carrying refueling pods for air-to-air refueling of naval aircraft, and numerous other missions supporting projects

at Point Mugu.

NAWCWPNS Point Mugu inherited two TA-7C's from Naval Air Warfare Center Aircraft Division Patuxent River, Md., in 1993.

There were 1,000 Navy Corsair IIs produced from 1964 to 1982. The A-7A, B, C and E models of the Corsair II were "single-seater," while TA-7C and EA-7L were "two-seater" aircraft. The TA-7C was designed to train new Navy pilots, while the EA-7L was modified (TA-7C) for use in elec-

tronic countermeasures to jam ships and aircraft radar during Navy fleet exercises.

The QF-4N "Phantom II" will take over the support role of the Corsair II at Point Mugu.

While the Corsair II may no longer be an active part of Point Mugu flight operations, one ex-PMTCTA-7C is currently being operated by Thunder Bird Aviation based at Deer Valley Airport, Tucson, Ariz., supporting projects for the military.

28 years of service ends for Navy... (Cont'd from page 1)

Attack Squadron Three Zero Five (VA-305) known as the "Lobos" a former Navy Reserve squadron based at Point Mugu, also operated the Corsair II. VA-305 took delivery of their first A-7A in 1972. The Lobos traded in the older A-7A model for the newer A-7B Corsair II in late 1978.

They operated the A-7B until 1986 when the Lobos became Strike Fighter Squadron Three Zero Five (VFA-305) and received their new FA-18A "Hornet."

The former Pacific Missile Test Center at Point Mugu received two new TA-7Cs from the factory in 1980. Capt. Jim Hickerson, head of the Weapons Sys-

tems Test Department then was the first pilot to fly the two-seat Corsair II (Bloodhound-85) to NAS Point Mugu in 1980. These two TA-7C replaced three A-4 "Skyhawks" used to support Point Mugu missions.

Tactical Electronic Warfare Squadron Thirty-Four (VAQ-34) known as the "Flashbacks" accepted their first TA-7C in 1983 at Point Mugu. In 1985 VAQ-34 received another variant of the Corsair II, the EA-7L. The EA-7L is modified to carry five different Electronic Warfare jammer/emitter pods. All modifications were internal and consisted of wiring and cockpit displays. VAQ-34

operated one A-7E in 1991 as the squadron began its move to NAS Lemoore.

During Operation Desert Storm in 1991, the Navy's last A-7E fleet squadrons (VA-46 and VA-72) based at NAS Cecil Field, Fla., deployed aboard USS John F. Kennedy (CV 67) closing out their last combat mission. A-7Es flew combat missions knocking out Iraqi radars using HARM air-to-surface missiles during Suppression of Enemy Air Defense (SEAD) missions. The two Corsair IIs flew 731 sorties. Cluster Bomb Units (CBU) were used in Kuwait against Iraqi military targets, troops and truck targets.

Toys for Tots drive has begun

The Naval Air Weapons Station Fire Department will hold the annual Toys for Tots drive this year. Barrels will be set up at the fire station on 11th Street. New unwrapped toys may be dropped off at any time through Dec. 22. For additional information call the Fire Prevention Office at ext. 7034.

Santa Claus is coming to Point Mugu

Santa Claus will visit the Exchange at Point Mugu in December. Parents wishing to have their children meet him can bring them to the Exchange Dec. 17 and Dec. 19 from 10 a.m. to 6 p.m.

Santa Claus will make his annual visit through housing again this year. Your children will get to see him

ride through housing accompanied by Sparky the Fire Dog. He'll be passing out candy canes to every child. The trek through housing begins each night at 6 p.m. Santa's schedule follows.

Dec. 20 - Santa Rosa
Dec. 21 - Santa Cruz, San Miguel and Anacapa
Dec. 22 - Catalina Heights.

TSP Open Season is here

The Thrift Saving Plan (TSP) Open Season began Nov. 15 and will continue until Jan. 31. During the open season employees have the opportunity to change their current enrollment, or make an initial application to start participating in TSP.

FERS Employees TSP is the third part of a FERS employee's retirement plan. Personal contributions to TSP by FERS employees are a very important part of their future financial security. Employees receive an automatic government contribution of one percent of their basic pay to the TSP. In addition, the government will match any contribution that employees make to TSP up to four percent of basic pay.

FERS employees may

contribute as little as one percent of basic pay per pay period, or even a smaller, fixed-dollar amount, such as \$5 per pay period, and still get a government matching contribution. Employees contributing five percent of basic pay receive government contributions of five percent, making a total of 10 percent of basic pay going into their TSP account.

FERS employees can contribute as much as 10 percent of basic pay, and with the government contributions, can have a total of 15 percent of their basic pay going into their TSP account. All contributions to TSP and interest are tax deferred.

CSRS Employees CSRS employees may contribute up to five per-

cent of their basic pay. CSRS employees do not receive any matching government funds, but all of the contributions to TSP, and interest, are tax deferred.

CSRS and FERS employees can invest their contributions in any of the three investment options (C, F, or G Funds).

Enrollment or changes will be effective the beginning of the first pay period in January, (Jan. 8) if received before that date. Elections should be submitted to an employee's personnel management assistant team by Dec. 31 to allow time for processing.

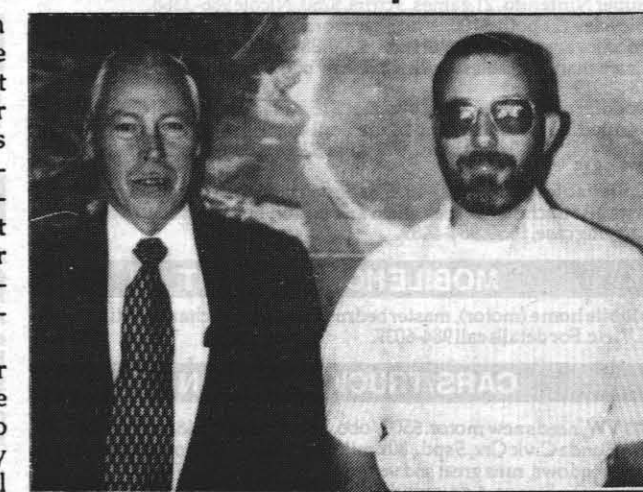
Employees who want to change their current enrollment or begin participating in the TSP program should contact their PMA team.

Meritorious Unit Commendation presented

Congratulations are in order for Tom St. George and John Harris, recent transferees to the Naval Air Warfare Center Weapons Division Message Distribution Center, who received a Meritorious Unit Commendation from their previous command at Naval Communication Station, San Diego, Calif.

The commendation is for meritorious service for the period of December 1987 to October 1990 while they were assigned to the Naval Telecommunications Center, Point Mugu.

There was a delay in the award process. In part the citation read, "Creative management and thorough planning resulted in the successful integration of an Antisubmarine Warfare Communications Support Center and a new Naval Telecommunications



(Photo by Vance Vasquez)

John Harris (left) and Tom St. George (right).

Center and set the stage for consolidation of telecommunications and automated data processing disciplines.

Family Service Center needs your donations

Last year the generosity of the military and civilian personnel at Point Mugu enabled the Family Service Center to provide more than 220 military families with Holiday baskets.

The Family Service Center is again coordinating the Holiday program in an effort to extend help to those in need.

Commands, departments and individuals are welcome to make donations, either monetary or dry/canned goods to the Family Service Center. Any surplus food donations help to stock an ongoing year-round emergency Food Locker available to military families through

the Navy Marine Corps Relief Society. New unwrapped toys are also needed in an effort to bring joy to children at Christmas for families in need.

Nominations for families in need may be submitted to the Family Service Center. Submit the family name, number of dependents, address and home/work telephone number. Families will be contacted and food baskets will be distributed.

Donations are accepted at the Family Service Center, Bldg. 124 behind the Chapel complex, or for information call the center at 989-8146. Please make checks payable to All

Chiefs Association.

Bike helmet offer

Effective Jan. 1 children under 18 living aboard the Naval Air Weapons Station Point Mugu should wear a bike helmet when riding their bike.

To help with this purchase the Point Mugu Navy Exchange is offering a 20 percent discount on all bike helmets and protective vests. Starting Dec. 4 and continuing through Dec. 10 parents can take advantage of this special offer.



•Commander•
Rear Adm. Dana B. McKinney
•Commanding Officer•
Capt. Selwyn S. Laughter

Missile Staff

Public Affairs Officer
Alan Alpers

Editor
Pat Hollenbaugh
Staff Writer/Photographer
Vance Vasquez
JO2 (SW) Stephen Robinson
Editorial Assistant
Sakinah Rahman

THE EDITORIAL CONTENT OF THIS NEWSPAPER IS PREPARED, EDITED AND PROVIDED BY THE PUBLIC AFFAIRS OFFICE OF THE NAVAL AIR WARFARE CENTER WEAPONS DIVISION, POINT MUGU. This newspaper is an authorized publication for members of the military services and their families for NAWCWPNS/NAWS and tenant commands. The opinions expressed are not necessarily those of the U.S. Government, the Department of Defense, U.S. Navy, Commander Naval Air Warfare Center Weapons Division, Naval Air Weapons Station, or the editorial staff. The Missile solicits contributions of information for publication. However, it reserves the right to edit or rewrite material submitted. Classified ads are open at this time to active duty military, family members and DoD civilian employees at Point Mugu for placing of personal items for sale/miscellaneous ads. This policy is subject to change. Deadline for editorial copy, photographs is two weeks prior to publication. Deadline for classified ads is noon, one week prior to publication date. Editorial Offices are located in Building 1, NAWS Headquarters, Rooms 128 and 130, Point Mugu, CA 93042-5001. Telephone: 805-989-1704.



THE MISSILE
IS PRINTED ON
RECYCLED PAPER

authorized: Yes. **Summary of duties:** The incumbent serves as Head, EC Range Software Branch. The mission of the Branch is to develop software that supports the modernization/maintenance of modeling/simulation and real-time and post-test data processing capability at the Electronic Combat Range and within the Competency. The incumbent's duties will include management of Branch resources, and supervision of personnel, to satisfy the needs of the Competency and Branch customers; and oversight of technical projects/efforts; willingness to support SPIL, commonality and CAO principles and initiatives. **Quality-Ranking Factors:** Knowledge of and experience concerning open air range operations, software development management, project management, weapons simulation; knowledge of FORTRAN/C/Pascal programming languages, knowledge of affirmative action principles, including a willingness to implement EEO practices, and the ability to perform as a first-line supervisor, communicate both orally and in writing, work effectively across organizational boundaries and as a member of a team, and interface with and make presentations for NAWCWPNS management and sponsors; ability to meet the DAWIA mandatory training, experience, and education for level III requirements for the Test and Evaluation Acquisition Career Field within 18 months of entering position; selectee must be a current member of the Acquisition Professional Community or obtain membership or waiver prior to entering the position. The incumbent must be able to obtain and maintain a Top Secret clearance. The work schedule for this position is first-forty, Monday through Thursday.

Note 2 & 4 applies.

CHINA LAKE SITE ONLY

No. 77-002-SS4, Secretary (Typing), DG-318-2/3, Code 771000D (003), Office of Counsel, General Law Section—Area of Consideration: China Lake. **Opening Date:** 12-1-94. **Closing Date:** 12-15-94. **Selecting Official:** Russell Spindler, (619) 939-2918. **HRD Contact:** Sharon Stratton, (619) 939-8105. **Permanent Change of Station Authorized:** No. **Summary of Duties:** Incumbent reports to the Associate Counsel for General Law and provides secretarial support to the Office of Counsel Attorneys and support staff. In addition to working closely with members of the Procurement, Public Works, and Human Resources Departments, this position involves interaction with all levels of management and off-site customers. Incumbent will perform the full range of secretarial and administrative support duties including answering and placing calls, making travel and training arrangements, maintaining and coordinating attorneys' calendars, typing and reviewing correspondence, reports, and other documents ensuring accuracy of spelling, punctuation, grammar, and format, composing correspondence, processing forms, tracking contracts and other documents for counsel review, time keeping, and maintaining supplies. **Quality-Ranking Factors:** (1) Knowledge of Navy policies, practices, and procedures; (2) knowledge of and experience on a PC is desirable; (3) ability to perform full

range of secretarial/administrative support duties, including calendar management, telephones, travel, conferences, files and records systems; and (4) ability to communicate orally and in writing.

Note 1 applies.

No. 82-003-JJ5, (1) Secretary (Typing), DG-0318-4, Physical Security Department, Code 824000D. Area of Consideration: NAWCWPNS China Lake site. **Opening Date:** 12-1-94. **Closing Date:** 12-15-94. **Selecting Official:** Bill Deem, (619) 939-2314. **HRD Contact:** Brenda Stuart, (619) 939-2883. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Provides secretarial and administrative support to the Department Head, Head of Staff and Safety Office staff. Proficiency with both IBM and MAC computers desirable. **Quality-Ranking Factors:** Ability to perform receptionist and telephone duties; track, screen and distribute incoming mail; review outgoing correspondence; compose correspondence and/or prepare non-technical reports; train clerical personnel and organize workload of clerical staff processes; plan and coordinate travel arrangements; maintain and coordinate supervisor's calendar and arrange conferences. **Note:** The selectee must be able to obtain and maintain a Secret clearance.

NATIONWIDE/DOD APPOINTABLE EMPLOYEES

No. 56E-006-4-BD-2 (3) Electronics Mechanic, WG-2604-10/11, Test Wing Pacific Point Mugu Weapons Test Squadron Aircraft Maintenance, Aircraft Target Maintenance, Code 562200E—Area of Consideration: DOD Appointable Employees Nationwide. **Opening Date:** 11-17-94. **Closing Date:** 12-19-94. **Selecting Official:** E. W. Bibb. **HRD Contact:** Julie Simental, (805) 989-3306. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Performs organizational and limited intermediate-level maintenance of complex QF-4 aircraft targets and related systems. Performs removal/installation, disassembly/assembly, modification, troubleshooting, test, and repair of all electrical/electronic equipment/systems used in aircraft targets. This includes communications, navigation, radar altimeter, autopilots, drone command and control, augmentation devices, and experimental systems as required. **Screen-Out Element:** Ability to do the work of the position without more than normal supervision. **Quality-Ranking Factor:** Knowledge of organizational intermediate-level aircraft target maintenance pertaining to the aircraft electrical/avionics systems.

No. 56E-001-4-BD-1, (5) Aircraft Mechanic, WG-8852-10/11, Test Wing Pacific Point Mugu Weapons Test Squadron Aircraft Maintenance, Aircraft Target Maintenance, Code 562200E—Area of Consideration: DOD Appointable Employees Nationwide. **Opening Date:** 11-17-94. **Closing Date:** 12-19-94. **Selecting Official:** E. W. Bibb. **HRD Contact:** Julie Simental, (805) 989-3306 (DSN 351-3306). **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent performs organization-level maintenance, modification, and repair of complex aircraft target

systems. Performs inspection, removal, installation, disassembly/assembly, and repair as well as operational and functional testing of aircraft target drone ordnance, propulsion, egress and environmental systems, with primary emphasis in the area of pneumatics, jet hydraulics, and structural systems. Performs preflights, postflights, and daily turn-around inspections; provides launch, recovery, service, and ground-handling for target aircraft. **Screen-Out Element:** Ability to do the work of the position without more than normal supervision. **Quality-Ranking Factor:** Knowledge of organization/limited intermediate-level aircraft target maintenance.

NATIONWIDE/CURRENT APPOINTABLE DOD EMPLOYEES

No. 836042AR4, (1) Publicity Assistant, GS-303-5/6/7, Naval Air Weapons Station, Morale, Welfare, and Recreation Department, Administration, Code 836000E—Area of Consideration: Current Appointable DOD Employees Nationwide. **Opening Date:** 11-17-94. **Closing Date:** 12-15-94. **Selecting Official:** John Gerard, (805) 989-7509. **HRD Contact:** Adela Ramirez, (805) 989-3229. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent provides short- and long-term detailed publicity and marketing planning and implementation of special events programs. Coordinates with MWR managers program efforts for special events at various facilities to maximize participation and attendance by base personnel and all other authorized patrons. Ensures adequate and effective pre-event coverage for all activities. Develops promotional material to include news release articles for the base newspaper, television spot announcements, photography, flyers, posters, banners, and marquees. Plans, develops, and directs the marketing program for corporate support for the annual Point Mugu Air Show. Uses computer for word processing and computer-generated graphics to produce camera-ready copy. Develops, prepares, maintains and updates finished audio-visual presentation packages to serve a total marketing program. **Quality-Ranking Factors:** Ability to plan, develop, and administer a comprehensive marketing and public relations program on an ongoing basis for a large, diverse recreational organization.

NATIONWIDE/CURRENT PERMANENT DOD EMPLOYEES

No. 833-040-MG4, (1) Electric Power Controller, WG-5407-11, Naval Air Weapons Station, Public Works Department, Maintenance Division, San Nicolas Island, Code 833711E—Area of Consideration: Current Permanent DOD Employees Nationwide. **Opening Date:** 11-17-94. **Closing Date:** 12-15-94. **Selecting Official:** Rudolph Alcantar, (805) 989-7081. **HRD Contact:** Mary Lou Gutierrez, (805) 989-3230. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** Incumbent oversees transfer of diesel fuel oil, operates pumps and valves to control transfer to day tanks

via centrifuge and strainer system to prevent introduction of impurities. Controls operation independently or in combination, 1 each, 1000kW; 2 each, 500 kW; or 2 each, 750 kW, and 2 each, 230 kW; 1 each, 150 kW diesel-driven generators. Checks temperature of bearings by feel and visual inspection. Takes combustion readings to determine internal-engine operating conditions. Adjusts and controls engine speeds, checks plant-related equipment for handling and purification of diesel fuel checks and lubricating oils, including fuel injection pumps, filters, etc. Inspects operation of engine cooling system, which includes heat exchangers. Maintains engine temperatures within prescribed range. Conducts visual analysis of exhaust gas and helps make adjustments to maintain efficient combustion. **Screen-Out Element:** Ability to do the work of the position without more than normal supervision. **Quality-Ranking Factors:** Working knowledge of the operation of diesel engines, power plant equipment, and machinery (i.e., lubricating and fuel oil systems, AC and DC generators, metering and control devices, and switch-board operation and practices).

***No. P07-029-MG4, (1) Industrial Hygienist, GS-690-11, Naval Air Weapons Station, Occupational Safety and Health Office, P0713—Area of Consideration:** Current Permanent DOD Employees Nationwide. **Opening Date:** 7-28-94. **Closing Date:** 12-15-94. **Selecting Official:** Martin Himmelstein, (805) 989-7867. **HRD Contact:** Marcela Zaragoza, (805) 989-3235. **Permanent Change of Duty Station Authorized:** No. **Summary of Duties:** The incumbent manages and directs the Asbestos Laboratory operations to identify and count asbestos fibers. The incumbent works closely with the Public Works SMART Team scheduling asbestos rep-outs and removal actions, then reading and analyzing clearance samples with a phase-contrast microscope. The incumbent also reviews contractor-hired industrial hygienist's qualifications, making recommendations as to their suitability. Performs professional and scientific work in industrial hygiene, identifying and evaluating conditions effecting the health of the workforce. Consults as necessary with Naval Medical Clinic occupational health professionals on the identification, evaluation, and control of exposures to toxic materials or harmful physical agents. Incumbent reviews plans for new facilities and new procedures during the development phase to ensure that adequate measures for the prevention of occupational health hazardous and diseases have been incorporated, including attending ROICC-precon briefings. Incumbent provides primary directors of Hazard-Specific (Hazardous Materials) Training to NAWC/NAWC supervisors and prepares briefings for NAWC Safety Policy Board. Incumbent may serve as Assistant Radiation Safety Officer. **Quality-Ranking Factors:** Knowledge of industrial hygiene concepts, principles, and practices applicable to conduct a wide range of operations and processes in occupational health areas.

***Note:** Readvertised to extend closing date. Previous applicants need not reapply.

NAVAL AIR WARFARE CENTER WEAPONS DIVISION ANNOUNCEMENTS

ALL NAWCWPNS SITES GENERAL ANNOUNCEMENTS

THRIFT SAVINGS PLAN (TSP) RATES OF RETURN

According to the latest TSP fact sheet, the rates of return for the three investment funds were

	C Fund	F Fund	G Fund
October 1994	2.24%	(-1.0)%	0.65%
Last 12 months	3.86%	(-3.71)%	6.82%

*Numbers in parentheses are negative.
C Fund—Common Stock Index (Stocks)
F Fund—Fixed Income Index (Bonds)
G Fund—Government Securities

TRAINING COURSE CATALOG

The NAWCWPNS FY95 Training Course catalog will appear in the 12 January edition of the Rocketeer and the Missile. Remember to pull this section out for future reference.

TWENTY-THREE EMPLOYEES GRADUATE FROM TECHNICAL TRAINING PROGRAMS

On 22 September, a ceremony was held to honor the recent graduates of the Naval Air Warfare Center Weapons Division Technical Manager's Certificate (TMC) Program, China Lake; Technical Manager Development Program (TMDP) Point Mugu; Systems Engineering Certificate (SEC) Program, China Lake; and Systems Engineering Development Program (SEDP), Point Mugu. Sterling Haaland, Head, NAWCWPNS Engineering Group, was on hand to give the 23 graduates their certificate of accomplishment plaques.

The SEC/SEDP graduates included Richard Schultz, Robert Sutton, Son Nguyen, Charles Barakat, Irene Katzenstein, Joseph Bickley, Sharon Keyes, Thomas Lamb, Jeffrey Clark, John Martin, and Michael Stokes.

The TCM/TMDP graduates were Carol Meade, Barbara Peterson, Debra Zamarron, Jeffrey Roquemore, Mary Feldman, Richard Hoery, Doug Wardlaw, William Durvin, Eugene Chun, Roger

Fulton, Ronald Leiser, Fred Linard, and Suzanne Sturdy.

Ten of 23 applicants were recently selected into the SEC Program. They are Sharon Battershell, Gregory Bell, Michael Benton, George Dixon, Jack Folk, Hyun (Mike) Kim, Dennis Linck, Marc Mitchell, Gregory Schlichting, and Anne Wirtz.

The SEDP has also accepted 10 new members. They are Bart Bellmore, Kenneth Daniels, Mathew John, Mathew Lotts, Nicholas Marketta, Irene Martinez, Leslie Matsuura, Joseph Schneider, Errol Watson, and Joe Willingham.

NAWCWPNS is currently in the process of combining the subject programs into a single integrated program.

NAVY SELECTS INTERGRAPH CORPORATION FOR NAVAIR/ SPAWAR CAD-2 AWARD

Intergraph Corporation was selected by the U.S. Navy to provide computer-aided systems and services for electronic design, manufacturing, and engineering (CAD/CAM/CAE). The indefinite delivery requirements contract has a total value of \$398 million. The award is a major component of the Navy's \$1.5 billion CAD-2 program for the acquisition of CAD/CAM/CAE systems based on commercial, off-the-shelf technology. In addition to individual acquisitions, Intergraph will provide the Navy with a total design solution including hardware, software, maintenance, training, and technical support services.

The contract was awarded by the Navy Information Technology Acquisition Center (ITACEN) with the sponsorship by the Naval Air Systems Command (NAVAIR) and the Space and Naval Warfare Systems Command (SPAWAR). The contract includes procurement of Intergraph systems and software technology for the first 8 years as well as technical services, hardware maintenance, and software support for an additional 4 years.

CHANGE MANAGEMENT

"Change Management," a mandatory CAO 8-hour training session for supervisors and managers, has been scheduled. To attend one of the training sessions, submit an On-Board Training Request or for reservations call, Sue Murray, China Lake, 939-2349 (DSN 437-2349) or Sandy Brigham, Point Mugu, 989-3996 (DSN 351-3996).

Point Mugu

5 December	0800-1600	Bldg. 5-1 Auditorium
9 December	0800-1600	Bldg. 5-1 Auditorium
13 December	0800-1600	Bldg. 5-1 Auditorium
14 December	0800-1600	Bldg. 5-1 Auditorium

China Lake

5 December	0800-1600	Training Center, Room 107
6 December	0800-1600	Training Center, Room 107
7 December	0800-1600	Training Center, Room 107
8 December	0800-1600	Training Center, Room 107

This contract is a requirement contract for NAVAIR and SPAWAR activities; i.e., all CAD/CAM/CAE hardware, software, or designated support services required by a NAVAIR/SPAWAR activity must be purchased from the NAVAIR/SPAWAR CAD-2 contract. Other Navy and DOD activities may order from the NAVAIR/SPAWAR CAD-2 contract at their convenience.

The NAVAIR/SPAWAR CAD-2 Lead Contracting Officer's Representative (COR) is Patty Hail, located at Naval Air Warfare Center, China Lake. Questions concerning ordering information should be directed to Patty Hail at (619) 939-0615 or DSN 437-0615. Jim Serpanos is the Technical Advisor and can be contacted at 939-2619.

GENERIC PRINTER CONTRACT

The Acquisition Support Branch, Code 721200D, has a Center-wide (China Lake and Point Mugu) contract for remedial and preventive maintenance and installation of generic printers and accessories. This contract is a time-and-materials contract. It

is not a mandatory contract, but has been initiated to provide primary or alternative service support.

Contractor: MFS Inc.

Contract Number: N68936-94-D-0231
Current Period of Performance: 1 December 1994 through 30 November 1997

Cost: \$27.45 per hour plus parts/material with a 1-hour minimum and a 10% uplift for material handling.

A contract administration surcharge of 8% will be added.

If you want service on this contract, contact the Trouble Desk at (619) 499-5181 with the following information: (1) model number, (2) serial number, (3) bar code, (4) a brief description of the problem, (5) contact/requestor, (6) phone number, (7) job order number, and (8) location of equipment and code.

Direct questions or problems to Martha Faron, Code 721200D, at 939-3395.

CHINA LAKE GENERAL ANNOUNCEMENTS

Requests for tuition support (DD Form 1556) must be received by Code 733000D at least 3 days prior to the employee's registration at Cerro Coso. This will allow the request to be processed and returned to you in time for registration. The approved DD Form 1556 must be turned in to Cerro Coso when registering or returning bill received in order for NAWCWPNS to pay the tuition. **EMPLOYEES WHO PAY TUITION WILL NOT BE REIMBURSED.** If you have any questions, call Cecil Webb at 939-0878 (Code 733000D).

Code 733000D will return the approved DD Form 1556 to you. You must turn it in to Cerro Coso when you register in order for NAWCWPNS to pay your tuition. If you register in person, turn in the approved form to the registrar. If you register by telephone, mail the approved form back with the bill.

TUITION SUPPORT POLICY FOR CERRO COSO

Civil service employees at China Lake taking courses at Cerro Coso and expecting to obtain tuition support must submit to Code 733000D prior to registration a DD Form 1556 (Off-Center Training Request)

CSU, BAKERSFIELD AND CSU, CHICO STUDENTS NOTE:

The Upper Division Writing Competency Examination will be given 18 January. CSU, Bakersfield and CSU, Chico undergraduate students may satisfy the writing competency requirements by passing this examination. CSU, Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to taking the exam. CSU, Chico undergraduate students planning to take CSCI 172: Systems Architecture must pass the writing exam prior to the beginning of the course. The examination fee is \$15.00. Checks must be made payable to CSU, Bakersfield. Contact Denise at 939-2648 to take the exam.

and opaque originals at a resolution of up to 4,000 dots per inch (dpi). Transparencies and opaque originals are saved in a tag image file format (TIFF), which can then be imported into a photo-shop program for electronic placement into your documents and presentations. For more information contact Ellen Mahoney at 927-3902.

VIDEO PROJECTS TOURS

If you are curious about how videos are made or can benefit your job, or have any questions relating to industrial video production, the Video Projects Branch can help by offering tours of the Branch's video facility. For questions about the tours, or to sign up for one, call Fran at 939-3697.

COMPOSITION SERVICES AVAILABLE

Keying, OCR scanning, document formatting and layout, and audio/video tape transcription are among the composition services available through the Publications/Graphics Branch, Code 474500D. For more information contact Ramona Bernard at 939-2016.

DATA GENERAL HARDWARE MAINTENANCE CONTRACT

The FIP Resources Branch (Code 721200D) has a Center-wide contract for maintenance, repair, and preventive maintenance of Data General (DG) FIP hard-

ware and attached peripherals at China Lake. This contract is not mandatory, but will provide primary or alternative service support.

Contractor: Telos Corporation at Edwards AFB

Trouble Desk: (800) 888-5721

Primary Technician: Quinton Smith, Alternate: Bob Johnson

Contract Number: N68936-94-D-0170

Current Period of Performance: 1 October 1994 through 30 September 1997, plus two 1-year options

Per-call and on-call support are both available under this contract

Per-call costs: \$80 per hour (2-hour minimum) plus parts/material, a 9.8% material handling charge against material costs and a 7.9% service charge is applied to the entire cost for the Code 721200D service center.

On-call costs: You will be assessed a monthly charge based on the system configuration under contract plus 7.9% service charge for the Code 721200D service center.

Note: Your system must be on the contract inventory to receive either per-call or on-call service under this contract.

If you want to add or delete Data General Computers (with DG or third-party peripherals) to or from this contract, contact Linda McCauley, Code 721200D at 939-0614.

POINT MUGU GENERAL ANNOUNCEMENTS

IDP WORKSHOPS

Individual Development Plan (IDP) workshops are scheduled for 1, 5, and 7 December at 0900 in Building 5-1, Lounge. These workshops will provide information on how to fill out your IDPs.

VIDEO PRODUCTION TOURS

Interested in how videos are produced at Point Mugu? Visit the Photo and Video Branch in Building 36 and learn from the professionals how videos are taken from conception through production to post production. See how videos will assist you in getting your message out in a clear and concise manner, making the abstract concrete, and the technical less complex. Discover the capabilities of video in documentation of operations all the way through fully scripted productions. For a tour, come to the Photo and Video Branch or call Phil Lucio at 989-8557

NAWCWPNS HOTLINE AND NAWS IDEAS

The NAWCWPNS Hotline and NAWS Idea Directories were set up to allow users to copy prepared documents into them and remain anonymous. To place a file in the NAWSIDEA folder (directory) replace HOTLINE with NAWSIDEA whenever you enter HOTLINE. The instructions are for users with command local area network (C-LAN) access.

Note: Once you have made copies or saved a document into the HOTLINE subdirectory, you will not be able to retrieve or view this document from the Fileserver.

PC-Compatible Computers: At a network prompt, type the following commands: **LOGIN FS0024A/GUEST <RETURN>** no password required.

CDPTMUGU\HOTLINE <RETURN>

You may now copy the document you prepared into the HOTLINE subdirectory, by using the DOS copy command. Once you have finished copying the document, logoff Fileserver

EXAMPLE: E:\PTMUGU\HOTLINE LOGOUT <RETURN>

Macintosh Computers: Go to the APPLE icon and select CHOOSE from the **Chooser** window and select the following: **AppleShare** icon, **AppleTalk Zone "PM B36 1ST DECK"**, **Fileserver FS0024A**, select **OK**, Login as **Guest**, not password is required, select **OK**. The next window will display "Select items you want to use" and FS0024A.SYS will be highlighted, select **OK**. Open FS0024A.SYS icon on Desktop, open folder **PTMUGU**, open folder you wish to copy your document into. Copy your document now. Before you copy the document to this folder you will receive a message (you do not have enough access privileges to see all items if they are put into "HOTLINE" Put them there anyway). Select **OK**. Once you finished copying the document, close all open Fileserver windows by dragging **FS0024A.SYS** icon to your **Trash** can.

APD point of contact: Jim Esch, 989-1731; Hotline Program point of contact: Mike Nakamura, 989-7676; NAWS Idea point of contact: Lt. Driesbach, 989-1715.

RETIREMENTS AND FAREWELLS

To announce retirement and farewell social events for Point Mugu personnel (published in the Missile and Rocketeer), contact Ron Rogers at 989-3997. Announcements must be received 3 weeks prior to the events.

December 1, 1994

RETIREMENTS

VERNA PIPPEN

Verna Phippen is retiring after 30 years of civil service at China Lake. A retirement luncheon will be held in her honor at Texas Cattle Company on 14 December at 1130. For reservations, presentations, or gift donations, contact Cathy Spindler at 927-3361 or June Fletcher at 927-3352 by 8 December.

JACK KAVANAGH

Jack Kavanagh, Weapons Department, Code 827000D is retiring after 14-1/2 years of civil service at China Lake. A retirement luncheon will be held in his honor at John's Pizza on 14 December at 1100. For reservations, presentations, or gift donations, contact Ilene Welfl at 939-6108 or Nina Semington at 939-6104.

PAT HALL

Pat Hall, Section Head, Sensors and Platforms Section (Code 472110D), is retiring. A potluck retirement party will be held in his honor at the Grace Lutheran Church Fellowship Hall, 502 North Norma on 19 December at 1830. Guests should bring either a hot dish or a salad. Drinks, desserts, and table service will be provided. For reservations or presentations, call Ann at 939-1296 or Marie at 939-4572 by 14 December.

LEROY CORLETT

Leroy Corlett is retiring after 42 years of federal service. A retirement party will be held in his honor at the Carriage Inn on 6 January at 1800. For reservations, presentation, questions, and/or gift contributions, call Kelly Barber or Yvonne Frame at 939-2488 or 939-3113.

PAULINE OGAN

Pauline Ogan, Travel Accounting, is retiring after 21 years of federal service. A party will be held in her honor at the Seafarer Club on 10 January at 1130. For reservations or gift contributions, contact Carolyn Molina or Judy Post at 927-3067 or 939-2409

EMPLOYEE COMMUTE OPTIONS PROGRAM

ELIGIBILITY REQUIREMENTS

To be registered in the NAWCWPNS Employee Commute Options Program an individual must be an active-duty military member or civilian employee of NAWCWPNS Point Mugu or Camarillo Airport worksites using an alternative means of transportation to arrive at the worksite. Alternative means of transportation include walking, running, bicycling, car/van pooling, public transportation (including base transit system), and using a clean-fuel vehicle, such as propane, methanol, compressed natural gas, or electricity. A carpool includes passengers 16 years of age and older who are dropped off at school or work, or persons who are registered and dropped off at employer-sponsored day care or elder care facilities located within a 1/2-mile radius of the worksite.

RIDESHARE HOTLINE

For rideshare hotline information, contact the Employee Transportation Coordinator,

TEMPORARY CHANGE OF HOURS FOR POINT MUGU TECHNICAL LIBRARY

The Point Mugu Technical Library will be temporarily operating under new hours. We apologize for any inconvenience to our patrons; however, China Lake Technical Library Personnel (or staff) will be available during the hours that the Point Mugu Technical Library is closed to take care of any immediate needs or answer questions at (619) 939-3389/3380 (DSN 437-3389/3380).

Monday through Thursday: 0800-1230 and 1330-1600

Fridays: 0800-1200

LABOR REPRESENTATIVE FOR BARGAINING UNIT EMPLOYEES

The exclusive labor representative for the bargaining unit employees of NAWCWPNS

Point Mugu is the National Association of Government Employees (NAGE).

The local R12-33 President is Louis W. Roger, located in Trailer 10073; he can be reached at 989-1374.

CIVILIAN EMPLOYEE ASSISTANCE PROGRAM (CEAP)

Getting help when you have a problem can be a problem. Do you know that there is someone you can talk to if you or someone in your family is having difficulties? There is no charge for CEAP services, which may be used before, during (on administrative leave), or after working hours. Family members, self-referrals, and supervisory referrals are welcome. The program is located in Bldg. 2-825 (University of La Verne). All interviews are confidential. For further information, call Martha or Bob at 989-7708 or 989-8161.

December 1, 1994

CIVILIAN PERSONNEL DIVISION NEWS

APPLICATION PROCEDURES

Applications must be received at the Human Resources Department (HRD) Reception Desk, at any site, no later than 5:00 p.m. on the closing date of the announcement. Individual 171s must be submitted for each vacancy. LATE APPLICATIONS WILL NOT BE ACCEPTED UNLESS ON APPROVED LEAVE, TDY, ETC. THE ENTIRE TIME THE ANNOUNCEMENT IS OPEN. Please make a copy of your SF-171 application for your own retention before you submit it. (Only applications with original signature and date will be accepted.)

Submit a copy of your latest narrative performance assessment/appraisal of record with any application filed against a vacancy announcement. If the assessment/appraisal does not clearly state the tasks/duties performed, attach a copy of your performance plan.

A supplemental narrative addressing your qualifications to each quality-ranking factor (QRF) is highly recommended. This information will be used to identify highly qualified candidates to be referred for selection. Additional information will not be accepted after the closing date of the announcement.

When multiple-grade levels are advertised, applicants will only be rated for the lowest grade level indicated on their SF-171 that will be acceptable and higher grade levels for which they qualify.

Applicants may review the X-118 Qualification Standards at the China Lake Technical Library; at the Point Mugu Directorate/Department Resources Offices; or at any NAWCWPNS Human Resources Department Office.

AREA OF CONSIDERATION INFORMATION

Applications will be accepted from current appointable employees at NAWCWPNS and, unless otherwise noted in the specific announcement, the tenant commands with approved cross-service agreements. These include employees with career or career-conditional appointments; temporary employees with Veterans Readjustment Act (VRA) eligibility or reinstatement eligibility; handicapped employees serving on an excepted Schedule (A) appointment, VRA employees, and temporary employees within reach on an OPM certificate (or equivalent). If a tentative selection is made from tenant, VRA, or temporary applicants, the selection process cannot be completed until a waiver to the hiring freeze is approved by COMNAVAIR. Appointable persons include those with reinstatement eligibility, those within reach on an OPM certificate, and those eligible for noncompetitive permanent appointment (e.g., VRA, handicapped).

NOTES

1. If selection is made below the full-performance level, the selectee may be promoted to the next higher level(s) without further competition provided the following conditions are met: (1) OPM requirements are met, (2) management determines the incumbent is performing at the higher grade level, and (3) there is work at the higher grade level to justify the promotion. **PROMOTION IS NOT GUARANTEED.**

2. First-time supervisors and managers are required to serve a probationary period of 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position.

3. **Drug Testing Designated Position.** An applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. (Exception: If the position change is for 30 days or less or the applicant currently occupies a DOD testing designated position (TDP), no applicant test is authorized.) The selection is contingent upon a negative drug test result and, thereafter, the selectee will be subject to drug testing on a random basis as the incumbent of a TDP. Further, all DON employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident or unsafe practice. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test result will be provided to the selecting official and servicing Human Resources Office before a final selection is made. A verified positive drug test result of a current DON employee will also be provided to the employing activity/command.

4. **This is a Defense Acquisition Workforce Improvement Act (DAWIA) Designated Position.** P. L. 101-510 requires that all applications for DAWIA designated positions that are advertised be evaluated utilizing a QRF to determine the best qualified candidates. A supplemental narrative addressing the DAWIA QRF is highly recommended. Applicants who would like to obtain more information on the DAWIA mandatory requirements and/or definitions of DAWIA career fields should contact their Department Office DAWIA representative or their Personnel Management Advisor. **Note:** Applicants selected for critical acquisition positions (GS-14/DP-4 and above) will be required to sign a service agreement to remain in that position for at least a 3-year period.

5. **Merit Promotion Positions for Point Mugu Site Vacancies.** Applicants must meet all eligibility requirements (including, when applicable, time-in-grade and qualification requirements) within 30 calendar days of the closing date of the announcement.

GENERAL INFORMATION

The Naval Air Warfare Center Weapons Division is an equal opportunity employer. Selection will be made on a fully equal basis without discrimination. Selection will not be made on non-merit reasons such as race, color, religion, sex, national origin, age, politics, marital status, physical handicap, or membership or non-membership in an employee organization.

All vacancies are subject to restrictions imposed by the DOD Priority Placement Program (PPP).

Incumbent must hold or be able to obtain the appropriate security clearance.

As of 1 August 1992, mandatory direct deposit/electronic funds transfer (DD/EFT) became the standard payment within DOD for pay of certain civilian personnel. Newly hired civilian personnel and employees (not currently enrolled) who are selected for competitive promotion, reassignment, transfer, etc., will be required to enroll in DD/EFT within 60 days. An asterisk (*) preceding an announcement number indicates a modification has been made to the vacancy advertisement; please note indicated changes.

MERIT PROMOTIONS

ALL NAWCWPNS SITES

No. 45-003-KN5, Supervisory Mathematician/Physicist, DP-1520/1310-3, AV-8B Weapons/SMS Section (Code 455310D/C2142), Integration Branch #1, Mission and Sensors Division, Avionics Department (F/A), Code 2142—Area of Consideration: NAWCWPNS. Opening Date: 12-1-94. Closing Date: 12-15-94. Selecting Official: Roy Hageman, (619) 939-5423. HRD Contact: Kym Noh, (619) 939-3118. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: As Head, AV-8B Weapons/SMS Section, the incumbent is responsible for overall direction, coordination, and management of branch activities. The branch performs software development and testing for stores management and display systems for AV-8B aircraft; subsystems engineering for Digital Map Unit, ATMS, GPS, ARC-210 radio, and APG-65 radar; weapons integration engineering and testing for AV-8B; and Memory Loader Verifier (all versions) support for AV-8B, F/A-18 and A-6E aircraft. Branch is also responsible for NAWC AV-8B WSSA

inventory of avionics units as well as communications security for the AV-8B day and night attack aircraft. Extensive coordination/communication with other AV-8B support branches (C2193, C2111, C2143) as well as AV-8B Program Office (C2103), and McDonnell Douglas Aircraft Co. (MDA) is required. MLV, Weapons, and Subsystems engineering groups interact frequently with other Navy activities, MDA, NAVAIR, and fleet-level units. **Quality-Ranking Factors:** Knowledge of system engineering and project management processes, knowledge of affirmative action principles including willingness to implement EEO practices; ability to plan, organize, coordinate, and manage a technical program; ability to perform as a first-line supervisor; ability to influence and motivate others; and the ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Promotion potential to DP-4. Incumbent must be able to obtain and maintain a Secret clearance.

Notes 1, 2, and 4 applies.

No. 45-002-KN5, Supervisory Computer Specialist, DP-0334-3, AV-8B Weapons/SMS Section (Code 455310D/C2142), Integration Branch #1, Mission and Sensors Division, Avionics Department (F/A), Code 2142—Area of Consideration: NAWCWPNS. Opening Date: 12-1-94. Closing Date: 12-15-94. Selecting Official: Roy Hageman, (619) 939-5423. HRD Contact: Kym Noh, (619) 939-3118. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: As Head, AV-8B Weapons/SMS Section, the incumbent is responsible for overall direction, coordination, and management of branch activities. The branch performs software development and testing for stores management and display systems for AV-8B aircraft; subsystems engineering for Digital Map Unit, ATMS, GPS, ARC-210 radio, and APG-65 radar; weapons integration engineering and testing for AV-8B; and Memory Loader Verifier (all versions) support for AV-8B, F/A-18 and A-6E aircraft. Branch is also responsible for NAWC AV-8B WSSA inventory of avionics units as well as communications security for the AV-8B day and night attack aircraft. Extensive coordination/communication with other

AV-8B support branches (C2193, C2111, C2143) as well as AV-8B Program Office (C2103), and McDonnell Douglas Aircraft Co. (MDA) is required. MLV, Weapons, and Subsystems engineering groups interact frequently with other Navy activities, MDA, NAVAIR, and fleet-level units. **Quality-Ranking Factors:** Knowledge of system engineering and project management processes, knowledge of affirmative action principles including willingness to implement EEO practices; ability to plan, organize, coordinate, and manage a technical program; ability to perform as a first-line supervisor; ability to influence and motivate others; and the ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Research, Development, and Engineering Acquisition Career Field within 18 months of entering position. Promotion potential to DP-4. Incumbent must be able to obtain and maintain a Secret clearance.

Notes 1, 2 and 4 applies.

No. 472-004-GB5, Supervisory Interdisciplinary (Electronics Engineer/General Engineer/Mechanical Engineer/Aerospace Engineer/Physicist/Mathematician), DP-855/801/830/861/1310/1520-3, Code 2944/472130D, Electronics and Subsystem Integration Section, IR Guidance and Controls Branch, Guidance and Control Systems Division—Area of Consideration: NAWCWPNS. Opening Date: 12-1-94. Closing Date: 12-15-94. Selecting Official: Mike Stringham. HRD Contact: Susan Bethke, (619) 939-2676. Permanent Change of Duty Station Authorized: Yes. Summary of Duties: The incumbent manages and provides technical direction for the design, development and evaluation of guidance and control units. The branch provides technical direction for the design, development and evaluation of guidance and control units for Sidewinder missiles. **Quality-Ranking Factors: Ability to supervise an interdisciplinary professional work force; ability to coordinate/negotiate with Center, Navy, DOD, and contractor organizations to define technical and management objectives; knowledge of the electro-optical guidance design discipline including design, analysis, test and evaluation of electro-optics guidance systems and subsystems; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to meet the mandatory DAWIA requirements for training, experience, and education for Level III of the Systems Planning, Resources Development, and Engineering Acquisition Career Field within 18 months of entering the position. Position is at the full performance level.**

Notes 2 and 4 apply.

No. 52-005-94RR, Supervisory Interdisciplinary (Computer Scientist, Software Engineer/Physicist/Mathematician), DP-1550/801/1310/1520-3, Code 525700D, EC Range Software Branch, Data Processing and Display Division, Pacific Range and Facility Department. Area of consideration: NAWCWPNS. Opening date: 12-1-94. Closing date: 12-15-94. Selecting Official: Bob Harriman, (619) 939-6053. HRD Contact: C. W. Robinson, (619) 939-2393. Permanent Change of Station

CSUN SPRING COURSES

Following are courses being offered this spring for the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. Registration with a representative from CSUN will be held at the Training Center on 17 January from 1100 to 1300. Enrollments in courses will be on a first-come, first-served basis. Courses are subject to being canceled by CSUN if there is insufficient enrollment. Classes will be received from CSUN via its Continuing Education Television Network (CETN) and will be held at the Training Center. Classes for this semester begin on 30 January and end on 26 May. Course descriptions are available from Denise by calling 939-2648. Book order forms may be obtained at registration or from Denise at the time of enrollment.

EE240: Electrical Engineering Fundamentals

Monday, Wednesday, and Friday, 1200-1250; Training Center (via CETN); By Prof. Mallard

EE351: Linear Systems II

Wednesday, 1900-2150; Training Center (via CETN); By Prof. Adams

EE422: Design of Digital Computers

Tuesday and Thursday, 1100-1215; Training Center (via CETN); By Prof. Roosta

EE450: Prob. Sys. in Elec. Engr. Design and Anal.

Tuesday and Thursday, 1400-1515 pm; Training Center (via CETN); By Prof. Van Alphen

EE561: Digital and Data Comm. Systems

Tuesday, 1900-2150; Training Center (via CETN); By Prof. Van Alphen

EE571: Fields and Waves II

Monday and Wednesday, 1730-1845; Training Center (via CETN); By Prof. Rengarajan

EE580: Digital Control Systems

Monday and Wednesday, 1730-1845; Training Center (via CETN); By Prof. Mishra

EE620: Switch Theory I

Thursday, 1900-2150; Training Center (via CETN); by Prof. Roosta

EE622: Digital Systems Structure

Monday, 1900-2150; Training Center (via CETN); by Prof. Wong

EE661: Communications Engineering

Tuesday and Thursday, 1730-1845; Training Center (via CETN); by Prof. Schwartz

EE665: Radar Systems

Thursday, 1900-2150; Training Center (via CETN); by Prof. Bekir

EE684: Stochastic Control

Wednesday, 1900-2150; Training Center (via CETN); by Prof. Amini

IE602: Advanced Engineering Management

Wednesday, 1900-2150; Training Center (via CETN); by Prof. Campbell

IE604: Economic Analyses of Engineering Systems

Monday and Wednesday, 1730-1850; Training Center (via CETN); by Prof. Davis

ME375: Heat Transfer I

Tuesday and Thursday, 0800-0915; Training Center (via CETN); by Prof. Schwartz

ME390: Fluid Mechanics

Tuesday and Thursday, 0930-1045; Training Center (via CETN); by Prof. Epstein

ME463: Fluid Power Systems

Tuesday and Thursday, 1100-1215; Training Center (via CETN); by Prof. Costea

ME484: Control of Mechanical Systems

Tuesday, 1900-2150; Training Center (via CETN); by Prince

ME501B: Seminar in Engr Analysis

Monday, 1900-2150; Training Center (via CETN); by Prof. Mincer

ME590: Advanced Fluid Dynamics

Thursday, 1900-2150; Training Center (via CETN); by Prof. Epstein

AE489: Subsonic Aerodynamics

Thursday, 1900-2150; Training Center (via CETN); by Prof. Epstein

POINT MUGU COURSES

To enroll in or ask questions about Point Mugu courses, call (805) 989-3982, (DSN) 351-3982.

SCIENTIFIC, ENGINEERING, AND TECHNICAL

PROGRAM PLANNING & CONTROL (16 hrs.)

6-7 December; Tuesday and Wednesday, 0800-1600; Financial Plaza, Oxnard Hilton Hotel. By: Charles Frederickson, Consultant

REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

Definition of the management process; formulation and application of the work breakdown structure; plan development and utilization; progress indicators and analyses, use of an automated program management system (Mark III) as a tool in planning and control.
Deadline: 29 November.

HUMAN FACTORS (8 hrs.)

8 December; Thursday, 0800-1600; Building 5-1, Lounge. By: Carol Burge and Judy Lind, Code 2152

REQUIRED FOR ENROLLEES IN THE TMC/MDP OR SEC/SDP PROGRAMS.

Other scientists, engineers, and technicians involved in development, evaluation, or procurement of human-in-the-loop systems are welcome to attend on a space-available basis.

This course includes information on human capabilities and limitations; the techniques used by human factors researchers and engineers to gather, evaluate, and apply data; and the design of

human-computer interfaces. Human factors case studies of specific systems and accidents are used to illustrate the concepts discussed. How to ensure that human factors is included in the military system acquisition process is also covered, and examples of human factors sections for specifications, statements of work, and data requirements are provided.

Presentation Method: Illustrated lectures, discussion, and practical hands-on exercises.

OTHER TRAINING

FINANCIAL STRATEGIES FOR SUCCESSFUL RETIREMENT (1 hr.)

6, 7, and 8 December; Tuesday, Wednesday, and Thursday, 1130-1230; Building 5-1, Auditorium. By: Financial Focus

This 3-hour class (presented in three 1-hour sessions) should serve as a valuable overview of the complex process of retirement planning. Whether retirement is 2 months, 2 years, or 2 decades away, NOW is the time to start dealing with some of the important choices that can mean the difference between financial security and financial hardship during your retirement years. The class will focus on such issues as inflation, investment alternatives, risk management, health care, taxes, estate planning, and more. There will also be a discussion of how to take advantage of the CSRS, FERS, and TSP retirement programs. It is never too early or too late to begin planning your retirement strategy.

NETWORK CABLEING AND CONNECTORS SEMINAR

A free seminar on network cabling and connectors will be held in Oxnard on Tuesday, 13 December from 0830 to 1130. Oasys has developed a model addressing three primary components—wire, workstations, and resources. You will learn that what you spend on your cable plant now will save system administration time, downtime, and service calls. Topics include bridging, routing and switching technologies, plus an overview of FDDI, Ethernet, and ATM technologies. AT&T will present and discuss Category 5 standards.

For reservations, call Charles Spinnler at (800) 773-1501.

CONTRACTING OFFICER'S REPRESENTATIVE COURSES

The following schedule lists Naval Regional Contracting Center-sponsored training courses for FY95. To apply for the courses, complete a DD-1556 for the Naval Regional Contracting Center, 937 North Harbor, San Diego, CA 92132-5106 and send it to your training office, Code 733000E or Code 733000D, for processing. The cost is \$300. It is anticipated the NAWC COR Training Courses will be ready for delivery in early 1995.

Date	Location
15-16 December	NOCAP Seal Beach
18-20 January	San Diego
15-17 February	NSWC Port Hueneme
28 February-2 March	San Diego
7-9 March	CBC Port Hueneme
11-13 April	San Diego
12-14 April	NWAD Corona
23-25 May	San Diego
12-14 July	NSWC Port Hueneme
25-27 July	San Diego
22-24 August	San Diego

NAVAL AVIATION EXECUTIVE INSTITUTE (NAEI) FY94 SEMINARS

NAEI courses are designed for GM-13/Lieutenant Commanders (or equivalent) and above assigned to the Naval Air Systems Command. All Senior Executive Management Development Program (SEMDP) participants are required to attend certain classes and have priority for available billets. Program costs are funded by NAEI. Travel and per diem expenses of nominees are funded by their organizations. If the course is residential, lodging and meal costs are provided by NAEI. Nominations must be submitted on an NAEI form, which may be obtained from Lori Ryser, Program Coordinator, Code 733000D China Lake, (619) 939-2686 (DSN 437-2686).

Note: A DD-1556 is NOT required. Nominations must be submitted to Point Mugu prior to the NAWCWPNS deadline dates below.

COURSE TITLE	COURSE DATES	DEADLINE DATE TO P622
Contemporary Management Issues and Practices	14-25 Aug 95	10 Jun 95
Politics of National Security	28 Aug-1 Sep 95	14 Jun 95
Managing Individual and Organizational Change	8-11 Aug 95	24 May 95
Washington Arena	8-12 May 95 18-22 Sep 95	1 Mar 95 17 Jul 95
Capitol Hill Workshop	13-16 Mar 95 8-11 May 95 12-15 Jun 95	3 Jan 95 15 Mar 95 3 Apr 95
Congressional Affairs Seminar	15-16 May 95 18-19 May 95	2 Mar 95 3 Mar 95



HUMAN RESOURCES DEPARTMENT INFORMATION

The Human Resources Department (HRD) Information section is intended to provide timely HRD information to NAWCWPNS personnel. Any questions or issues pertaining to this Section may be addressed to Ron Rogers, Code 733000E (P622), (805) 989-3997 (DSN 351-3997), FAX 989-4388 (DSN 351-4388).

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave-without-pay status for at least 44 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed OP Form 630-A (Request to Donate Annual Leave to Leave Recipient). This form is available at Administration Offices at Point Mugu and Shop Store (Tel-Mart) at China Lake. Forms for Point Mugu may be mailed to 731000E (P621); forms for China Lake may be mailed to 731000D (C621). For additional information, call Estela Padilla at (805) 989-3222 or Pat Miller at (619) 939-2018.

CHINA LAKE

Richard Horton

Richard is recuperating from back surgery.

Mia Carreno

Mia was on maternity leave.

Alvina Quintanilla

Alvina continues to have chronic attacks of dizziness, headaches, and fluid drainage from both ears, and is also recovering from pneumonia.

Deanna Weetman

Deanna is caring for her husband who has congestive heart failure.

Diane Richardson

Diane will be confined to bed for a minimum of 6 weeks following surgery on her right foot and will be in a cast for 10 to 13 weeks.

Shante Lloyd

Shante is on maternity leave

Debra Hurt

Debbie is recovering from pregnancy with complications due to gestational diabetes.

Maryann Hise, C0239

Maryann is recuperating from surgery.

Jackie Van Skike

Jackie is recovering from heart surgery and is in need of leave.

Richard Smith, C02B04 (47D000D)

Richard is recovering from a total hip replacement.

Kathleen Luecken, C3931

Kathleen is recuperating from surgery and will be out for several weeks.

Jo Ella Kivett, C2614

Jo Ella is on maternity leave.

Lupe Vizcarra, C219

Lupe is undergoing required major knee replacement surgery.

Sirell Hurlocker, C28J

Sirell is on maternity leave.

Deborah L. Birch, C3923

Debby is having arthroscopic surgery on her knee and will be at home recovering. She is indebted for leave as a result of continuing cancer treatment.

Debra Campbell, C6142

Debra has had back surgery for a herniated disc.

Deby Gelger, C852

Deby is undergoing necessary surgery and her recovery time is estimated to be 5 weeks.

Peggy Van Skike, C612

Peggy is under a doctor's care for a medical emergency.

Mary Hire, C02461

Mary is recuperating from major surgery.

Lois Berry-Light, C2876

Lois had arthroscopic surgery of the left knee as a result of undefined infection of the knee joint.

Lucinda Lundin, C626

Lucinda will be undergoing surgery and will be out for several weeks.

William Muhlhause, C2633

William had a total hip replacement.

Gary Newton, C8342

Gary will be undergoing an unexpected triple bypass open heart surgery and will be convalescing for 2 to 3 months.

Judith Newton, C6132

Judith has exhausted her leave taking care of her husband, who had heart surgery.

Denise Evans, C6111

Denise suffered a stroke and will be unable to return to work for an extended period of time. She is a single mother and this is her only source of income.

Frank White, C3312

Frank is recovering from pneumonia and valley fever.

Tracey Manning-Stanphill, C834

Tracey has cancer and is undergoing radiation and chemotherapy treatments.

Jean Rongish, C2612

Jean Rongish has undergone surgery on both feet for tarsal tunnel syndrome.

Howard Gerrish, C2772

Howard obtained severe injuries in an accident.

Janice Henderson, C6335

Janice is undergoing treatment for premature coronary artery disease and is the sole source of income for her family.

Larry Kuster, C842

Larry has colon cancer and is undergoing chemotherapy and radiation treatments.

Beatriz Garcia, P77

Beatriz is experiencing complications from her pregnancy and is presently under a physician's care.

John Duhon, P7363

John suffered a massive heart attack and has had complications from surgery.

POINT MUGU

Melody Dates, 454000E

Melody is recovering from major surgery.

Sharon Allen, 451D00E

Sharon is on maternity leave.

Terri Drury, P382

Terri had emergency surgery to correct a perforated stomach due to ulcers.

Myrian Connors, P653

Myrian had surgery performed for diagnostic laparoscope.

Sybil Jones, P705

Sybil will be on maternity leave.

Larry Blair, P261

Larry is undergoing abdominal surgery.

John Roy, P7392

John is under doctors care for cardiac evaluation for 30 days due to job stress.

Carla Allen, P261

Carla is recuperating from major surgery.

Brenda Davis, P625

Brenda is undergoing treatment for lupus erythematosus.

EMPLOYEE DEVELOPMENT DIVISION NEWS

ON-BOARD TRAINING COURSE SCHEDULE

Nominations for courses should be submitted to the Employee Development Division at the site where the course is being held. The On-Board Training Request (NAWCWPNS 12410/2) is used for submitting nominations and is available at SERVMART/TELMART. For further assistance at Point Mugu, contact Mary Glasmann, Code 733000E, at (805) 989-3982. To enroll in classes at China Lake, call the phone number listed in the course announcement. If there is no phone number listed, submit the On-board Training Request form to the Employee Development Division, Code 733000D. Nomination forms should be submitted as early as possible to preclude courses being canceled because of insufficient enrollment. NAWCWPNs employees may attend training at any site with supervisory approval and on a space-available basis. On-board training courses are presented at no cost to NAWCWPNs employees.

CHINA LAKE COURSES

SCIENTIFIC, ENGINEERING, AND TECHNICAL TRAINING

INNOVATIVE TEAM TRAINING & TECHNOLOGY OF DESIGN (24 hrs.)

6-8 December; Tuesday-Thursday, 0830-1700; Training Center. By: Invention Machine Corporation

Prerequisite: General engineering knowledge.

Intended Audience: Design, process, manufacturing and value analysis engineers, project team leaders, process and manufacturing managers.

Objective: To improve engineering effectiveness by implementation of innovative technology of design and theory of inventive problem solving otherwise known as computer-assisted creativity.

Scope: A short history of the development of engineering thinking and the methods used in Innovative Technology of Design. In-depth analysis and examples of the principles of division, separation, local quality, anti-action, nested doll; Sufield analysis-effective language for describing an engineering system; inventive problem solving using sufield analysis; inventive standards—the unique methods for structural prediction of new solutions; application of inventive standards in engineering; laws and regularities of engineering system development; the algorithm of innovative problem solving; transition of the engineering problem to the model of the ideal solution or final result; development of engineering and physical contradictions; problem model construction, development, analysis and evolution; evaluation of initial solution and development trends of solutions; and physical, chemical, and geometrical effects and phenomena, with applications in engineering.

Tuition fee for this course is approximately \$995.

To enroll or obtain further information, call Annette at 939-0870 or Arnold Danielson at 927-2882.

INTEGRATED LOGISTICS SUPPORT (ILS) (8 hrs.)

10 January; Tuesday, 0800-1600; Training Center. By: Al Bucharelli, Code 321000D.

REQUIRED FOR ENROLLEES IN THE TMC/TMDP OR SEC/SEDP PROGRAMS.

Emphasis will be placed on what program managers need to know about integrated logistics support (ILS), and students will be provided with a working knowledge of logistics support analysis (LSA) and other related logistics documentation. This course will include discussion of the ILS concepts and objectives of a program as related to operational/supportability requirements. Approaches that can be taken by program managers to apply the ILS/LSA requirements to an acquisition program; and tailoring of these requirements to meet program complexity will also be covered. Also included will be an explanation of the relationship between ILS/LSA and other associated acquisition disciplines, and a brief synopsis of CALS as it relates to ILS.

Deadline: 27 December.

ADMINISTRATIVE, CLERICAL, AND SKILLS TRAINING

PRE-RETIREMENT SEMINAR (16 hrs.)

7-8 December; Wednesday-Thursday; 0800-1630; Training Center. By: Employee Relations Program

This seminar consists of several lectures and a workshop. The lectures deal with facts affecting retirement, such as those relating to civil service and FERS

retirement systems and social security. To derive maximum benefit, participants are encouraged to come to all lectures.

The workshop, Planning a Successful Retirement, is not about facts, but is designed to help participants clarify their retirement desires and goals, decide on the kind of

planning that is right for them, and decide on the actions they will take now to assist them in having the kind of retirement they want.

Spouses of enrollees are also encouraged to attend.

To enroll, call Tammy at 939-2451.

CSUB WINTER COURSES

408.7: TYPES, APPLICATION, AND STRUCTURING OF CONTRACTS (36 hrs.)

4 January-22 March; Wednesdays, 1700-2000; Training Center. By: Martha Slayton, 939-9664, UCSB

Prerequisite: X408.1: Elements of Government Contract Administration or consent of instructor.

Intended Audience: Participants in the certificate program in Government Contract Management.

Course Description: Review of various types and forms of government contracts. Includes choice or type of contract in view of the work statements and risk factors, how each type of contract works, contract structure, and special requirements for administration. Attention is given to incentive and award-fee contracts.

Text: Instructor will sell text at cost (approximately \$25) the first night of class.

Enrollments are on a call-in basis. To enroll, call Denise at 939-2648.

Cal-State University, Bakersfield (CSUB), offers at China Lake a bachelor's degree in business administration and a master's degree in administration. Employees taking one of the courses below must sign a statement at the time of registration, promising to reimburse the government if a satisfactory grade (i.e., "C" or better) is not obtained.

COURSES UNDER CONTRACT

To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. **Deadline for enrolling is 10 calendar days before the starting date of the class.** Enrollments for courses will be on a first-come, first-served basis, unless otherwise indicated.

ADM620: FINANCIAL DECISION-MAKING IN ORGANIZATIONS (5 quarter units)

10 January-14 March; Tuesdays, 1610-2110; Training Center. By: Professor Fletcher, CSUB

Scope: Public sector project appraisal; cost benefit analysis, estimating and forecasting revenues and costs, project planning and auditing, productivity measurement, debt administration, idle-funds management, and decision-making under uncertainty.

Note: This is a core course for the master's degree program in administration through CSUB.

MKTG300: MARKETING MANAGEMENT (5 quarter units)

10 January-14 March; Tuesdays, 1610-2110; Training Center. By Professor Moscovice, CSUB.

Scope: A study of the nature and role of marketing in advanced economies in a managerial context presented in a lecture, case, and applied format. Analysis of consumer wants, motivation and purchasing power, and introduction to and development of effective mixes among product, pricing, distribution, and promotional variables.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

COURSES NOT UNDER CONTRACT

To enroll in these courses, call Denise at 939-2648. Enrollments for courses will be on a first-come, first-served basis.

Note: Civil service employees at China Lake taking these courses and expecting to obtain tuition support must submit via department channels to Code 733000D prior to registration a DD Form 1556 (Off-Center Training Request) with a job order number supplied by their department and an "objective" statement explaining how the course is job related. For more information, call Cecil Webb at 939-0878.

BA477.063: BUSINESS AND TECHNICAL REPORT WRITING (5 quarter units)

5 January-9 March; Thursdays, 1610-2110; Training Center. By: Professor Iyasere, CSUB

Prerequisites: English 110: Expository Writing through CSUB or equivalent or consent of instructor.

Scope: Extensive practice in writing clearly and persuasively in technical and specialized forms such as reports of experiments, abstracts, business reports and proposals, letters, and memoranda.

ECON370: ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS (5 quarter units)

4 January-15 March; Wednesdays, 1610-2110; Training Center. By: Professor Evans, CSUB

Prerequisite: A course in microeconomics or consent of the instructor.

Scope: Economic theory and policy analysis applied to problems of environmental quality and natural resource conservation. Topics include population, air, water, toxic substances, world hunger, soil fertility, forests, and energy.

Note: This course is an elective course for the Certificate in Environmental Management through CSUB. This course serves as an upper-division business elective for the bachelor's degree program in business administration through CSUB.

LAN SECURITY (16 hrs.)

13-14 February; Monday-Tuesday, 0800-1600; Training Center. By: Computer Security Institute

This workshop shows you what you need to know to protect your LANs. You'll return to your workplace knowing how to assess the risks inherent in different architectures and connection methods, the security controls to look for in LAN operating systems and software, and physical security measures you can take to protect your LAN environment.

Deadline: 30 January

Note: tuition fee is \$485.00

Enrollees may cancel 2 weeks prior to the class date without penalty. Full tuition fee applies otherwise.

To enroll, or obtain further information, call 939-0870.

MICROCOMPUTER SECURITY (16 hrs.)

15-16 February, Wednesday-Thursday, 0800-1600; Training Center; By: Computer Security Institute

This workshop will teach you how to develop and implement effective security measures (information and physical) for your microcomputer resources. You will learn how to develop microcomputer policies and procedures that will work within the corporate culture of your organization. Backup policies and contingency planning will also be discussed.

Deadline: 1 February

Note: Tuition fee is \$485.00

Enrollees may cancel 2 weeks prior to the class date without penalty. Full tuition fee applies otherwise.

To enroll or obtain further information, call 939-0870.

CAREER WORKSHOPS FOR ALL EMPLOYEES

Starting in October, training workshops will be offered at China Lake for employees to take charge of their careers. The aim of these workshops is to make it possible for employees to take an active role in their career development. Participants will develop a manual to keep for continual reference. Check the Rocketeer for information and final dates on each workshop.

Workshop No. 5. WRITING/TAILORING JOB APPLICATIONS

6 December

Find out how to best complete your application by choosing words and sentences that exhibit your capabilities.

Workshop No. 6. INTERVIEWING TECHNIQUES

10 January 1995

Find out what to expect in an interview, how to relieve preinterview anxiety, and how to be your own spokesman. Acquire the knowledge and tools needed to prepare for interviews. Learn how to look at the job you want.

Workshop No. 7. FEDERAL APPLICATIONS

17 January 1995

Learn how to complete a federal application (SF-171). Personal consultation for assistance with your resume writing will also be available.

Workshop No. 8. CAREER DEVELOPMENT TECHNIQUES

24 January 1995

Learn what to do to carry on your career development efforts after completing these workshops. Develop the necessary assertive and proactive methods for advancing your own career.

To enroll, call Sue Bristow at 939-2349.

The NAWCWPNs Announcements and Human Resources Department Information are published by the PAO on the Thursday before payday. Copies of the insert are provided to the Albuquerque and White Sands sites. Personnel at China Lake, Albuquerque, and White Sands may send items for the Announcements section to 75000D (C08033), Attn: Barry McDonald, FAX 939-2796 (DSN 437-2796). Personnel at Point Mugu may send items for the Announcements section to 75000D, Attn: Pat Hollenbaugh, FAX 989-1785 (DSN 351-8094). Items included in the Human Resources Department Information Section are provided by the Civilian Personnel Division, Employee Development Division of the Human Resources Department. The deadline for all submissions is Wednesday at 1700, 8 working days prior to the alternate Thursday publication date. NOTE: All inputs MUST include the sponsor's code and phone number. Any questions or issues pertaining to this insert may be addressed to Ron Rogers at 989-3997 (DSN 351-3997), FAX 989-4388 (DSN 351-4388).

CSUC SPRING 95

The following courses are being offered for the spring in the Cal-State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. **Deadline for enrolling is 10 calendar days before the starting date of the class.** Enrollments for courses will be on a first-come, first-served basis, unless otherwise indicated.

CSCI152: OPERATING SYSTEMS PROGRAMMING (3 units)

4 January-21 April; Mondays and Wednesdays, 1130-1245; Training Center (videotape). By: Professor Ralph Hilzer, CSUC, (916) 898-5748

Lab: Tuesdays, 1700-1800; Training Center. By Howard McCauley, 939-0546

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: An overview of system architecture and software from the kernel outwards, including process management, storage, management, files and protection.

Note: This is a core course in the bachelor's degree program in computer science through CSUC and is a required foundation course for the master's degree program in computer science through CSUC.

CSCI250: COMPILER THEORY (3 units)

31 January-25 May; Tuesdays and Thursdays, 0930-1045 ; Training Center (via satellite). By: Professor Orlando Madrigal, CSUC, (916) 898-6442

Prerequisite: CSCI152: Operating Systems Programming or equivalent or consent of instructor.

Scope: Language definition and descriptors, syntax structures, parsing, extraction of elements, symbol table construction, memory allocation, control statements, I/O lists, code generation, error detection, and diagnostic generation, (satisfies Programming Languages and Theory).

CSCI333: OBJECT-ORIENTED USER INTERFACE DESIGN (3 units)

31 January-25 May; Tuesdays and Thursdays, 1100-1215; Training Center (via satellite). By: Professor Jim Murphy, CSUC, (916) 898-4037

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor; helpful but not required—CSCI210: Software Engineering and CSCI231: Computer Graphics

Scope: Object-oriented design and implementation of graphical interfaces using the C++ programming language. The class will also use either X Windows and the Motif Toolkit or Microsoft Windows and the Object Windows library. Topics include event handling, use of color, graphics contexts, text and fonts, dialogue design, and User Interface Management Systems. Note: Since Microsoft Windows will be used in Spring 1995, students who have taken CSCI298C-1 or CSCI397C-12 may take this class for credit (satisfies Graphics and Image Processing).

CSCI356: DESIGN AND ANALYSIS OF ALGORITHMS (3 units)

31 January-25 May; Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By: Professor Kent Wooldridge, CSUC, (916) 898-5061

Prerequisite: CSCI151: Algorithms and Data Structures and Math 120: Discrete Mathematical Structures or equivalent or consent of instructor.

Scope: Algorithms from many areas of computer science will be analyzed. Topics include algorithms from combinatorics, graph theory, artificial intelligence, and systems programming (satisfies Computer Theory).

CSCI397C-9: COMPUTER SECURITY AND PRIVACY (3 units)

31 January-25 May; Tuesdays and Thursdays, 1400-1515; Training Center (via satellite). By: Professor Jim Pinkert, CSUC, (916) 898-5000

Prerequisite: Consent of instructor.

Scope: The class will begin with a historical discussion of cryptography. Emphasis then shifts to security in computer systems, particularly identification, authorization, operating systems security, data flow security, and database security. ATMs and POSs are rapidly entering the business scene. Security considerations, especially for multi-organization transactions, will be covered as a specialized extension of some of the more general previous discussions. Computer systems are similar to other assets and businesses in certain aspects of security, which will be the next topic. Included are such areas as physical security, site selection, insurance for hardware, and data and liability insurance (satisfies Operating Systems/Networks).

CSCI397C-16: OBJECT-ORIENTED DATABASE SYSTEMS (3 units)

31 January-25 May; Tuesdays and Thursdays, 1530-1645; Training Center (via satellite). By Professor Melody Duncan, CSUC, (916) 898-6480

Prerequisite: Consent of instructor.

Scope: This course covers the object-oriented database model and its extensions. The necessary language constructs for data definition and data manipulation are discussed along with the internal-level storage structures, query processing, and transaction management. The object subsystem and transaction subsystem will be covered, along with a survey of current object-oriented database systems (satisfies Data and File Structures).

CSCI397C-19: THE ARCHITECTURE AND APPLICATION OF PARALLEL COMPUTERS (3 units)

31 January-25 May; Tuesdays and Thursdays, 0800-0915; Training Center (via satellite). By: Professor Ralph Hilzer, CSUC, (916) 898-5748

Prerequisite: CSCI272: Multiuser Operating Systems or equivalent or consent of instructor.

Scope: An introduction to parallel computing theory and application. Several processor organizations and parallel languages are analyzed to determine their behavior and efficiency when running certain algorithms. Also, several mapping and scheduling strategies are introduced using parallel sorting as a basis for comparison (satisfies Computer Architecture).