

## Christmas music set for WACOM

Christmas will arrive musically at next Tuesday's luncheon meeting of the Women's Auxiliary of the Commissioned officers' Mess with the singing of Jan Lacy and Don Snyder.

The duo will present "A Christmas Fantasy." Both Ms. Lacy and Snyder have appeared with the Los Angeles Civic Light Opera and with dinner theaters and nightclub shows. While Snyder's baritone voice has been heard twice previously at WACOM meetings, this will be the first opportunity for members to hear the beautiful soprano.

Following a social hour at 11 a.m., a lunch of curried chicken breast, rice pilaf and apple ring, pineapple-lime velvet salad, bran muffin and Christmas cookies will be served.

WACOM members are asked to telephone 446-4324 or 446-3383 for reservations.

## 'Messiah' to be performed twice

George Frederick Handel's oratorio, "The Messiah" will be presented twice at the All Faith Chapel: on Sunday at 4 p.m., and again on Monday at 7 p.m. Both performances will be free and the public is invited to attend.

The chorus for the oratorio is composed of vocalists who are mainly members of local church choirs. Conductor for the two performances is Ray Blume, and the chorus will be accompanied by Shirley Helmick on the organ, Doris Bullock at the piano, and Fran Rogers will play the cello.

"The Messiah" has become a traditional presentation in the local area. This will be the fourth consecutive year of presentation of the Christmas portion of the oratorio.



**CHRISTMAS TICKETS** — Capt. K.A. Dickerson, NWC Commander, buys the first tickets to the NWC All-Hands Christmas Party set for Dec. 13 from Ens. Marty Vanderkamp. The party is planned for a 6 p.m. start with dinner served at 7 p.m. and dancing starting at 9 p.m.

## Officers to be installed

Five former employees of the Naval Weapons Center whose combined total of Civil Service employment and active duty military service exceeds 160 years will be installed on Wednesday, Dec. 11, as officers of local chapter No. 748 of the National Association of Retired Federal Employees (NARFE).

Robert Hoagland will take over the reins of president of the organization, succeeding John Nicholson. Other officers are Russell

Palmer and E. B. Earle, Jr., first and second vice-presidents, respectively; Thelma G. St. George, secretary; and Sam Treat, Jr., treasurer.

The installation ceremony at which Francis Sanders, president of the Kernville Chapter of NARFE, will officiate is scheduled at 3 p.m. on Dec. 11 in the Senior Citizens' Center on South Warner Street in Ridgecrest.

Following the ceremony and program connected with the monthly meeting of NARFE Chapter 748, there will be a potluck Christmas dinner for members and friends beginning at around 4:30 p.m.

Membership in the National Association of Retired Federal Employees is open to all federal employees who have at least five years of service under the Federal civilian retirement system. Annual dues are \$9 for the national organization and \$4 to affiliate with local Chapter 748.

The \$9 dues paid to national entitles NARFE members to receive copies of "Retirement Life," a monthly magazine packed with valuable information on such things as legislative matters affecting present and future federal retirees, tax reform, cost-of-living adjustments in annuities or pensions, changes in Federal Employees Health Benefit plans, and federal budget balancing maneuvers and their affect on present federal employees as well as retirees.

## Overeaters meet

Overeaters Anonymous meet every Monday and Thursday evenings at the NWC Counseling and Assistance Center at 7:30 p.m. For additional information call Dave at 446-6349. There are no dues or membership fees and meetings are open to anyone in the Indian Wells Valley.

## Museum shows works of artists

Local artists will display their drawings and paintings at the Sylvia Winslow Gallery of the Maturango Museum during the month of December. Original artwork displayed includes watercolor, acrylic and oil paintings, pastel, charcoal, pencil and pen-and-ink drawings.

Many of the art works shown will be on sale for those wishing a different and unusual Christmas present for friends or relatives. All proceeds will benefit the individual artists.

A reception honoring the artists will be held on Sunday from 2 to 4 p.m. at the museum. All local residents are invited to attend.

## NEX News

Christmas shoppers have 12 hours tomorrow to take advantage of the special sale prices at the Navy Exchange. It will be open at 9 a.m. and stay open until 9 tomorrow evening.

Special sales slated during the next couple of weeks include a car care sale that begins on Thursday and runs through Dec. 24, and "Pre-Christmas II," which starts Wednesday and runs through Dec. 15.

The NEX's annual Customer Appreciation Night will be held on Thursday from 6 to 8 p.m. Great buys can be found in all departments, as well as special door prizes offered to lucky customers. Refreshments will be served to all, and Santa will be around to say "hello" to all the kids.

Christmas trees — fresh cut, are going to be arriving for sale by the Navy Exchange personalized services store. They will be stocked beside the parking lot of the All Faith Chapel, with the first supposed to arrive yesterday.

The trees will sell at prices ranging from \$5.25 to \$28.

## Movies

FRIDAY, MONDAY	DEC. 6, 9
"MAD MAX BEYOND THUNDERDOME"	
Starring Mel Gibson and Tina Turner (Adventure, Rated PG-13, 110 min.)	
SATURDAY, SUNDAY	DEC. 7, 8
"WEIRD SCIENCE"	
Starring Michael Hall and Kelly LeBrock (Comedy/Fantasy, Rated PG-13, 93 min.)	
WEDNESDAY	DEC. 11
"GIRLS JUST WANT TO HAVE FUN"	
Starring Sarah Parker and Lee Montgomery (Comedy, Rated PG, 88 min.)	
FRIDAY	DEC. 13
"THE EMERALD FOREST"	
Starring Powers Boothe and Charley Boorman (Adventure/Drama, Rated R, 115 min.)	

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm  
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

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

**NWC HOTLINE**  
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Call: NWC ext. 3636 (24 hrs.)  
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TO: \_\_\_\_\_

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

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## New Weapons Power System laboratory opens, greatly expanding branch testing capabilities

Weapon Power Systems Branch personnel recently moved into new laboratory facilities, greatly expanding their testing capabilities.

Ron Dettling, branch head for the group, said the Power Systems Laboratory was put together to assist their efforts in power system design and development for advanced weapons.

New, more complex weapons requiring

longer ranges and increased maneuverability will need significantly increased on-board power for both the guidance electronics and the flight control system. Because of volume restrictions, the power system must be more highly integrated than in older, shorter range weapons and, in fact, becomes a major subsystem that must be considered early in the design of an advanced weapon.

To support this need, the branch is conducting technology and development projects in chemical gas generators, high pressure gas supplies, turbo-pumps, turboalternators and in hydraulic pneumatic and electromechanical actuators. Dettling noted that the branch is supporting development of such systems as Skipper, Vertical Launch ASROC and Sea Lance. With the first phase of planned im-

provements now complete, Dettling says the laboratory gives the branch a good place to conduct needed testing in a safe and secure manner.

A wide variety of instrumentation has been put in place, as well as computers and software to obtain real time derived data from tests to compare with the design models that have been generated.

(Continued on Page 4)



**BIG LOAD** — Volunteers from Ellsworth AFB and members of the South Dakota National Guard work at loading one of the B-29 engines onto a flat-bed truck for the trip to Ellsworth, home of the South Dakota Air and Space Museum, future resting place of this B-29 Superfortress. — Photo by Steve Boster

## South Dakota Air & Space Museum takes home a B-29 Superfortress

When Bill Sloan, a retired Air Force Lt. Colonel and 11 other volunteers left Rapid City, South Dakota early last month, they traded below zero weather for sunny China Lake. The team has now returned to South Dakota taking with them another B-29 Superfortress from NWC's aircraft boneyard.

It took seven 40-foot flat-bed trailers from a South Dakota Army National Guard unit in Brookings to haul back the pieces of this old lady of the Air Force destined for a new home as a star attraction at South Dakota's Air and Space Museum, Ellsworth, AFB, near Rapid City.

After a week in sunshine while South Dakota was being racked by early winter storms, several Guardsmen said they would gladly volunteer to stay at China Lake for several more weeks.

The volunteers, eight of them active duty Air Force personnel who were on per-

missive temporary duty, spent about two weeks taking apart one of the few B-29s that remained mostly intact at NWC.

They broke it into four main pieces, two wings, the forward fuselage and the aft fuselage, each needing an entire flat-bed trailer.

Other trailers were used for the four huge engines, tail section, flaps, landing gear wheels and assorted odds and ends that make up what was once the Air Force's heaviest long-range bomber.

"We can't say too much about the cooperation we received from Navy and civilian personnel at China Lake," commented Sloan. He added they were sorry to depart the friendly (and warm) confines of China Lake. The day before they departed, Rapid City had a low of 14 degrees below zero.

Team members included a retired civil servant, three retired Air Force personnel and the eight men on active duty. Costs of

the retrieval were borne by the Air and Space Museum. Sloan stressed all the people were volunteers and noted none of them had ever flown B-29s with the Air Force.

Sergeant First Class Dennis A. Jaeger, of Milbank, S.D. was in charge of the convoy. They hauled their long, wide and heavy load back to South Dakota on a four-day trip.

Seventeen Army National Guardsmen made the trip as part of their annual drill requirements. They were all members of the 139th Transportation Battalion in Brookings. Individuals came from National Guard units in Milbank, Aberdeen, Watertown, Clear Lake and Flandreau, South Dakota. They worked dawn-to-dusk for three days to complete the loading process before wrapping up with final loading on Thanksgiving Day, departing early the next morning.

For additional information call Ens. Vanderkamp at NWC ext. 2601.

## CFC hits \$200,000 record

China Lakers set a new record for generosity this year by pledging more than \$200,000 to the Combined Federal Campaign (CFC).

Natalie Harrison, Community Liaison Assistant and Loretta King, Assistant Public Affairs Officer, coordinators this year, reported there had been \$200,356 in cash donations and pledges as of Wednesday morning. Natalie Harrison said final pledge cards and donations would be turned in no later than this morning (Friday).

The \$200,000-plus figure for this drive surpasses the record of more than \$196,000 raised in last year's Combined Federal Campaign.

Contributions by China Lake military and civilian employees will go largely to the United Way of the Indian Wells Valley organizations such as American Red Cross, Civil Air Patrol, IWV Search and Rescue Team and China Lake Mountain Rescue Group, to mention just a few of the agencies.

All contributions are fully deductible from state and federal income taxes. Individual donors were able to specify which charitable organization was to receive the money they donated. In this way they could ensure their money went where they felt it could do the most good.

Every employee at China Lake received a pledge card and an information brochure explaining what the CFC was and what organizations came under the CFC fund drive umbrella.

China Lakers have indeed dug deep and been generous this year as they established a new record for giving, said the coordinators.

## All-hands party

All China Lakers are invited to an All-Hands Christmas Party on Friday, Dec. 13 at the Enlisted Mess, starting at 6 p.m.

Tickets are now on sale at \$17 for enlisted personnel and their guests and \$10 per person for civilians, officers and their guests. Tickets can be obtained from Chief T. Daniels, Lt. Jack Ceckler, Lt. Karl Klinger or Ens. Marty Vanderkamp. Tickets will also be sold at the door next Friday.

Dinner will be served at 7 p.m. and dancing follows at 9 p.m.

Tickets include dinner, dancing and door prizes, with an estimated \$800 in door prizes to be given away during the annual all-hands Christmas party.

For additional information call Ens. Vanderkamp at NWC ext. 2601.

## Community Events

The Enlisted Mess is offering a dinner special of seafood plate tonight, which will be served from 6 to 9 p.m.

December 14th, the EM invites people of all ages to have Breakfast with Santa from 6:30 to 8:30 a.m.

It's disco time with Steve Malan at the EM Mess on Wednesday, Dec. 11. The dinner special for the evening will be baked ham, served from 6 to 9 p.m., with entertainment beginning at 8 and continuing until 11:30 p.m.

Enjoy a prime rib dinner at the Chief Petty Officers' Mess every Friday from 6 to 9 p.m. Also, the CPO Mess offers "Lucky Game Night" every Thursday evening beginning at 8 p.m.

The Commissioned Officers' Mess will not be offering its Sunday Brunch during the month of December. The regular Sunday Brunch will begin again on January 5, 1986, from 9:30 a.m. to 1:30 p.m.

Representatives of the Indian Wells Valley TV Booster, Inc., will have a booth in operation at Santa's Art Shop, which is scheduled tomorrow and Sunday at the Desert Empire Fairgrounds in Ridgecrest.

This community-wide annual holiday event will be open from 10 a.m. to 6 p.m. Saturday and from 10 a.m. to 4 p.m. on Sunday.

Members of the TV Booster board of directors will be present to answer questions about television reception and other matters pertaining to operation of the community-owned TV booster system. Also, they will be happy to accept 1986 membership fees, which will be earmarked for maintenance and improvements to the system.



## Weather Report

	Max	Min	Peak Gust	Precip.
Fri.	60	36	—	0.08 in.
Sat.	62	30	—	—
Sun.	—	34	7 knots	—
Mon.	52	42	11 knots	0.37 in.
Tues.	60	31	8 knots	—
Wed.	65	31	10 knots	—
Thurs.	63	39	14 knots	—

All measurements are made at Armatage Airfield.



## Retirements

James R. Cooke, Code 3196, hired at NOTS/NWC May 14, 1954; estimated date of retirement, Jan. 3, 1986.

Richard B. Seeley, Code 31903; hired at NOTS/NWC Sept. 13, 1955; estimated date of retirement, Jan. 3, 1986.



## Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m. (Nursery provided) Sept. through June	
Wednesday 11:30 a.m. Sept. through June	
Thursday 7:00 p.m. Officer's Christian Fellowship	
Christian Military Fellowship	
ROMAN CATHOLIC	
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 95)	9 a.m.

Chaplain J. Milton Collins, Capt., CHC, USN  
 Chaplain A. J. Smith, Cdr., CHC, USN  
 Chaplain Jason E. Knott, LCdr., CHC, USN  
 Phone, NWC ext. 3506, 3507

## Celebrate Christmas by donating pint of blood

An ideal Christmas gift to present is the gift of life — and those who donate a pint of blood on Tuesday to the Houchin Blood Bank will be doing exactly that.

The blood bank will be making its last visit before the holidays on Tuesday from 1 to 6 p.m. at the Ridgecrest Elks Lodge, 201 E. Church Avenue in Ridgecrest. No appointment is necessary, and only about an hour is needed to make the donation.

Dorothy Jackson, who chairs the drive sponsored by the Ridgecrest Emblem Club, says that anyone in general good health is able to donate safely. Donors should be free of flu or cold symptoms for at least two

weeks, and should know what types of medication they are taking, if any, because some disqualify potential donors.

Those volunteering to give blood will be asked to fill out a simple medical form. They should not eat fatty food or dairy products within three hours of the time that they plan to come to the Elks Lodge.

Blood may be designated to specific person or may be donated to the general fund maintained for the Indian Wells Valley residents.

Donors can give blood a maximum of five times per calendar year.

## Turkey tips for holidays

If a traditional holiday turkey is chosen carefully, says the American Heart Association, the turkey will not only provide a good feast, but also will be nutritious and a good buy.

Turkey is an ideal food because it is relatively low in cholesterol and fat. When a turkey is roasted, much of the fat is drained off. White meat of turkey is especially low in fat and calories.

Plain frozen turkey is usually the most economical and nutritious. Frozen self-basting turkeys contain injections of a solution of broth and butter or cooking oil. The basting oil adds calories and the broth is often high in salt. (The basting fluid also adds weight, which is paid for at turkey meat prices.)

If a self-basting turkey is what's purchased, the oils with which it is injected

should be unsaturated fats such as corn, cotton seed or safflower oils. The label will say what oil is used.

The label will also indicate the quantity of salt and other ingredients in frozen pre-stuffed turkeys. A pre-stuffed turkey should be placed in the oven while still frozen because bacteria love a warm, moist environment such as that found in a pre-stuffed turkey that is thawed.

A plain turkey permits the cook to use appropriate basting fluids and stuffing ingredients. Basting a turkey with its own juices is most healthy rather than adding extra fat or salt.

Turkey leftovers make delicious dishes such as turkey salad, curried turkey with water chestnuts, and, of course, the luscious turkey sandwich that's a treat in any brown bag lunch.

## Paper by Dr. Melvin Miles wins top award

Best scientific paper of the year published by an NWC scientist, according to the competition sponsored by the China Lake Branch of Sigma Xi, the Scientific Research Society of America, was entitled "The Electrochemical Conversion of Carbon Dioxide into Methanol." This paper has caused much interest both in the United States and abroad.

Dr. Melvin Miles, who actually wrote the paper, says that its publication in one of the two September issues of the Journal of Electroanalytical Chemistry and Interfacial Electrochemistry has resulted in requests for reprints from as far away as faculty members at the University of Warsaw in Poland.

"There's a great deal of interest in the subject," Dr. Miles notes, "because it deals with using carbon dioxide (of which there is no foreseeable shortage) to produce fuels such as methanol or gasoline. Much research is being done world-wide because oil fuel supplies will probably become depleted in the next century.

"It's a process that has a similarity to photosynthesis," he says. "What is a concern currently is that such conversion requires a cheap source for the electrical power needed for such a conversion."

Dr. Miles received the Sigma Xi award because he was the "first author" on the paper, which lists Dr. A. N. Fletcher, G. E. McManis, and Dr. L. O. Spreer as co-

authors.

He has been active in Sigma Xi, the Scientific Research Society, since he was working on his doctorate in chemistry at the University of Utah. The China Lake Branch is one of 500 branches of Sigma Xi whose 125,000 members are located at universities and research establishments such as NWC.

"I joined the China Lake Branch as soon as I moved to the local area to stay in 1978," he adds.

His becoming a permanent member of the Chemistry Division was an involved and lengthy process.

After having completed his doctorate in chemistry from the University of Utah (and receiving a bachelor's degree from Brigham Young University), he had a postdoctoral fellowship with NATO in Munich, Germany. While there, he accepted a job offered him by the Naval Ordnance Laboratories in Corona, California, and worked at Corona until 1969.

At that time, many of the personnel from Corona were to move to China Lake, but the electrochemical group did not have the opportunity to make that switch. He moved to Tennessee and taught at Middle Tennessee State University from 1969 to 1978. Summers he spent working at NWC, with the exception of two summers that he spent at Brookhaven National Laboratory.

"Both my wife and I are really

westerners," Dr. Miles says, "and, although I really enjoy teaching, we both wanted to move west again because her family is in southern Oregon and I grew up in St. George, Utah, where my family still lives." This occasioned his being recruited by Dr. Bill McEwan, who headed the Chemistry Division at that time, and he and his wife, Joyce headed west once more.

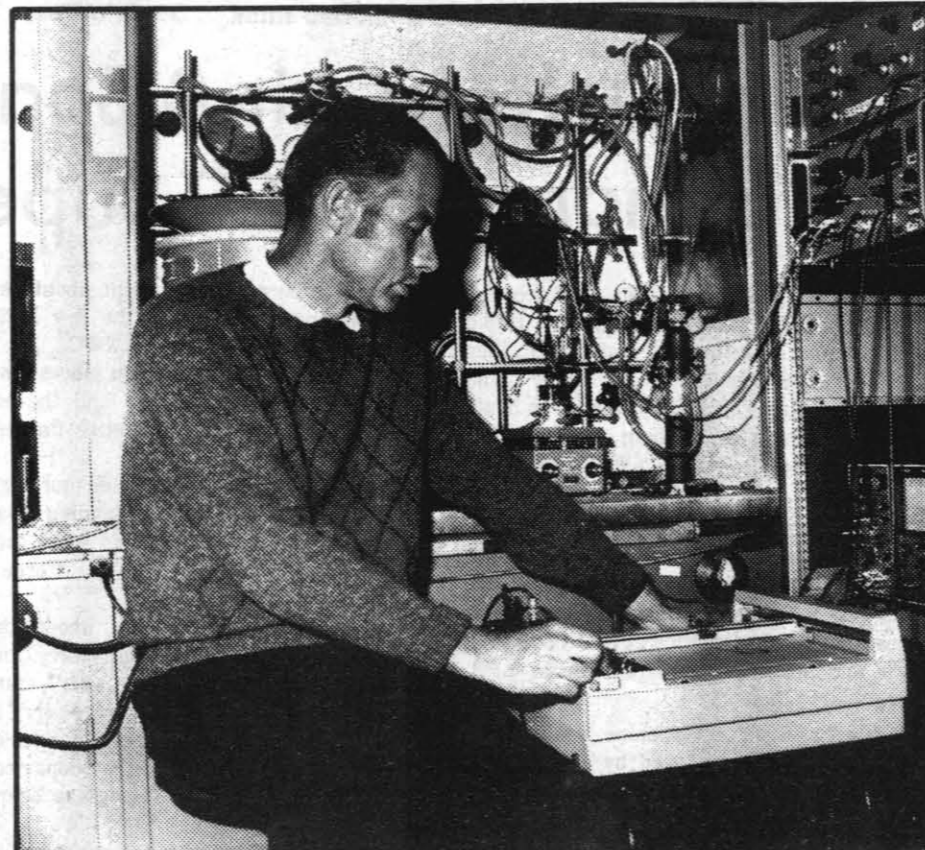
One of the attractions of the west for Dr. Miles is the opportunity to be active in running; (he's an avid member of the Over-the-Hill Track Club and participates in all races from three miles to half marathons.) While in high school, he was an all-state basketballer in Utah, and played baseball and basketball while in college at

Dixie State.

"I encourage our children to be active physically as well," he says. Children include a 20-year-old son who is currently on a Mormon mission in Spain, a 16-year-old daughter, a 10-year-old daughter and a son who had his sixth birthday in mid-November.

Both Dr. Miles and his wife really enjoy children. As well as caring for their own, Mrs. Miles has a small child care center where she cares for another four youngsters aged two through five years.

The desert is a good place for children, he feels, because of the variety of climate and fresh air — and it's a great place for adults, too, he adds.



**HARD AT WORK** — Dr. Melvin Miles works with some of the electromechanical equipment he used in doing the work about which he wrote in the paper for which he won the Sigma Xi award as "best paper of the year." — Photo by PH2 Rick Moore

## National Guard joins effort to haul away aging bomber

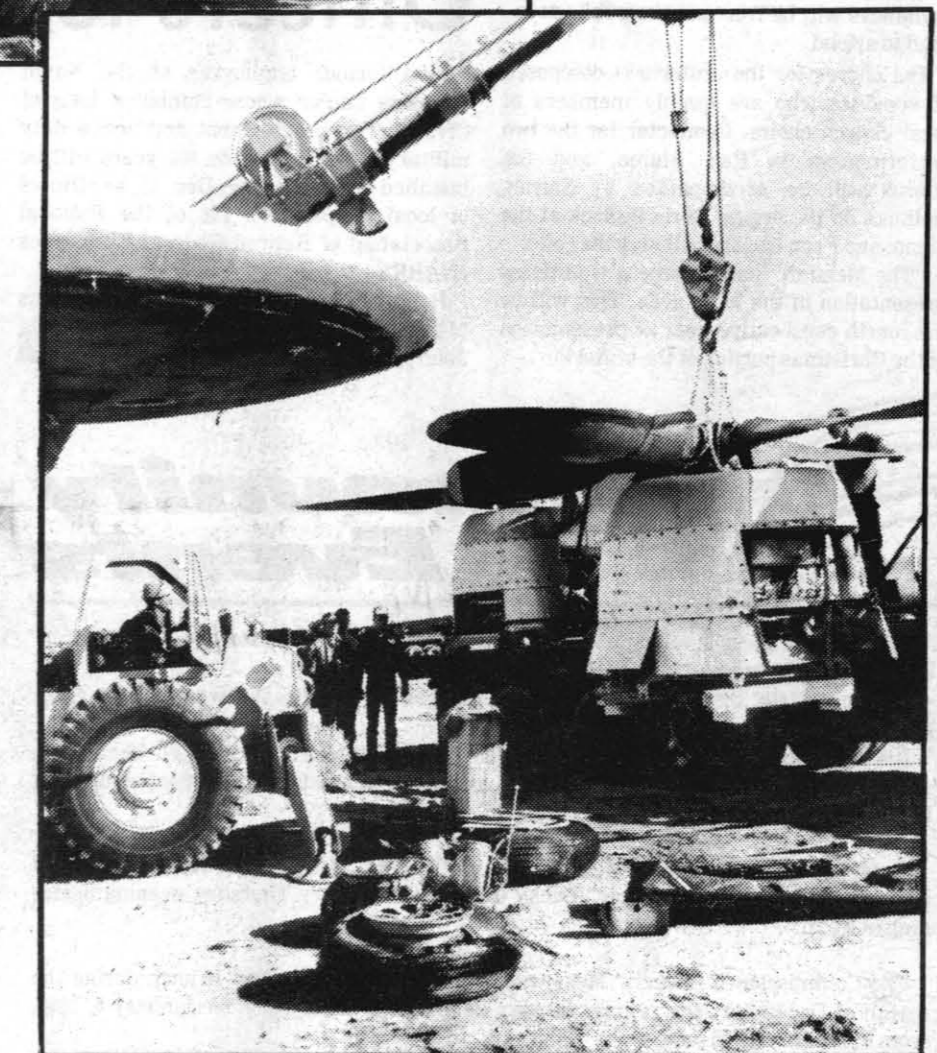


**READY TO ROLL** — Mike McRoden of Watertown, South Dakota gets his truck, hauling the front half of the B-29, ready for the long trip home.

Photos by Steve Boster



**CHECKING LOAD** — Jim Hegan and Tom Ekjenstad of Clear Lake, South Dakota check the tie downs for their part of the B-29 shipment.



**EASY DOES IT** — Air Force volunteers from the South Dakota Air and Space Museum and National Guardsmen watch an engine being moved into place for shipment of Ellsworth, AFB.



**HEAVE-HO** — South Dakota Army National Guardsmen use old-fashioned muscle power in an effort to get a B-29 fuel tank loaded on a trailer.

**NWC Rocketeer**

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# Fish and Game Commission revises fishing rules

California Fish and Game Commission will adopt 1986 sport fishing regulations at its meeting in Sacramento today (Friday). Based on tentative approvals, the new rules would tighten some regulations, liberalize others and provide for greater ease of understanding for the angling public.

More liberal regulations — those tentatively approved by the commission would, among other things:

- Open most areas of the state to night fishing.
- Simplify the rule on the use of dead ocean fish as bait and extend its use to most areas of the state.
- Allow the use of crickets as bait at Lake Shasta.
- Allow the take of bait from certain waters in Imperial County where such take is now prohibited.
- Open the entire Imperial Valley to fishing (current regulations prohibit fishing in about one-third of the Imperial Valley).
- Open Cold Creek in Glenn County to year-round angling with a five-trout limit.
- Remove the closure on the Trinity River from Brown Mountain Road downstream for 880 yards.
- Allow the take of mussels at state parks, beaches, reserves and recreational areas; and at national parks, monuments, and seashores.

• In a change in reptile regulations — rules for the sport take of reptiles and amphibians are adopted along with those for

sport fishing — the possession of two live rattlesnakes would be allowed. Current regulations allow the take but prohibit the

possession of live rattlesnakes.

Included among more restrictive rules tentatively approved are regulations which would:

- Make it illegal to waste any sport-caught fish.
- Simplify gear restrictions by applying them by county rather than by water; extend the prohibition on the use of gear having a weight situated below or beyond the hook to all streams in Trinity, Humboldt, Del Norte and Siskiyou counties west of Interstate Highway 5.
- Simplify size limit regulations on black bass by establishing a statewide minimum size limit of 12 inches.

• Simplify the regulations on the take of stripped bass by providing a two-fish limit and an 18-inch minimum size limit statewide except within the Colorado River Fishing District (ten fish, no size limit) and at San Luis Reservoir, O'Meill Forebay, Pyramid Lake, Silverwood Lake and all canals of the state and federal water projects south of highways 132 and 580 (five fish, no size limit).

• Close By-Day Creek and tributaries, Mono County, to all fishing, thereby extending the emergency closure initiated in July 1985.

• On the Truckee River, Nevada County, extend from the Glenshire Drive Bridge to the Boca Bridge the special gear restrictions; add a two-fish limit from Boca Bridge to the confluence of Gray Creek.

And, establish a year-round limit of three trout or salmon in combination, but no more than two salmon on the Sacramento River below Keswick Dam.

## Racquetball tournament set for NWC during January

Naval Weapons Center personnel can take part in a racquetball tournament next month. Sponsored by Recreational Services Department's Sports Branch, the January 24-26 competition is open to military and civilian personnel, retired military members and dependents of each group. All participants must be at least 17 years of age.

Open division play includes all eligible participants while novice players can

enter the novice open class while a special division will be for women only.

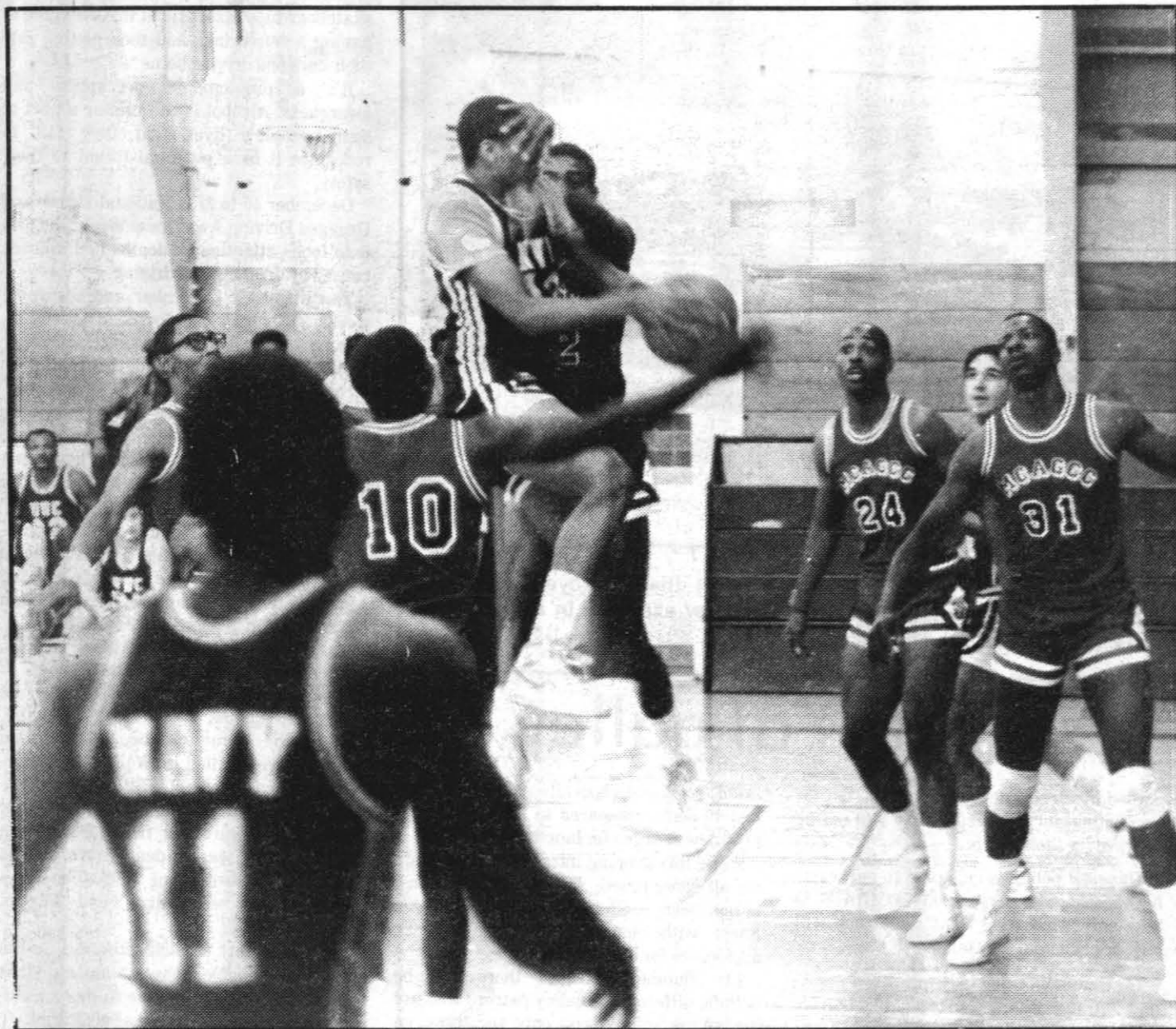
Players have to register by Jan. 22. Entry fees are \$3 for military and their dependents and \$5 per person for DOD civilians and their dependents.

Awards will be presented to first and second place finishers.

For more information call the Sports Branch at NWC ext. 2334.



## Sports



**HOOP ACTION** — NWC Men's Varsity basketballers gave Marines from Twenty Nine Palms a hard game, but didn't have the outside shooting to come up with a victory on Sunday. The NWC cagers are scheduled to

face Norton AFB hoopsters in a game at 3 p.m. tomorrow (Saturday). The women's team is scheduled for 1 p.m. against Norton cagers, as varsity hoop play continues. — Photo by Steve Boster

## Jones leading

Jones Mobil retains leadership of the Premier Bowling League this week with a 148-72 record. Holding the second spot are Buggy Bath bowlers with a 125-95 overall mark. Hooper's Troop commands the cellar position with a 85-135 record.

Mike Dowd's 625 series topped individual bowlers. He also rolled a 246 game and Alan Ribulian had a hot 256 single game.

Team results found Elks Lodge bowlers with a 782 high team game while Thrifty Wash Laundry's 2,194 was the high team series.

Team	Standings	Won	Lost
Jones Mobil		145	72
Buggy Bath		125	95
Hideaway		113½	106½
Elks Lodge		111½	108½
The Place		107	113
Farris' Restaurant		100	120
Thrifty Wash		90	130
Hooper's Troop		85	135

## Miller wins

Howard Miller turned in the day's fastest time as the Over-The-Hill Track Club hosted more than 100 runners in its 1985 Turkey Trot Race at Cerro Coso Community College.

Despite strong winds and chilly weather on Thanksgiving Day, a record entry of 117 runners took part in the three-mile run.

This was a handicap race and finish positions were determined by handicaps drawn from a bag and that time being subtracted from actual running time of entrants.

Those who just like to look at wildlife can find deer in their winter range. Best bet currently is just off the Onion Valley Road heading west from Independence.

## Golf meeting

There will be a general meeting of China Lake Men's Golf Club members at 5 p.m., Wednesday, Dec. 11 at the golf course. New officers will be elected at this meeting and all members are encouraged to attend.

## Winter storms move waterfowl into area hunting ranges

Winter storms are now moving ducks in through the Lake Isabella area and those hunters who are familiar with the lake are getting their limits. Department of Fish and Game wardens suggest that hunters become familiar with the pot holes and sloughs because a lot of the birds head to these when winds blow them off the lake.

DFG wardens also suggest strongly that hunters don't feel the need to warm themselves internally with alcohol while hunting — drinking and shooting don't mix very safely.

They also remind duck hunters that merely shutting off the motor of a boat before shooting is not enough; all forward motion of the boat must have stopped before it's legal to pot any water fowl.

Bird hunting has slowed down with the rains. Hunters are reminded that the Bureau of Land Management has posted a number of roads against either motorcycles or cars or both. Signs have been erected; hunters and others would be well advised to look at these carefully before proceeding, even though they may have been using the

same roads for years.

Bear hunters still abound in the mountains but are having a tough time finding bear currently.

Lots of ducks and geese are flying through the Owens Valley at this time. The operative words, however, are "flying through" because there are relatively few ponds for them to land on. Tinemaha reservoir is dry, and most of the ponds and sloughs east of Black Rock are also now dry.



## The Skipper Sez...

### QUESTION

**Civilian employee** — I am calling in behalf of a number of people who work near the west gate of Michelson Lab where a real logistics problem currently exists, namely parking spaces. As you know, the number of employees have increased everywhere and additional parking spaces have been provided in some areas, for example, the east parking lot. On the west side, the existing lot has been restriped, apparently with the purpose of minimizing the number of spaces. Parking on E Street is currently totally prohibited, for construction purposes, and now police are back to their game of ticketing anyone who is not in compliance with their standards. Parking in the east lot, and walking to the west gate area seems a little unreasonable. We would appreciate your assistance in resolving this problem. Thank you for listening.

### ANSWER

While it's true that the number of employees has increased in the Michelson Lab compound, efforts have been made to provide an adequate number of parking spaces. Parking spaces near the West Gate area are currently provided on E Street, Cobra Street, and in the dirt lot on the corner of Blandy and Cobra Street adjacent to the south fence line. Although the dirt lot requires a few more steps to the gate it appears to have adequate parking available.

The striping of parking spaces on the West Side was done for more orderly parking which normally provides more parking spaces. It was necessary to block E Street for a few days to accomplish road maintenance; however, parking was restored immediately thereafter.

The China Lake Police Department does not "play games" ticketing individuals. Motorists are required to follow the California Vehicle Code and the NWC Security Manual (NAVWPNCENINST 5510.29 Ch-11 App. III-4-A) which set forth general vehicle regulations. Violators of these regulations will be cited accordingly. Personnel should be familiar with NWC parking regulations as stated in the Security Manual.

### QUESTION

**Military** — My question is that how come every time we get a pay raise the Navy Exchange raises the price of their cigarettes 5 or 10 cents? I thought they were there to save us money. I would appreciate a response to this. Thank you, sir.

### ANSWER

There's a perception that when the military gets a pay raise, prices go up in the exchanges. It isn't so. Exchange prices are based on how much manufacturers charge for their products. In general, items in the exchange are marked up 8½ percent to 30 percent, with the lowest markup given to necessity items, a medium markup on staple items, and a higher markup on less essential items such as jewelry and fashion merchandise.

Prices of cigarettes did recently go up in all exchanges by .25 to .30 per carton. The same increase is true with other tobacco products such as cigar and chewing tobacco. These price increases were a direct result of manufacturers increasing their prices.

### QUESTION

**Dependent** — I just read the Skipper Sez column and the paragraph about checking for ID cards at the gas station brings to mind an incident that happened at the Mini-mart. I know that the civilians living on base have access to the Mini-mart as long as they show their yellow cards with some T or R on it, but I'd like to know why they aren't being carded, period. I go in and stand in line and I know that the people in front of me are not being carded, and I make a point of showing the girl my card and asking her, "Don't you card people anymore?" I'm not picking on the employees there, I'd just like to know what the policy is, do we have to show a card or don't we have to show a card? Thank you.

### ANSWER

Yes, ID cards are required. I will ensure this policy is enforced — I have to show mine every time I go even though my picture is on display behind the counter.

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



**ABSORBING SUBJECT** — Discussing some financial data are analysts Theresa Thomason (seated), Trisha Chan, Nancy Finton and Gemma Ivanivsky. — Photo by Mickey Strang

## Budget Division tasked to help other organizations get job done

Helping the various organizations on the Center get their tasks accomplished within the financial rules is the main role of the Budget Division of Central Staff, which is tasked to provide financial management support to the Center.

"We pride ourselves on finding ways to help accomplish the mission of the groups we serve," says Tom Gerrard, who serves as Deputy Division Head to Gale Poppen, head of Code 083.

The approximately 55 Financial Management Advisors, budget analysts, and budget assistants and clerks of the division are spread throughout the Center, largely housed physically with the code that they serve. In addition, the Special Projects Branch, headed by Nani Banks, deals with issues that transcend individual departments or that require an extremely quick response.

Although currently all the senior FMAs hold degrees, mainly in either business administration or public administration, the characteristic that is more essential than formal schooling is the ability to see through complex issues to the heart of financial problems and to be able to solve these, Poppen says. Generally, all have served as budget analysts previously.

Those who are budget analysts are also either degreed or are functioning in an upward mobility fashion to attain further training, according to Gerrard. They move into budget analyst positions from a variety of backgrounds such as from budget clerks, administrative officers, clerical personnel on the Center who hold bachelor's degrees and wish to use this training, and from administrative junior professionals.

"There's a fair amount of turnover of personnel," he says, "because they not only have excellent budget backgrounds, but also are outstanding in their dedication to meeting the needs of the organizations they serve. Consequently, others on the Center seek them to serve as business managers

or administrative officers."

What makes personnel from the Budget Division desirable to other groups also, Poppen believes, is that they are self-starters, highly motivated, and intelligent. "Due to the level of people that they deal with," he notes, "they are able to cut across organizational lines to get jobs done and are able to be creative in meeting organizational needs. They know what they are supposed to accomplish and they are determined to find ways of meeting such needs."

Much emphasis is placed on training in the Budget Division, both in internal training of its own personnel and in training administrative or technical personnel from other Center organizations.

Poppen regularly coordinates and teaches classes in financial management, such as NIF, Financial Management for Non-Financial People, and classes on budget for new supervisors.

The skills of Budget Division personnel are often called on by various Center committees to solve special problems or to work on special studies.

"Our role," Poppen says, "is to serve as a resource for operating departments so they can accomplish their objectives within the framework of existing regulations and to be sure that departments know what these regulatory requirements and procedures are. We're here to help get the needed job done in compliance with governing directives."

## Summer now available

Information was released this week by the Center's Personnel Department regarding summer employment. Applications for summer employees will be accepted from Feb. 14 through March 14, and may either be hand-carried to the Personnel Department, 505 Blandy Ave., during that time or may be mailed in.

To ensure fair and equal consideration for all applicants, the program has been completely revised. Major changes in the program include a random selection process that will be used for the assignment and placement of all Group I and Group II summer employees.

All those who wish to be considered for summer employment in 1986 must submit the required forms specified for Groups I, II or III. Rehire status has been eliminated for this year and everyone must compete for employment in the summer program.

A full listing of qualifications and information about the program can be found in this week's Rocketeer Personnel Department insert.

More information can be obtained by telephoning NWC ext. 2348.

## Mini-IRS conference set Dec. 16-19

Forty-two papers will be presented by China Lakers at a Dec. 16-19 Mini-IRS (Infrared Information Symposium) on military applications of electro-optical technology.

Each presentation, about 10-15 minutes long, will focus on advances and developments in some phase of electro-optics.

Burrell Hays, NWC Technical Director, in announcing the symposium said it would allow for information flow and cross fertilization of ideas.

Set for the mornings of the four days, each session will focus on a particular aspect of electro-optics and include a keynote presentation by China Lake per-

sonnel.

It is restricted to China Lake employees only and gives scientists and engineers the opportunity to learn a little about what their colleagues on Center are doing in this field. It has been described as a sort of technology exchange.

On Dec. 16 papers will be presented on infrared search and track with the keynote paper on "Operational Experience" presented by VX-5 personnel.

The Dec. 17 session will focus on lasers and new technologies and the keynote paper is on "High Altitude IR Signatures of Aircraft."

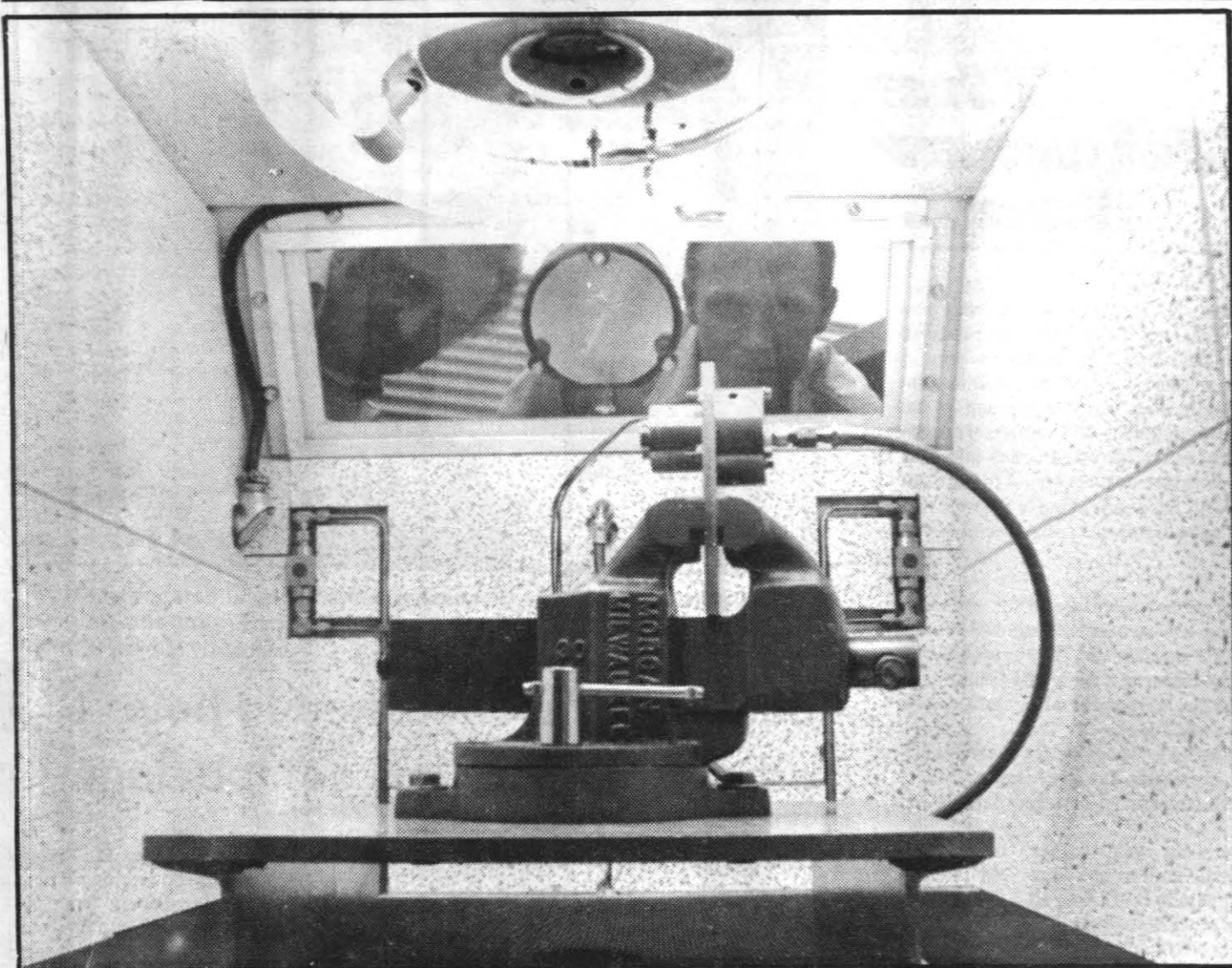
Dec. 18's session will be devoted to com-

ponents and the keynote presentation will be on "Foreign Technologies."

And, on Dec. 19, attendees will see presentations relate to new laboratory equipment methodologies. The keynote paper will be on "Minimum IR Seekers for Dual Spectrum Applications."

Each session will run from 8:30 to 11:30 a.m. in Michelson Laboratory's Room 1000D.

This symposium is the latest in a series that began in 1972 and have continued in an irregular basis. Presentations will be supported by unclassified abstracts and lists of reference materials.



**TEST CHAMBER** — Ron Smith (left) and Chris Toftner can watch a test of a high speed turbine thanks to this test chamber in the Weapons Power Systems Branch's new laboratory. The chamber is just one of several test devices branch personnel have installed in their new facility. — Photo by PH2 Rick Moore

## Cerro Coso schedules registration

Cerro Coso Community College has announced its registration schedule for the upcoming spring 1986 semester.

The spring semester begins January 13 and concludes May 29.

Registration for the spring 1986 semester for continuing students will be conducted on December 9, 10, and 11, by appointment only.

New students attending an orientation session will be given priority registration immediately following the sessions on December 12 and January 6, by appointment only.

New and continuing student registration will be conducted, by appointment only, January 7, 8, and 9 from 9 a.m. to 12 noon and from 2 to 6:30 p.m.

Interested individuals may make a registration appointment by calling the College at 375-5001, Monday through Friday from 9 a.m. to 5:30 p.m. beginning November 25.

New students are encouraged to participate in the spring semester new student orientation and registration program at Cerro Coso Community College. The one-hour orientation session will be held on Thursday, December 12, 1985 at 9 a.m.; 1 p.m.; 2:30 p.m.; and 4:30 p.m.; and again on Monday, January 6, 1986, at 1 p.m.; 2:30 p.m.; and 4:30 p.m.

Topics will include available major fields and study programs, graduation and transfer requirements, and student support services. Space is limited, advance registrations must be made for a specific orientation session by contacting the Registration Appointment Desk at 375-5001.

Students requiring placement tests or a counseling appointment regarding their academic schedule should contact Student Services at 375-5001, ext. 219, prior to their regular appointment.

For enrollment in English and Office Careers courses students must obtain placement cards from Student Services prior to registering for classes.

A nominal enrollment fee of \$5 per unit up to 5 units, or a flat fee of \$50 for 6 or more units will be required at the time of registration.

For more information or a copy of the Cerro Coso spring 1986 schedule of classes call the College at 375-5001.

## Systems lab...

(Continued from Page 1)

With new, increased flexibility for development and testing, Weapon Power Systems Branch engineers and technicians are looking forward to future expansion, including an increased data acquisition capability. "With these improvements, we'll be able to control the entire test sequence automatically by computer," said Dettling.

With the availability of the Power Systems Laboratory, Branch personnel can more efficiently pursue their goal of developing power systems to meet the needs of advanced Navy weapons systems.



Vehicles suffered last week as a series of minor traffic accidents occurred. In the Navy Exchange parking lot, one vehicle backed into another, with minor damage to both. Some damage also occurred when one vehicle backed into another in the BEQ parking lot. In that instance, the accident was initially written up as a hit and run because the driver left the scene; the driver later came to the police station to file the damage report. A third backing accident happened at the Center gym parking lot — again, minor damage resulted.

Unknown persons threw a rock at a vehicle driving down East Inyokern Road, and struck the windshield. The windshield broke. Although this report was for vandalism, throwing rocks at moving vehicles can result in a felony charge.

A bicycle rider on Stroop Avenue had his 4-year-old son riding on the handlebars when the child got a foot stuck in the front spokes. The resulting fall caused head injuries to the youngster, who was transported to Ridgecrest Community Hospital by ambulance for treatment.

Police were called to keep the peace at the Enlisted Mess around midnight Wednesday, Nov. 27. Police wondered if anticipation of a big turkey feed the next day caused all the excitement.

Two Ridgecrest women who said they were out to look at a friend's horse got their vehicle stuck by the stables at 1:15 a.m. and had to be assisted by the China Lake police.

During a family fight in a household on Burroughs Avenue, corporal injury and battery were inflicted on his wife and a friend by a military man. He was arrested and transported to the China Lake police station, from which he was released to the OOD.

## Estate, tax class slated Thursday

Maturango Museum will sponsor a free Estate and Tax Planning Seminar on Thursday, December 12, from 6:30 to 9:30 p.m. in the Sylvia Winslow Exhibit Gallery. The seminar will be conducted by the legal advisor to Maturango Museum, William Finestone of Walter, Finestone, Richter, & Kane of Westwood. Finestone is an attorney specializing in estate and tax planning and in real estate transactions.

During the three-hour seminar, which is free and open to the public, he will present various aspects of estate and tax planning, including analysis of property, types of wills, how to save estate taxes, avoiding probate, and charitable tax planning. Additional topics Finestone will discuss include retirement security, educational expenses, and how to "unlock" capital gains. He will also report on 1985 tax reform proposals and share ideas on year-end tax planning.

## Navy Air Reserve in search of more members

The Navy's selected Air Reserve needs both veterans and recruits to support its fighter, patrol and helicopter squadrons, according to Lt. Lee Phillips, USNR-R, Recruiting Officer at NWC's reserve support unit.

Lt. Phillips, a computer scientist at Thompson Laboratory in his civilian life, says the selected Air Reserve is seeking veterans with prior service in any branch of the military service.

He adds "Personnel with appropriate work experience can qualify to enter the reserves in an advanced pay grade status. They don't have to start at the bottom rung. A direct commission program is available

to professionals who are college graduates, especially those with prior military service."

Lt. Phillips notes that the Naval Reserve offers an opportunity to Indian Wells Valley residents who are over 17 years of age and are either high school students or high

school graduates. They can receive technical training in an aviation or other field, or G. I. Bill financial assistance for college or vocational/technical school. In some circumstances, additional enlistment bonuses in excess of \$1,000 are available to individuals successfully completing

selected Navy technical schools in critical fields. These students will train during the summer and one weekend a month while completing school or working at their civilian jobs.

"The Naval Reserve is a part time job," Lt. Phillips says. "You will earn drill pay, retirement credit, life insurance, Navy Exchange and commissary privileges, and will meet new friends. Your two-week summer cruises can take you to such places as San Diego, San Francisco, Hawaii or the Philippines. It's a great change of pace."

Further information can be obtained from Lt. Phillips at NWC ext. 2951 or from Chief Meyer, who can be telephoned collect at (805) 488-8877.



# Military News



**DEC. 7, 1941** — Tomorrow marks the 44th anniversary of the bombing of Pearl Harbor that forced the United States into World War II. This file photo shows dazed sailors at the destroyed seaplane base while the USS Shaw explodes in a fireball in the background. — U.S. Navy Photo

## Week focuses on alcohol's dangers

Ever wonder why some people shudder at the thought of flying, grow faint at the idea of skydiving or scold their kids about skateboarding hazards, but think nothing of having a few drinks and then getting into their cars and driving home?

It's a problem of perception and awareness. Alcohol is so familiar a part of some people's lives that they fail to recognize it as a potential threat to their safety.

December 15 to 21 is National Drunk and Drugged Driving Awareness Week; the aim is to focus attention on deaths and injuries caused by drinking and driving.

The month of December and the early weeks of January usually mean a lot of office parties, holiday receptions and other social occasions that lend themselves to alcohol consumption.

Drunk drivers cause half of all auto deaths in the United States. Within the last decade, more than 250,000 people have been killed in alcohol-related accidents. That's more than five times the number of U.S. combat deaths in Vietnam. Last year, approximately 23,000 people died and more than 600,000 were injured in alcohol-related accidents. Every 20 minutes, one American life is lost in an alcohol-related accident.

During fiscal 1985, 443 soldiers, sailors, airmen and Marines lost their lives in four-wheel motor vehicle accidents. Of those, 121 deaths were alcohol related. During the same period, 196 service members were killed in two-wheel (motorcycle, moped) accidents. Fifty-three of the fiscal 1985 deaths were drug and alcohol related. The figures for fiscal 1984, which do not include Marine deaths, are just as bad: of 649 two-wheel and four-wheel fatalities, 144 were drug and alcohol related.

National Safety Council estimates for the upcoming holiday season indicate that nearly 2,000 people may die in motor vehicle accidents involving the use of alcohol.

With the hope of reducing the number of lives lost, the National Safety Council this year is emphasizing its theme, "Designated Driver: Being a Friend." The principle is simple: one person in each group does not drink alcoholic beverages and assumes the responsibility for driving the other guests home safely.

## Item pricing system set at galley

Sailors eating at the Naval Weapons Center Enlisted Dining Facility will notice some changes starting Feb. 1. The Navy will introduce an item pricing system for military personnel receiving commuted rations (COMRATS).

This system is designed to minimize waste of food, encourage better management of Navy galleys and give those on COMRATS more of a choice when it comes to meals.

Ltjg. D. A. Plumhoff, food service officer, said sailors who do not receive COMRATS, but use a meal pass will notice no real difference. They will continue to eat at government expense. As with COMRATS customers, individual items chosen by personnel receiving ration-in-kind will be re-

corded by electronic cash registers, but for accounting purposes only; they will not be charged for their meals.

This new policy is expected to cut waste by encouraging persons on COMRATS to take only what they want since they will pay for each item they take.

Lt. Plumhoff expects it will mean a savings for many of those using COMRATS. "If they come in for breakfast and just want milk and a sweet roll, it'll just cost them 15 cents. Five cents for the milk and a dime for the sweet roll," he added.

Cash registers and cashiers will be at the end of each serving line. They will collect cash from those on COMRATS based just on what they selected to eat. For example, a lunch of a hot turkey sandwich, garden

salad, soda and chocolate cake would cost just 70 cents compared to the flat rate of \$1.50 now charged for lunch and dinner.

While this is being introduced Navy-wide for all shore-based, stateside installations, it has been used in the past by the Air Force with customers showing a clear preference for item pricing.

Lt. Plumhoff stressed there will be nothing different for galley patrons who use the yellow meal pass, only for those on COMRATS.

He also asked Navy personnel to be patient as the new system is put into place. Lt. Plumhoff expects there will be the usual bugs in any new system. He expects, nonetheless, most galley patrons will find item pricing for COMRATS a beneficial change.

## SECNAV orders reduction of administrative workload

The administrative workload reduction ordered by Secretary of the Navy John Lehman last week applies throughout the Navy Department.

In ALNAV 137/85, Lehman specifically directed all aviation units take immediate steps to reverse the ratio of time spent on non-mission-related administration duties

to time spent on operational planning, flying and training. He also said similar actions are to be taken throughout the Navy and Marine Corps and established a moratorium on all reporting requirements established by the Navy secretary.

The reduction was ordered after a blue ribbon panel study of administrative

workload and collateral duties in Navy and Marine Corps Aviation Squadrons found that squadron aviators spend an average of two-thirds of their time in non-mission-related administrative duties.

The Secretary, Chief of Naval Operations (CNO) Adm. James D. Watkins and Commandant of the Marine Corps (CMC) Gen.

P.X. Kelley Jr. were shocked by the findings and are convinced a similar situation exists throughout the fleet. "The CNO, CMC and I agree this rapid and effective action on making major reductions in administrative requirements imposed on operational units is a top priority," Lehman said.

## Branch adopts needy family at Xmas

For the past several years, members of Central Staff's Cost Accounting Branch (Code 0862) have brightened the holiday season by adopting a family or families that need help.

This year, the branch is adopting three families as well as some elderly residents of the Indian Wells Valley. Each family will receive a food basket. In addition, the ages

and sizes of children in the households have been given to branch members by We Care so that clothing and gifts for the kids can also be collected.

Branch members take these gifts and clothing to the parents, along with gift wrapping so that parents can ensure there'll be packages to open up Christmas morning.

Anyone who would like to join the Cost Accounting Branch in this activity can provide food, money or gifts to the branch members to be passed on. Any such donations should be taken to Room 1033 or 1035 in the Headquarters Building.

Other branches or organizations that would also like to adopt a family for Christmas can get the name of a needy family by telephoning We Care at 375-9200.

## Orientation tour set by library

The Center's technical library is scheduling a new series of library orientation tours for NWC personnel.

Tours cover a discussion of the arrangement, organization, and holdings of the library as well as the products, services and resources available to users. Literature searches and different on-line services will also be described, and search capabilities of Dealog Database Information demonstrated.

Anyone who would like to attend an orientation session should telephone either Marge Claunch at NWC ext. 3380 or Kay Keener at NWC ext. 2313 to register.

## Timecards due early for holiday

All personnel who are responsible for the submission of timecards are reminded that because of the December 25 Christmas Holiday, timecards for the regular workweek ending Dec. 21, must be turned in by 4:30 p.m. Tuesday, December 17.

This is necessary in order to meet the normal payday of Dec. 27. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Dec. 17 deadline may result in a delay in pay for employees.

In order to meet the Dec. 17 deadline, it will be necessary for departments to project or estimate what will occur on Wednesday, Thursday, Friday, and Saturday,

and submit the timecard by 4:30 p.m. on Tuesday. On Wednesday afternoon, if it is discovered that the timecard projections are in error as submitted, the errors can be corrected by submitting a corrected timecard annotated as such, between 11 a.m. and 3:30 p.m., Dec. 18. Errors discovered after 3:30 p.m. should be corrected by sending a memorandum to the Payroll Office, Code 0853, the following week.

Any overtime worked after 4:30 p.m. on Tuesday, Dec. 17, through midnight Dec. 21, should be submitted on a supplemental timecard for payment the subsequent pay period.

# Information offered on filling out forms

This is a publication provided as assistance in preparing documents needed by the Personnel Service Divisions to process personnel actions. The Personnel Service Divisions are attempting to better meet management needs by expediting the flow of information from the requestor to personnel. One factor that can delay the processing of personnel actions is the lack of proper supporting documents.

There are exceptions to the matrix and, depending on the type of request, additional involvement or documents may be required. For example, a new position/job description may not be required if a current one exists and has been properly classified; the

development of a crediting plan may require input from the supervisor and one or two others; and a superior qualifications package or highest previous rate authorization may be required for certain actions. Therefore, it is strongly recommended that you always check with your personnel management advisor or personnel assistant.

The Personnel Service Divisions hope this matrix will increase understanding of documents required to process personnel actions. Suggestions for improvement should be submitted to your personnel management advisor.

ACTION DOCUMENTS MATRIX

Desired Personnel Action	DOCUMENTS REQUIRED										
	P.A.R. (SF-52)	P.A.C., P.D., D.	Score Pkg. (includes form #8)	S.F.-171 (fr. employee)	Area Access form	Advertisement	Request for Transfer/Reassignment	K.S.A.P.'s statement	Notice of rating for fr. OPH	Supplemental Form (OPM)	Termination clearance sheet
<b>1. EMPLOYMENT OF PERMANENT PERSONNEL WITHOUT CIVIL SERVICE STATUS</b>											
(a) Delegated Examining	x	x									
(b) Predetermined score hiring process	x	x									
(c) OPM Registers	x	x									
(d) OPM Register name requests	x	x									
(e) Excepted appointments (coop, v.r.a., etc.)	x	x									
(f) Recruitment Direct Hire	x	x									
<b>2. EMPLOYMENT OF PERMANENT PERSONNEL WITH CIVIL SERVICE STATUS</b>											
(a) Merit Staffing	x	x									
(b) Reassignment	x	x									
(c) Reinstatement	x	x									
(d) Transfer	x	x									
(e) Conversion to reinstatement (fr. temp. appt.)	x	x									
<b>3. EMPLOYMENT OF TEMP. PERSONNEL WITH NO CIVIL SERVICE STATUS</b>											

(a) Temporary announcements	x	x									
(b) Excepted Appointments	x	x									
(c) Predetermined score hiring process	x	x									
<b>4. EMPLOYMENT OF TEMP. PERSONNEL WITH CIVIL SERVICE STATUS</b>											
(a) Reinstatement	x	x									
<b>5. OTHER PERSONNEL ACTIONS</b>											
(a) Career promotion	x	x									
(b) Promotion, accretion of duties	x	x									
(c) LWOP (or Ext. of.) (more than 30 days)	x	x									
(d) Change in working hours	x	x									
(e) Change in working schedule (fulltime to parttime or ?)	x	x									
(f) Resignation	x	x									
(g) Separation-Transfer Death/Retirement	x	x									
(h) Temp. promotion for 120 days or less	x	x									
(i) Temp. promotion for more than 120 days	x	x									
(j) Details over 30 days to classified positions.	x	x									
(k) Detail over 30 days to unclassified positions.	x	x									
(l) Redescription of position	x	x									

1. May be required; check with P.M.A.
2. Application (SF-171) may already be on file in personnel (code 09).
3. Employee must sign P.A.R. in order to process action. (resignation action must include forwarding address, item E, part IV.) (employee must request hours reduction; needs employee signature on PAR)
4. Need employer signed statement on PAR understanding conditions of temporary promotion, including returning to grade previously held.

## Recent Additions

Code	Name	Title
094	Wiederhold, Dorothy M.	Emp. Dev. Clerk (Typing)
621	Farmer, James W.	

## Recent Separations

24223	Garland, Robert L.	Firefighter
24223	McClanahan, Douglas E.	Firefighter
3109	Minnis, Kathleen P.	Computer Clerk
3155	Bauman, John A.	Electronics Engr.
3621	Gottheimer, Roger J.	Electronics Engr.
6202	Wilson, Marie H.	Clerk-typist

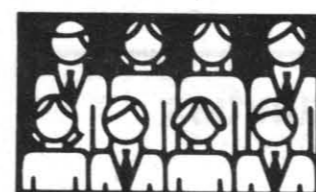
## Notice Regarding Training Class Locations

During the next few months while the Training Center is temporarily closed, classes will take place in various locations in the valley. Notification of the exact location and directions on how to get there will be attached to the copy of your training request sent back to you indicating the approval of your enrollment.

There have been a few instances where the student has not received the enrollment approval prior to the start of the class, leading to lost time and effort trying to find the class.

If you have not received an enrollment form by 1 p.m. on the day prior to the start of a class you are planning to attend, call the appropriate number (listed below) to verify your enrollment status and the exact location of the class.

Professional/Technical	NWC ext. 2359
Supervisory/Management	NWC ext. 2349
Safety/Security/Supply	NWC ext. 2349
General Skills/Clerical/EEO	NWC ext. 2686
Academic/Trades	NWC ext. 2648



# Personnel News & Notes

No. 41, December 6, 1985

Naval Weapons Center, China Lake, California 93555-6001

## Promotional Opportunities

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

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

**No. 24-162, Director of Safety and Security, DP-301-3/4, PAC No. 85 24575, Code 24** — This position is the Department Head of the Safety and Security Department. The incumbent of this position is responsible for the physical, personnel, and information security programs and for the safety and occupational health programs at the Center. Included within these programs are: ADP Security, Disaster Preparedness, Operation Security; Communications Security; Safety and Security of Personnel, Facilities and Land; Classified Material Control; Law and Administrative Regulation Enforcement; Crime Prevention; and Fire Protection. **Job Relevant Criteria:** Clearly demonstrated ability to supervise and manage as evidenced by experience in planning and allocation of personnel, financial, and material resources; knowledge of the Safety and Security services required at an RDT&E activity; ability to understand and further management goals as these affect day-to-day work operations, to integrate/implement DON programs and policies with Center needs/requirements; demonstrated ability to deal effectively with key individuals and groups both on and off Center and to serve as a spokesperson for the Department and Center; demonstrated interest in and support of the Center's EEO programs, goals, and objectives. If filled at the DP-3 level, this position has promotion potential to DP-4, but is not guaranteed.

**No. 09-067, Employee Relations Clerk, GS-203-4, Clerk-Typist, GS-322-3/4, Code 091** — Provides clerical support to the division in the incentive awards program, in the insurance and retirement program, and other employee relations program as needed; checks incentive awards submissions for accuracy and collates for proper investigation, distribution, and review; types letters, memorandums, reports, minutes of meetings, and NWC Instructions from rough drafts and notes and otherwise performs all clerical tasks assigned in support of division operations. **Elements:** Ability: to type accurately and efficiently; to comprehend and apply regulatory information; to use tact and discretion in dealing with all levels of NWC employees. Promotion potential to GS-5. Status eligibles may apply.

**No. 24-161, Supervisory Police Officer, GS-083-7, PD No. 7184012N, Code 2413** — This is a temporary position, not-to-exceed six months, which may lead to a permanent position. Position is located within the NWC Police Division, Safety and Security Department. Primary function is that of first line supervisor in the Patrol Branch responsible for one of three watches (shifts). Incumbent will primarily perform duties in the field, supervising the actions and performance of patrolmen; will ensure that all investigations handled by patrol units are properly conducted. Incumbent will, while on patrol, act as a patrol unit and will be alert to law violators, evidence of the occurrence of a crime or conditions which would adversely affect the welfare of the Center. **Job Relevant Criteria:** Knowledge of all aspects of police work, par-

persons of all levels; to function in stressful situations where numerous demands are made. Promotion potential to DA-3. Status applicants may apply.

**No. 00-022, Public Affairs Specialist, DA-1035-2/3, Code 0031** — Assists Program Coordinator for Official Visitors in planning and executing agendas and other arrangements for officials. Must be available for morning, evening, and weekend work as required. **Skills:** in analytical problem solving; to communicate orally and in writing. **Abilities:** to deal effectively with

particularly patrol procedures and criminal investigations; knowledge of state and federal criminal law; ability to motivate and supervise; ability to communicate with others effectively; ability to prepare clear and concise reports; willingness to support Federal EEO policies and goals.

**No. 26-209, Painter Foreman, WS-4102-9, Code 26414** — Temporary position NTE 1 year. Supplemental required. This position is at the first full supervisory level in the Maintenance-Utilities Division, Building Trades Branch, Paint Section. The incumbent plans sequence of operations and work steps of employees supervised. Interprets blueprints and instructions as required, prepares layouts and sketches. Requisitions tools, materials and equipment needed. Assigns work to employees. **Job Relevant Criteria:** Ability to supervise, technical practices, ability to interpret pertinent tools and equipment, knowledge of EEO. Applications to be received no later than 12-19-85. Position may be made permanent.

**No. 31-253, Computer Specialist, DS-334-1/2/3, Code 3141** — Position is that of a DAPC Facility Manager in the Data Analysis Branch (Code 3141). Incumbent will be responsible for the facility aspects of a large DEC VAX-II/785 clustered computer system used to process and analyze simulation and flight test data generated by the Code 31 WSSA's. Incumbent will assist in the design, development and installation of hardware/software associated with this facility. Incumbent will also be responsible for the operation, maintenance, procurement and management aspects of the facility. **Elements:** skill in the use of computer system editors and command language; knowledge of ADPE facility operational procedures; ability to act as the technical monitor for system support contracts; ability to research requirements and prepare procurement documents for required system hardware/software; knowledge of NWC ADPE security, control and procurement approval requirements. Promotion potential to DS-3, but is not guaranteed.

**No. 31-245, Supervisory Interdisciplinary (General/Electronics/Electrical Engineering/Computer Scientist/Physicist/Mathematician), DP-801/855/850/1550/1310/1520-3, Code 3115** — Position is that of branch head, Software Engineering Environment Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The branch develops, manages, operates and maintains the Department ADPE resources that are shared by multiple projects. This includes the General System Support Facility (GSSF) used for the Department's general purpose computing requirements (i.e. word processing, data base work) and the Data Analysis and Presentation Center (DAPC) used for data reduction, analysis, and presentation requirements for the data from the different WSSFs and program flight tests. The branch also analyzes and defines tools requirements for verification and validation, OPF and support software development, and procures/develops, integrates and maintains tools to satisfy the requirements. The incumbent will serve as Branch Head and provide overall direction, coordination and management of branch activities. **Job Relevant Criteria:** Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; an understanding of avionic facilities hardware and software analysis, design and operations; experience in embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and applications; understanding of NWC personnel policies and procedures; and ability to support NWC EEO policies and goals.

**No. 32-194, Program Analyst, DA-345-3,**

**Code 3203** — The incumbent will support the Skipper II and the Skipper Training Round program offices in financial and general administrative matters. Duties include: financial planning; budget preparation; expenditure control; schedule monitoring cost/schedule reports; Interdepartmental Task Agreement coordination; coordination of purchase orders, contracts, delivery orders, and work requests; coordination of visual aids and progress reports and data, plant account and project inventory controls; and personnel actions. **Knowledge:** of NAVWPNCEN/Naval financial, contracting, personnel and general administration procedures, as used in support and development is required. **Abilities:** to initiate, organize and implement procedures for managing the financial and administrative matters is required, as well as the ability to communicate with and work effectively with the program organization. Promotion potential to DP-3.

**No. 33-054, Supervisory Interdisciplinary (General/Electronics Engineer/Physicist), DP-801/855/1310-3/4, Code 3331** — This position is that of Head, Surface Targets Fuze Branch, located in the Fuze Systems Division of the Fuze and Sensors Department. This Branch performs advanced and engineering development of proximity sensor systems for air-to-surface and surface-to-surface guided missiles and free-fall weapons. The incumbent is responsible for providing technical and managerial leadership to a team of scientists, engineers, and technicians and reports directly to the Division Head. In addition, the incumbent will be responsible for interfacing with all levels of NWC management, Program Offices, SYSCOM sponsors, other government agencies and Services, and development contractors. Previous experience in full-scale development desirable. **Knowledge:** of electronic design principles and specific knowledge in radio-frequency/microwave and/or optical sensors systems required. **Abilities:** to communicate effectively in writing; to communicate effectively orally. Willingness to support NWC EEO goals and policies. Promotion potential to DP-4, but not guaranteed. DP-4 will be filled by reassignment only.

**No. 36-349, Supervisory, General Engineer, DP-801-3, Code 3651** — The incumbent will act as Associate Head to the Data Acquisition and Control Branch. **Elements:** Knowledge: of DOD/NAVWPNCEN policies, standards, procedures/instructions on Data/Configuration Management; Personnel policies and procedures; ITs; contracts and Contract Data Requirements List (CDRLs); acquisition cycles; engineering documentation and control thereof. **Ability:** to communicate effectively orally; to communicate in writing; to establish and implement the most complex Data/Configuration Management programs; to review contracts/statements of work and determine applicability of Data/Configuration management requirements; to prepare budgets and determine personnel allocations.

**No. 39-122, Supervisory Interdisciplinary (Physicist, Electronics, Mechanical, Aerospace, General Engineering), DP-1310/855/830/861/801, 3/4, Code 3941, Head of Sensors and Platforms Branch of Electro-Optics Division, Weapons Department** — The incumbent supervises/manages a large design and fabrication group through section heads. The Branch is deeply involved with the innovative design of state of the art missile seekers for electro-optical and R. F. applications, such as Sidewinder product improvement and low cost gimbaled ARM seeker. The Branch Head must insure effective working relationships with other related groups; review and direct design, test and development of missile seekers; and sustain the modernization of

## Bakersfield advisor due

Academic counselors of Cal-State Bakersfield will be on Center Monday, Dec. 9 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Bakersfield include a bachelor's

## Center pays tuition for courses

The Center will pay your full tuition if you are enrolled in courses provided under the NWC/Cerro Coso Contract. If you can show that courses are job-related or will strengthen your contributions to the Center's mission, your tuition will be paid directly to the college by Code 094.

If you are not a co-op student, you must submit a DD Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement) via department channels to Code 094. The form must arrive in Code 094 at least five working days prior to registration.

If a course is not directly job-related, submit NAVWPNCEN 12410/66, Academic, Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, describing how the

degree in business administration and a master's degree in public administration. Bakersfield also provides math courses in other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Kelly Newton at NWC ext. 2648.

course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

If you are not yet a California resident, please include a statement from your supervisor indicating the negative impact to NWC of postponing the training until residency is established. Code 094 will return the approved form to you. You must take it with you to Cerro Coso when you register in order for NWC to pay your tuition.

If you are a co-op student, a DD 1556 is not required, simply tell the registrar that you are an NWC co-op student when you register. If you have any questions, call Kelly Newton or Cecil Webb, NWC ext. 2648 (Code 094).

the Branch facilities. KSAs: knowledge of Branch supervision and management in design and development environment. Technical familiarity with missile seekers on guidance system; knowledge of NAVWPNCEN and personnel policies. Willingness to support NWC's EEO policies and procedures. Minimal travel, promotion potential to DP-4.

No. 39-121 — Supervisory Interdisciplinary (General/Aerospace/Electronics/Mechanical Engineer/Physicist), DP-801/861/855/830/1301-4, Code 392 — This position is that of Head, Weapons Development Division, Weapons Department. The mission of Code 392 is to analyze, design, fabricate, test and document guidance and control systems and components for both airborne and surface missile systems. The division supports all aspects of missile software and performs analysis, design and evaluation of advance control technology, target drones, target auxiliary systems, RPV systems, tactical missile inertial navigation systems and components such as ring laser gyros. Job Relevant Criteria: Clearly demonstrated ability to supervise, evidenced by experience in planning and allocation of personnel, financial and material resources; knowledge of philosophy of operation and weapons development/acquisition procedures of NWC, Systems Commands, OPNAV and DOD; knowledge of guided missile systems state-of-the-art technology and experience in providing technical management, review and presentations; demonstrated ability to deal effectively with NWC management, Systems Commands, other DOD agencies and contractors; ability to understand and further management goals for daily and long-range operations; interest in and support of the EEO programs goals and objec-

tives; of current guidance and control systems and components for airborne and surface missile systems is desirable.

No. 063-014, Administrative Officer, DA-341-2/3, Code 063 — This position is that of Administrative Officer for the Projects Office of the Test and Evaluation Directorate. The incumbent provides Administrative support to the office and is responsible for Institutional Financial management, service center financial management, personnel management, equipment management, facilities planning, and procurement. The Projects Office is being realigned to the Range Department. Abilities: to exercise fiscal controls under NIF system, knowledge of personnel regulations; to handle varied administrative and management problems. Knowledge: of service center regulations.

No. 350, Supervisory Engineering Data Management Specialist, DP-301-3, Code 3651 — Incumbent acts as Associate Branch Head to the Data Acquisition and Control Branch. Elements: Knowledge: of DOD/NAVWPNCEN policies, standards procedures/instructions on Data/Configuration Management; Personnel policies and procedures; ITAs; contracts and Contract Data Requirements List (CDRLs); acquisition cycles; engineering documentation and control thereof; of Affirmative Action of EEO policies. Abilities: to communicate effectively orally; to communicate effectively in writing; to establish and implement the most complex Data/Configuration Management programs; to review contracts/statements of work and determine applicability of Data/Configuration management requirements; to prepare budgets and determine personnel allocations.

## Secretarial opportunities

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

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

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

No. 063-012, Secretary (Typing), GS-318-4, Code 063 — This position serves as secretary to the head, Projects Office.

No. 26-208, Secretary (Typing), GS-318-5, Code 264 — Incumbent provides secretarial support to the Maintenance-Utilities Division. Promotion potential to GS-6, but not

guaranteed.

No. 36-348, Secretary (Typing), GS-318-3/4/5, Code 3658 — The incumbent provides secretarial support to the Computer Aided Engineering Support Office. Status eligibles may apply. Promotion potential to GS-5.

## Tax reform information

The President's proposed tax reform bill, currently before Congress, includes a provision that would subject Federal (state and local) annuities that start after 30 June 1986 to immediate taxation. Currently, when employees retire, the annuities are not taxed until the individuals get back their employee contribution (since that money has already been taxed as income). On the average, it takes about 18 months for a retiree to recover those contributions.

The tax reform bill proposes that annuities be taxed from the first day, with a prorated portion tax-free each year based on actuarial life expectancy. It is emphasized that this is a proposal in the very early stages of congressional action.

Persons already drawing a Federal annuity, or those who retire before the deadline, would not be subject to the change. Persons retiring after the deadline (if and when this occurs) would be subject to the new rules and immediate annuity taxes, only if the reform package becomes law.

In terms of advising employees of the potential impact on their annuities, and the effective date, it is too early to address these issues. As with any bill before Congress, a lot could happen to tax reform. It has not even reached the Senate yet. The bill may be stalled, revised, delayed or never approved. It could get a new effective date, or a new deadline could be set for Federal workers.

## Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 31-248, Electronics Engineer, DP-855-2/3, Code 3113 — This position is located in the AH-1 Facility Section of the A-7 Facility Branch, Avionic Facilities Division of the Aircraft Weapons Integration Department. The AH-1 Facility will provide the support facilities necessary for the validation, verification and maintenance of Operational Flight Programs for the embedded computers and support new system integration tasks for the AH-1 Helicopter. The incumbent will be the AH-1 Facility Lead Hardware Engineer responsible for requirements analysis, design and implementation of the custom hardware for the AH-1 Facility. The incumbent will be technically responsible for tasks and milestones performed by others. To apply for this position, send an up-to-date SF-171 to B. Mierta, Code 31102, NWC ext. 5219.

No. 31-250, Interdisciplinary (Computer Scientist/Mathematician/Physicist/General Engineer), DP-1550/1520/1310/801-2/3, Code 3115 — This position is located in the Software Engineering Environment Branch, Avionics Facilities Division, Aircraft Weapons Integration Department. The incumbent will perform as System Manager for a DEC VAX 11/785 clustered computer facility. Responsibilities for this position include system monitoring, trouble shooting, tuning, configuration and development; system software upgrades; development and maintenance of system software required to interface system hardware; and user consultation and help. To apply for this position send an updated copy of the SF-171 to B. Mierta, Code 31102, NWC ext. 5651.

No. 31-249, Interdisciplinary, Computer Scientist/Physicist/Electronics/Mechanical/General/Aerospace Engineer/Mathematician, DP-1550/1310/855/830/801/861/1520-2/3, Code 3112 — Position is that of A-6F Facility Project Engineer, A-6 Facility Branch, Avionics Facilities Division, Aircraft Weapons Integration Department. The incumbent will be responsible for overseeing the design, development and operation of a new facility for validation and development of A-6F avionics software. Incumbent will participate in staffing the project team; interface with the A-6F program office, system engineers, contractors etc; plan, coordinate, and monitor project progress. Applicant should have good planning, scheduling and organizational skills; Knowledge of good software and hardware engineering practices. Knowledge of modern avionics systems, real-time simulations and VAX computer systems is highly desirable. To apply for this position send an up-to-date SF-171 to B. Mierta, Code 31102, NWC ext. 5219.

No. 33-055, Engineering Technician, DT-802-2/3, Code 3383 — This position is located in the Engineering Branch, Survivability/Lethality Division of the Fuze and Sensors Department. The incumbent will be in charge of a small laboratory facility for the manufacture and testing of composite materials but will also provide support on all Branch Programs. Promotion potential to DT-3, but not guaranteed. To apply, send SF-171 to Mary Gregg, Code 3383, ext. 3681.

No. 39-123, Interdisciplinary (Computer Scientist/Electronics Engineer/Physicist/Mathematician), DP-1550/855/1310/1520-1/2/3, Code 3944 — The incumbent will be responsible for the design and implementation of real time missile software. Performance will be judged upon clear designs, structured coding, and good documentation. The incumbent will work as

a member of a team of software and hardware developers. Experience with assembly language, preferably M68000; microprocessor development systems; VAX VMS; and software engineering techniques is desired. Knowledge desirable of at least one assembly language and of software engineering principles. Ability to develop software designs and code from algorithm flowcharts and state diagrams and to work with minimal supervision; to work in a team environment is desirable.

No. 32-189, Interdisciplinary Mechanical/General Engineer, DP-830/801-3, Code 3268 (2 Vacancies) — Incumbent will perform as a development engineer for new or improved Weapon Systems. Incumbent will be responsible for conducting analyses, mechanical design, fabrication and assembly coordination, environmental/safety and performance testing, data acquisition and reporting of the new or improved systems to demonstrate feasibility and/or qualification thereof. The tasks associated with the position will be in the area of conventional ordnance covering one or more of the following technologies: Improved MK80 Series Bombs, In-Service Weapon Systems Cookoff Improvement, Advanced Penetrator Warhead and Inertially Aided Munitions. Please send current SF-171 to J. DeMarco, Code 3268, ext. 2188. Promotion potential to DP-3.

## Counseling offered to JPs

The purpose of the JP Career Guidance and Counseling Program is to provide new professionals with information about themselves that will help them plan their careers at NWC. The JP career guidance and counseling program includes 8 hours of tests and a feedback session with a professional counselor. Some questions to be answered during this program are:

Do you now have essentially technical or managerial (or both) capabilities? What are your prospects for future development? How can you use your creativity? Should you emphasize research or applications?

What are your major values and priorities for personal and career development?

What are your major strengths and weaknesses in dealing with others? With what size group would you work best?

What additional training (technical, academic, or other) do you need for further development?

The next testing will be held January 7 and 8 from 7:30 to 11:30 a.m. at the Commissioned Officers' Mess. Counseling sessions will be held at a later date. If you want to be included in the January testing, contact Kelly Newton, NWC ext. 2648.

NOTE: Test results and any related information are kept confidential.

## Chico advisor to visit December 13

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center, Friday, December 13 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has external degree programs in computer science which lead to bachelor's and master's degrees. Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning ext. 2648.

## Summer job information listed

A summer of challenges, new opportunities and great work experience awaits those who qualify and are selected for a position in the Summer Employment Program at the Naval Weapons Center. Applications will be accepted beginning February 14 through March 14. Applications postmarked or personally delivered after March 14, 1986 will not be accepted for Group I, II, and III positions.

In order to ensure fair and equal consideration for all applicants, the Summer Employment Program for 1986 has been completely revised. Major changes in the program include a random selection process that will be used for the assignment and placement of all Group I and II summer employees.

Eligible applicants must meet the qualification requirements listed in the Office of Personnel Management Handbook, X-118. These requirements are available upon request. After certification of their qualifications, applicants will be placed in groups according to position, grade level and Social Security Number. For example, a 1-digit number is chosen at random. Assume the number is the number 8. All applicants whose Social Security Number ends with the number 8 will be referred first. Applicants whose Social Security number ends with 9 will be referred next and so on. Applicants will be placed in the highest grade in which they qualify, with veterans placed ahead of non-veterans within the same group. Veterans will be placed first. The random selections will be done at one time, thus alleviating bias towards a particular candidate.

Available positions, rate of pay, and minimum qualifications include:  
Group I, Clerical, GS-2/3/4. Clerk and Clerk Typist, GS-2 (\$5.03), GS-3 (\$5.49) and GS-4 (\$6.16). U.S. citizenship is required and applicants must be either 18 years old, or at least 16 years old and a high school graduate or the equivalent. This includes seniors who will be graduating in June of 1986. For Clerk Typist positions, 40 words per minute typing speed is required. For Computer Clerk positions, education must include at least 6 semester hours in data processing courses.

Group II, Non-Clerical, GS-3/4, GS-3 (\$5.49), GS-4 (\$6.16). To apply for positions in this group, you must be a U.S. citizen and meet the minimum qualification requirements listed in the Office of Personnel Management Handbook, X-118. Qualification requirements for GS-3 positions include completion of one academic year of appropriate post-high school education or one year of related experience. The jobs in this group involve duties of a non-clerical nature. The following kinds of positions will be filled:

Engineering aid - education must include at least 9 semester hours in any combination of courses such as: engineering, engineering or industrial technology, construction, physics, drafting, surveying, physical science, or mathematics.

Biological aid - education must include at least 12 semester hours in any combination of scientific or technical subjects such as: biology, chemistry, statistics, entomology, animal husbandry, wildlife biology, forestry, botany, physics, agriculture or mathematics.

Physical science aid - education must include at least 12 semester hours in any combination of courses such as: physical science, engineering, or mathematics (except financial or commercial).

Math aid - education must include at least 12 semester hours in any combination of courses such as: mathematics, computer programming, engineering science, statistics, physical science or surveying.

Group III - Positions in grades GS-5 and above, GS-5 (\$6.90), GS-6 (\$7.69), GS-7 (\$8.54), GS-9 (\$10.45), GS-11 (\$12.64). This group includes jobs involving professional, technical or administrative work. To be considered for summer employment in this group, you must be a U.S. citizen, possess a Bachelor's Degree, be a graduate student, or faculty member, or possess the equivalent in experience related to the duties of the position for which you are applying.

To apply for positions in Groups I, II, and III, applicants must submit the following forms:

- SF-171 - Personal Qualifications Statement
- NAVWPNCEN 12720/1 - Background Survey Questionnaire
- High School students may submit a copy of their Permanent Record Form
- College Transcripts - including classes taken through the Winter quarter/Fall semester, whichever is appropriate. Unofficial copies are acceptable. Transcripts will be used to determine the course of study, the number of units completed and qualification requirements. (On a plain sheet of paper with your name and Social Security Number, list all college classes that you are enrolled in, have not completed, but expect to complete by June 1986.)
- SF-15 - Claim for 10-point Veterans preference with a photocopy of appropriate proof, if claiming 10-point Veterans Preference.

Group V - Summer Aid, employment for the needy youth - minimum wages. This program is designed to employ economically disadvantaged youths between 18 and 21 years of age. There is no requirement to be a high school graduate. There is no written test. SONS AND DAUGHTERS OF NAVY (CIVILIAN AND MILITARY) EMPLOYEES DO NOT QUALIFY UNDER THIS PROGRAM. (The Only Exception: individuals with handicapping conditions). Applicants for Group V positions must submit the following forms:

- SF-171 - Personal Qualifications Statement
- NAVWPNCEN 12720/1 - Background Survey Questionnaire
- OPM Form 1495 - Financial Eligibility Statement for Student and Summer Aid Programs

The filing deadline date for Group V positions is 1 May 1986. Applications postmarked after the deadline date will not be accepted.

RE-EMPLOYMENT OF PREVIOUS YEARS' SUMMER HIRES  
TO BE CONSIDERED FOR SUMMER EMPLOYMENT IN 1986, YOU MUST SUBMIT THE REQUIRED FORMS SPECIFIED IN GROUPS I, II OR III. REHIRE STATUS HAS BEEN ELIMINATED AND EVERYONE MUST COMPETE FOR EMPLOYMENT IN THE SUMMER PROGRAM.

Applications for all categories of positions must be mailed to:

Commander (Code 093)  
Attn: Summer Employment Office  
Naval Weapons Center  
China Lake, CA 93555-6001

or taken to:

Naval Weapons Center (Code 093)  
Civilian Personnel Building (No. 2335)  
505 Blandy, Room 206  
China Lake, CA

If you wish to be considered for more than one group (I, II or III), submit only one SF-171 and the appropriate supporting forms. Indicate, on line #1 of SF-171, the option(s) you are interested in.

All required forms are available at your high school/college administrative office or at the Civilian Personnel Office (NWC, China Lake, CA). For additional information, call (619) 939-2348.

Appointments are made without regard to race, color, religion, sex, national origin, political or personal favoritism, age, or handicapping condition, and in accordance with FPM Chapter 332, appendix J guidelines.



## Personnel Development Opportunity

### SAFETY MANAGEMENT AND ENGINEERING

13-17 January, 0800-1600, Training Center. By: Donald M. Layton, the developer of this course, a professor of the Department of Aeronautics, Naval Postgraduate School, Monterey, Calif.

Objectives: To provide an introduction to the System Safety requirements and procedures based on MIL STD 882B as they affect both contracted and in-house projects; the life cycle process; types of hazard analyses; hazard analysis techniques; safety programs; tailoring of the standard to specific programs; assessment and audit of safety programs; interfaces; and safety testing.

Scope: Topics include introduction to system safety, the language of safety, system safety in the life cycle, requirements, program management, hazard analysis, interfaces, human factors, data assessment, program control.

Three hours are devoted to fault-tree analysis including a tutorial period in which actual fault trees are prepared by the students. No prior system-safety experience or knowledge is required.

Deadline: 20 December.

### PRODUCTION ENGINEERING

6 and 7 January, 0800-1130, Cerro Coso City Center, Room 107. By: Charles Frederickson.

Intended Audience: Technical Managers' Curriculum Participants.

Scope: Topics include an introduction/overview, technical data package/contract requirements, manufacturing planning, vendor/supplier control, incoming inspections, parts fabrication, material control, assembly-level assembly/inspection, assembly-level test, unit/group/set-level assembly/inspection, unit/group/set-level test, physical/functional audit and review, preservation/packaging/packing/storage/shipping, calibration system, training/certification-internal/supplier evaluation audits, nonconforming material disposition, nonconforming material corrective action, data information system, and change control/status accounting.

Deadline: 23 December.

### RADAR/DEFENSE SYSTEMS: ELECTRONIC COUNTER-COUNTERMEASURES

13-17 January, 0800-1600, Training Center. By: V. Gregers Hansen, Consulting Scientist in the Equipment Division, Raytheon Company.

Scope: This course presents a systematic treatment of some of the ECCM techniques including over 100 patents that exemplify many of the techniques. The role of radar as an integral part of modern defense systems will be stressed. Comparison between U.S. and Soviet implementations of many techniques will be made. Extension of many of the techniques to EO/IR and laser radars will be shown. In-depth analysis will be given of four current ECCMs: adaptive antennas (CSLC), sidelobe blankers (SLB), constant false-alarm rate (CFAR) techniques, and coherent signal processing; e.g., MTI/MTD to defeat chaff. Topics include constant false-alarm rate reception; ECCM in the system, operational, and other ECCMs; ECM/ECCM, ECCM efficacy, simulation, and analysis; general ECCM; ECCM in the transmitter; ECCM in the antenna; ECCM in the receiver; ECCM applications to search radar; adaptive antennas; interference rejection techniques; sidelobe blanking systems; and Doppler processing against clutter and chaff.

Text: The course is based on the supplied text *Radar Electronic Counter Countermeasures* by Robert E. Krieger, and professional journal articles and conference papers of the world.

Deadline: 23 December.

### FINANCIAL MANAGEMENT FOR NEW SUPERVISORS

16 January, 0800-1130, location to be announced. By: Gale Poppen.

Intended Audience: New supervisors. Scope: Provides new supervisors some basic information about the NWC financial system. The course covers basics like the NWC financial organization, levels and kinds of funding received, the overhead system, rate stabilization, and acceleration (fringe).

Deadline: 2 January.

To enroll in these classes submit Training Request Form (NAVWPNCEN 12410/73) via department channels to Code 094. (Code 094)