



**SHOWING SKILLS** — At a bicycle gymkhana sponsored last Saturday by the Panamint Tribe of the YMCA Indian Guides, a youngster gets a hand in demonstrating how well he can ride his hot wheels. Nearly 30 youngsters between 5 and 10 years of age took part in the "Longhouse Event." China Lake police assisted by registering any bikes not previously registered and paramedics from the Fire Division were on hand in case any of the riders took a spill. — Photo by PH2 Rick Moore

### April Health Fair planned; volunteers sought to help

Ridgecrest Community Hospital, Drummond Medical Group and the Exchange Clubs of Ridgecrest have joined forces for the first time to co-sponsor Health Fair Expo 1986.

This community service was initiated in Southern California nine years ago and is sponsored in part by KNBC/Channel 4, Chevron U.S.A., the Hospital Council of Southern California, and the American Red Cross. With over 100 participating sites, Health Fair Expo has grown to be the largest of its kind in the country. The fair date for Ridgecrest has been set for April 19th at Drummond Medical Group and Ridgecrest Community Hospital.

The purpose of Health Fair Expo is the early detection of abnormalities and the promotion of health awareness. The fair will offer free screening for height and

### Immunizations to be given

Parents whose children do not have all the recommended immunizations will have the opportunity to have this done for a minimum cost at the Kern County Health Department office, 250 W. Ridgecrest Blvd. in Ridgecrest, Monday from 8 a.m. until noon. Appointments are not necessary.

In addition to protection against polio, diphtheria, tetanus, whooping cough, measles, rubella and mumps, a new Haemophilus influenzae type b (Hib) vaccine will also be offered. Cost of each immunization is \$2, with a maximum charge of \$5 per family visit with the exception of the Hib vaccine. Charge for Hib vaccine is \$11, and that is not included in the \$5 maximum.

Credit cards, insurance forms or large bills will not be accepted in payment. Medic-Cal stickers will be honored; Child Health and Disability Prevention Program children will receive Hib vaccine without charge.

These immunization clinics are offered for children between the ages of 2 months and 17 years, and a parent or guardian must accompany the child to sign a consent form.

### CLAS to meet

How to make a backyard into an astronomical observatory is the topic that William Weiss will talk about at Monday's meeting of the China Lake Astronomical Society. The meeting will begin at 7:30 p.m. at the Ridgecrest Branch of the Kern County Library, 131 E. Las Flores in Ridgecrest.

In addition, Weiss will discuss telescope making and mirror grinding, and the first half of a PBS television program entitled "Creation of the Universe" will be shown.

All interested persons are invited to attend.

### Movies

FRIDAY, MONDAY	"DEATH WISH III"	FEB. 28, MAR. 3
	Starring Charles Bronson and Deborah Raffin (Drama, rated R, 89 min.)	
SATURDAY, SUNDAY	"EXPLORERS"	MARCH 1, 2
	Starring Ethan Hawke and River Phoenix (Fantasy/Adventure, rated PG, 109 min.)	
WEDNESDAY	"VOLUNTEERS"	MARCH 5
	Starring Tom Hanks and John Candy (Comedy, rated R, 107 min.)	
FRIDAY	"REAL GENIUS"	MARCH 7
	Starring Val Kilmer and William Atherton (Comedy, rated PG, 106 min.)	
Starting Times: Matinee / 2 pm Evening / 7 pm		
* U.S. Government Printing Office: 1986 — No. 20044		
FROM:		PLACE STAMP HERE
TO:		

## Weekend Roundup

Guest artist for the month of March at the Sylvia Winslow Gallery of the Maturango Museum is Kolan Peterson, watercolorist. Peterson's work reflects his love of the outdoors in the strong, crisp, vivid colors and creativity of his pictures.

He has taught extensively, and is author of two books on watercolor.

Peterson and his wife, Sharon, will be honored at a reception on Sunday from 2 to 4 p.m. at the museum. All interested persons are invited to attend and meet the artist.

The Maturango Museum building fund will benefit for the sale of any of the artist's works.

The Chief Petty Officer's Mess invites authorized patrons and guests to enjoy a succulent prime rib dinner being served from 5 to 9 p.m. tonight.

The Enlisted Mess will be having Disco this Wednesday from 8 to 11:30 p.m. Music will be provided from the band UPSTAGE. Reservations are not required.

Dr. Pierre St.-Amand will talk about the past, present and future of the IWV Airport District at next Wednesday's meeting of the Experimental Aircraft Association.

All interested persons are invited to attend the meeting, which will begin at 7:30 p.m. in the Ridgecrest Branch of the Kern County Library, 131 E. Las Flores.

## WACOM art auction slated tonight

The WACOM annual Art Auction and Exhibition, scheduled for tonight at the Commissioned Officers' Mess, should be another whopping success.

Beginning at 6 p.m., viewers will be able to inspect the works being offered by award-winning artists such as Kelly, Rockwell, Delacroix, David Lee, Dali, Alvar, Boulangier, Chagall, Picasso, Miro, and many others. The types of art available will include limited edition prints,

lithographs and drawings, as well as original oils.

While browsing around enjoying the exhibit, a variety of wine and cheese will be offered to tantalize the taste buds.

A \$1 per person donation is being requested and hourly door prizes will be offered, including two major prizes valued at \$500 and \$1,000 each.

Starting at 8 p.m., Patricia Galleries will begin auctioning the art works. Each

certified, custom-framed work of art carries a fifteen year exchange guarantee.

The Patrician Premium Collection offers a spectacular varied selection that exemplifies Patrician, including 99 works of art to sell at \$99 or less.

The Patrician Investment Club will be available on purchases of \$500 or more, with no interest charged.

So, whether an art collector, just decorating a home or office, or just looking, this is one experience that shouldn't be missed.

### NEX News

The gorgeous spring weather has inspired gardeners to clean up yards, renovate lawns, and get plants in for the summer. Also, it's reminded those whose garden tools need repair or replacement that they'd better get that done now.

To help all these gardeners, the Navy Exchange Garden Shop has a series of specials to make the yard refurbishing easier on the family budget. The special sale began last Wednesday and continues through March 2.

No rain checks will be given on sale merchandise.

In addition to the sale, the NEX announces that the music department now carries compact discs and other new merchandise.

### Weather Report

	Max	Min	Peak Gust
Fri. 70	70	34	9 knots
Sat. 72	72	35	9 knots
Sun. 80	80	34	9 knots
Mon. 86	86	42	8 knots
Tues. 86	86	41	7 knots
Wed. 89	89	40	10 knots
Thurs. 89	89	43	11 knots

All measurements are made at Armitage Airfield.

## Laboratories reassigned to SPAWARSSYSCOM

On Monday Secretary of the Navy John Lehman announced the reassignment of responsibility for management of the Navy Research and Development Centers and university laboratories from the Chief of Naval Research (CNR) to the Commander, Space and Naval Warfare Systems Command (COMSPARWARSSYSCOM), and the

transfer of COMSPARWARSSYSCOM hardware procurement responsibilities to the Commander Naval Air Systems Command and the Commander Naval Sea Systems Command.

Assignment of the Director of Naval Laboratories and R&D centers to SPAWARSSYSCOM for administration

aligns them more appropriately to the systems commands material and technical support organization. This assignment also provides efficient administration and system integration of the R&D centers technical support operations under the Navy's top level systems engineering command. Efficiencies and improved span

of control will be realized with the transfer of the R&D centers to COMSPARWARSSYSCOM. Conversely, transfer of the COMSPARWARSSYSCOM present hardware procurement responsibilities will allow him to concentrate on his warfare systems architecture and warfare systems engineering roles.

Effective this date, the functions and resources of the Director of Navy Laboratories (DNL) and the following eight R&D centers are transferred from the CNR to COMSPARWARSSYSCOM under the Chief of Naval Operations: Naval Air Development Center, Warminster, Pa.; Naval Coastal Systems Center, Panama City, Fla.; Naval Ocean Systems Center, San Diego; Naval Underwater Systems Center, Newport, R. I.; Naval Weapons Center, China Lake; David W. Taylor Naval Ship Research and Development Center, Bethesda, Md.; and Naval Personnel Research and Development Center, San Diego.

Management and oversight responsibility for the following university laboratories is concurrently transferred from CNR to COMSPARWARSSYSCOM: Applied Physics Laboratory, Johns Hopkins University; Applied Physics Laboratory, University of Washington; Applied Research Laboratory, Pennsylvania State University; and Applied Research Laboratory, University of Texas.

All functions and resources (billets, positions, personnel, headquarters ceiling and financial and material support) associated with the original transfer of the DNL and the R&D centers from the Naval Material Command to CNR will be transferred to COMSPARWARSSYSCOM.



**HOT REFUELING** — With both jet engines idling, Cdr. Jack Paschall's F/A-18 takes on a full fuel load from NWC's new refueling pantograph. Sailors from the line crew make the connection to the fuel tank with the pantograph nozzle. (Please see additional photos on Page 7.) — Photo by PH2 Rick Moore

## New procedure speeds aircraft refueling task

Since time is money, the Naval Weapons Center could realize substantial savings by cutting time needed to refuel aircraft, thanks to a new refueling pantograph.

The pantograph, consisting of an arrangement of swivel pipes, a length of hose and a nozzle, can be used to "hot refuel" aircraft in less than one fourth the time needed for standard refueling operations at the airfield.

Lt. John Dean, head, Aviation Supply Division, noted it saved line crews a lot of time and cut turnaround time for an air-

craft from about 90 minutes to less than half an hour.

Normal procedure calls for the aircraft and crews to taxi, shutdown, go through the shutdown check, take on fuel, go through the restart checklist and taxi away.

When Cdr. Jack Paschall brought his FA-18 in for 1,250 gallons of JP-5 jet fuel recently, he taxied to the installed refueling pantograph and in less than 15 minutes his fuel gauges read full and the aircraft was on its way down.

In fact, the refueling section of Aviation

Supply Division needed only 25 minutes from the time they got a call asking for refueling until Cdr. Paschall was taxiing away from the pantograph.

Built with parts from a system obtained from NAS Oceana, the refueling pantograph was largely a self-help project planned and funded by the Aircraft Department with assistance from Public Works, according to Reuben Gomez, manager of Fuel Branch of the Aviation Supply Division. Gomez credited ABF2 R. L. Lead for doing most of the work in com-

pleting the project.

Lt. Dean said the refueling pantograph is now fully operational and will be used on a regular basis. He also said there might be more of these stations constructed at Armitage Airfield after this initial one was fully evaluated.

Under this new system, the fuel truck remains a safe distance away from the aircraft, with nearly 100 feet between the tanker and the jet being fueled.

The refueling pantograph is expected to make refueling both quicker and easier with adverse safety impacts. This in turn should result in savings of time on the part of pilots and line crews at China Lake.

## Cost analysis expertise brings about Technical Director's Award for Hartney

Michael O. Hartney achieved a first this week — he became the first person in Central Staff to win a Technical Director's Award.

As Burrell Hays, NWC Technical Director, made the presentation, he pointed out that an important part of any program was to determine its cost, and that bringing credibility to cost analysis is a hard challenge.

"Not only have you brought credibility to cost analysis," Hays told Hartney, "you have thereby brought credibility to the Center. You are nationally, if not internationally, known. Your integrity precedes you. Such integrity is very, very important."

Hays noted that Hartney was being recognized especially for recent efforts of analyzing costs on AMRAAM on a study done for Secretary of Defense Caspar

Weinberger, on a study on Outer Air Battle, and on Sparrow PIP.

"You've really done well," Hays told the operations research analyst. "I can't thank you enough for your contribution."

An obviously surprised Hartney expressed his appreciation for the award, saying although "It has been a lot of work, I've gotten a lot of support from my compatriots. This is a super organization to work in. Mostly, though, I'm speechless by this recognition."

Both Dillard Bullard, head of the Weapons Department, and Dr. R. E. Kistler, head of Central Staff, wrote letters of nomination for Hartney this highest award that can be presented by the Technical Director.

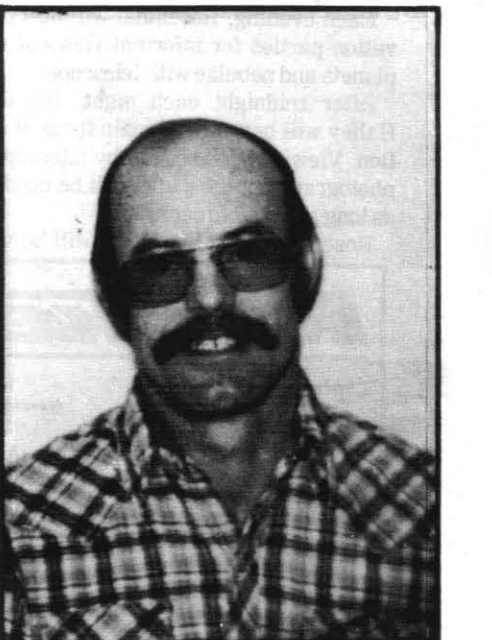
Bullard said of Hartney that "His knowledge of the acquisition process for tactical missiles and the cost of development, pro-

duction, logistic support and integration to aircraft platforms is outstanding." Bullard also praised Hartney's ability to balance his time between several demanding program sponsors while providing the highest quality product to all.

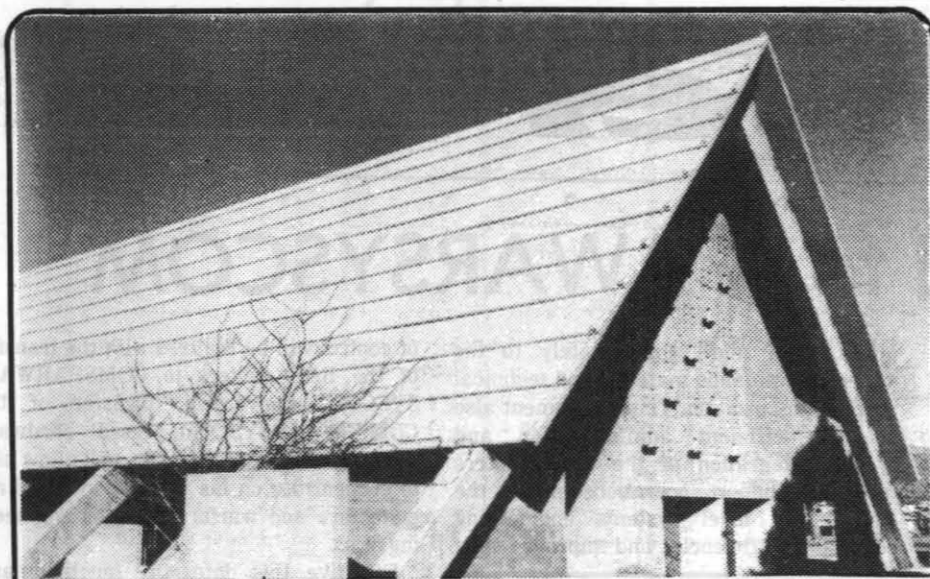
Dr. Kistler's recommendation said that he concurred most heartily with Bullard.

His letter added that "Mike Hartney has become a recognized national authority in the field of cost analysis and as such is continually being sought after to participate on the various cost panels for study programs of major interest to the Navy and to the defense of our country in general."

Hartney, who holds a bachelor's degree in economics from the University of California at Davis, has been an NWC employee since January 1972. He is currently working in the Weapons Cost Analysis Division of Central Staff.



Michael O. Hartney



## 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 9) 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

## First aid for burns can prevent serious troubles

Doing the wrong thing for a burn in the first few minutes can cause painful and disfiguring consequences. The Kern County Fire Department has issued the following recommendations for best first aid for a burn.

Cool the burn area with water. This is essential because skin will continue to burn even after the fire or heat source is removed. Cover with clean cloth.

NEVER use ice to accelerate the cooling process. This is too extreme and might damage the skin further.

DO NOT use ointments, grease, butter or any vaseline-type creams. These tend to hold the heat in which allows the "cooking" to continue.

Burns are classified as first, second and

third degree, depending on how deeply the skin is damaged. First degree burns are red and painful, but not blistered. If cooled with water promptly, this burn should heal on its own. A second degree burn is blistered and painful. Third degree is white, brown or charred and may be painless, due to nerve destruction. Second and third degree burns require medical treatment, but they also need first-aid. Cool with water, cover with clean cloth, and keep the victim quiet and warm until medical help arrives.

Remember, cool with water, cover with clean cloth and seek medical attention. Don't take burns lightly, complications can be fatal.

## New germ resists penicillin

The Centers for Disease Control note that a new type of gonorrhea in the United States is resistant to treatment with penicillin. Penicillinase Producing Neisseris gonorrhoea (PPNG) is a serious health threat.

PPNG, like most sexually transmitted diseases, is contacted through casual sexual contact, particularly through prostitutes.

As the name of the germ implies, it is resistant to penicillin as well as to many of the antibiotics used in the past. Any temptation to self-medicate should be avoided without first establishing the diagnosis. Taking penicillin or any antibiotics left

over from previous illness or borrowed from friends may appear to have relieved the symptoms, but may actually result in spreading the disease. In addition, the disease may become more resist to treatment.

Treatment of this gonorrhea should not be taken lightly; this means following doctor's instructions very carefully. Identifying and treating all sexual contacts is equally important.

For more information of gonorrhea, PPNG, or other sexually transmitted diseases, call the Kern County Health Department at (805) 861-3651.

## Rosenthal to lecture on Comet Halley for Club Med

During four key viewing weeks, Dave Rosenthal, an electronics engineer in the Naval Weapons Center's Aircraft Department, will be presenting programs on the Comet Halley for Club Mediterranee on the island of Moorea, near Tahiti.

Currently an engineer working on electrical and electronics aspects of converting F-86F's to QF-86F full scale aerial targets, Rosenthal has been with NWC since 1979.

Club Mediterranee (better known as Club Med) has engaged Rosenthal to present a wide variety of programs, ranging from discussions and telescope observations of the comet to informal sunset gatherings on the beach to learn more about what's in the sky.

Rosenthal notes there will be a variety of naked-eye objects and phenomena to see during colorful sunsets that change from day-to-day.

Other activities include daily audio-visual presentation on Comet Halley giving historical background information and a general overview of what comets are and how they fit into the solar system.

Each evening, Rosenthal will host observation parties for informal views of stars, planets and nebulae with telescopes.

After midnight each night, the Comet Halley will become the main focus of attention. Viewing of the comet by telescope and photography of the comet will be conducted as long as possible each night.

Rosenthal notes the comet will be visible

for only a few hours before morning twilight during much of March. By early April the comet becomes visible just after midnight and by the end of the second week in April, it will rise well before midnight for excellent viewing opportunities.

Daily presentations will include a short update on the comet's status and where it will be in the sky for that particular night's viewing.

Rosenthal also plans to include information on the Voyager deep-space probes, meteor showers, plans for a space telescope and how the view from Tahiti is different than from other parts of the world.

Several years ago Rosenthal decided he wanted to get a really good look at the Comet Halley as sort of a highlight to 11 years of serious interest in astronomy.

The best way to accomplish this goal, he decided, was to combine his scientific and technical backgrounds with his experience as a journalist. For two years he has produced a weekly show for broadcast on Radio Earth, a shortwave radio network, covering astronomy and what to see in the sky. Called "Skyline," Rosenthal's program has been bringing astronomical features, news, interviews and a what's-in-the-sky type show to listeners in the United States, Canada, the Caribbean, Europe and the Mid-East. He noted they recently expanded coverage to Latin America as well. "Skyline" has been one of Radio Earth's most popular programs.

Radio Earth was the first real attempt at commercial use of the short wave radio spectrum on an international basis.

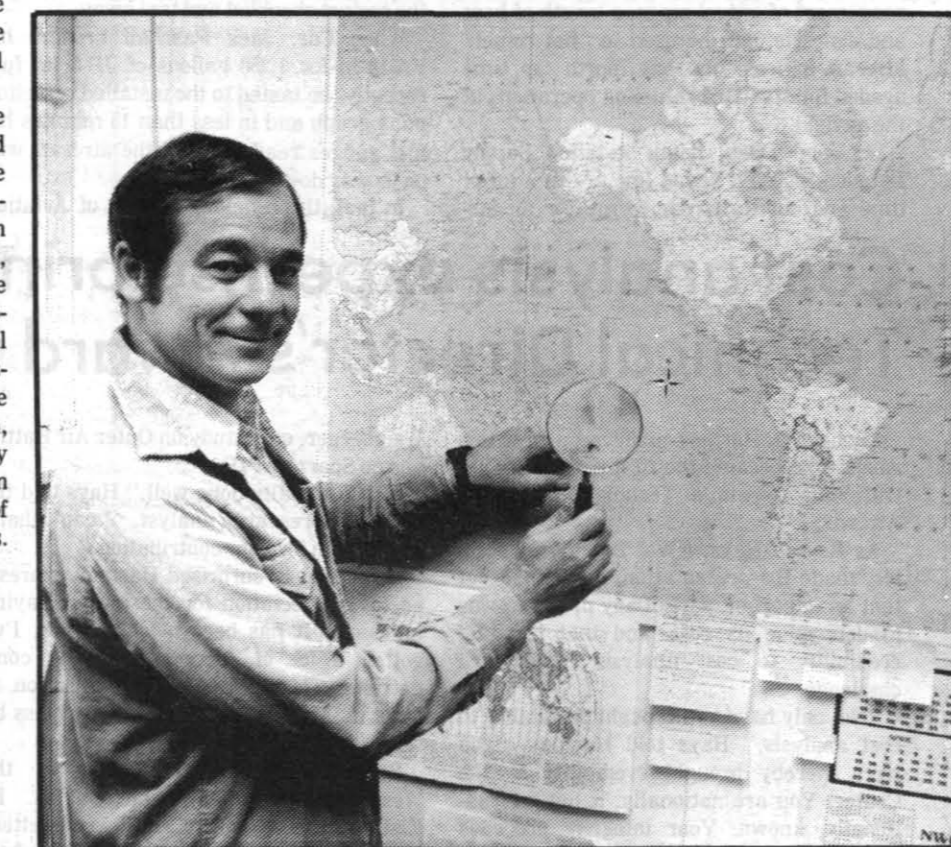
With a wide background in bringing astronomy to the general public through "Skyline" and activities with the China Lake Astronomical Society, Rosenthal approached Club Med officials with the idea of bringing this kind of informational program to guests at Moorea, leading to this trip.

During his March 14 to April 17 stay at Club Med, Rosenthal will also represent the International Comet Halley Watch.

Photographs and other observations will be transmitted on a regular basis to the West Coast Comet Watch headquarters at the Jet Propulsion Laboratory. He will also provide photos to KCBS-TV in Los Angeles as Comet Halley makes its closest approach to earth during this visit.

Locally, Rosenthal said the comet will be low in the southeastern sky from March 8 to March 24. Look for it about 10 degrees above the horizon just before dawn.

Oh yes, Comet Halley will not return for another look see until 2061.



**HALLEY WATCH** — Dave Rosenthal, an NWC electrical engineer, will leave for Tahiti and the island of Moorea soon to spend four weeks lecturing on the Comet Halley at Club Med on Moorea. Tahiti is such a small speck in the ocean on any world map he needed a magnifying glass to get a good look at the location.

**NWC Rocketeer**

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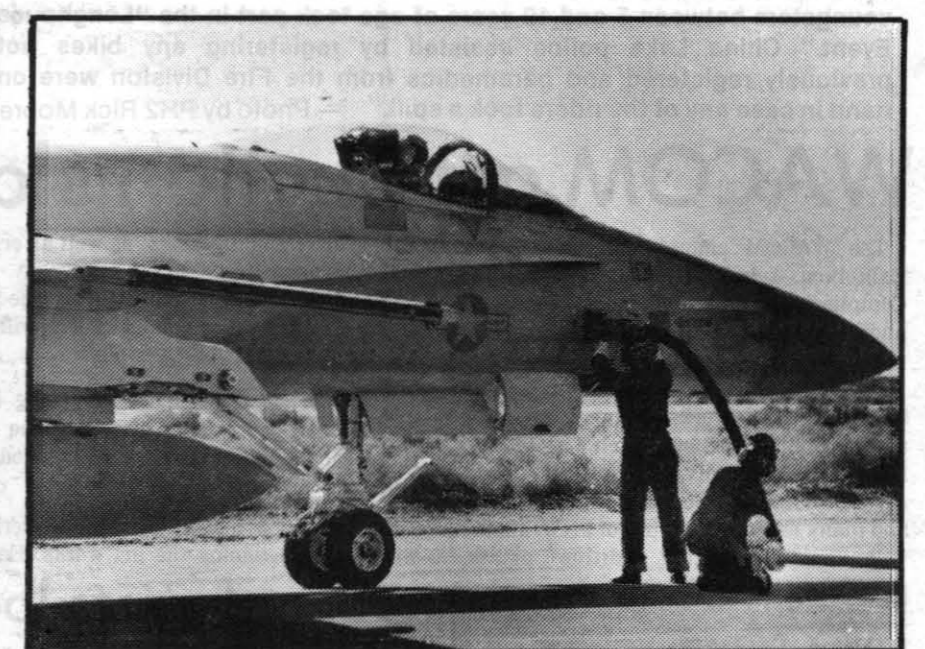
## Hot refueling becomes more routine at NWC



**SAFETY FIRST** — Throughout hot refueling operations with the refueling pantograph, the fuel truck remains more than 100 feet from the aircraft and its hot jet engines.



**WAITING** — Fire extinguishers are manned and ready as a safety precaution as the F/A-18 waits to take on a load of fuel from the refueling pantograph.



**HOOKUP** — Cdr. Jack Paschall sits in the cockpit of his F/A-18 as ground crew personnel plug in the refueling hose for the final hot refueling test for the new refueling pantograph.

Photos by PH2 Rick Moore

## Bill Wilson easily wins President's Day Run

Bill Wilson's time of 35:27 was more than a minute faster than the second best time as he easily won the Over-The-Hill Track Club's 10 Kilometer President's Run on Feb. 22. Joe Oliver (who also won the master's division) was second with a 36:35 clocking while Gill Cornell was third in 37:06. Also breaking the 40-minute mark were Mick Rindt, David Boaz and Frank Smith.

Mary Moore was the first woman finisher, being clocked at 41:41; Elaine McMahon was the women's second place finisher with a time of 45:37, and Jerry Mumford took third in 47:39.

In the Five Kilometer Run held the same day, Eric Johnson was the easy winner in 18:24. Tim Miller followed at 19:52. Women's division honors went to Katie Holley with a 25:25 time and Tiffany Mar-

shall, running in the girls-14-and-under division, was clocked in just 26:50.

Seventy-four year-old Frank Morales won the men's 50-and over bracket with a fine 24:45 time while Mike Oliver won the 14-under boys race with a 22:39 time.

In the special heavyweight (more than 180 pounds) divisions, Gary Schmidt's 45:28 won the 10K event and Johnson took the special class in the 5K run.

More than 60 runners took part in the OTHTC's President's Run this year.

## Temperatures reach new record highs this month

Feeling unusually warm? All-time high temperatures for the month of February in the Indian Wells Valley were established this week. The previous

highs had occurred on Feb. 27, 1968 and Feb. 28, 1972; the temperature peaked at 83 degrees on both those days. On both Monday and Tuesday of this week, the high was 86 degrees, which was topped by Wednesday's peak temperature of 89, and yesterday's 89 degrees.

Weather forecaster John Gibson doesn't expect these summer-like temperatures to last any longer than it takes for another series of storms to move into California, however, so don't put away those sweaters and jackets yet.

## Naval Laboratories...

(Continued from Page 1)

On February 5, 1986, the first phase of a three-phase plan was executed to begin the transfer of COMSPARWARSSYSCOM's hardware procurement program responsibilities to COMNAVAIRSSYSCOM and COMNAVSEASYSYSCOM, with appropriate transfer of resources.

CNO will implement organization changes, including appropriate realign-

ment of R&D centers under COMSPAWARSYSCOM and revision of COMSPAWARSYSCOM mission and functions.

COMSPAWARSYSCOM will coordinate with CNR to effect the transfer of resources.

CNR will initiate appropriate changes to the mission, functions and organization of the Office of the Chief of Naval Research.

**NWC HOTLINE**  
 Integrity, efficiency program  
 Call: NWC ext. 3636 (24 hrs.)  
 or call the Inspector General at:  
 (800)522-3451 (toll free)  
 288-6743 (Autovon)  
 (202)433-6743 (commercial)

## Early trout season should attract thousands

Early birds with the correct "worms" can catch a five-fish limit of trout in certain waters of the Eastern Sierra long before the general season begins.

Independence Creek, Symmes Creek, Lone Pine Creek, lower Cottonwood Creek, Georges Creek and other waters in southwestern Inyo County will open for trout fishing tomorrow (Saturday), Department of Fish and Game officials said.

Bordered by the Inyo County line on the south and west, Independence Creek on the north and Highway 395 on the east, the area will open approximately eight weeks prior to the general Eastern Sierra opener, April 26.

Licensed anglers can take a limit of five fish daily until the general season opens, at which time a 10-fish limit will go into effect.

Many southwestern Inyo County trout waters will be stocked with catchable size trout from DFG hatcheries just prior to March 1, providing water temperatures permit.

Included within the perimeter of waters to open next month are Diaz Lake and a section of the Owens River that extends from Pleasant Valley Reservoir, south. Both are open all year long.

Except for one section of the Owens River between Pleasant Valley Reservoir and Five Bridges Road where the limit is

two fish, the daily bag limit is five fish on the river, as well.

Exceptions to the early opener are Cottonwood lakes 5 and 6, the only two of the six-lake Cottonwood Creek drainage system that are ever open to fishing.

Cottonwood lakes 5 and 6, prime golden trout fishing spots, will open to angling July 1.

The early trout season will close concurrent with the general season, Oct. 31.

Tomorrow is opening day of the early Sierra trout season. Streams from Independence Creek south to the southern border of Inyo County are now open from the Sierra Crest as far as Highway 395. The

portion of the stream between 395 and the Owens River or ponds east of Highway 395 are still off limits until the last weekend in April.

Department of Fish and Game wardens suggest anyone who has any questions about whether some particular water is legal to fish, stop and ask at a sporting goods store or market; locals in the area will be able to give directions to the legal fishing waters.

Legal year round is the Owens River from Pleasant Valley reservoir south to Owens Lake, Pleasant Valley reservoir itself and Lake Diaz.



## Sports

### Little League tryouts end with Saturday's sessions

China Lake Little League tryouts for the 1986 season wrap up with sessions tomorrow (Saturday) at China Lake and Inyokern baseball diamonds.

Youngsters who have not been able to attend tryouts and registration at previous sessions are asked to come to China Lake Diamond Four at 9 a.m. or Inyokern School's diamond at 1 p.m.

Players need a birth certificate when registering. Anyone who did not take part in the major division last year must take part in the skills assessment tryouts.

There is a continuing need for coaches, managers and umpires for the 1986 Little League season. For additional information on the China Lake Little League call M. Moore at 446-2914 after 6 p.m.

### Pony look seeking players

Youngsters born between Aug. 1, 1969 and July 31, 1973 are eligible to participate in the IWW Pony/Colt League baseball season this spring and summer. The first tryouts are set for tomorrow (Saturday) at 9 a.m. at the Pony League Field on board the Naval Weapons Center.

Additional tryouts are scheduled for

### No change in league lead

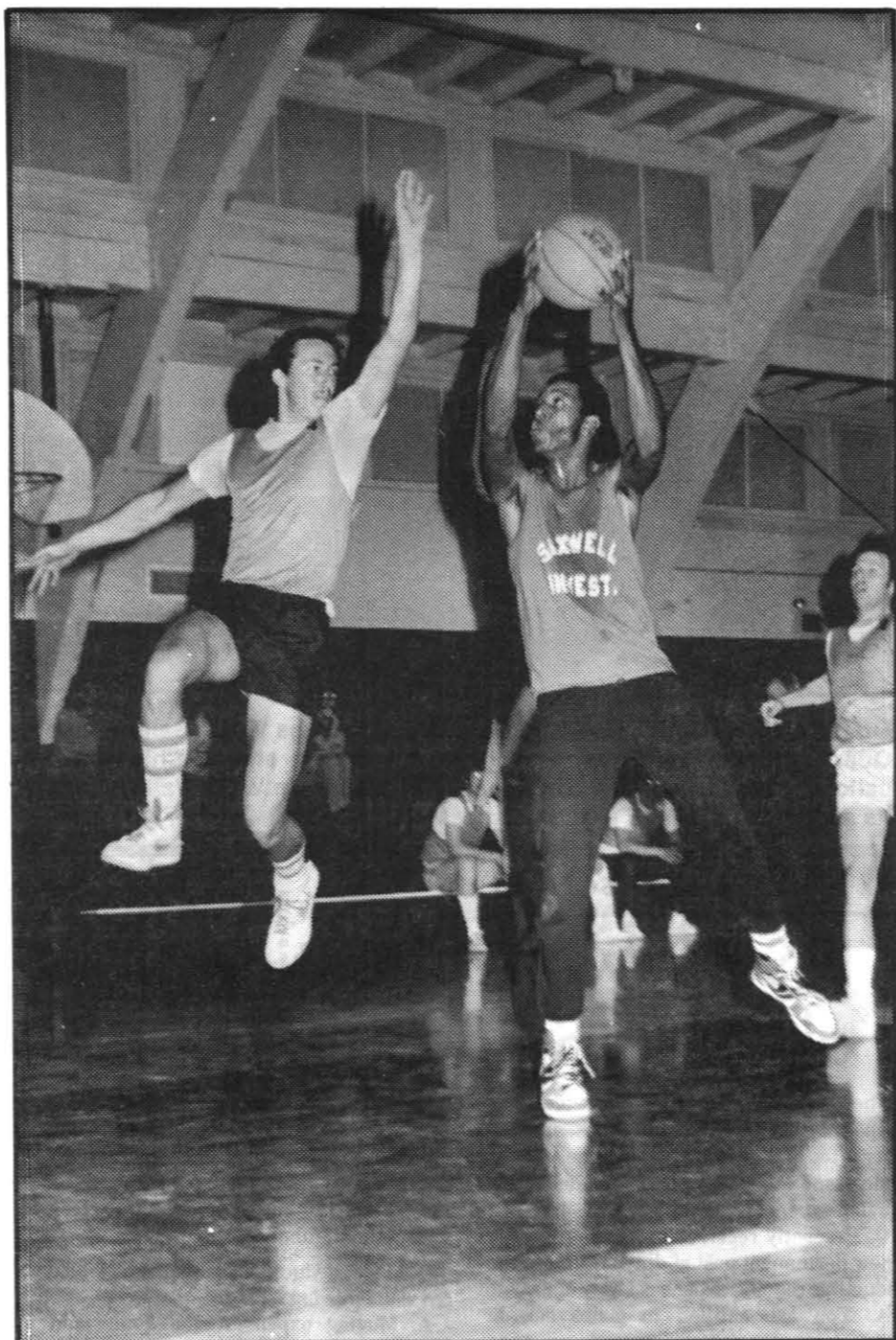
Boosting their overall season record to 279½-140½, the Jones' Mobile bowling team remained far in front of any competition in the Premier Bowling League. The Buggy Bath bowlers were in second place with a 244-176 record after action this week.

Bowlers from the Jones team also had a team high game of 742 and the top team series of 2,196.

Individual honors for the week went to Chuck Cutsinger who rolled a 244 game and came back with a 631 high series. Gary Barnes notched a 237 game and had a three-games series total of 602. Sam

Schoenhals came in with a 225 game and a 612 series while Larry Jeffries bowled a strong 223 game.

Team	Standings	W	L
Jones' Mobil		279½	140½
Buggy Bath		244	176
Elks Lodge		219	201
The Place		209	211
Hideaway		197	223
Thrifty Wash		192	228
Farris'		184	236
Hooper's Troop		155½	264½



**UNBEATEN TEAM** — Unbeaten for more than two full seasons and still atop the Men's Basketball League standings, Saxwell Investments moved to another victory in play last week. Coached by Richard Craney, the team is the defending "A" division champion.

## Winter youth basketball league play continues

Action continued in the NWC Youth Winter Basketball League. Some results were not turned in by the deadline, resulting in a condensed version this week.

**Intermediate Division**  
Celtics 31, Rockets 18

Leading 13-3 after the first half, the Celtics had no problem disposing of the Rockets. The Rockets exploded for 13 points in the fourth quarter, but it was too little, too late.

**Pistons 50, Nuggets 18**

The Nuggets were held scoreless in the third quarter after the Pistons had romped to a 33-4 lead at halftime.

**Instructional Division**  
Nets 21, Bulls 13

Leading 11-6 after one half of play, the Nets were able to cruise to their win against the Bulls. The losers were held

scoreless in the first quarter.

**Stars 50, Suns 22**

With just a 14-4 lead at the half, the Stars exploded for 22 points in the fourth quarter for their easy win against the Suns, who managed just eight tallies in the final stanza.

**Junior Division**  
Pacers 46, Hawks 30

Overcoming a 14-4 first quarter deficit, the Pacers rallied behind a 29-point second-half effort as they held the Hawks to just 12 points in the final quarters.

**Jazz 44, Lakers 32**

The Jazz cagers led at all the quarter breaks en route to the easy win. The Lakers were blanked in the third quarter, but rallied for a 15-point final stanza to make it look close.

**Senior Division**  
Bullets 70, Kings 37

Forty-six points in the second half broke the game wide open for the Bullets. They outscored the Kings 26-7 in the third stanza to key the romp.

**Mavericks 63, Clippers 59**

In a close contest, the Mavericks took an early lead then held off Clipper rallies in the second half of play. The winners held a 35-30 halftime advantage.

### Fishing may get better

Weather at Lake Isabella last weekend was much more like the end of March than the end of February; everyone who tried fishing went home with a suntan, but with an empty creel. Nothing was biting, not even mosquitos.

The water is rising in the lake and fish have lots of feed, so they are not being tempted by what fishermen are dropping into the water.

Those who tried fishing for trout between the power house and Kernville on the Kern River above Lake Isabella, however, did have some success. The trout caught were planters and were relatively small but still make good eating.

If the warm weather continues, fish should start moving in closer to shore and anglers will be making good catches.



## The Skipper Sez...

**QUESTION**

**Civilian Employee** — I'd like to know if it would be possible to get another line to PSD, or, possibly, another individual to answer phones there. When we have to make reservations for official travel for our bosses, sometimes we can't get through for days on end. Since I'm located in a building out on the ranges and since it's not very cost effective for me to take a taxi down mainline in order to make travel arrangements, it's not practical to have to wait until I connect with PSD. I've been trying to get through now for a day and a half. I'm not getting through to them; all I'm getting is a busy signal.

**ANSWER**

We regret the problems NWC personnel have experienced contacting the Personnel Support Activity Detachment (PSD). I recently requested a study which confirmed these problems. On completion of the study I offered personnel and additional telephone lines to PSD. To date, PSD has hired one more employee and requested a four-line rotary system with two additional telephone lines. This new system should have been installed by the end of April. These two actions should result in some immediate improvement. PSD is also requesting additional billets from the Personnel Support Activity, Long Beach due to increases in workload over the last several years. I have requested that a follow-up study be performed in June to determine whether the services by PSD have improved.

**QUESTION**

**Civilian employee** — I'm calling in regard to people who use their rearview mirror to display their identification pass and their access pass in their cars. I've gone through shopping centers in town and have seen quite a few cars with this. Perhaps this should be called to your attention and to those who are doing this illegal action. Thank you.

**ANSWER**

I concur with your view that NWC badges should not be left unattended in automobiles. In fact, NWC badges should not be left unattended any place. An individual's NWC identification belongs to the Government and is "loaned" to each employee, contractor, or visitor during their tenure or visit. One would not think of leaving their purse or wallet unattended in an automobile — the same should apply to their NWC badge. By the way, our badges are designed for usage on Center and should not be displayed off Center. Your badge, at the very least, should be just as important to you as your credit cards or other valuable papers.

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.

## Engineers hear about 'Skunk Works'

NWC has been called the closest operation in the Department of Defense to the famous "Skunk Works" that Kelly Johnson established at Lockheed Aircraft Company in 1943. At the annual Engineers Week banquet held in Ridgecrest last week, topic for discussion was "Excellence Found — The REAL 'Skunk Works'."

Sponsored by the High Desert Engineering Association, the banquet's featured guest speaker was Ray T. Passon, Assistant General Manager, Advanced Development Projects, Lockheed-California Corporation.

Outstanding Skunk Works successes included design and development of the prototype F-80 fighter aircraft in 80 days, as well as design and building of the U-2, SR-71, T-33, F-104, and other aircraft.

Passon said that the essence of the Skunk Works success could be summarized in five management principles: Give a man a job to do and he'll do it; don't fire people for their mistakes because they learn from these mistakes; deal only from absolute truth and honesty; establish a legacy of highest standards; and live by Kelly Johnson's 14 rules.

Passon continued by saying that he believed other Skunk Works had not been established because the lower cost of such operations resulted in lower company profits, and that there was no place for committee action. This, he continued, made working in a Skunk Works hard on key people because they generally lost opportunities for promotion.

The Skunk Works, he noted, was not a

## Land acquisition underway

Action is underway for acquisition of the remaining 56 parcels of land lying under the air corridors south of Inyokern Road and south of Ridgecrest Boulevard. The Navy anticipates acquisition will be complete by January 1987.

Appraisal updates for the remaining parcels of land are now being made and should be complete by late March, with the first round of negotiations expected to begin by mid April. After negotiations, when a property owner accepts the price offered, escrow is entered into within the next 90 days. Upon completion of the escrow, the former owner is then given 90 days in which to vacate the property.

Western Division Naval Facility Engineering Command (WESTNAVFACENGCOM), San Bruno, Calif., is responsible for all land acquisitions in this area; Jim Fath in the Real Estate Office of



**FIRST BADGE ISSUED** — Capt. K. A. Dickerson examines his new area access badge that has just been given him by Don Cortichiato, acting head of the Safety and Security Department. All Center personnel are to receive new area access badges during the month of March (see schedule of issuing points listed below). — Photo by PH2 Rick Moore.

## New area access badges to be issued in March

All China Lake civilian, military and attached activity employees are to receive new area access badges during March. Current area access badges will not be valid after March 31. Contractor employees will be rebadged at a later date because their area access badges will continue to be valid.

For the convenience of Center personnel, rebadging will take place at a variety of locations during normal working hours (including lunch hour). Personnel may go

to any of the sites to receive their badges. They should also be prepared to have their picture taken because there may not be a color photo on file.

Rebading will occur at the following places and dates: Michelson Laboratory, north lobby, March 3 through 5; IOB conference room, March 6; Range Control Center, small conference room, March 7; Thompson Laboratory, Room 43, March 10; Hangar 3, Armitage Airfield, Room 3277, March 11 and 12; Lake Propulsion Laboratories, cafeteria, March 13 and 14; EWTES, Bldg. 70049, conference room, March 17; Public Works, Bldg. 00979, conference room, March 18; and Enlisted Mess, ballroom, March 19 and 20.

Anyone who is unable to get to any of the rebadging sites because of travel or for any other reason should go to the Safety and Security Building between 7 a.m. and 5 p.m. after March 20 for a new area access badge.

## Mich Lab gate will be closed

The Michelson Laboratory west access gate will be closed on Monday, March 10 for flood wall construction and gate house relocation. The gate will be reopened on or about April 14.

During the time that the gate is closed, all vehicles and pedestrians must use the east and south gate for access. The gate operating hours will remain the same. Great care must be exercised in using these other gates since they are designed primarily as fire gates, and caution will also be needed in selecting parking spaces during this time.

The north gate is unaffected by this action.

Anyone with questions about the construction should telephone Dan Butler at NWC ext. 1213.

## Forest plan mtg.

All persons interested in learning about the Sequoia National Forest Draft Management plan are invited to attend a meeting on Wednesday at 7 p.m. at the Burroughs High School multi-use room.

Presenting the information will be Forest Service personnel, and the Forest Service is hoping that all who are interested will submit written comments by March 28.

Path also helps the owner or tenant develop a relocation plan that includes some moving costs, acquires bids for all costs, and sends the cost data (which include packing, moving, and storage) to WESTNAVFACENGCOM. As soon as WESTNAVFACENGCOM approves the move plan and amount, the move will proceed. The contractor can be paid directly by the Navy.

A total of \$8.2 million has been allotted to complete the project.

Anyone who has any questions about the land acquisition process is encouraged to talk with Fath, who can be reached at 3411, ext. 379.

# Air-launched space probe record set here

Highest altitude ever attained by a United States space probe launched from an aircraft was reached in 1962 by a Caleb rocket developed at what was then the Naval Ordnance Test Station.

The rocket was used for Project HiHoe — a project sponsored by the Naval Research Laboratory for exospheric composition studies of hydrogen, helium, and oxygen ions. NRL provided the 120-pound payload, and NOTS provided the two-stage NOTS EVII (Caleb) rocket.

The rocket was launched from an F-4H aircraft in a steep pull-out maneuver at an altitude of between 35,000 and 38,000 feet. Launch took place over the Pacific Missile Test Center.

During the first test, the booster didn't ignite because of failure of the umbilical plug. The second launch had a successful flight, reaching a maximum altitude of 630 nautical miles, but the mass spectrometer failed to function.

In any case, the altitude record was set for an aircraft-launched space probe.

Caleb was a follow-on project to what the Navy called "Project Pilot," and what China Lakers called "NOTSNIK."

Caleb was designed to have from one to three solid propellant stages for sub-orbital flights and a fourth stage for any attempts to put a satellite into orbit.

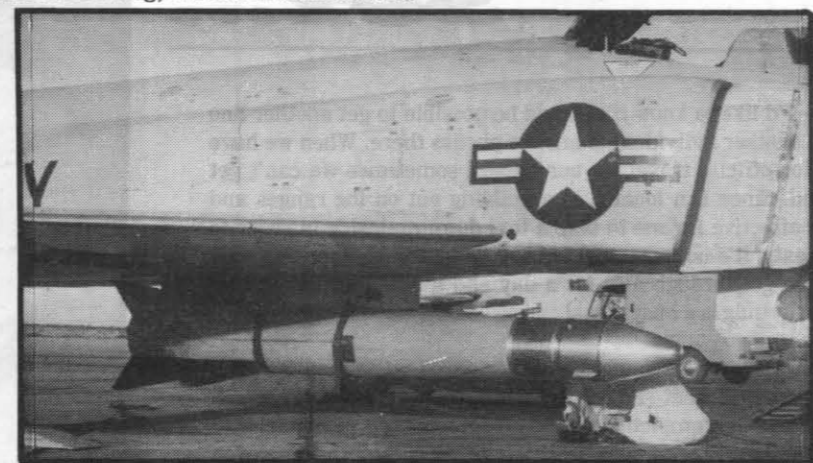
As a vertical probe, it was expected to be able to take 600 pounds of payload to 200 miles or 13 pounds of payload to 2,000 miles as a vertical probe. For satellite applications, Caleb was expected to put a 20-pound payload into a 300-mile orbit.

When work began on Caleb, the Navy anticipated that

each NOTS EVII would cost about \$65,000, which was a lot cheaper than any of the huge boosters used for other vertical probe or satellite missions in the early 1960s.

Caleb, which was 16.5 feet long, two feet in diameter and

weighed 3,000 pounds, could be launched from standard bombracks under the fuselage of a McDonnell F4H Phantom II fighter or under the wing of the Douglas F4D Skyray.



## China Lake Police Reports

A variety of traffic accidents kept China Lake police busy late last week and over the weekend. The first of these occurred Friday when one driver failed to see another car while pulling into Murray School and struck the passenger side of that vehicle. Moderate damage resulted. A single car accident was reported at Armitage Airfield; the driver ran over a concrete culvert and damaged the vehicle. An ATV on Saturday hit the fence; the civilian driver was transported to Ridgecrest Community Hospital by ambulance. And, finally, at 4 a.m. Monday, a woman hit the curb at the traffic circle, apparently overcorrected, and turned her vehicle over. Fortunately, she was not injured.

A wallet was taken from its owner at the NWC gym. The wallet, with its contents intact, was later found by officers at the front gate drop box.

A bicycle was found at the hobby shop store. If its owner will identify the bike at the China Lake police station, it will be returned to him. A watch was found at the Commissioned Officers' Mess, and, equally, if the owner can identify it properly, the watch will be returned.

On two occasions Saturday China Lake police responded to a call about a disturbance of the peace to the same household in the Site B Capehart housing when a party got very noisy.

During a traffic stop made on Saturday evening, investigation revealed that the driver of the car was under the influence of alcohol. The driver spent the next five hours at the China Lake police station before being released and cited into court for the DUI.

Someone removed tools from a government vehicle parked at the Public Works Department. Although no dollar amount of the theft was readily available, it is listed as a petty theft.

Another victim of fraud reported to police that she had placed an order at an "After Six" party, had paid for the order, and had not received it.

When police returned a wallet that had been found near Fowler and Thompson on the base, the owner reported that the wallet had been stolen late last year but that she had not filed a report on the theft at that time.

A female juvenile runaway was apprehended by China Lake police when she came to visit her friends at Murray Junior High School. The juvenile lives in Ridgecrest.

A couple got into a physical battle in the old duplex area. The next morning the woman reported that she would be moving out and therefore would not file a complaint.

A center employee reported that she lost her purse in Oildale. In the purse were both her badge and NWC keys.

A minor traffic accident occurred in the parking lot of the BEQ when the woman

driver struck a barrier post while backing. Moderate damage was sustained by the van.

China Lake police responded with the Fire Department to an alarm at Murray School Tuesday caused by an electrical fire in the air conditioning system. The fire was rapidly extinguished.

Vandalism was reported as cause for damage to the Center's boundary fence in the Site B Capehart area.

China Lake police assisted Ridgecrest officers at the scene of an accident at the intersection of China Lake Boulevard and East Inyokern Road.

A traffic accident occurred in the parking lot at the gymnasium when a driver's vision was obscured by the sun, and his vehicle struck a second one.

One vehicle backing out of a place at the NEX parking lot hit another vehicle. Minor damage resulted.

An employee in the Public Works Department's pipe shop reported that someone took his jacket that had been left in his work space.

Another backing accident occurred on the east side of Building 1348 when one driver failed to see the other. Minor damage resulted.

## Summer program cancelled because of hiring freeze

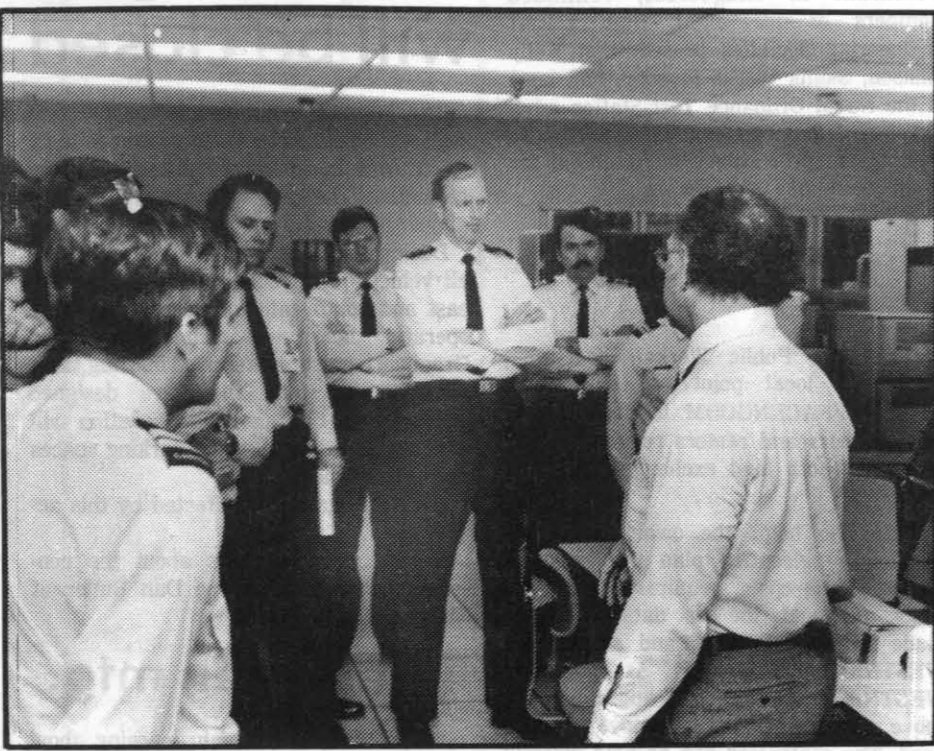
The uncertainties surrounding the personnel hiring freeze coupled with budget and manpower constraints make it impractical to consider a summer program for the May to September 1986 period. It was announced at the February 24, 1986 Commander's meeting that the actions required to prepare for the summer program will be held in abeyance and that in all likelihood there will be no summer program this year.

The summer exam announcement was distributed in the December-January time period by the Office of Personnel

Management. In accordance with the announcement, applications were to be accepted from February 13 to March 14, 1986.

Applications received will be acknowledged by the Personnel Department. Applicants will be informed that there probably will be no Summer Program and will be advised to seek employment elsewhere.

Applications received will be retained so that in the event that circumstances change and the Center is able to have some level of Summer Program a possible source of applicants will be available.



**INTERESTED** — Brigadier General Leslie C. Price, Commander of the Canadian Forces 14th Training Group, and other Canadian Forces officers listen to Luke Crews, head of the Simulations Services Branch of the Weapons Department, describe the operations of the Hardware-in-the-Loop Simulation Laboratory. As part of their study in Aerospace Systems Course 38 in the Canadian Forces Aerospace and Navigation School, the men spent two days getting briefed at NWC.

# Navy League readies honors for top sailors

Outstanding enlisted personnel at the Naval Weapons Center and Air Test and Evaluation Squadron Five (VX-5) will be honored as the Indian Wells Valley Council of the Navy League hosts the Annual Sailor of the Year Awards Dinner on Saturday, March 8 at the NWC Enlisted Mess.

For the seventeenth year, the Navy League will host the event where the Sailors of the Year are presented. They will have been selected from the Sailors of the Quarter chosen by each command during 1985.

All Sailors of the Quarter will receive cash awards and the Sailors of the Year additional awards and honors from the

Navy League thanks to continued support from area businesses, service clubs and individuals.

Richard J. Surprenant, IWW Navy League president, said he looks forward to a very special evening with those attending

and "some very fine enlisted representatives of the United States Navy."

These outstanding sailors have been selected on the basis of the leadership, dedication, performance of duties and personal qualities.

The evening begins with a no-host social hour at 6:30 p.m., followed by a buffet dinner at 7:30 p.m. Tickets are \$10 per person and may be reserved in advance and paid for at the door on March 8.

To make dinner reservations, please call Bea Tracey at 375-4272, Julie DeGraw, 446-5488 or Richard Surprenant at 446-2538.

NWC Sailors of the Quarter being honored this year are AC1 Tina Evans, YD3 German Ydrovo, PR1 Harvey Hartman and AE3 Marty Chilton.

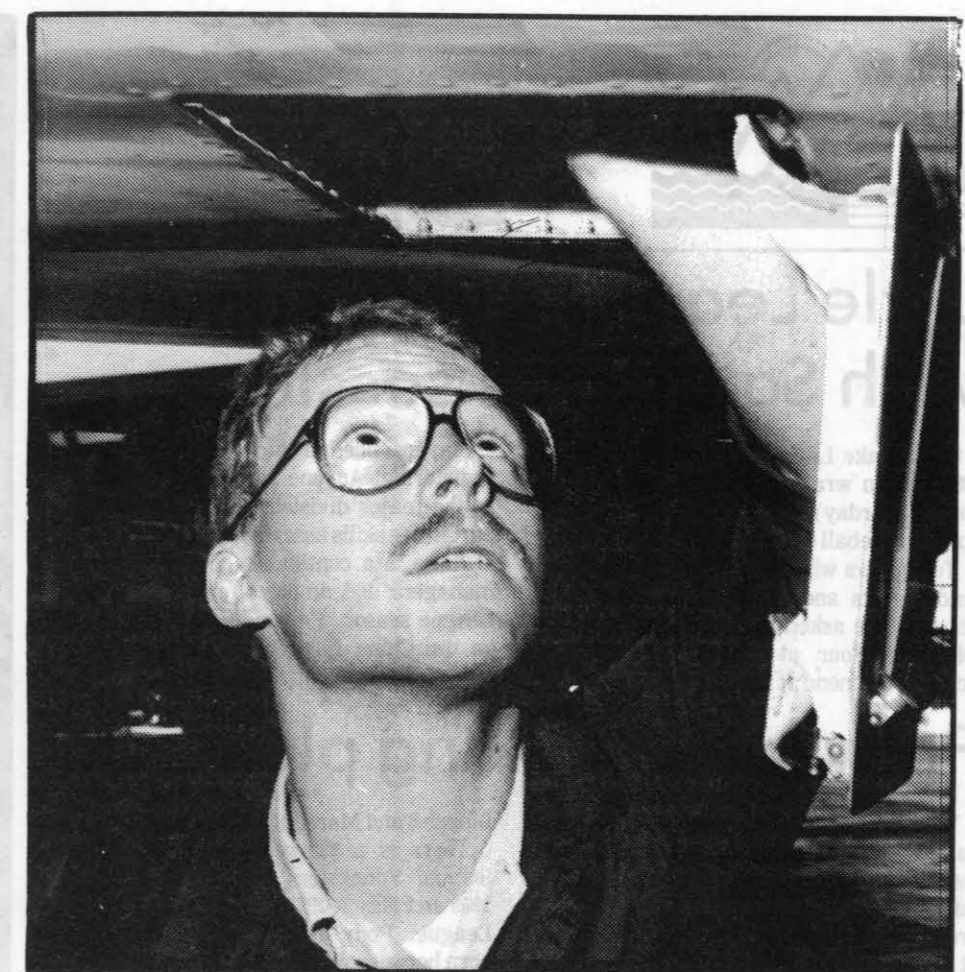
From VX-5, AE1 Sammie Allen has been named Sailor of the Year. Sailor of the Quarter honors also went to MS2 Peter Vanderwalle, YN2 Guy Wellington, AE3 John Linford and PH3 Greg Hogan.



## Military News



**OUTSTANDING SAILOR** — YN2 Guy Wellington was VX-5's Sailor of the Quarter for the third quarter of 1985. He will be among China Lake sailors honored when the Navy League of the Indian Wells Valley holds its annual Sailor of the Year dinner on March 8.



**NWC SAILOR** — AE3 Marty Chilton will represent the fourth quarter of 1985 for the Naval Weapons Center in Sailor of the Year competition. He is one of eight China Lake Sailors to be honored by the Navy League at the 17th Annual Sailor of the Year Banquet on March 8 at the NWC Enlisted Mess.

### For military personnel

## IRS answers question... about U.S. income taxes

The Internal Revenue Service has prepared the following questions and answers to help military personnel better understand the requirements for deducting moving expenses.

**Q.** I recently received orders to report to a new permanent post of duty. What are the deductible moving expenses I may claim?

**A.** You are entitled to claim certain unreimbursed expenses incurred in moving your possessions, traveling to your new home, looking for a new home before moving, living temporarily in the new area, and selling and buying a home.

**Q.** What qualifies as a permanent change of station?

**A.** A permanent change of station includes a move from your home to the area of your first post of duty when you begin active duty; a move from your last post of duty to your home or a nearer point in the United States, if you move within one year of ending your active duty or within the period allowed under the Joint Travel Regulations; or a move from one permanent post of duty to another.

**Q.** When I relocated to my new permanent post of duty, the government provided some of the moving and storage services. How should I handle this when I file my return?

**A.** You should not include in income the value of moving and storage service provided by the government. If you receive reimbursements or allowances from the government for moving and storage expenses and the reimbursements or allowances are equal or less than your actual

moving expenses, do not include the reimbursements or allowances in income. If, however, the reimbursements or allowances exceed your actual expenses, include the excess in your income. You may not deduct the reimbursed expenses.

**Q.** May I deduct all the expenses I incurred while moving?

**A.** Moving expenses to a home within the United States or its possessions must be reported on Form 3903, "Moving Expense Adjustment." If you moved to a home outside the United States or its possessions, use Form 3903F, "Foreign Moving Expense Adjustment," to report your moving expenses. Attach the appropriate form to your Form 1040. You deduct nonreimbursed moving expenses from gross income to determine adjusted gross income on Form 1040.

**Q.** I have been in the service for only three years and I was recently reassigned overseas to a new post of duty. My family will relocate with me, but they have received only 90-day tourist visas. May I still deduct the expenses I incurred in moving my family?

**A.** Yes, military personnel may deduct expenses incurred in moving their dependents to the new duty station in a foreign country even though the dependents have 90-day tourist visas.

**Q.** Do military personnel have to meet the time and distance tests?

**A.** No, the time and distance tests do not apply to military personnel who move because of a permanent change of station.

## Special Warfare community seeks volunteers for SEAL positions

The Naval Special Warfare (NSW) Community is growing and looking for people interested in becoming SEALs.

The community is expected to increase in size more than 40 percent by the end of FY 1990. NSW hopes to meet its expansion goals by recruiting people already in the Navy.

The increase in numbers, however, will not lessen the program's high standards of acceptance or training. In fact, entry level requirements will become more stringent and competitive.

A career path for all enlisted and officers in NSW starts with the successful completion of the basic SEAL training course (BUD/S). Initial assignments are at one of eight SEAL/Swimmer Delivery Vehicle (SDV) teams homeported in Little Creek, Va., or Coronado, Calif.

SEALs receive \$360 a month in diving, hazardous and special duty assignment pay and qualify for selective reenlistment bonuses of up to \$20,000. In addition, they qualify for career sea pay and family separation allowances when deployed.

Later in their career, SEALs receive advanced tactical training at the NSW Center in Coronado to help fine tune their special warfare skills. The training includes the SDV Pilot/Navigator Course, Advanced Combat-Swimmer Techniques and the Diving Supervisor Course. These skills enable

SEALs to train with foreign special forces units worldwide. Additionally, as a member of a mobile training team, SEALs teach these skills to military people of developing third world countries.

If you feel you're qualified to be a SEAL, see your career counselor or Command Master Chief. For more information on the NSW Program, contact Chief Radioman T. T. Ammen, the NSW In-Service Recruiter, by writing Naval Military Personnel Command (NMPC-401D), Washington, D.C. 20370-5000 or calling AUTOVON 224-1091, Commercial (202) 694-1091.

## FRA membership meets on Monday

Branch 95 of the Fleet Reserve Association will hold its regular meeting on Monday at 7:30 p.m. at the Chief Petty Officer's Mess. All active duty and retired Navy, Marine Corps and Coast Guard personnel are invited to attend.

Highlighting the evening's business will be nominations for branch officers for the 1986-87 year. In addition, the branch's 40th anniversary party (scheduled for March 15) will be discussed, and an update of the local segment of the Americanism essay contest will be discussed.



### Personnel Development Opportunity

#### WOMEN AS LEADERS IN THE WORKPLACE

24-26 March, Monday-Wednesday, 0800-1600, Training Center. By: Marion King-Drops.

Scope: This program takes a serious look at the concept of leadership in general and of women as leaders in particular. It focuses on assessing one's innate leadership abilities, making the choice for leadership in the workplace, and determining the tools for implementing the leadership role.

#### OUTLINE

Day 1. Self-Motivation Process

- Principles of motivation
- Motivation strategies
- Career planning
- Goal setting

Day 2. Understanding the Leadership Role

- Leadership traits
- Establishing a leader image

Day 3. Leadership Tools

- Managing by objectives: seeing the "big picture"
- Communicating effectively

Deadline: 5 March.

#### SPECIAL SESSION FOR SECNAVINST 5216.5C

6 March, Thursday, 0900-1100, Training Center. By: Odessa Newman, Code 0821.

Scope: This is a 2-hour session to answer special questions about the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. It will be open to technical writers, secretaries, and other clerical personnel, and will be conducted on a drop-in basis with no paperwork required.

Deadline: None. (Code 094)

#### MANAGERIAL SKILLS FOR NEW AND PROSPECTIVE MANAGERS

Continuous open enrollment, Learning Center.

Scope: This self-study course teaches new and prospective supervisors management skills and techniques necessary to function as a supervisor. Topics include your new role as manager, management styles, planning and organizing, control, delegation, decision making, managing time, understanding your subordinates, the innovative manager, how to write and read effectively, and conversational skills.

#### NEW VIDEO

#### STEPPING UP TO SUPERVISOR (3/4-inch UMATIC)

"Stepping up to Supervisor" deals with the issues new supervisors face as they assume different roles and functions. These issues include establishing authority over the work unit without over-controlling, giving orders to former co-workers, and obtaining the cooperation of peers. By following two new supervisors as they make this transition, new supervisors are alerted to mistakes commonly made during the early phases of a management career and offers strategies for avoiding these common pitfalls.

This 20-minute video is available for loan through the Audio Visual Library, Code 34501, ext. 1104. (Code 094)

#### CAL-STATE UNIVERSITY CHICO ADVISOR TO BE AT NWC

Dr. Orlando Madrigal of Cal-State University Chico will be at NWC on 7 March to advise current and prospective students in the external degree programs offered by the school. Cal-State Chico has external-degree programs in computer science at NWC that lead to bachelor's and master's degrees. To make an appointment to see Dr. Madrigal call Kelly Newton, ext 2648. (Code 094)

#### CAL-STATE CHICO COURSE

The following class is being offered this spring as part of the Cal-State Chico computer science external-degree program at NWC.

#### CSCI 376 THEORY OF INFORMATION RETRIEVAL (3 units)

19-20 April; 17-18 May; and 21-22 June; Saturday and Sunday, 0800-1600; Training Center. By: Professor George Arnovick.

Prerequisite: CSCI 172, Systems Architecture, or consent of instructor.

Scope: This course is a graduate seminar on the theory of information retrieval systems. The major problems of modern information storage and retrieval systems are presented and discussed. Various theoretical, as well as selected applied approaches, will be studied and likely solutions will be presented and analyzed.

Text: *Modern Information Retrieval Systems*. Gerald Salton, McGraw-Hill.

Note: This is a required class for the Master's Program in software engineering. For more information call Steve Lee, ext. 2468.

#### COMPUTER TIPS!

The following information was provided by Gary Thompson, Manager of Custom Technical Services, as a result of observations made while work was being performed under the current maintenance contracts for Apple and generic personal computers. These tips can save users time, money, and sometimes many hours of frustration.

**Tip #1** is for Macintosh users. Occasionally a disk will get stuck in the drive (either internal or external) and no special code or operator coaxing will get the disk out. However, there is a way. Find the small hole at the front of the drive on the right side just below the disk slot. Turn the power to the machine OFF. Straighten a paper clip and stick an end into the small hole and the disk will eject, even if the machine is turned off.

**Tip #2** is for people using one printer with two computers. The technique of using one printer with two computers is obviously very cost effective. It is usually done by connecting the two computers to a switching box called an A/B switch box. These boxes are available at your computer store in Warehouse 10. However, there is a caution that should be observed when you use them. The box actually disconnects one computer from the printer and then connects the other, and therein lies the problem. Connecting two electronic devices while both are powered up will cause the pins that are connected to go to the same electrical potential. This will happen instantaneously and sometimes will destroy the interface integrated circuit. The solution is to make sure that the printer is turned off before you switch to the other computer. (Code 1442)

### Upward Mobility Program planned

Upward Mobility is an Affirmative Action Program designed to help federal employees who are GS-9, equivalent, or lower grades who are dead-ended as far as promotion potential or who are underutilized in their current series with regard to their individual potential.

The Upward Mobility Program is currently being re-evaluated and re-structured at all Navy activities, which includes the Naval Weapons Center. It is anticipated that the new Upward Mobility program will be "up and running" at NWC by Spring of 1986. Its advent will be much heralded with all-hands notices as well as articles in the Rocketeer and the Blue Sheet.

If you are interested in Upward Mobility, there are several actions you can take pending the start of the new program. For example:

- (1) Start an evaluation of yourself, your goals (both personal and professional) and your career.
- (2) Get career counseling. Personnel Management Advisors (Code 096/097), Employee Development Specialists (Code 094), your code supervisors, as well as college counselors (CSU, CCCC) are all valuable resources in providing information on your career options in federal government and Naval Weapons Center.
- (3) Evaluate and re-write your Form 171. Take a generous amount of time to accomplish this. This is your marketing tool to sell yourself to a selecting official. If you would like further information, the training division (Code 094) and the Upward Mobility office (Code 093) can provide an academic planning booklet to help keep you on track.

### CSUN seeks instructor

Cal-State University Northridge is looking for an instructor to teach Engineering Dynamics this summer. Minimum academic background is a master's degree.

Anyone interested should send a resume to Steve Lee, Code 094, or call NWC ext. 2468.



### 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. 00-003, Laboratory Facilities Assistant, GS-303-4/5/6, Code 01A4** — This position is located in the Michelson/Lauritsen Laboratory Coordinator's Office, a staff function of the Deputy Technical Director. Incumbent provides administrative services in organizing and coordinating a variety of functions for the Laboratory Coordinator including initiating and resolving requests (with Laboratory Coordinator's assistance); scheduling of repair and maintenance; procurement requests. **Knowledge:** of physical and utility layout of Michelson/Lauritsen Laboratory Complex. **Skill:** in interfacing with the public dealing with various levels of Center Management. **Ability:** to work independently. Some overtime is required. Promotion potential to GS-6, but not guaranteed.

**No. 09-072, Clerk-Typist, GS-322-4, Employee Relations Clerk, GS-203-4/5, Code 091** — Incumbent provides clerical support to the Employee Relations and Labor Relations Programs. Program areas include: adverse actions, performance appraisals, grievances, labor relations, privacy act and indebtedness. Types letters, memos, reports, and NWC Instructions. Prepares correspondence and case files for hearings and record keeping purposes. Provides information to personnel specialists and assistants as well as employee outside the department. Responsible for the Division's files, records, and reference library. Maintains division's ADP discipline data base. Provides backup support for health benefits, life insurance, retirement and incentive awards programs. **Elements:** Ability to comprehend and apply regulatory information; to deal with all levels of employees; skill of a qualified typist. Promotion potential to GS-203-5 if filled at the GS-322/203-4 level.

**No. 14-005, Computer Clerk/Assistant, GS-335-4/5/6, Code 14111** — Incumbent will provide support and consultation to the customers of the PC Lab. Support includes coordination of vendor demonstrations of hardware and software, management of the PC Lab's software lending library, support of the contract specialist in the PC Lab, demonstration of personal computers on display in the PC Lab. **Knowledge:** Basic knowledge of personal computer systems; office procedures. **Abilities:** to deal with people at all levels, both orally and in writing. Promotion potential: GS-6.

**No. 14-006, Clerk-Typist, GS-322-2/3/4, Code 14** — This position will provide clerical support to the divisions of the Information Systems Group as well as to the department office based upon workload demands. The individual will fill in for other persons who are on leave, or will help out when other offices within Code 14 are experiencing heavy workloads. Persons interested in working less than full time or on intermittent basis are encouraged to apply as are those interested in full time work; the hours of work for this position are entirely flexible. **Knowledge:** of basic office

**No. 14-004, Interdisciplinary (ADP) Resources Manager/Computer Specialist/Management Analyst), DA-301/DS-334/DA-343-2/3, Code 1441** — This position is assistant to the Center Information Resources Manager. The incumbent performs technical reviews and evaluations of ADP requests, participates in the coordination and planning of Center ADP studies which affect short/long range technical strategy and policy, and assumes the duties of Information Resources Manager in his absence. **Knowledge:** of ADP processes. **Abilities:** to gather and analyze data; to interface with people at all levels. Current DP-3s may apply. Promotion potential to DP-3 is not guaranteed. Previous applicants need not reapply.

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procedures. Promotion potential: GS-4.

**No. 25-006, Shipment Clerk (Household Goods), GS-2135-4/5/6, Code 2531** — This position is located in the Supply Department, Quality Assurance Division, Code 253. The function of this position is to compile and process documents for the shipping and storage of household goods and personal property belonging to military and civilian DOD personnel. Incumbent conducts interviews to determine eligibility to ship at Government expense; provides counseling regarding entitlement and claims, and contracts for packing and crating of goods. **Abilities:** to use tact and diplomacy in dealing with both on and off Center personnel; ability to work well under pressure and adjust easily to organizational, program and procedural changes; and ability to work independently; ability to use and apply a variety of written manuals and instructions. Promotion potential to GS-6.

**No. 26-008, Pest Control Inspector, WG-5026-6/7/8, Code 2671** — Supplemental is required. The incumbent performs inspection of maintenance and service work including, but not limited to, pest and weed control and hazardous waste collection and disposal, as performed under contract. **Job Relevant Criteria:** Ability to inspect; technical practices; use of measuring instruments; ability to interpret instructions, specifications, etc. Knowledge of materials; ability to use and maintain tools and equipment; ability to work with others. Promotion potential to WG-8.

**No. 26-009, Insulator, WG-3610-8, Code 26434** — Supplemental required. Incumbent, under the supervision of a journeyman or supervisor, covers boilers, pipes, tanks, refrigeration units and other objects with a variety of insulating materials including cork, magnesite, spun glass and other insulating materials. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to read, interpret, and apply instructions, specifications, and blueprints used in the trade; ability to use and maintain tools, equipment, and materials used in the trade; ability to use measuring devices for determining where to cut, how to fit, how to work materials, etc.; ability to do the precise, theoretical, and/or artistic work of the trade. Incumbent will be participating in a formal development program leading to qualifications for assuming duties of a journeyman. Potential to WG-10; however, promotion is not guaranteed.

**No. 26-010, Facility Management Specialist, DA-1640-3, Code 26306** — This position is the Production Liaison Officer for the 06 Directorate, and reports directly to the Associate Department Head for Production, Code 26B. The incumbent's duties include providing the 06 Directorate with long and short range planning of Public Works support; maintaining communications of job status between Facility Contacts and PW principals; provides training to customers on how to best achieve PW support; provide special management support to Code 26B as required; and coordinate indefinite quantity contract scheduling. **Job Relevant Criteria:** Knowledge of Public Works maintenance and support operations; general knowledge of building fire and safety codes; practical knowledge of construction trades and skills; the ability to work independently; ability to communicate both orally and in writing and have good interpersonal skills.

**No. 26-005, Computer Programmer, DS-334-2/3, Code 26022** — This position is located in the Computer Information Support Office. Incumbent will be responsible for data bases resident on the UNIVAC in S2K. The primary responsibility will be to assist the customers in obtaining ad hoc reports and to maintain existing programs and data bases. The incumbent will also train to use the data base software, SMARTSTAR, that will be on the Public

Works VAX. The incumbent will develop data bases for the Department using SMARTSTAR. **Job Relevant Criteria: Knowledge:** S2K query language, data structures and associated report writer and PLEX programming capabilities; of VAX/VMX desirable, but not mandatory. **Abilities:** to use S2K for programming and use S2K report writer; to communicate effectively with individuals at all organization levels both orally and in writing; to plan, organize, and coordinate complex data base projects; to work effectively in a team environment; to work under pressure. Environment: to use tact and diplomacy in dealing with both on and off Center personnel; ability to work well under pressure and adjust easily to organizational, program and procedural changes; and ability to work independently; ability to use and apply a variety of written manuals and instructions. Promotion potential to GS-6.

**No. 31-115, Program Analyst, DA-345-2/3, Code 3106** — Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class task for cost, schedule and task analysis of all participating field activities supporting A-6, and prepares recommendations and status summaries. **Elements:** Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and NAVY Field Laboratories; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to communicate and report budgetary and technical data accurately and effectively. Promotion potential to DA-3.

**No. 31-116, Computer Specialist, DS-334-1, Code 3192** — Position will be that of engineering assistant to the performing engineers of the branch. Assistance will be provided to engineers in software development activities on the SEL and VAX computers. Assistance will be provided in the form of software documentation updates and configuration management. Position may require modification of existing FORTRAN programs. Incumbent will also be expected to become cognizant of the branch IBM PC databases. **Elements:** Experience with VAX, SEL, IBM PC, and Xerox Star. Knowledge of basic computer peripherals; ability to communicate well both orally and in writing. Promotion potential DS-3.

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