

**BEST FRIENDS** — While Terrie Daley Owens looks on, actors Norm Ponder and Luie Trudy begin a "friendly discussion" in a scene from "California Suite," an adult comedy written by Neil Simon. The play, the current presentation by the China Lake Players, will be seen tonight, tomorrow night, and March 28, 29, and 30. — PHOTO BY BRUCE S. BROWN

### China Lake players production of 'California Suite' continues run

Another showing of "California Suite," the latest play offered by the China Lake Players, begins at 7:30 p.m. at the Playhouse, located at the corner of Lauritsen Road and Blandy Avenue.

The actors and actresses are scheduled for seven performances of the Neil Simon comedy, directed locally by Reno Venturi.

Tickets prices are \$3.50 for general admission and \$2.50 for students, senior citizens, and active duty enlisted military personnel.

Reservations are necessary to attend the play and can be arranged by phoning 375-4001. Remaining dates for the play are tonight, tomorrow and March 28, 29, and 30.

Leading layers are Pamela Hathorn, portraying Hannah Warren; Norm Ponder, as Billy Warren, Hannah's husband; Fred Stahlman, as Marvin Michaels; Judy Vuono, as Millie Michaels, Marvin's wife; Donna Savage, filling two roles as Bunny and Gert Franklin; Sarah Hetrick, as Diano Nichols; Thom Woodall, as Sidney Nichols, Dianna's husband; Terrie Daley Owens, as Beth Hollander; and Luie Trudy, as Stu Franklin.

### Sea World admission charges discounted for DOD personnel

This Easter holiday members of the military and their families may enjoy a special 30 percent discount on admission to Sea World of San Diego, located on Mission Bay.

Beginning March 30 and continuing through April 14 all active duty or retired military personnel and their dependents will be given a special discount admission of \$9.05 for adults and \$6.95 for children.

These special prices also apply to DOD employees and their dependents.

The special prices are offered through discount coupons which can be picked up at Recreation Services' Information, Ticket, and Tours Office, located at the Community Center.

Discount coupons will not be available at Sea World.

Sea World is open daily from 9 a.m. to dusk and is located off Interstate 5 on Sea World Drive. More information can be obtained by phoning (619) 224-3562.

### History buffs can see reenactments at Living Museum

The California Living Museum, located on the Alfred Harrell Highway near Bakersfield, is open every day from 8:30 a.m. to 4 p.m.

The museum recreates California native American culture with reenactments by museum personnel of what daily life must have been in a Indian village.

The admission cost for visiting the museum is \$2.50 for adults, \$2 for senior citizens, \$1.50 for children over 6 years old, and free for toddlers 5 years old and younger.

### Weekend Roundup

The Enlisted Mess will have entertainment tonight with "Message," a variety combo from out of town. The group will perform from 9 p.m. until 1:30 a.m. following a dinner special of large shrimp served from 6 to 9 p.m.

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The first fifty patrons of the Center theater tonight will win free bumper stickers for attending the showing of "The Terminator."

### Kenneth Mundy to perform with Desert Community Orchestra Sun.

The Desert Community Orchestra will present a concert Sunday, March 24 at 3 p.m. in the NWC theater.

Kenneth Mundy, principal bassoonist with the Los Angeles Chamber Orchestra, will perform a solo piece for bassoon composed by Mozart. The piece is entitled "Concert in B Flat, K. 191."

Mundy is well-known throughout the U.S. as a chamber music recitalist, specialist in Baroque music, and an exponent of the solo bassoon repertoire.

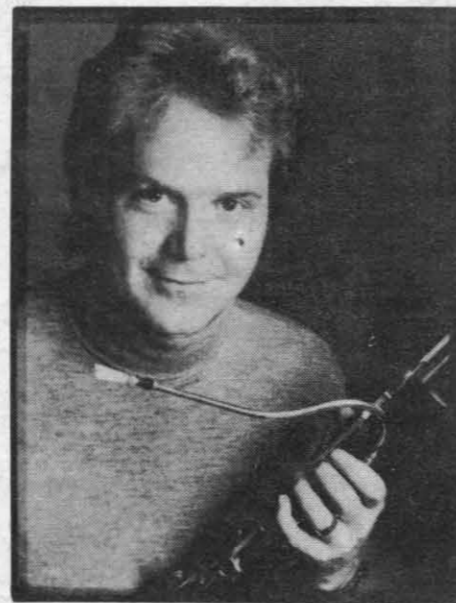
He has been a member of the Los Angeles Chamber Orchestra (LACO) since 1976 and has appeared several times as a soloist with the ensemble.

Mundy has also performed as a soloist with orchestras in New England, California, and Hong Kong. He has participated in numerous musical festivals notably the Marlboro Music Festival, the International Bach Akademie in Stuttgart, West Germany, and the Oregon Bach Festival.

The soloist has also been a member of Musical Offering, a baroque music ensemble that has appeared at Carnegie Recital Hall and the Library of Congress.

The musician has recorded an album of Richard Strauss' "Duet Concertino" with the LACO under the direction of Gerard Schwartz. He has also recorded three albums with Musical Offering.

A graduate of the California Institute of the Arts, he served on the faculties of the University of Redlands, Ambassador College, Cal State University at Long Beach,



Kenneth Mundy

### Children's Hospital of Los Angeles provides specialized health care

Providing specialized health and medical care to children throughout the area who need such care is the Children's Hospital of Los Angeles, a member agency of the United Way of Indian Wells Valley. It receives only those moneys from the United Way directly designated to it by UW donors.

The hospital is located in Los Angeles at the corner of Sunset Boulevard and Vermont Avenue, and is affiliated with the University of Southern California School of Medicine. Each year more than 11,000 children receive in-patient care, and an additional 100,000 use its specialized services on an out-patient basis.

Infants and children with difficult diagnostic problems and obscure diseases are referred to Childrens Hospital from all parts of the west, and often from throughout the United States and from other nations.

About 650 pediatric medical, surgical and dental specialists serve on its staff, with more than 100 of these being full-time staff. Over 500 nurses are at Childrens Hospital, which is affiliated with 12 nursing schools that send students for specialized training.

Each year a number of local children are referred to Childrens Hospital to receive its specialized medical care.

### Historical Society holds 1st meeting at museum Thursday

The first organizational meeting of the Historical Society of the Upper Mojave Desert (HSUMD) will be next Thursday, beginning at 7 p.m. in the Sylvia Winslow Gallery of the Maturango Museum. The public is invited to attend.

The society intends to utilize and expand the historical collection already in possession of the local museum.

As its first activity the society intends to collect, record and publish a factual history of the area.

The HSUMD also intends to preserve local buildings of historical interest and to spread an appreciation of historical values. More information can be obtained by phoning the museum at 446-6900.

### Young people sought to raise puppies for blind guide dogs

Guide Dogs for the Blind, Inc. is seeking young people, 9 to 19 years of age, to be a part of their western region puppy raising program, sponsored under the direction of the 4-H youth program.

The puppies, Labrador Retriever, Golden Retriever, or German Shepherd, are placed in volunteer homes for a 15-month period.

For more information interested persons can contact Bob Fowler at 375-5101 after 5 p.m.

### HARM sets milestone in January

The High Speed Anti-radiation Missile (HARM) program achieved another major milestone on January 25: the first firing of HARM from a fleet-configured A-7E aircraft by a fleet pilot at the NWC test ranges.

Although more than 60 HARM weapons were fired during the development and operational evaluation, all of the pilots firing the systems were either NWC or Air Test and Evaluation Squadron Five (VX-5) pilots.

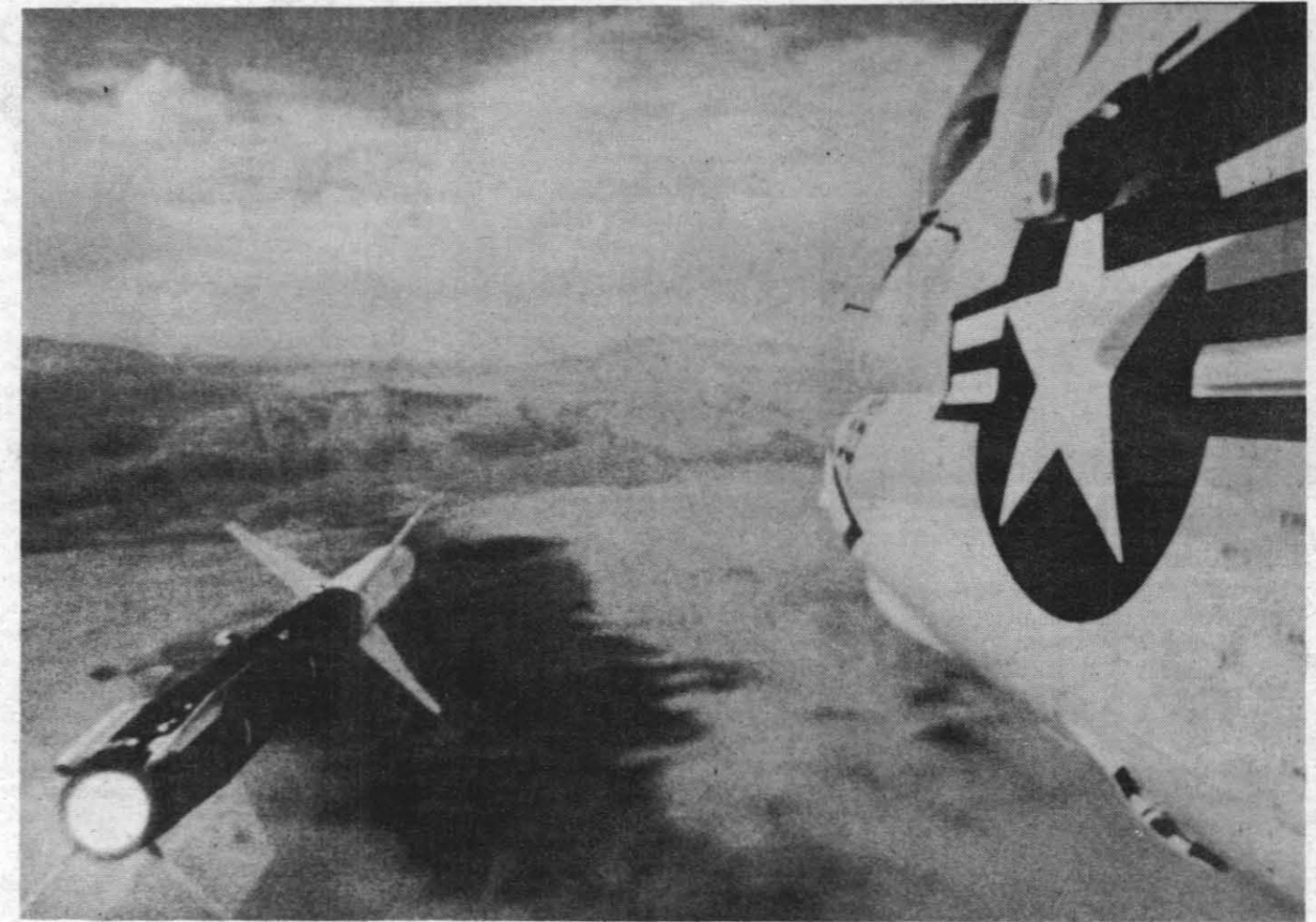
The January firing was by LCdr. John Parker of VA-83, which is based at NAS Cecil Field, Florida.

VA-83 is one of four A-7E squadrons that have the HARM weapon system. The first fleet deployment of the system was in January of 1984. A total of eight fleet firings per year are planned so that those who are potential users of HARM will have the opportunity to test fire the missile prior to deployment.

Prior to fleet firings, the missile is shipped from the squadron to China Lake so that the warhead can be replaced by a telemetry section that has command destruct capability.

The fleet users establish the launch parameters and target mode for the firings.

(Continued on Page 2)



**ON ITS WAY** — A High Speed Anti-radiation Missile missile like this recently had its first fleet firing over fired from an A-7 aircraft speeds toward its target. A NWC ranges.

**NWC Rocketeer** 

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL No. 12 / March 22, 1985

### OPF work brings TD award to Bill Dykema

The outstanding contributions made by William B. Dykema to the operational flight programs (OPF) for the A-6 aircraft resulted in his being presented the Technical Director Award last week.

Dykema is the Senior Software Engineer in the A-6 Projects Branch, Systems Engineering Division, Aircraft Weapons Integration Department. He has provided the primary thrust and development for A-6 aircraft OPFs since 1977, when the OPF development responsibility was transferred to NWC from the Naval Surface Weapon Center, Dahlgren, Virginia.

As Burrell Hays, NWC Technical Director, presented the engraved paperweight, citation and stipend that comprise the award, he told Dykema that "This is an outstanding technical accomplishment in that it is the first OPF produced by NWC. I'm told that it only happened because of your leadership."

The nomination, written by Dr. E. K. Kutchma, head of the Aircraft Weapons In-

tegration Department, notes that the A-6E aircraft navigation and weapon delivery system is a highly sophisticated, complex, integrated avionics system incorporating a digital computer for navigation and accurate all weather weapon delivery.

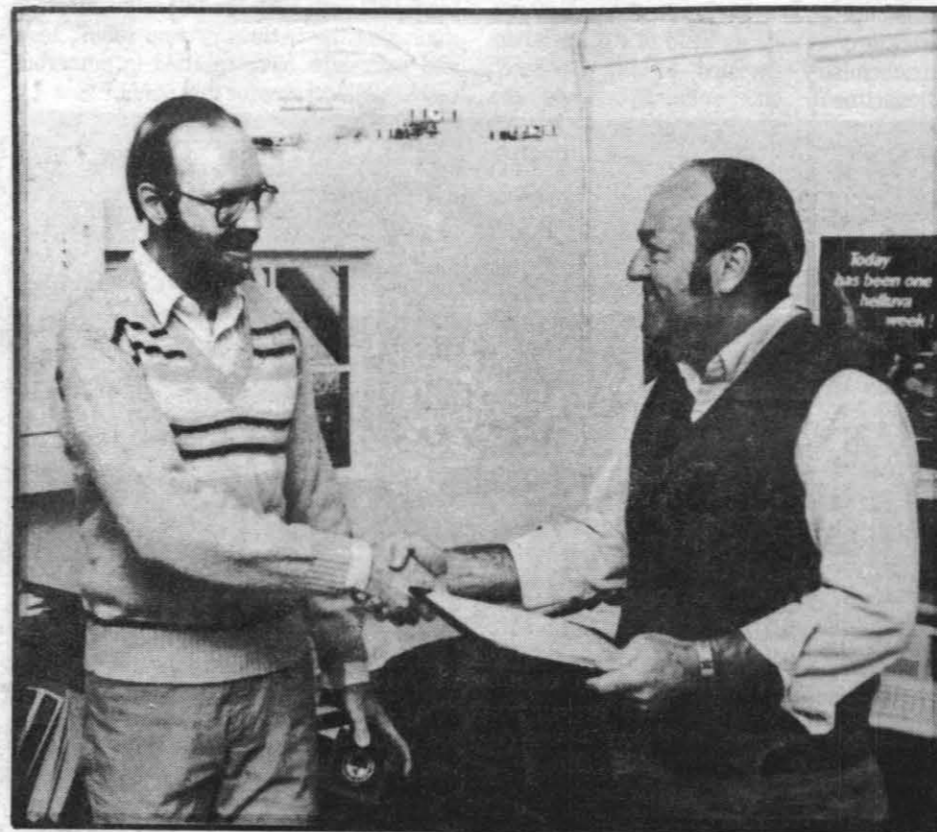
The original OPF was developed in the 1960s and was revised extensively before development responsibility was transferred to NWC in 1977, with inadequate documentation for many of the revisions. A maximum effort and a strong dedication was required to learn the program and apply this knowledge to the development of new capabilities, according to Dr. Kutchma's letter of nomination.

Dykema's detailed knowledge and full understanding of the operational use of the A-6E aircraft combined with his flexibility and innovative outlook in adopting improved software engineering methods makes possible his success with current work on a new program that will add another 19 changes to the 66 already made in the OPF.

Many of the changes are highly complex and require detailed understanding of both operational requirements and technical implementation. Again, the nomination notes, the knowledge and leadership provided by Dykema are responsible for the progress being made. This expertise results in his being frequently consulted by the Naval Air Systems Command, A-6 officers in the Fleet, and the prime contractor, Grumman Aerospace Corporation.

Dykema commented that while he was both very pleased and very surprised at being presented the Technical Director's Award, he felt that the work could not have been accomplished without the efforts of all those working on the A-6E software. "It was really a team accomplishment," he said.

As Capt. K. A. Dickerson, NWC Commander, congratulated Dykema, he added, "We can use your skills for work that we know will be coming to the Center."



**ACCOMPLISHMENTS NOTED** — Bill Dykema accepts congratulations from Burrell Hays, NWC Technical Director, as Hays presents him with the Technical Director's Award for his outstanding contributions to the operational flight program for the A-6 aircraft.

### Technology Base Director focuses the work of 600

The Office of the Technology Base Director will gather and focus the work of the nearly 600 people working on technology base at China Lake, Burrell Hays, NWC Technical Director, told technology base managers and supervisors at a recent meeting.

"We've been doing good scientific work, but it has not always been coordinated for a given product area. By focusing our work and becoming more systems oriented, we can better use the 6.1 (research), 6.2 (exploratory development), and 6.3A (advanced technology demonstration) funding we receive."

Hays continued, "I believe we have tremendous technology base capability, and I don't want to displace the excellent entrepreneurship our scientists and engineers have, but the new organization will help us be more efficient in usage of their results. It will result in fewer people having to sell their programs to sponsors and will allow the scientists and engineers to spend more of their time at their laboratories and workbenches."

Dr. Ed Royce has been appointed to Technology Base Director — Code 01T — and will report directly and regularly to Hays.

The function of his office, Dr. Royce says, (Continued on Page 3)





**Divine Services**  
PROTESTANT

SUNDAY WORSHIP SERVICE	10 a.m.
SUNDAY SCHOOL (Annexes 1, 2 and 4)	8:30 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m. (Nursery provided)	
Wednesday 11:30 a.m.	
Thursday 7 p.m. Officer's Christian Military Fellowship Christian Military Fellowship	
<b>ROMAN CATHOLIC</b>	
SUNDAY MASS	8:30 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday)	10 a.m.
<b>JEWISH</b>	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturdays, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sundays, Annex 95)	9 a.m.
Chaplain J. Milton Collins, Capt., CHC, USN Chaplain A. J. Smith, Cdr., CHC, USN Chaplain Jason E. Knott, Lt., CHC, USN Phone, NWC ext. 3506, 3507	

**Watch out for unexploded ordnance**

Because much of the Mojave Desert, in addition to the NWC ranges, has been used for training by the military, dating back to World War II, unexploded ammunition and other hazards can still be found on occasion.

A State Department of Fish and Game volunteer recently found a 37-millimeter armor-piercing shell in the San Bernardino County desert area.

County Sheriff's deputies said the volun-

teer knew just what to do; he notified law enforcement officials who got in touch with explosive ordnance disposal people at Fort Irwin. They commended the volunteer for his action, noting that it was important not to touch or move a possible explosive if one is found.

Deputies stressed the importance of not disturbing items that look like explosives; they can be deadly.

**JANNAF Propulsion Committee honors 2 China Lakers**

The Joint Army-Navy-NASA-Air Force (JANNAF) Interagency Propulsion Committee honored the Naval Weapons Center by awarding their Certificate of Recognition to two senior Center scientists: Dr. Ronald Derr and Dr. Albert Lepie.

At a surprise ceremony conducted Tuesday afternoon in Room 1000D of Michelson Laboratory (the recipients had been told that they would hear a technical discussion on insensitive explosives), Capt. K. A. Dickerson, NWC Commander, presented the two men with their Certificates of Recognition. At the presentation were personnel from throughout the technical community.

The Skipper noted that these awards are the highest form of recognition that JANNAF bestows on individuals, making the award a true honor for the recipients.

He added that "I believe that it is important to make this presentation in the presence of their co-workers for two

reasons. First, it will mean much more to the recipients, and second, I also know that each of you has contributed in some way to their success."

Capt. Dickerson called the two recipients forward to receive the plaque and letter comprising the award, which he presented on behalf of Dr. William D. Stephens, US Army Missile Command, the JANNAF Executive Committee Chairman.

Dr. Derr said that working with JANNAF was truly a labor of love because most of the time spent on JANNAF business was on weekends and after hours rather than during normal working hours. He feels that JANNAF is very important because it brings together the research and development personnel, such as, at NWC, the Research Department and the Ordnance Systems Department.

Dr. Lepie agreed with Dr. Derr that he was deeply honored by the presentation of the award.

**Tax credits possible for child care expenditures**

WASHINGTON (NES) — If you pay someone to care for your child or disabled dependent while you work or look for work, you might qualify for a special tax credit, according to the Internal Revenue Service. The child and disabled dependent care credit may be taken for payment to babysitters, day-care centers and certain relatives.

The credit is available to married couples who work part time or full time and who file jointly. If one spouse works full time and the other spouse works part time, or is a full-time student or is disabled, they are eligible for the credit.

The credit may also apply to a divorced or separated parent who has custody of a child who is under 13, or who is physically or mentally incapable of self-care, even though the parent might not be entitled to dependency exemption for the child. The parent claiming the credit must have custody of the child for a longer period during the tax year than the other parent. A married person living apart from his or her spouse is eligible for the credit if the spouse was absent for the last six months of the taxable year.

**QUALIFICATIONS LISTED**

To qualify for the child and disabled dependent care credit, a taxpayer must have been employed or in search of employment when the expense for the child's or disabled dependent's care was incurred. The taxpayer also must have paid more than one-half the cost of maintaining his or her household, which included a dependent child under 15 years of age, or a spouse or dependent who is mentally or physically incapable of self-care.

The credit is from 20 to 30 percent of eligible expenses, depending on the taxpayer's adjusted gross income. The maximum credit that may be taken is \$720 for one qualifying person and \$1,440 for two or more qualifying people.

To claim the credit, taxpayers can file Form 1040A, using the worksheet in the Form 1040A tax package to compute the amount of the credit. Taxpayers who file Form 1040A may also claim the credit,

even if they don't itemize deductions. These taxpayers compute the credit on Form 2441, "Credit for Child and Dependent Care Expenses," and attach this form to Form 1040.

Additional information is available in IRS Publication 503, "Child and Dependent Care Credit, and Employment Taxes for Household Employers," which may be obtained by filling out the order blank in the tax package or by calling the IRS Forms/Tax information number.

**Military Engineers Society to receive charter at meeting**

The High Desert Post of the Society of American Military Engineers (SAME) will officially commemorate the installation of its charter at a luncheon meeting set for March 28 at 11:30 a.m. in the Chart Room of the Commissioned Officers Mess.

The official charter will be presented by Commodore B. F. Montoya, Commanding Officer of the Western Division, Naval Facilities Engineering Command in San Bruno, Calif.

Membership of the society is diverse and is comprised of civilian engineers in private practice, government service, industry, or education; military officers serving in the engineer services (active duty or retired); engineering technicians who have been part of the engineering field for at least two years; undergraduate engineering students; and individuals who have demonstrated an interest in military engineering affairs and in preparedness for national defense and any corporation or organization interested in advancing knowledge of the science of military engineering.

Such interest would entitle the individual or organization to membership in SAME as a sustaining member.

More information can be obtained by phoning LCdr. Jim Bullock at NWC ext. 3411x449 (Code 262).

Dr. Derr has headed numerous groups and panels for the JANNAF Combustion Subcommittee during the 15 years that he has served in that organization. He is currently Chairman of the Subcommittee, a position that he held previously from 1975 through 1977.

Holder of a doctorate in mechanical engineering, Dr. Derr joined the Center's workforce in 1973 as head of the Aerothermochemistry Division of the Research Department, and currently heads the Engineering Sciences Division of that department.

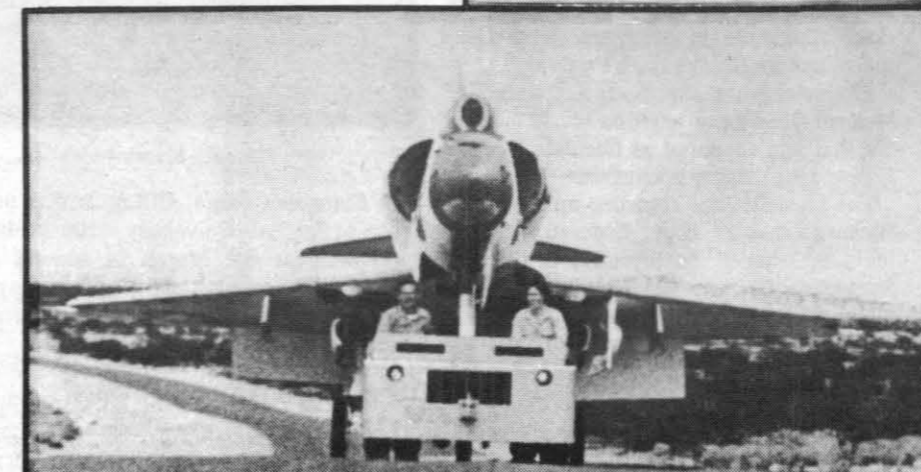
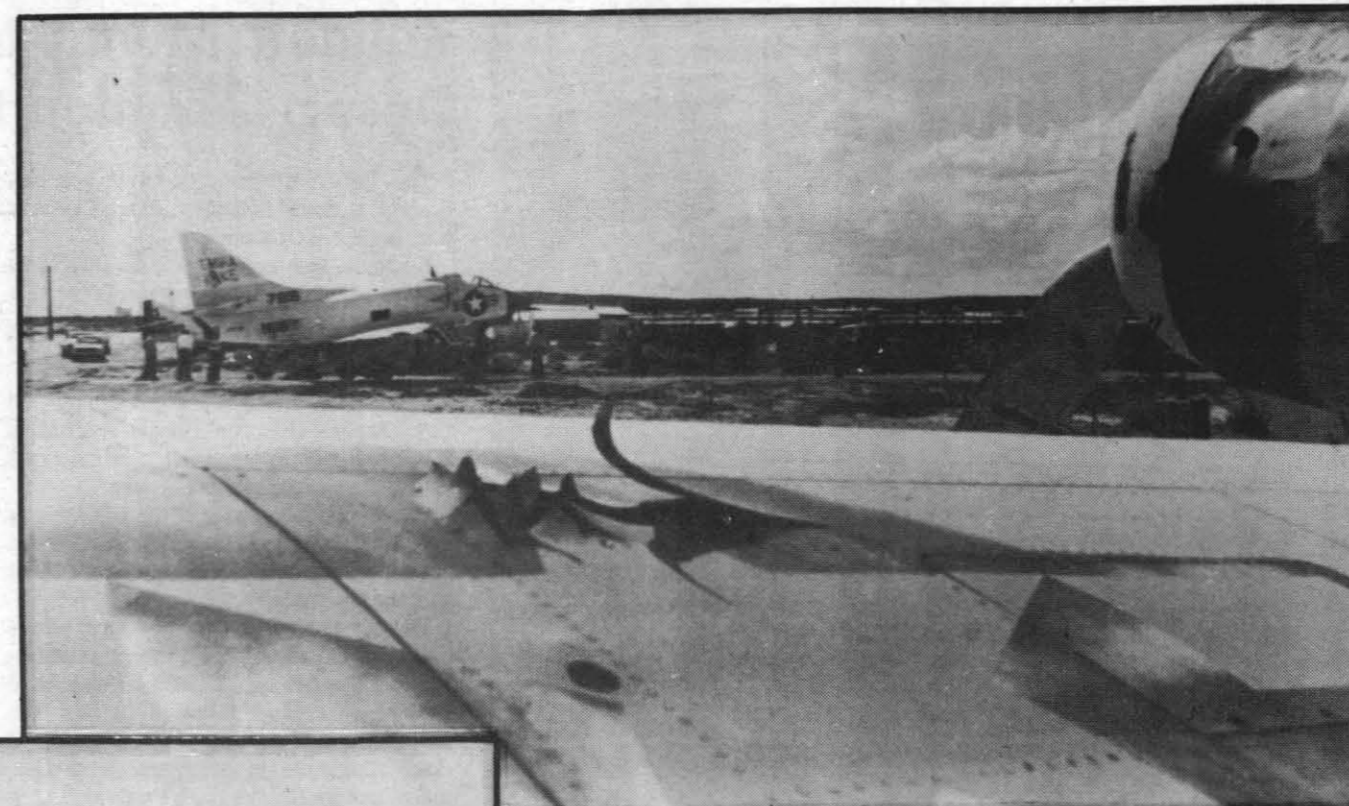
He is the recipient of the Center's highest award, the L. T. E. Thompson Award, and also has been previous recipient of the Certificate of Recognition from JANNAF.

His contributions to JANNAF include chairing the Material Properties Panel from 1977 until 1984. His intensive efforts in managing the various "round robin" tests and workshops have resulted in numerous technical successes for that panel.



**YEARS OF WORK APPRECIATED** — Holding the Certificates of Recognition from the Joint-Army-Navy-NASA-Air Force Interagency Propulsion Committee are Dr. Albert Lepie and Dr. Ron Derr. Capt. K. A. Dickerson, NWC Commander, presented the JANNAF certificates on behalf of Dr. William Stevens, US Army Missile Command.

**Move 'em say reserves**



**MOVING DAY** — Personnel from NWC's Reserve Support Unit had their hands full Saturday moving aircraft. They got what they think is the second A-4 ever build, moved from Salt Wells to Gun Butts as part of an aircraft renovation project. Lt. Lee Phillips coordinated the work. AMS3 Sue Risley, AMS1 Theron Day and AD3 James Crocker are seen in the lower photo removing tires from an A-1E Skyraider for use on the AD-4 in the upper photo.



Photos by PH2 Rick Moore

Personnel from NWC's Reserve Support Unit 0176 have taken on tasks of moving several vintage aircraft out of the Salt Wells area to start a process of renovation.

Lt. Lee Phillips, project officer for the effort, says the reserves will be able to gain experience on a variety of aircraft, thanks to the program.

Currently they have the only intact F-111B remaining in the Navy inventory, several A-4 Skyhawks, an A-1E Skyraider, an AD-4 Skyraider and an F-9 Panther.

Some of these aircraft have been moved to Gun Butts area and the others will be moved from Salt Wells as quickly as the reserves can get them ready.

It is a case of digging the landing gear out of deep sand, sometimes finding a tire and wheel assembly to replace what the desert has decayed, and of maneuvering the aircraft through the streets to the Gun Butts.

Lt. Phillips noted the Reserve Support Unit has tackled this task for the training value and experience it provides.

Some of the aircraft they feel can be restored to flying condition. The F-111B, for

example, is in excellent condition for having spent several years exposed to desert elements. It needs engines and a good cleaning to start with.

Reservists will start building log books for documentation of their work on the various aircraft, again for the experience it will give them in the field.

It's a slow process because the unit meets for only one drill weekend a month.

The March drill weekend, for example, found them moving the third A-4 out of Salt Wells.

Using an old armored personnel carrier they have previously restored, Lt. Phillips said the reserves pulled the Skyhawk, they think the second A-4 ever made, out of the desert and parked it with the others they have begun work on.

They still have to finish digging out the AD-4 and F-9 before these aircraft can be hauled out of the desert and put to a new use at NWC.

These are long-range goals for NWC's reserves, but the personnel assigned have pitched in with enthusiasm to benefit from the experience the project can build.



**NWC Rocketeer**

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## Sports

### Scorpions overcome edge by Redlands for triumph

Soccer action last weekend found the Scorpions under 19 Club coming from behind for a 2-1 triumph against Redlands United on Saturday.

The victory kept the Scorpions undefeated in Inland Empire Youth Soccer League action. They tied Palm Springs in their first outing of this season.

Despite a slow start, the Scorpions managed to hold Redlands to a single goal. The visitors won several balls in various areas of the field during early going.

Redlands moved in for a goal after just five minutes of play. From that point on,

### Anglers find hungry trout

By Mike Vradenburg

Trout fishing in the lake is good. Anglers are most successful fishing Kissack Cove, Main Dam, Auxiliary Dam, the end of Evans Road, and from Piney Point to Paradise Cove.

Most of the trout being caught are 1 to 2 lb. stocked trout. Planted trout remain in schools, and swim along shore in 6 to 10 feet of water.

The trout will slowly swim back and forth from one point to the other. The stocked trout swim in the same pattern, and feed throughout the day.

Fish will pickup baits floating off the bottom faster than baits lying on the bottom. Most anglers have observed this, and use the marshmallow/red salmon egg combination, and nightcrawlers shot with air.

Split shots are placed 18 inches up the line, and, when cast, the bait floats off the bottom. Bass fishing was slow last week, but a few good size fish were caught.

Persistent anglers are catching Brown Bullhead and White Catfish in the South Lake area.

solid play by the Scorpions keyed the comeback.

At the 38-minute mark Paul Leles moved the home team into a tie. Bill Hugo fed the ball to him from left wing, Leles received it about 15 yards in front of goal, exploded to his right and shot back to the left goalpost to score.

Seventy-two minutes into the 90-minute contest, Scott Piri passed upfield to a charging Bill Hugo who chipped the ball over the Redlands' goalie just inside right goal post to set up the Scorpions' victory.

Coaches felt this was an important win, psychologically, after blowing a lead the previous week and settling for a 2-2 tie. The comeback showed the Scorpions can go the full 90 minutes for victory.

Midfield play was a key to the victory this time out. Strong performances from Scott Hannon and Bill Ledden were an important part of the win. Piri had another good outing while Sam Greenmun was credited with a lot of hustle on defense and skill on the attack.

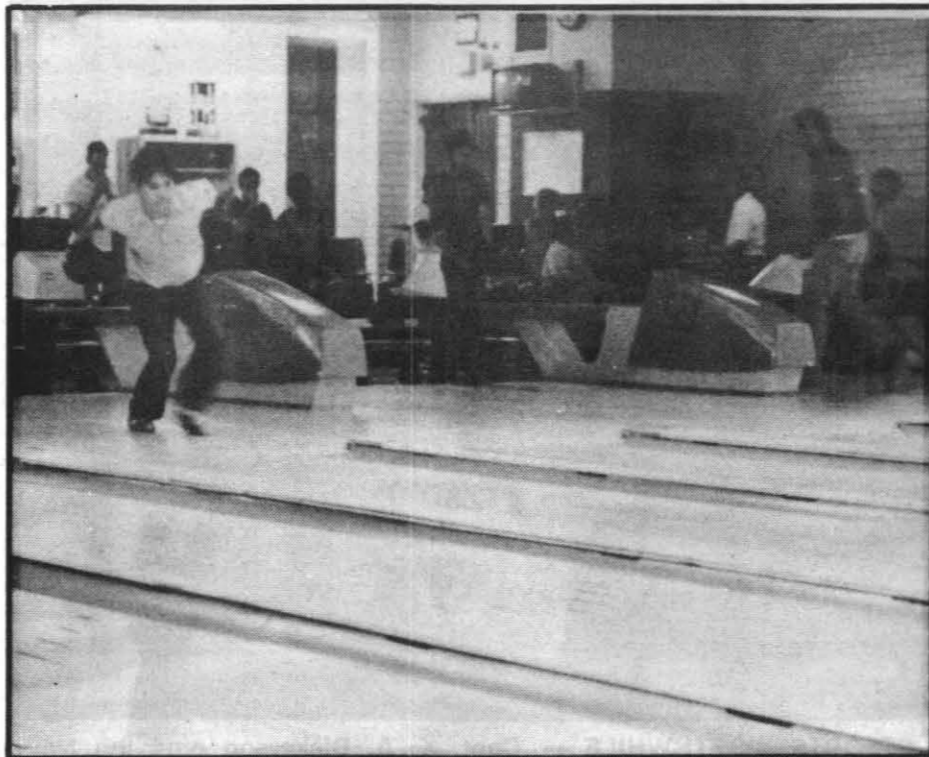
Tomorrow's (Saturday's) outing should be a good test of the Scorpions in league competition. They travel to San Bernardino and will square off against the Cosmos, 3 p.m. at Aeroview Field.

Fifteen and under Scorpion soccer players were blanked in their second outing of the spring season, 4-0, by the Riverside Soccer Devils.

Playing at Murray Junior High, the Riverside squad had a 3-0 lead at the half. The Scorpions had few close scoring opportunities as they attempted to come back.

Coach John Piri credited Tom and Jim Caves, Scott Hamilton and Jason Okamoto for strong individual efforts.

The Scorpions play at Fontana tomorrow (Saturday) at 10:30 a.m. against the America Soccer Club.



COMMANDER'S CUP — NWC Gold bowlers whipped the keggers from NWC Blue and VX-5 in the March Commander's Cup competition.

### NWC Gold bowlers grab easy victory in competition

NWC Gold rolled to a nearly 200-pin victory in Commanders Cup bowling competition this week.

The eight-person NWC Gold squad amassed a 7,604 pin total compared to 7,428 for second place VX-5, while NWC Blue counted 6,712 total pins.

With a solid 1,172 six-game total, Leonardo Gatchalian paced the NWC Gold keggers. The winners represent all NWC departments except the Aircraft Department which is NWC Blue.

Randy Antazo added a 1,060 score while the third best total for the winners came from Larry Nolan with a 995 total.

Jay Secor of VX-5 was high individual with a 1,195 total, the only VX-5 bowler to break the 1,000 pin barrier. Don Berry was second for VX-5 with 976 pins and Dave Hays rolled a 940 total.

Dave Reimers paced NWC Blue with a 1,134 total with Dave Galt rolling a 979 and Chris Marcus added a 886 total. Reimers added the high game of the day with a 244 and added a 222 later.

Leonardo Gatchalian had the only 200 games from NWC Gold with a 233, 226 and a 207. He also rolled at 621 series, second best of the day behind Secor's 622. Secor of VX-5 had games of 236 and 202 en route to his top series showing.

VX-5: Cindy Langford, 888; Greg Tedder, 778; Tim Seltzer, 814; Jay Secor, 1,195; Dave Hayes, 940; Don Berry, 976; D. Vanness, 931; Jim Pierson, 906.

NWC Gold: Randy Antazo, 1,060; Gatchalian, 1,172; Larry Nolan, 995; Bob Corde, 988; Ed Sisocon, 986; Marty VanderKamp, 606; Stu Caldwell, 849; George Huggins, 948.

NWC Blue: Benjie Bondoc, 707; Tim Shannon, 774; Dave Galt, 979; Chris Marcus, 886; Tony Bookout, 848; Dave Reimers, 1,134.

### Elks recapture lead in Scratch league

Elks Lodge bowlers moved back into first place with a strong showing against Cal Gas in the Premier Scratch Bowling League this week.

With a 352½-297½ record, the Elks hold a 2½-game lead over Cal Gas and a 7-game edge against the third place Thrifty Wash keggers.

Don Watson's 626 series led individual bowlers, while Mike Good rolled a 623 series. Gary Paulson and Dick Reymare had series of 606 and 604 respectively.

With a 246 game Gary Bartlett led the pack. Reymare had a 233 game while Chuck Oldfield rolled at 227. Watson and Good had 224s while Jim Dillon had a 222 and James McClellan and Gary Paulson 220s.

### Track club prepares for a free ridge run

The Over The Hill Track Club will hold a 15 kilometer (9.3 miles) cross country run on Saturday, March 30. The run will begin at the east end of Cerro Coso College parking lot, go up over the ridge south of the college, loop around to the east and finish at Cerro Coso.

There is no entry fee and no awards will be presented. The run is open to everyone. Those not members of the OTHTC can sign an insurance waiver to participate. Signups begin at 8 a.m., with the run starting at 9 a.m.

the two teams. The Ridgecrest-based Scorpions took a 2-1 win. The team plays San Bernardino next.

— Photos by Steve Boster



COLLISION TIME — Redlands' goalie (left) is about to collide with a member of the Scorpions Soccer Club during the early going of Saturday's match between



## The Skipper Sez...

### QUESTION

Civilian Employee — I've noticed a large number of forklift pallets accumulating at the Navy Printing Office and other places around the Center. If these pallets were systematically picked up, it would avoid the problem of having a great many broken pallets laying around.

We could have the contractor, after he drops his load off, pick up a stack to take back with him, rather than pay for a load of pallets each time they make a delivery. It would be cost saving and we could get rid of a lot of these pallet accumulations.

Thank you for taking the time to listen and answer these inquiries and to pursue solutions problems around the Center.

### ANSWER

Most pallets used on the center belong to the government or a contractor doing work on the Center. The Supply Operations Contractor (Pan Am) will pick up empty pallets if notified they are available by a call to NWC ext. 2227. A periodic reminder of this information will be run in the NWC Announcements. It should be noted, in response to the suggestion that contractors be given a stack of pallets to save costs for next delivery, that contractors selling us material rarely deliver it; shipping companies deliver most items and we would not want to give them pallets. Supply (Pan Am) usually puts more material on their pallets, after receipt, for delivery to Center customers. Thanks for your concern.

### QUESTION

Civilian Employee — I was wondering why they changed the format of the NWC Announcements. Since we don't get the Rocketeer very often, it was kind of handy to get those things. The secretary would tape the Announcements on the wall, and you'd turn them up and the print on the backside would be right side up. Now you turn them over, and nobody reads the back side anymore.

### ANSWER

The change from "head-to-foot" to "head-to-head" printing of the NWC Announcements was for the convenience of the reader. Prior to making the change, TID conducted a limited survey to determine how the Announcements were being circulated. This survey indicated that the Announcements were routed, tacked to a bulletin board, or put into a 3-ring binder. After the change, the Announcements editor ran several articles asking for feedback. Only one group was strongly against the change — a group that had been using an "arch wire" to post the Announcements. The majority of the feedback strongly supported the change; therefore, head-to-head printing has continued despite the small inconvenience to some readers.

All China Laker, 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.

## High Desert Military honored tomorrow

Gerald H. Turley, Deputy Assistant Secretary of Defense for Guard/Reserve Readiness and Training, will be the guest speaker at the High Desert Military Person of the Year banquet to be held tomorrow evening at the Marine Corps Logistic Supply Base in Barstow.

The banquet, sponsored by the Civilian/Military Affairs Council, honors enlisted personnel from NWC; Edwards and George Air Force Bases; Air Force Plant 42; the Army National Training Center, Fort Irwin; and the Marine Corps Logistic Supply Base.

The China Lake nominee for the award, which honors an E-4 or below, is AZ3 Cynthia Langford from Air Test and Evaluation Squadron Five. Petty Officer Langford, who is the daughter of a retired Air Force master sergeant, has been in the Navy for a little over two years and has been at VX-5 since April 1983.

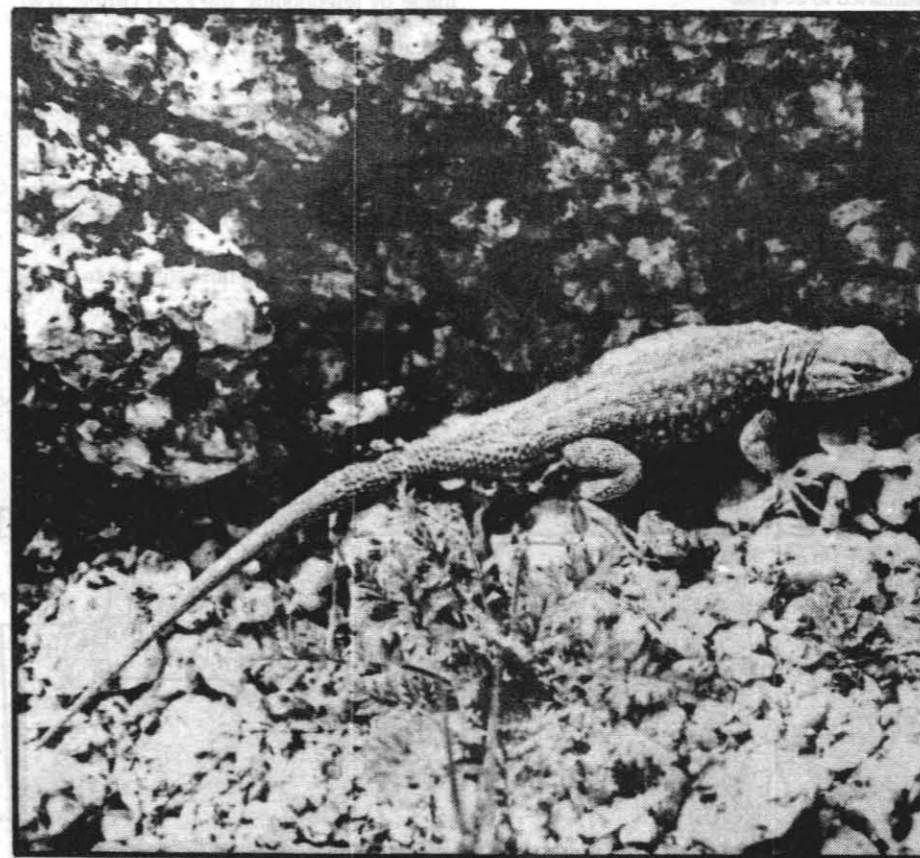
She is a self-starter, since her training for her rating has been strictly on-the-job training that she has initiated. Her outstanding diligence is recognizing needs of her shop and meeting such needs won her the recognition of becoming the China Lake nominee.

The nominees will all be interviewed today at the Marine Logistic Base; the decision as to the winner will be announced at tomorrow's banquet, following the main speech of the evening.

Turley is a retired Marine Corps Colonel, who served on active duty for more than 30 years. He holds a bachelor's degree in economics from Park College, Parkville, Missouri, and a master's degree in management from the University of Redlands.

Following his retirement from active duty, he served as Director of Administration for a law office in Washington, D. C. He then became a Special Consultant to the

Office of the Under Secretary of Defense (policy) in 1983, and held that position until he received a political appointment to his current position in February of this year.



HARBINGER OF THE SEASON — In other areas the first crocus pushing its way up through the snow is the official sign that winter's over, but locally the best indication that warm weather is on its way is that lizards are out sunning themselves. The lizard, no doubt, knew that spring began Wednesday at 8:14 a.m. — Photo by PH2 Rick Moore



SUPERIOR PERFORMANCE — Ralph Smith, left, received a Superior Performance Award from the Secretary of the Navy for completing 20 years of supervision without a lost-time accident. Capt. K. A. Dickerson, NWC Commander, presented the award to Smith, currently Head, Sea Launched Weapons Fuze Branch, Electromechanical Division of the Fuze and Sensors Department. Smith has been responsible for Harpoon and Tomahawk fuze development and production support. A graduate of Texas A&M University, Smith began working with the then Naval Ordnance Lab Corona in 1959. — Photo by PH2 Rick Moore

## Technology Base work...

(Continued from Page 1)

to strengthen already good programs by focusing these directly on Center needs. "01T will not implement the Center's technology base, but will manage the Center overview to define areas of emphasis and priority," according to him.

The technical department heads will be more active in defining these areas than in the past and will manage the activities of the 600 NWC personnel currently involved with technology base work.

"By focusing and coordinating our activities," Dr. Royce maintains, "we can better represent the Center's technical objectives to the respective sponsors. We will also be able to create a better funding position for technology base work."

The new organization pulls together several already existing Center operations.

Serving as coordinator of technology base work is Dr. Bob Rowntree, Technology Base Coordinator, Code 01T1, who will continue in the role he was held.

Ken LaBaw, head of the Program Planning and Development Office, Code 01T2, has two main assignments: Providing support to the department heads in developing a top-level guidance plan for technology base work, and exploring relationships with new sponsors such as the Defense Advanced Research Projects Agency and the Strategic Defense Initiative program.

As head of the Industrial and Governmental Liaison Office, Code 01T3, George Linsteadt will not only continue his liaison work with other government establishments, but also will strengthen relationships with industry.

The head of the Research Department, Dr. Royce, functions as Research Program Manager, Code 01T4. Dr. Ron Atkins, now Code 01T5, continues in the part time position of Independent Exploratory Development Program Manager.

Clint Spindler and personnel of the Airborne Weaponry Technology Program Office, Code 01T6, continue to manage the Block Technology Program for the Naval Air Systems Command. Also continuing ongoing work is the Marine Corps Aviation Technology Program, formerly Code 03TM and now Code 01T6M.

Combining these ongoing functions into one organization, Dr. Royce believes, will produce a positive synergism. Scientists and engineers working on related functional and product areas will be working together more closely, sharing responsibilities, and, thereby, strengthening the programs.

Hays pointed out that a "critical mass" of people is needed to provide the most effective systems applications for technology base work.

"Much technology base work in our mission area hasn't been explored," says Hays. "With the new organization we should be able to achieve maximum success in meeting Navy needs."



## Blue Angels to fly first show of season at George AFB tomorrow

George, AFB, located in the High Desert near Victorville, Calif., will host the U.S. Navy Blue Angels' first show of the 1985 season tomorrow.

The Blues will headline Community Day '85 at the base located off Interstate 15 on the east side of the San Bernardino Mountains. At the intersection of Highway 395 and Air Base Road follow the signs to the Community Day observance.

"We especially invite our friends from the Navy, Marine Corps and Army to join with us on this special day," said Brig. Gen. Richard E. Carr, 831st Air Division commander.

In addition to the Navy and Marine Corps pilots and Blue Angels ground crew, the U.S. Marine Corps Marching Band from El Toro Marine Corps Air Station and the U.S. Marine Corps Mounted Guard from the Marine Logistics Center, Barstow will be performing.

The world's largest aircraft, the C-5 Galaxy, will be on display, as will the KC-10, the Air Force's newest aerial refueling and cargo aircraft. Among the other aircraft on display will be the F-18, F-16, F-15, A-10, A-7, A-4, F-4E, RF-4, A1, T-37, T-33, F-104, OV-10, T-43, KC-135 and several test aircraft from Edwards Air Force Base.

"The display of static military aircraft is the largest ever for this type of event at George," said Lt. Col. Clarke A. Nelson, base project officer.

More than 30 World War II vintage aircraft will be on display by their owners. A German ME-109 will be here for the first time.

"As far as we know, this is the only aircraft of its kind anywhere on the west

coast," said Colonel Nelson. This Messerschmitt 109 was actually flown in combat in World War II against American and Allied Forces."

"We are extremely excited that the Blue Angels chose George for their first performance this year," said General Carr. "It is my personal pleasure to invite everyone from the Naval Weapons Center to be with us."

George AFB gates open at 9 a.m., and the Blue Angels will perform their aerial ballet at 2 p.m.

## Harm...

(Continued from Page 1)

The Center's HARM program office and VX-5 ensure that parameters are accurate and that arrangements are made to meet the target mode, range to target, and HARM weapon system delivery mode in accordance with specifications.

Another HARM program milestone came about in December 1984 when NAVAIR sponsored the first HARM user's conference, which was hosted by the HARM technical management office and VX-5 at China Lake. Those attending were so interested in discussing HARM that the conference continued even though snow closed the Center in the midst of the several days of meetings.

Capt. Larry Kaufman, NAVAIR HARM program manager (PMA-242), noted that he has received excellent feedback from the squadrons where the missile is deployed.

He quoted one of the pilots as saying that "the usefulness of the HARM weapon system is limited only by the imagination."



**SPECTACULAR FLIGHT** — The Navy's precision flight demonstration team, the Blue Angels, will perform their first show of the new season at George Air Force Base tomorrow at 2 p.m.

## Women's History Week activities include workshops, lunch, dinner

Tickets are going fast for two of the events that will highlight Women's History Week next week — an open dinner meeting on Wednesday evening and a luncheon on Thursday. Tickets for both of these events must be purchased in advance.

The dinner meeting is sponsored jointly by the Eastern Sierra Careerwomen's Network and the American Association of University Women, and features Rusty Broughton of LDI Institute as the guest speaker.

Ms. Broughton, who also will present a two-day workshop on Tuesday and Wednesday, will discuss "The Professional Woman."

The dinner will be held at El Charro Avitia Restaurant in Ridgecrest, with a networking hour from 6:30 to 7:30, to be followed by the dinner and program.

Menu choices are either beef or chicken taco salad, at \$7.50 for either. Tickets for the dinner must be brought to the dinner. Tickets may be purchased from the Ridgecrest Chamber of Commerce, 313 S. China Lake Boulevard; the EEO Office, Room 205, Personnel Building; or from Bonnie Irvine, NWC ext. 5614 or 446-3105.

The luncheon, sponsored by the Federal Women's Program, will be held at 11:30 a.m. on Thursday at the Commissioned Officers' Mess. June Wasserman, a counselor at Cerro Coso Community College, will speak on "Making Your Whole Life Work for You."

Reservations are required, and may be made by telephoning the EEO Office, NWC ext. 2348. Menu choices are either chef salad or chicken with noodles; either costs \$4.50.

On Thursday afternoon a workshop will be presented focusing on the relationship of nutrition and fitness to work performance. It will be presented by Jackie Bumgardner, an instructor at Cerro Coso Community College.

Training forms are not required to attend

this workshop to be held from 2 to 4 p.m. in Room 107 of the Training Center, but attendance will be limited by the size of the room so those who wish to attend should plan accordingly.

Other events for this week that gives special recognition to the contributions of military and civilian women are a workshop on Monday entitled "Strategies for Successful Work Transitions," led by Terry Mitchell and Roger Peck, and the two-day workshop by Ms. Broughton entitled "The Professional Woman Manager."

Both of these workshops required prior registration.

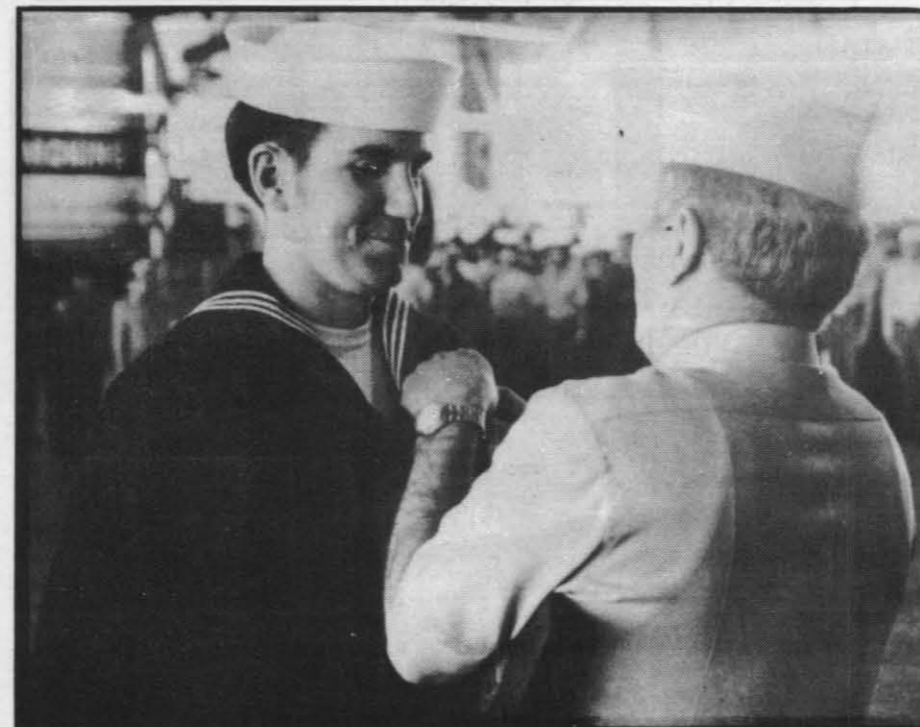
## B-29 aircraft from Center now part of Confederate Air Force

A B-29 "Superfortress" of World War II vintage, rebuilt at China Lake in 1976, is still being flown by the Confederate Air Force, an association of vintage-plane enthusiasts headquartered at Harlingen, Tex.

The four-engine bomber, which has been named "Fifi," flew in and was on display recently during an air show at West Mifflin, Pa. Tours such as this help cover the expenses of Fifi's \$200 per hour flight costs, maintenance and other expenses of the non-profit Confederate Air Force.

Many of the long-range B-29s, used extensively in the Pacific theater of operations during the final 14 months of World War II, were brought to China Lake and destined for use as targets of missiles and weapons systems.

Fifi was rebuilt and made flyable by salvaging parts from other Superfortresses that ended up here. Not too long ago she was nearby at Edwards Air Force Base during the filming of scenes of a B-29 aircraft for a current motion picture entitled "The Right Stuff."



**EFFORTS WORTHWHILE** — Capt. K. A. Dickerson pins the Navy Achievement Medal on AT2 Norman M. Kauppi at a recent ceremony.

## Navy Achievement Medal goes to Petty Officer Kauppi

At a recent ceremony held at Hangar 3, Aviation Technician Second Class Norman M. Kauppi was presented the Navy Achievement Medal by Capt. K. A. Dickerson, NWC Commander.

AT2 Kauppi was presented the medal for his meritorious achievement while serving as the High Speed Anti-radiation Missile (HARM) Instrumentation Technician from August 1983 through August of last year.

The citation accompanying the medal noted that "During this period Petty Officer Kauppi effectively combined his valuable fleet experience with exceptional technical performance and initiative to significantly contribute to the development, integration and deployment of the critically needed HARM Weapon System."

"He worked around-the-clock on system and instrumentation maintenance for the A-7E/HARM predeployment effort and directly and materially aided the Initial

Operational Capability Schedule."

The citation continues by saying that for the F/A-18/HARM Integration Effort, Petty Officer Kauppi wrote a highly complex HARM system flight simulation troubleshooting procedure as well as designing an F/A-18 landing gear proximity switch wedge to solve serious maintenance trouble-shooting problems.

"Petty Officer Kauppi's HARM troubleshooting procedures and wedge design have been adopted by the Naval Air Test Center and the Naval Weapons Evaluation Facility. His professional excellence, technical accomplishments and tireless dedication to duty have made a lasting impact on the HARM program, the Naval Weapons Center, and the Navy," says the citation.

Petty Officer Kauppi has been aboard NWC since October 1982. His wife, Gina, is employed by Kentron.

## CWO4 E. W. McMahan concludes lengthy Naval career with recent retirement during VX-5 ceremony

by PHAN Greg Hogan

The retirement of Chief Warrant Officer Erroll W. McMahan, VX-5 Intelligence Officer, was the occasion of a military quarters Friday at Hangar One.

A veteran of 27 years of uninterrupted active duty naval service, CWO4 McMahan was honored by Capt. Roger P. Flower during the ceremony for his "unselfish dedication to your country, the Navy and the squadron."

After his enlistment in San Francisco in 1958, he entered the Yeoman rating and rose steadily through the ranks until April 1976 when as a Senior Chief Yeoman, he was promoted to CW02.

In that time, CWO4 McMahan saw duty aboard USS NAVARRO (APA-215) with Commander Amphibious Squadron Seven; Naval Post Graduate School, Monterey, Calif.; American Embassies in Rabat, Morocco; Colombo, Sri Lanka; and Cairo, Egypt; Naval Investigative Service offices in Guam and Bremerton, Wash. In addition, he served with Naval Intelligence Team Two in Vietnam from July 1967 for one year.

Prior to reporting to VX-5 in September 1980, Chief Warrant Officer McMahan was assigned to the USS Enterprise (CVN-65) where he was promoted to CW03. He achieved a major milestone in his career when he was selected for CW04 in April 1983.

CWO4 McMahan's contributions to the Navy have been significant and are reflected in the numerous awards and decorations he has received throughout his career.

His awards include the Joint Service Commendation Medal (Oak leaf cluster in lieu of second award); Navy Achievement Medal with Combat "V"; Good Conduct Medal with bronze stars; Meritorious Unit Commendation; National Defense Service Medal; Vietnam Service Medal; Republic of Vietnam Campaign Medal; Republic of Vietnam Meritorious Unit Commendation Medal; Navy Sea Service Ribbon and Battle "E" Ribbon.

Chief Warrant Officer McMahan and his wife, Pat, will be making Ridgecrest their retirement home following a vacation in Hawaii.

## Coaches sought

Coaches for the military summer softball league will meet Tuesday at 5 p.m. at the Recreational Services Department conference room.

For further information, telephone the gym, NWC ext. 2571 or 2334.



## VX-5 salutes AO3 Dominik as top sailor in February

Air Test and Evaluation Squadron Five (VX-5) Commander, Capt. Roger P. Flower, announced the selection of Aviation Ordnanceman Third Class Andrew J. Dominik as the squadron's Sailor of the Month for February.

Assigned to the Vampire's Ordnance Branch of the Avionics/Armament Division, AO3 Dominik is responsible for loading and downloading weapons from the military aircraft assigned to VX-5.

"From an ordnanceman's point of view, VX-5 is one of the greatest places to be assigned. Working with such a variety of aircraft and weapons is an educational experience," said the Irvington, Wis., native.

Petty Officer Dominik says he is a firm believer in what the shop's senior chief (AOCS Jim Monahan) says that "without ordnance a military aircraft is just another unscheduled airliner."

A veteran of 21 months active duty with the Navy, AO3 Dominik was assigned to China Lake in February, 1984 after completing Ordnanceman "A" School in Memphis, Tenn.

When he isn't busy with ordnance at the airfield, Petty Officer Dominik enjoys photography, cross country skiing and playing chess.

— by PHAN Greg Hogan

## Regional tourney

The Marine Corps West Coast Regional Racquetball Tournament will be held at Camp Pendleton April 17-26.

There is an April 8 deadline for the submission of team rosters. Rosters must be addressed to MCB Special Services, Athletic Director, Bldg. 1253, MCB Camp Pendleton, CA 92055-5010.



**TOP SAILOR** — AO3 Andrew J. Dominik was named VX-5 Sailor of the Month for February.

## China Lake Police reports

Last Thursday a coat, valued at \$80, was reported stolen from a coat rack at Lauritsen Lab.

**WINDOW BROKEN**  
A home in the housing area was subjected to vandalism when a window, valued at \$50, was broken Thursday night.

**POLICE ASSISTED**  
China Lake Police assisted Ridgecrest Police Department in locating and arresting a subject wanted on a warrant. The subject was transported to jail last Friday.

**UNLICENSED DRIVER**  
A routine traffic stop on Friday turned up an unlicensed driver. The motorist was issued a misdemeanor citation.

**VANDALISM REPORTED**  
Also on Friday, vandalism was reported to a vehicle parked at Groves School. A window was broken with a value of \$150.

**DRIVER ARRESTED**  
A motorist was arrested for outstanding warrants after a routine traffic stop. The driver was transported to the Ridgecrest Jail.

**MOTORIST HELD**  
CLPD officers made a routine traffic stop Saturday and found the driver to be under the influence of alcohol. The motorist was held for five hours, then issued a misdemeanor citation.

**CASSETTE STOLEN**  
A radio cassette player was stolen from a lounge at BEQ 1 on Sunday. It was valued at \$160.

**BIKERS CITED**  
Officers stopped two persons for riding dirt bikes in a restricted area on Sunday. A check turned up two outstanding warrants on one person who was arrested and jailed on the warrants. Both were issued letters of trespass.

**DOG TAKEN**  
An NWC resident reported a German Shepherd dog valued at \$300 was stolen from a backyard in the housing area.

**DRIVER CITED**  
A routine traffic stop Sunday led to an arrest for driving while under the influence of alcohol. The motorist was held for five hours then issued a misdemeanor citation.

**VICTIM ASSAULTED**  
An assault with a deadly weapon also occurred during a marital quarrel. The vic-

tim reported that her husband assaulted her with his hands and then threatened her with a knife.

**JUVENILE ARRESTED**  
An out-of-control juvenile was arrested at Murray Junior High and later turned over to his parents.

**PLANTS PULLED UP**  
Unknown persons celebrated the arrival of spring by pulling up seven plants from a garden on Kearsarge. Estimated damage is \$10.

**BICYCLE STOLEN**  
A bicycle was taken from in front of Lauritsen Laboratory. The loss is estimated to be \$100.

**COAT TAKEN**  
Lauritsen Laboratory was the site of the theft of a coat valued at \$30. This is the second coat reported stolen from the laboratory in a week.

**DISPUTE ESCALATES**  
A neighborhood dispute led to an assault with a deadly weapon in the B Capehart area. The suspect hit the victim's bicycle with a motor vehicle.





**ARTIFICIAL INTELLIGENCE/EXPERT SYSTEMS**  
22-26 April, Monday-Friday, 0800-1600, Training Center. By: Integrated Computer Systems.

Scope: You will learn how to understand the key principles of artificial intelligence and their use in knowledge-based systems; explore the efficiency of different knowledge-based inference rules and search strategies for specific applications; evaluate available languages, tools, assistance packages and "skeleton" systems to aid application implementation; and plan for the emergence of fifth-generation computer architectures, intelligent I/O systems, and related software. You will use knowledge-based system development tools to develop a simple production rule system; explore the effects of alternative search strategies; and improve system performance by expanding the knowledge data base.

Deadline: 5 April.

**NAVAL CORRESPONDENCE FOR ADMINISTRATIVE AND TECHNICAL WRITERS**

5 April, Friday, two sessions: 1. 0900-1100; 2. 1300-1500 (if response warrants), Training Center. By: Mary Lou Smith.

Intended Audience: For all nonclerical personnel who write Naval letters and memorandums.

Scope: Provides a brief on Chapter 1 (Naval Writing Standards) to the Department of the Navy Correspondence Manual. You will learn ways to make the transition from "governmentese" to plain English. You will learn formats for Naval letters and memorandums and will receive an explanation on their use.

Deadline: 25 March.

**WORKING EFFECTIVELY WITH PEOPLE**

9 and 10 April, Tuesday and Wednesday, 0800-1600, Training Center. By: Roger Kirkham.

Intended Audience: Administrative, support, and technical personnel.

Scope: You will receive specific tools, techniques, and approaches that will show you how to understand how false perceptions determine how people react; recognize the three ego states; accept responsibility for how you feel and react; apply transactional analysis; avoid and prevent barriers that stifle effective interpersonal communication; avoid communicating negative expectations; avoid assuming ownership of problems that don't belong to you; increase your ability to effectively listen; and get emotional outbursts from others under control.

Deadline: 27 March.

**TECHNICAL PRESENTATIONS**

15 and 16 April, Monday, 0800-1600; Tuesday, 0800-1700, Training Center. By: Miriam Cartwright.

Scope: Addresses the three goals that most people have when they make technical presentations: (1) not to appear nervous; (2) not to look incompetent, and (3) to be able to communicate information efficiently. You will learn techniques that will give you confidence in all three areas. Topics include types of presentations; audiences; presentation goals; organization; mind maps; level of detail; visual aids; TID facilities; making good viewgraphs; presentation preparation in detail; handling nervousness; preparation for being seen and heard; delivery; handling viewgraphs; handling questions; and handouts. For the final activity, you will videotape, play back, and discuss your own short presentation.

Deadline: 1 April.

**REAL-TIME STRUCTURED DESIGN**

8-12 April, Monday-Friday, 0800-1600, Training Center. By: Larry Peters, Software Consultants International Ltd.

Intended Audience: Software designers, programmers, and technical managers involved in the development of interactive, real-time systems.

Scope: This class incorporates what has long been considered standard design practice in other fields into the specialized requirements of software systems. It includes the only set of software design quality criteria that are now available. The use of this method, as taught in this class, enables software designers to produce quality designs with significant time savings both in development and maintenance.

You will learn to develop software designs that are compatible with the concepts of structured design, support the implementation effort, and conform to quality criteria.

Deadline: 28 March.

**BLASTING AND EXPLOSIVES SAFETY TRAINING**

9-11 April, Tuesday-Thursday, 0800-1600, Training Center. By: DuPont De Nemours & Company.

Scope: This course offers basic safety training to those involved with commercial explosives and blasting. It stresses the importance of safety leadership and helps to provide blasters and their supervisors with a practical understanding of explosives and their use. Topics: Safe methods for handling and using explosives; reasons behind safety rules and regulations; the mechanisms of detonation, intentional and accidental, for the full range of commercial explosives; product categories; properties of explosives; detonation mechanisms; detonation hazards—identification and prevention; magazine and truck safety; loading and firing methods; blasting instruments; fly rock; shot guarding and blast signals; designing a safety program; and enemies of safety.

Deadline: 26 March.

**INTRODUCTION TO SUPERVISION**

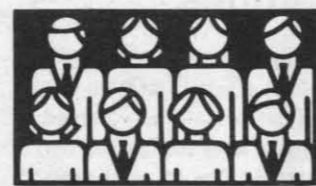
15-19 April, Monday-Friday, 0800-1600, Training Center. By: Office of Personnel Management.

Intended Audience: New supervisors.

Scope: This course is for first-level supervisors needing training in basic supervisory ideas. It gives students fundamental grounding in practical modern concepts of supervision. It is organized into four management functions: planning, organizing, directing, and controlling. When students complete this course they should be able to (1) perform major supervisory duties and responsibilities better; (2) use varied leadership methods in a government setting; (3) implement federal personnel management policies and regulations; (4) apply modern employee motivational concepts; (5) use staff resources effectively; and (6) formulate training and development plans.

Deadline: 29 March.

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



**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 Knowledges/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. 08-013, Accounting Technician, GS-525-4/5/6, Code 0861** — This position is located in the Billing Section of the General Accounting Branch. Incumbent will maintain a Fu-4 Control Ledger using information contained on fund documents and automated reports to reflect amounts authorized by fund documents, costs incurred and billed against those authorizations and the available balance remaining on the fund source. Incumbent will be assigned a group of sponsors and customer orders as his/her share of the total workload which is occasionally redistributed to assure proper balance. Incumbent will be required to accomplish sponsor billings, perform necessary research to isolate and correct errors, prepare reports, reconcile, resolve problems, and perform other related assignments with the Branch. **Job Elements:** Knowledge of Navy Industrial Fund Accounting principles; ability to work accurately with figures; ability to work effectively with people.

**No. 12-005, Intelligence Library Assistant, GS-303-5/6, Code 1212** — Incumbent performs a broad range of functions involving librarian type duties, reference/retrieval service and department CCP. **KSAs:** K - of control and accounting of classified documents; of information security regulations; of Center organization and functions; of ongoing Center technical programs (general). A - to correlate and refer information of interest; to type. Must be able to be cleared to TS.

**No. 24-131, Supervisory Police Officer, GS-083-7, Code 2413** — This is a temporary position, not-to-exceed six months, which may lead to a permanent position. Position is located with 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. **Elements:** Knowledge of all aspects of police work, 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. 08-011, Multidisciplinary (Computer Systems Specialist/Computer Systems Analyst), DS-334-2/3 or DP-3, Code 084** — Incumbent provides support in all areas of data processing within Code 08. Analyzes technical computer system requests and performs feasibility studies. Presents documented study findings, alternative solutions and recommendations. Performs system design including data gathering and system specifications. Develops application programs, tests, documents, plans and implements new applications or conversions to new systems. **Job Elements:** Ability to organize large quantities of data; ability to communicate effectively both orally and in writing; ability to deal with technical and functional personnel at all levels; ability to write computer programs in COBOL. Promotion potential to DP-3 if hired as a DS-2 or DS-3.

**No. 08-012, Disbursing Officer, GS-503-8 Code 08605** — This position is located in the

Disbursing Office, Accounting and Disbursing Division, Office of Finance and Management. Incumbent will be responsible for disbursing civilian payrolls, travel advances and claims, vendor payments, public vouchers, and receives and deposits collections. **Job Elements:** Knowledge of Navy Industrial Fund Accounting principles; knowledge of Treasury Department regulations; knowledge of Joint Travel Regulations; knowledge of civilian payroll procedures; knowledge of the Document Entry System and Integrated Disbursing and Accounting (IDA) System.

**No. 25-063, Contract Specialist, DA-1102-2/3, DP-1102-3 Multiple Vacancies, Code 2524** — Incumbent performs duties of Contract Specialist responsible for planning, negotiation, and administration of fixed price and cost reimbursement contracts involving procurement of complex items and extensive services. Incumbent analyzes purchase requests; selects the best method of contracting; selects sources and publicizes requirements; prepares Determinations and Findings and Justification for Authority to Negotiate; prepares solicitation documents and analyzes offers; and negotiates contracts and subsequent changes. Positions have promotion potential to DP-3. **Elements:** Knowledge of government procurement and contractual practices and policies; of current business practices, including business law and accounting. **Ability:** to communicate effectively, orally and in writing, with all levels of personnel. **Skills:** in procurement of technical equipment, systems, and services. Status eligibles may apply.

**No. 25-064, Contract Intern/Contract Specialist, DA-301/1102-1, Code 2524** — Incumbent, under close supervision of senior Contract Specialist, provided with progressively responsible experience in analyzing packages, negotiating with contractors, awarding and administering wide variety of contract actions. Experience gained in all facets of Government R&D contracting. Entry level/bridge position into the 1102 Contract Specialist career field with promotion potential to DP-3. **Elements:** Knowledge of business practices. **Ability:** to meet and deal effectively with people; to analyze facts, alternatives and problems and make decisions based on this analysis; to speak and write effectively; to prioritize and process in an orderly manner multiple tasks simultaneously. Status eligibles may apply.

**No. 26-141, Engineering Technician, DT-802-A, Code 2636** — Performs duties relating to facilities engineering in the civil area. Assists in varying survey tasks and assists senior personnel in engineering support on noncomplex projects. **KSAs:** A - to assist or perform field surveying; to perform in a timely manner; to establish and maintain good working relationships with all levels of the Center organization. Promotion potential to DT-3.

**No. 26-142, Communications Specialist, DS-393-2, Code 2603** — Performs technical and analytical work related to the development and improvement of communications systems and procedures. **KSAs:** K - of communications principles: of operational procedures. A - to communicate well both orally and in writing.

**No. 26-143, Electrician Foreman, WS-2805-10, Code 26446** — Supplemental Required. This shop is responsible for the electrical upkeep, maintenance, repair and construction of buildings and equipment. Plans sequences of operations and work steps of employees supervised; interprets blueprints and instructions as required and prepares layouts and sketches; participates in a wide field of personnel matters. **KSAs:** K - of technical practices; of materials of pertinent tools and equipment. A - to supervise; interpret instructions, specifications, etc. Interest in and potential to manage people problems (EEO). Note: Applications must be received no later than close of business 1 April 1985.

**No. 26-144, Maintenance Foreman, WS-4701-10, Code 26421** — Temporary promo-

tion NTE one year. First full supervisory level. Plans sequence of operations and work steps of employees supervised. Plans and approves leave and participates in a wide field of personnel matters. Directly supervises employees performing the following work: electrical, plumbing, pipefitting, painting, carpentry, etc. **Elements:** Ability to supervise; technical practices; ability to interpret instructions; specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment; interest in and support of the EEO Program. Forms must be received not later than April 1, 1985.

**No. 26-145, Painter Helper, WG-4102-5, Code 26414** — Assist journeyman or work under direct supervision, in duties involving work on walls, ceiling, woodwork, baseboards, doors, furniture, water-proofing, cementing or floor scrapping, etc. **Elements:** Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as a member of a team. Participation in the prejourneyman training program with promotion potential to the WG-9 level.

**No. 26-146, Cement Finisher Helper, WG-3602-5, Code 26417** — Assists journeyman cement finisher in finishing concrete and similar materials to construct floors, walls, streets, sidewalks, driveways, columns, machinery or building foundations, and other structures on the Station. **Elements:** Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. Promotion potential to WG-8. Status eligibles may apply.

**No. 31-136, 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, 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 consolidate budgetary and technical data for analysis and evaluation purposes; 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. Status eligibles may apply. Previous applicants need not reapply.

**No. 32-159, Supervisory Chemical Engineer, DP-893-3/4, Code 3272** — Research and development of new propellants, processing of propellants for rocket motors, physical and chemical testing, and aggressive safety program. **Elements:** Knowledge of propellants and rocket motors; of operational safety principles; of and willingness to support the Federal EEO policies and program; of quality assurance procedures. **Ability:** to supervise large work force of diverse skills.

**No. 32-162, Interdisciplinary Supervisory Mechanical Engineer, Research Physicist, Research Chemist, DP-830, 1310R, 1320R-3/4, Code 3265** — Incumbent serves as head of the newly formed Thermal Research Branch. Incumbent will lead a branch engaged in analysis, laboratory and intermediate scale experimentation to determine the thermal behavior of energetic materials and the interaction of such materials with other substances, and the ordnance system design. **Elements:** Knowledge of heat transfer and chemical kinetics and modeling and experimental techniques as they apply to energetic materials; of and willingness to support the Federal EEO program and policies. **Ability:** to lead and contribute to a scientific organization; to manage and motivate per-



sonnel. Demonstrated scientific accomplishment in area of thermal response of energetic materials.

No. 36-217, Clerk-Typist, GS-322-4, Code 3602 — Incumbent provides general administrative, clerical and typing support for the Engineering Department Staff office. Performs duties as the department's alternate CCP; maintains log of personnel action requests and files of the department personnel; provides backup secretarial support for the department head and associate department head. Elements: Knowledge of Center clerical procedures. Ability: to perform receptionist, telephone, filing duties and general typing to work with all levels of Center personnel; to work with minimum supervision.

No. 24-130, Security Specialist, DA-060-2, Code 2407 — Provides technical and administrative support in the area of ADP security to NWC personnel. Provides technical support in the areas of ADP and Office Information (OI) Systems, Risk and Threat (R&T) Management, Contingency Planning and Testing, and Security Test and Evaluation (ST&E). Will serve as COTR for R&T evaluation contracts. Full performance level of position is DA-3. Elements: Knowledge of ADP and Office Information (OI) Systems; skill in applying Risk and Threat (R&T) Management; knowledge of NWC contracting procedures.

No. 31-139, Supervisory General/Electronics Engineer, Computer Scientist, Mathematician, Physicist, DP-801/855/1550/1520/1310-3/4, Code 31101 — This position is that of Associate Division Head, Avionics Facilities Division, Aircraft Weapons Integration Department. The division develops, maintains, and operates simulation/integration facilities to support the A-4/AV-8, A-6, A-7, and F/A-18 Weapons System Support Activities (WSSAs) in their roles of technical assistance, requirements definition, system development, weapons system integration, validation, and Fleet support. Facilities development includes system architecture, hardware engineering, facility software engineering, and simulation software. In addition to aircraft specific facilities, the division provides a general facility for software and hardware tools which span all projects. Elements: Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; knowledge of avionics facilities hardware and software analysis, design, and operations; ability to communicate effectively with all levels both orally and in writing; knowledge of NWC EEO policies and goals. Potential to DP-4, but not guaranteed. Previous applicants need not reapply.

No. 31-141, Engineering Data Management Specialist, DS-301-2, Code 3108 — Provides product assurance support to the computer software development and maintenance projects of the department. Incumbent to this position is the Director of the Weapons Systems Software Office Data Center. The Data Center provides data management and configuration control support to these product assurance efforts. Projects supported include AH-1, A-4, A-6, A-7, AV-8, F/A-18 and Mission Support Systems. Elements: Knowledge of and experience in applying Navy policies and procedures for software engineering, data management and configuration control; knowledge of and experience in employing computerized data bases for scientific and engineering information handling and retrieval; knowledge of and experience in the management and control of data items produced under control; knowledge of and experience in planning, organizing, developing and implementing procedures for software data management and configuration control operations; knowledge in managing a data center or an equivalent operation, including planning, budgeting, obtaining contract support services and directing the staff in daily operations. Promotion potential to DS-3, however promotion is not guaranteed.

No. 35-035, Electronics Technician, DT-856-1/2, (Two Vacancies), Code 3552 — Serves as a team member whose responsibilities include assembly, check-out, and installation of electronic subsystems associated with radar systems, elements of electronic circuits and subsystems using

solder, wire wraps, and crimp-type connections. The work schedule is the "First Forty" hours. KSAs: K — of basic electronic circuit theory, both analog and digital circuits. S — electronic assembly and checkout skills required, including soldering (prefer certified) wire wrap crimp tools. A — to use standard electronic instruments in troubleshooting circuits, both discrete and integrated analog and digital.

No. GY-8507, Marine Equipment Mechanic, NA-8610-10, \$6.96 per hour, Permanent Full-Time plus benefits, Code 221 — Incumbent supervises one to three staff members in the accomplishment of maintaining division facilities and equipment; performs routine maintenance and operational checks on camping equipment; maintains and repairs outboard motors and trailers; performs minor carpentry projects, plumbing repairs; prepares and maintains athletic sites and parks; other duties as assigned. KSAs: — Knowledges — small engines, small power tools. Experience in maintenance of outdoor facilities and general woodworking, painting, etc. highly desirable. Must be in excellent condition and be able to lift 100 pounds; able to obtain a government drivers license. This is not a Civil Service position.

No. 35-032, Electronics Technician, DT-856-2/3, Code 3525 — Incumbent will be responsible for operation and maintenance of a telemetry receiving station; will also be responsible for documentation and fabrication of test equipment interfaces. KSAs: Knowledge of telemetry or similar type equipment; ability to operate test equipment; skill in fabricating one-of-a-kind hardware and documenting work. Promotion potential: DT-3.

No. V-35-018, Supervisory Interdisciplinary General, Electronics, Mechanical, Aerospace Engineer, Physicist, Mathematician, DP-801, 855, 830, 861, 1310, 15203/4, Code 3514 — Incumbent will serve as head, Systems Analysis Branch in the Systems Sciences Division, Electronic Warfare Department. Incumbent will coordinate and direct the efforts of the branch and will be responsible for providing lethal analysis in support of Defense Suppression weapons, such as Sidewinder, Low Cost Seeker, Skipper, and Shrike. Job Elements: Knowledge of defense suppression weapons systems; knowledge of program planning/scheduling; knowledge of and willingness to support EEO objectives; ability to interface effectively with all levels of personnel both on and off Center; ability to supervise. Reassignment only at the DP-4 level. Previous applicants need not reapply.

## 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 organization, its objectives and lines of communication. Depending on grade level, typical secretarial duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 33-010, Secretary (Typing), GS-318-6/7, Code 33 — Department Head Secretary. Provides secretarial and administrative support to the Department Head. Applicants must submit current annual performance evaluation in addition to required supplemental. Previous applicants need not reapply.

No. 33-011, Secretary (Typing), GS-318-5/6, Code 333 — Division Secretary. Provides secretarial and administrative support to the Division Head. Applicants must submit current annual performance evaluation in addition to required supplemental.

## 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. 01T-002, Interdisciplinary Physicist, Mathematician, Electronics/Mechanical/Aerospace/General Engineer, DP-1310/1520/855/830/861/801-3, Code 01T2P — Incumbent assists the head, Program Planning and Development Office (01T2) and the Technology Base Director (01T) in developing technology base assessments, guidelines, and plans. Submit current SF-171 to Ken LaBaw, Code 01T2.

No. 14-018-Interdisciplinary Physicist, Computer, Scientist, Electronics/Aerospace/General Engineer, DP-1310/1550/855/861/801-3, Code 1441 — Incumbent is the assistant to the Center Information Resources Manager and assists in discharging the Center local ADP approval authority, participates in coordinating and planning of Information activities across the Center, and conducts special Information Resources related studies. A background in computer applications is desirable. To apply for this position, send a current SF-171 to F.J. Koperski, Code 1441, ext. 3178.

No. 31-140, Interdisciplinary General/Mechanical/Electronics Engineer, Physicist, Mathematician, Computer Scientist, DP-801/830/855/1310/1520/1550-2/3, Code 31C — This position is located in the Embedded Computing Technology Office. The incumbent is responsible for planning and carrying out studies and acquiring methods and tools for tactical embedded computer development and support. Incumbent is responsible for liaison with other DOD activities as well as industry and academia. Emphasis is placed on transition of existing technologies rather than basic research. To apply for this position send current SF-171 to Jay Crawford, Code 31C, Phone 5684.

No. 32-158, Interdisciplinary, Physicist/Electrical/Mechanical/Aerospace Engineer, DP-1310/861/830/850-3, Code 3273B — Incumbent is Deputy Technical Manager for Vertical Launch ASROC. Responsible for assisting the Technical Manager in planning and management of VLA development, including monitoring of

fiscal and schedule performance, coordination of effort among various program participants at NWC and NOS/Indian Head, and liaison to program sponsors. Planning and management of missile system qualification, management of contractor effort, and support of sponsor systems acquisition process. Submit current SF-171 to John Robbins, Code 3273B. Previous applicants will be considered.

No. 36-206, Interdisciplinary General/Electronics/Mechanical Engineer, DP-2/3, Code 36223 — Supports the Sidewinder rate tables and associated test equipment in system analysis and troubleshooting; lead engineer in all air firings supported by the code. Send current SF-171 to Cheryl Preul, Code 36209.

No. 36-212, Interdisciplinary General/Electronics/Industrial/Mechanical Engineer/Physicist, DP-2/3, Code 36221 — Supports current AIM-9 Guidance and Control Section in production; evaluates engineering change proposals and deviations/waivers; requires circuit design and analysis abilities for subsystem and system level problems. Submit current SF-171 to Cheryl Preul, Code 36209.

No. 36-216, Interdisciplinary, DS/DP-3, Code 3605 — The candidate identifies, examines, analyzes, and evaluates emerging technologies that may be applicable to the automation of system engineering, weapons production and manufacturing, technical data, fleet/logistics support, and product assurance. Submit current SF-171 to D. Rugg, Code 3605.

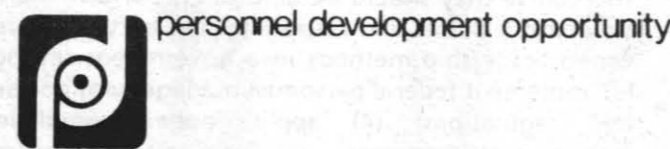
No. 35-034, Interdisciplinary (General Engineer/Electronics Engineer/Computer Scientist/Physicist/Mathematician/Aerospace/Mechanical Engineer), DP-801/855/1550/1310/1520/861/830-1/2/3, Code 3551 — Participates as member of a team developing a large real-time software program; plans, schedules, and coordinates system software development as part of a major project. Duty station is in the Randsburg Wash Test Area. Work schedule is the "First Forty" hours. To apply for this position, send an updated SF-171 to Joy Harrelson, Code 3551, NWC ext. 3571.

No. 35-033, Interdisciplinary (General Engineer/Electronics Engineer/Physicist/Mathematician/Aerospace Engineer/Mechanical Engineer), DP-801/855/1310/1520/861/830-1/2/3, Code 3551 — Participates as member of a team developing a large real-time software program; plans, schedules, and coordinates system software development as part of a major project; responsible for the weapon (missile/AAA) simulation program development. Duty station is in the Randsburg Wash Test Area. Work schedule is the "First Forty" hours. To apply for this position, send an updated SF-171 to Joy Harrelson, Code 3551, ext. 3571.

No. V-35-022, Interdisciplinary, Electronics Engineer Physicist/Mathematician/Computer Scientist, DP-855, 1310, 1520, 1550-3, Code 3511 — Incumbent serves as software engineer to head the development of quality assurance tools and procedures for the HARM SSSF digital hardware and software. The incumbent will be responsible for project definition, planning, and implementation. The incumbent will develop new methods for computer aiding the overall digital system quality assurance, building system implementations on a basis of tools, subsystems, procedures in this and related disciplines drawn from branch, Center, and industry experience. To apply for this position, send an updated SF-171 to Richard Fryer, Code 3511, NWC ext. 2951. Previous applicants need not reapply.

## Recent Accessions/Separations

Code	Name	Title
ACCESSIONS		
02A1	Koch, Dana M.	Clerk-Typist
082	Edmunson, Barbara L.	Clerk-Typist
0921	Cook, Esther A.	Clerk-Typist
0921	Hamilton, Mary A.	Clerk-Typist
0921	Miskimen, Grace J.	Clerk-Typist
12	Stoner, Margaret A.	Mathematician
2632	Merendini, Thomas J.	Environmental Engr.
2639	Rudeen, Ruth L.	Clerk-Typist
26416	West, Robert W.	Laborer
26436	Cosgrove, Edward L.	Electrician (High Volt.)
26446	Jacobs, Anthony J.	Electrician
26449	Siebert, Walter E.	Welder
269	Nance, Debra K.	Clerk
3158	Stanford, James A.	Student Trainee (Comp.)
3244	Krajewski, Della R.	Physical Science Aid
3272	Swett, Herbert A.	Chemist
3274	Sheets, George F. Jr.	Mechanical Engr.
3351	Davis, Angels F.	Mechanical Engr.
3351	Lang, Scott A.	Mechanical Engr.
3352	Lao, Tony L.	Mechanical Engr.
3354	Forbes, Charles H.	Electronics Tech.
3431	Deroulet, Ruth E.	Clerk
3464	Peters, Donald L.	Techn. Equip. Illustrator
35032	Churchill, Joyce M.	Clerk-Typist
3545	Ball, Austin R.	Electronics Tech.
3553	Harris, Clifton M.	Electronics Tech.
3651	Unger, Jerome F.	Engr. Tech.
368	Means, Nancy D.	Clerk-Typist
3854	Johnson, Curtis E.	Research Chemist
3892	Gutmark, Ephraim	Expert
3902	Gutierrez, Jessica A.	Clerk-Typist
3907	Oliver, Susan L.	Clerk-Typist
3925	Swanson, Darrin W.	Engr. Aid
6204	Jennings, William L.	Electronics Tech.
62132	Duque, Isaias T.	Electronics Mech. Helper
SEPARATIONS		
0822	Lester, Lloyd A.	Laborer
2413	Sampsel, Lewis D. Jr.	Police Officer
2413	Whitney, Joel W.	Police Dispatcher
3274	Strief, Eric N.	Mechanical Engr.
3926	Waldrop, James E.	Mechanical Engr.
3941	Mills, John K.	Physicist
3952	Johnson, Richard N.	Electronics Tech.



### BASIC NAVAL CORRESPONDENCE PROCEDURES

4 April, Thursday, 0800-1600, Training Center. By: Mary Lou Smith.

Intended Audience: Intended for typists new to the Navy, but provides a good review for anyone who types Naval correspondence.

Scope: Focuses on the policies and procedures for typing Naval letters and memorandums. Highlights the intent of Chapter 1 (Naval Writing Standards) of the Department of the Navy Correspondence Manual.

Deadline: 25 March.

### QUALITY ASSURANCE

23 April, Tuesday, 0800-1600, Training Center. By: Staff, Code 3682.

Scope: Topics include definitions, quality documents, how ASPR VII and XIV relate to quality documents, quality system management for weapons systems production programs, overall organization and organization for quality, program management, production text and inspection planning, documentation monitoring system, integrated data system, and configuration management system.

Note: TMC Curriculum.

Deadline: 9 April.

### ISSCO GRAPHICS SOFTWARE

11 and 12 April, Thursday and Friday, 0900-1600, Michelson Laboratory Auditorium (Room 1000D). By: Steve Williams, ISSCO.

Manuals are available from Gwen Williamson, ext. 2519 or 2347.

Prerequisite: VAX password and log-on procedure. No programming knowledge is required.

Intended Audience: People interested in making charts and graphs (bar charts, pie charts, and line charts).

Scope: You will learn to use Tellagrag and Cuechart software to generate charts and graphs. Data connection software is used to manipulate files; Tellagrag then uses these files to generate charts or graphs.

To enroll in this class contact E. Nash, ext. 3421, or H. Lindblom, ext. 3563.

Deadline: 27 March.

### 1100 MAPPER

8-10 April, Monday-Wednesday, 0800-1600, Michelson Laboratory, Trailer 1414A. By: Datametrics Systems Corp.

Scope: You will learn how to design MAPPER forms and create, process, and update reports on the data base. Hands-on laboratory exercises are provided to give you experience in report processing. Topics include MAPPER concepts; description of the online, report-structured data base; coordinator's role; form design; MAPPER function-laboratory exercises; and RUN design overview.

Deadline: 25 March.

### USING VISICALC

15-19 April, Monday-Friday, 0930-1130, Training Center. By: Daryl Vaughn.

Scope: You will learn commands involved in using the VISICALC program. You will be guided step-by-step through the program and shown how to create, modify, and manipulate spreadsheets.

Deadline: 1 April.

### 1100 SPERRYLINK DESKSTATION WORKSHOP

22-26 April, Monday-Friday, 0800-1600, Michelson Laboratory, Trailer 1414A. By: Datametrics Systems Corp.

Scope: Introduction for all office personnel using the SPERRYLINK Office System. The course focuses extensively on all deskstation functions, including event scheduling, electronic mail, graphics, forms creation, and mathematical calculations. You will create, access, and revise documents and maintain office files through file management techniques. By using offline, online, and computer functions, you will gain a working knowledge of a totally integrated electronic office environment.

Deadline: 8 April.

### USING LOTUS 1-2-3 ON THE IBM PC

22-26 April, Monday-Friday, 0800-1130, Training Center. By: To be announced.

Scope: Shows how to build a complete worksheet model using all major commands and special function keys; how to create a data base and apply the sorting, selecting, and other capabilities of Lotus 1-2-3, working with both text and numerical data.

Note: Codes of students must provide one IBM personal computer (PC) or equivalent computer for every two students, and a copy of Lotus 1-2-3 software. Priority will be given to students able to provide a PC for the duration of the course.

Deadline: 8 April.

### COMPUTER FUNDAMENTALS (MIC)

6-30 May, Monday, Wednesday, and Friday, 0800-1000, Training Center. By: Daryl Vaughn.

Scope: Consists of the Boeing Computer Services videotape lecture series and workbook exercises "Making It Count." It will give you a fundamental understanding of computer concepts, history, vocabulary, programming languages, hardware, procurement, program design, and career opportunities in computing. An instructor will be available to answer questions.

Deadline: 22 April.