

January 24, 1986



Free piano recital at theater Sunday

Music lovers have a treat in store on Sunday at 3 p.m. at the Center theater when John Gibson, son of the Center's weather forecaster, and Teresa Videgar will perform a duo-piano recital. All local residents are invited to the free concert.

Young Gibson is well known in the local area because of his many performances in recent years. This will be his last recital before graduating from Burroughs High School and moving on the college, where he will major in piano.

Ms. Videgar, a Fontana resident, is a senior at California State University, Fullerton, and plans to continue her studies toward a doctorate. Both she and Gibson are students of Dr. Gary Davenport, as well as other noted teachers and performers.

Both the pianists at Sunday's concert have received a number of awards for their outstanding performances in California and Nevada.

Following the recital, a reception will be held at the Heritage Village clubhouse in Ridgecrest.

Need help filling out tax forms?

Center library proves resources

The Center Library has resources available to assist the public in filling out income tax forms.

The material is prepared and provided by the IRS in cooperation with many of the nation's libraries. Useful aids include audio cassettes containing simple line-by-line instructions for filling out federal forms 1040EZ; 1040A and Schedule 1; and form 1040 and Schedules A,B, and W.

Many IRS publications are available for reference. One that can help taxpayers

prepare their individual tax returns is Publication 17, "Your Federal Income Tax." Federal tax laws which apply to business persons and farmers are explained in Publication 334, "Tax Guide for Small Business," and Publication 225, "Farmers Tax Guide."

Publication 1194, specifically designed for librarians, is a set of the IRS's most requested publications and a helpful reference guide.

Reproducible tax forms are contained in

Publication 1132. This allows a taxpayer to easily photocopy more than 90 of the most commonly used federal tax forms.

Librarians are not tax experts, the IRS stresses. They will be able to direct the public to these useful tax aids. Further assistance can be obtained through the IRS office in Bakersfield.

The library is open 8:30 a.m. to 8 p.m. week days and 10 a.m. to 6 p.m. Saturdays and Sundays.

Randsburg Shootists seeking members

Anyone interested in the Old West or in recreating aspects of the Old West is invited to join the Randsburg Shootists.

The group, formed last year, stages mock hold-ups each Saturday in Randsburg as well as putting on fast draw exhibitions showing the differences between Hollywood style fast-draw and what actually took place during the last century.

In addition, they have taken part in the melodramas at Randsburg's White House

Saloon, and perform at wedding receptions (where they've been known to kidnap the bride) and at parties and other functions.

Members are costumed in authentic costumes (including their "lady of the evening") and use replicas of Colt Peacemakers as well as other weapons. Blanks rather than live bullets are used to ensure that all demonstrations will be safe for spectators as those taking part.

"What we're looking for," says Peggy Murphy, who is one of the founding members of the group, along with her husband, Mike, and sons, "are people who would like to take place in improvisational drama as well as taking part in such things as 'shoot-outs' and weapon demonstrations."

Further information about the group can be obtained by telephoning the Murphy family in the evening at 375-9520, or by writing to Randsburg Shootists, Post Office Box 12, Randsburg, CA 93554.

"The annual 'Creative Auction', a scholarship fundraiser sponsored by the Military Wives Club, will be held at the Commissioned Officers' Mess on Friday, Jan. 31.

The schedule of activities includes a social hour starting at the close of business hours and all-you-can-eat taco buffet will begin at 6, with the auction itself starting at 7:30.

Canadian Forces' Major Larry Price and Lt. Mark Eoff from NWC will be the auctioneers.

A number of door prizes will be presented to those attending, as well as some terrific buys being available.

Country Western will be the appropriate dress for the evening.

The cost of the buffet will be \$4.50. Reservations are needed for the buffet and may be made by telephoning 446-2549 before 4:30 on Thursday.

Disco this Friday and Wednesday at the EM with D.J. Steve Malan and his show "Upstage". Friday's performance will be from 9 p.m. until 1:30 a.m. while Wednesday's performance will be from 8 until 11:30 p.m.

The Bureau of Land Management will lead the first interpretive hike of 1986 through the Eureka Sand Dunes tomorrow and Sunday. The hikes, which will last about two hours, will begin at 1 p.m. each day.

The hikes will leave from the BLM's portable ranger station, which will be located on the north side of the dunes, about 45 miles east of Big Pine. Big Pine is about 125 miles north of Ridgecrest on Highway 395.

Visitors are asked to bring sturdy hiking shoes, a hat and water.

The Eureka Dunes are one of the biggest dune systems in the United States. They are a National Natural Landmark. Additional information about the dunes or about other interpretive activities of the BLM can be obtained from Fred Coe, Visitor Information Specialist at the BLM's Ridgecrest Office, 112 E. Dolphin Street, or by telephoning him at 375-7125.

All measurements are made at Armitage Airfield.

Weather Report

Max	Min	Peak Gust
Fri. 68	30	6 knots
Sat. 73	31	8 knots
Sun. 72	31	18 knots
Mon. 69	42	19 knots
Tues. 63	33	7 knots
Wed. 70	28	7 knots
Thurs. 72	28	28 knots

All measurements are made at Armitage Airfield.



Weekend Roundup

The Commissioned Officers' Mess is opening its barefoot bar for Super Bowl Sunday. From 12 p.m. until the game's finish, watch the Super Bowl on a wide-screen TV, enjoy hot dogs for only \$.25 each and draft beer only \$.25 per glass.

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Enjoy a prime rib dinner tonight for only \$9.75 at the Chief Petty Officers' Mess while listening and dancing to the music of the band "Fantasy".

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Authorized patrons and guests over the age of 18 are invited to enjoy the Super Bowl at the Enlisted Mess this Sunday starting at 2 p.m. For only \$5 per person, enjoy two large-screen TVs with stereo broadcast, a serve-yourself-buffet foodline, and disco to the band "Upstage" after the game is over.

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Movies

FRIDAY, SUNDAY	JANUARY 24, 26
"BABY — SECRET OF THE LOST LEGEND"	
Starring William Katt and Shau Young (Fantasy, rated PG, 93 min.)	
SATURDAY	
"COMPROMISING POSITIONS"	
Starring Susan Sarandon and Raul Julia (Comedy, rated R, 98 min.)	
MONDAY	
"COMMANDO"	
Starring Arnold Schwarzenegger and Rae Dawn Chong (Action, rated R, 90 min.)	
WEDNESDAY	
"KING DAVID"	
Starring Richard Gere and Alice Krige (Drama, rated PG-13, 114 min.)	
FRIDAY	
"REMO WILLIAMS: THE ADVENTURE BEGINS"	
Starring Fred Ward and Joel Gray (Adventure, rated PG-13, 121 min.)	
Starting Times: Matinee / 2 pm Evening / 7 pm	
(1) ALL AGES ADMITTED General Audiences	
(1PG) ALL AGES ADMITTED Parental Guidance Suggested	
(R) RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian	

Welcome slated

A "Welcome Aboard" reception will be held for new military officers and civilian Junior Professional employees on Tuesday at the Commissioned Officers' Mess starting at 5:30 p.m.

Reservations are not needed but a contribution of \$3 is being asked from everyone except the honorees and their spouses to offset the cost of the hors d'oeuvres.

Cdr. Earl Fisher, Lt. Victor Cerne, Lt. John Kelly, Lt. Kevin Haines, Cdr. Thomas Williams, LCDR. Joseph Antonio, and Capt. Larry Hickford are the military officers being welcomed aboard.

New Junior Professionals being welcomed include Janette Sylvian, Daniel W. Fagen, Hang S. Lee, John E. Langan, Jonal Yip, Lan V. Ngo, Gregory J. Hartmann, Norman D. Alexander, Morlin P. Hastings, Tim T. Yeung, Douglas W. Brost, Gabriel J. Zappia, Cecilia M. Kim, Russell L. Horn and Kim A. Kelly.

Also being welcomed aboard are Alexander Y. Kim, Stuart R. Blashill, Samuel S. Moore, John T. Guy, Vaino V. Kodas, Wayne A. Weimer, Charles D. Creusere, Ba Duong, and Hao N. Tran.

Auction planned

The annual "Creative Auction", a scholarship fundraiser sponsored by the Military Wives Club, will be held at the Commissioned Officers' Mess on Friday, Jan. 31.

The schedule of activities includes a social hour starting at the close of business hours and all-you-can-eat taco buffet will begin at 6, with the auction itself starting at 7:30.

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All measurements are made at Armitage Airfield.

Kern leaders hear Skipper talk about Center

During the past year military and civilian personnel at NWC totaled more than 6,600 and obligational funding authority reached \$719 million, Capt. K. A. Dickerson told the 2,200 conferees attending the 28th annual Kern County Business Outlook Conference in Bakersfield Wednesday.

The Center's Commander added that local area contractor support was up to 1,600 in Fiscal Year 1985, and major contracts ran \$97 million.

In noting that almost \$30 million has been spent to recover from the flood of 1984, he added that work continues to make sure that such a flood doesn't happen again. This work is being handled by Kern County contractors.

"We're finally adequately staffed after years of working short-handed," Capt. Dickerson said. "To be truthful, we have simply run out of places to put people."

He told the audience at Bakersfield Civic Auditorium that funding figures for FY86 are pretty much a rerun of last year, and that, allowing for inflation, the Center will be spending about \$30 million more in FY86 than in the previous year.

said," the Skipper continued, "that trying to land on a carrier is like trying to stop your car going 150 miles per hour in 50 feet, while the road moves along at 20 miles per hour."

The Center Commander concluded his remarks on the morning panel that "the future is looking bright, but it means a lot of hard work ahead of us. But working hand-in-hand with the Kern County community, we know that any goal is possible."

Other panelists at the morning session of the annual conference included Charles E. "Pete" Adolph, technical director of the Air Force Flight Test Center at Edwards Air Force Base; Ernest W. Hahn, a major shopping center developer; Mike Fitch, vice president for agribusiness affairs with Wells Fargo Bank in San Francisco; Earl F. Cheit, professor of business and public policy at the University of California Berkeley; Rodney Nahama, co-founder of Nahama & Weagant Energy Corporation of Bakersfield; Al Davies, senior vice president for resources with Zond Systems; Michael Carpenter, publisher of "Ad Week;" and Ernie Banks, former baseball Hall of Famer.

NWC RockeFeer

Capt. K. A. Dickerson
NWC Commander



Vol. XLI, No. 4 / January 24, 1986

Integrated CAE software package demonstrated

The Sidewinder Airframe MODS Program at The Naval Weapons Center recently demonstrated a software computer package that integrates a variety of mechanical engineering design, analysis, and test functions. The demonstration resulted from an experiment conducted by the Computer-Aided Engineering Support Office (CAESO) and involved the application of CAE capabilities that had been under development at NWC since 1981. These capabilities were initially started in the Thermal/Structures Branch (Code

3242), and they were subsequently developed to completion by the Sidewinder Airframe MODS Program (Code 39B3).

The software allows an engineer to develop engineering data that includes geometry information, analysis data, and test data in a unified data base that can access and be accessed by other engineering data bases. The demonstration showed how the CAE software could be used in conjunction with existing in-house engineering design, analysis, and test tools to provide a much enhanced capability for NWC engineers.

Although CAE has been an integral part of NWC's research-and-development efforts since the early 1960's, vast improvements in computer hardware and software during the past five years have produced a dramatic increase in the overall quality and capability of CAE.

Since 1980 there has been a proliferation of CAE hardware and software, resulting in a variety of engineering tools that are not always compatible.

In 1981, NWC recognized the growing

problem of incorporating the rapidly expanding CAE capabilities into an existing engineering design environment that was based on centralized mainframe computers, general-purpose software, and remote test facilities. This realization resulted in an Independent Exploratory Development Program (IED) to conduct an evaluation of the analysis and test capabilities available in-house. The initial effort was centered on experimental structural dynamics (modal analysis) capabilities, but subsequent funding from the Naval Air Systems Command (NAVAIR) 6.2 Structures Technology Block expanded the effort to include the development of integrated CAE structural dynamics and flutter analysis capabilities. Results from this work showed that a minicomputer-based experimental modal analysis system offered the most versatility and was best suited for developing an integrated design/analysis/test capability for NWC.

In 1983 the Center purchased two VAX 11/750 super-minicomputers to be used as the focal point for combining the engineering analysis and test functions. These minicomputers were installed in the Environmental Engineering Branch (Code 3665) where a significant portion of the

Divine Services

PROTESTANT

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

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

Prayer breakfast scheduled

Ticket sales have been brisk for the local observance of the National Prayer Breakfast scheduled for the morning of Thursday, Feb. 6. The breakfast will be held from 6 to 7:15 in the Enlisted Mess. All area residents, military and civilian, are invited to attend.

Honored guest speaker for the occasion will be Capt. K. A. Dickerson, NWC Commander; other prominent local residents from Ridgecrest and China Lake will also contribute to the program. Music will be courtesy of "Aviance," a group of members of the Sweet Adelines.

Medical clinic topic of meeting

All local military personnel and their adult dependents are invited to attend a seminar about the Branch Medical Clinic to be held Tuesday at 7 p.m. at Chapel Annex 4.

Cdr. Dean Hermann, Officer-in-Charge of the Branch Medical Clinic, will answer questions about clinic operations at this meeting sponsored by the VX-5 Wives Club and Ombudsman.

Parents are asked to leave their children at home rather than bringing them.

NWC Rocketeer

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Fire Division offers advice on survival on hotel fire

Would you know what to do when you are on travel in a strange hotel and smell smoke or hear the fire alarm going off in the hallway? In any case, your prime objective should be to leave the hotel at the first sight of smoke.

Super-heated fire gasses (smoke) and panic will almost always be the cause of death long before the fire arrives, if it ever does. This is very important. You must know how to avoid smoke and panic to survive a hotel fire. With this in mind, the Fire Division offers the following fire and safety tips for NWC travelers staying in hotels:

If you smell smoke, call the Fire Department, not the front desk.

If you smell smoke or hear the fire alarms, prepare to leave your room.

Take your room key. You may need it to retreat to your room. Leave all of your belongings in the room.

Feel the door with the back of your hand. If it's cool, open it slowly just a crack. See if there is any smoke. If the hall appears clear, head for the nearest exit. If you encounter smoke or fire and a secondary exit is not readily available, retreat to your room.

If you are trapped, stay calm and keep your door closed.

Place wet towels or bed sheets around the door to keep smoke from entering your room.

Open, don't break the window. If there is smoke outside, leave the window closed.

Stay low in smoke. Fresh air is near the floor.

If you discover a fire in the hotel or if the fire starts in your room, activate the fire alarm and go to the fire exit. When clear of the building, call the fire department.

When you are staying in a hotel use the following checklist:

Ask about the fire alarm signal and evacuation plans that the hotel may have. Obtain a copy and read it.

Check for smoke detectors. You should bring your own to be on the safe side. They are reasonably priced in most department stores.

Check for the closest two exits to the out-

side. Do not consider the elevator.

Count the number of doors between your door and the exit stairs. In smoke you may not be able to see the exit door.

Make sure the fire exit is not locked or blocked and does lead outside.

Instruct persons traveling with you to gather in a designated meeting place outside the building. Be specific.

Write down the fire department telephone number and make sure that you know how to dial it from your room.

Have your room key and a set of clothes available within reach of your bed.

Remember to pack certain safety items that may help you in the event of a fire:

Smoke detector. Not a big elaborate alarm system, but a simple battery operated unit that you can hang from the ceiling or drapes.

Flashlight. A penlight will do.

Two-inch-wide tape. This could be used to seal the door of your room to prevent smoke and other poisonous products of combustion from getting into your room.

Even though the fire alarms are ringing, take a second bang on your neighbor's door on your way by. There is no such thing as too many fire alarms.

— By NWC Fire Division

Retirees to meet on Wednesday

More than 800 retired military and civilian retirees from what is now the Naval Weapons Center and what was the Naval Ordnance Test Station are invited to attend a special program at the Center theater on Wednesday at 10 a.m.

Senior Center personnel will present an unclassified overview of current activities at the Center, recent accomplishments, and future plans.

Those retired from Civil Service will hear about personnel, legal and recreational items of interest; and military retirees will hear about medical, dental, Navy Exchange and Commissary, and personnel support matters.

Senior Center personnel will present an unclassified overview of current activities at the Center, recent accomplishments, and future plans.

Programs he was involved with during his detail to ONT received high level support and praise within the Navy, including his efforts toward development of ultra low loss fiber optics for Navy undersea data transmission.



ONT AWARD — Tom Loftess, NWC's Tactical Weaponry Support Technology Program Manager, received an Office of Naval Technology award from Glen Spaulding for his work in program management of the Tri-Service Electro Optics Program.

— Photo by PH2 Rick Moore

Nordic ski touring: A winter adventure

Cross-country skiing enthusiasts will be hard pressed to find more appealing ski country than the Sierra Nevada's eastern slope. From Kern Plateau to Virginia Lakes near Bridgeport, the eastern Sierra region offers skiing for beginners as well as terrain to challenge the most experienced Nordic skier.

From skiing snow-covered roads in the Inyo and Toyabe National Forests, to skiing steep canyons of the Lone Pine and Independence areas, skiers can choose trails to suit their experience level and need for a challenge.

To make it even easier for area skiers, the Naval Weapons Center's Recreational Services Department rents cross-country ski packages through the Camping Issue section of the NWC Gym. They offer a good selection of waxless skis along with boots and poles. Skiers can even rent car-top ski racks from the gym.

Mammoth Lakes attracts more Nordic skiers than any other part of the Inyo National Forest.

Three ski areas within the Mammoth area account for the bulk of use: The Lakes Basin, reached by following Lake Mary Road to the winter closure point; Mammoth Meadows, out Old Mammoth Road to the Sierra Meadows Touring Center and Shady Rest, behind the Inyo National Forest's visitor center at the edge of Mammoth Lakes Village.

Lakes Basin and Mammoth Meadows offer set and groomed trails, ski rentals and cross-country lessons in addition to being the starting point for marked, but ungroomed forest service trails. Shady Rest has no groomed trails, but includes more than 10 kilometers of marked trails winding through forested land to Inyo Craters.

Lands in the White Mountain Ranger District provide almost as much skiing opportunity as the Mammoth Ranger District of the Inyo. Bishop Creek and Rock Creek drainages are the popular Nordic destinations.

Bishop Creek Lodge, on the South Fork Road, provides not only 26-miles of groomed trails, but a complete ski center with a ski school. Bishop Creek Road is plowed as far as Aspendell on the Lake Sabrina fork and to Bishop Creek Lodge. There is an additional four kilometers of trails marked by the forest service in the Four Jeffrey Campground and the road to Lake Sabrina is a popular path for visitor use.

Rock Creek Road is plowed about six miles from Highway 395, or to within about two miles of the Rock Creek Winter Lodge. It also offers a full ski center and provides lodging, meals, guided ski tours and a back-country hut system for patrons.

The Sierra region above 8,000 feet is usually blanketed with abundant snow at least through April, and some years well into May. Skiers can take advantage of excellent conditions on most days. Clear skies, towering alpine peaks, tall trees and a feeling of relative isolation are part of the cross-country experience.

Unless the skier wishes, he or she need not be concerned with crowds and they never worry about lift lines.

Away from groomed trails provided (for a fee) by Nordic resorts, backcountry skiers can enjoy all the solitude they like. It is, for many, a new kind of wilderness experience. And, for the experienced skier, a challenge few places can equal.

Skiers who plan to enter wilderness areas are reminded they still need to obtain a wilderness permit, even in the dead of winter.

Cross country skiing is a unique experience and one time can get a person hooked.



NORDIC ADVENTURE — Karl Sidor of Code 012 tried his luck at cross-country skiing for the first time ever. Weather was perfect at the Shady Rest area of Mammoth Lakes for a first time skier.



DOW AGAIN — Getting back up after you fall can be the most difficult part about learning cross-country skiing as Karl Sidor (top) and Joe Boster discovered last week.

Story & Photos
by Steve Boster

Young hoopsters continue winter league play

Youth Basketball League play went into its second full week last weekend. Eighteen teams saw action in NWC Winter Youth League play this time out. The season continues into March.

Senior Division

Bullets 62, Clippers 32

The Bullets had no trouble with the Clippers in an easy victory. Chris Armstrong ripped the nets for 38 points as he single-handedly demolished the Clippers. Stacy Schoen added 12 points in the win while Perry Martineau chipped in eight points. The Clippers got a 12-point effort from Dean Boyak and eight points from Cecil Blank. Chris Blank and Gregory Parish had four points each in the loss.

Mavericks 46, Kings 40

Behind a 26-point explosion from Aldean Jones, the Mavericks nipped the hard-charging Kings. Richard Staples had 14 points in the win, while Kelcey Newman chipped in with six markers. Kris Meraz notched 23 points in a losing effort while Kevin Sizemore came up with eight points for the Kings.

Junior Division

Hawks 29, Jazz 27

Two evenly matched teams battled it out

Freedom kit available to smokers

The public is invited to phone the American Lung Association's toll-free number for a free "Kiss Your Butt Good-bye" packet. This packet includes a program called "Freedom from Smoking" that consists of two manuals designed to help the smoker quit within a 20-day period and to remain free of the habit.

In addition to the information about the Lung Association's stop-smoking programs, the packet includes stickers, buttons and balloons — all with the "Kiss Your Butt Good-bye" slogan. T-shirts with the phrase can also be ordered.

For the free "Kiss Your Butt Good-bye" packet, phone 800-724-7888, operator 535 during January.

Pony/Colt meeting set

The Pony/Colt baseball league will have their second meeting January 29th at 7 p.m. at the Elks Lodge. All persons interested in coaching or managing or being a board member are asked to attend. For further information please call Dave Patin at 446-6422 during the day and 375-7159 in the evenings.

Party boats are popular

Anglers heading out to sea on the daily "bottom-fishing" party boats from Morro Bay are also able to watch the whales making their way south to their breeding spots at Scammon's Lagoon.

In addition to their having a fun day at sea, they are averaging a catch of 13 fish each. Most of the fish caught are varieties of rock cod and bass, along with lots of red snapper. Some anglers are also bringing back lingcod and rock sole.

Anglers can make arrangements to go out on the boats leaving each morning at about 7 a.m. in such a way that they can also rent salt water tackle if they do not own any. Fishing boat owners ordinarily provide bait, and licenses (for anyone not holding a valid California 1986 license) can be purchased when arrangements are made to take one of the one-day trips.

on Saturday. The Hawks, led by a balanced attack, were narrow winners. Rodney Zagala had seven points in the win while Chris Brown added six. Michael Powell and James Witty had four points each. The Jazz got an eight point game from Christopher Marshall while Toby Fisher added six points and Robbie Stark notched four points in the defeat.

Pacers 40, Lakers 15

One of the most lopsided games of the weekend found the Pacers rolling past a hapless Laker squad. All nine players shared in scoring for the winners. Todd Mather's 12 points were tops in the win while Phillip Johnson and James Bell added six points each. Hymun Jones and Wade Patterson shared scoring honors for the Lakers with four points each. Mike

Strathee added three points in the loss.

Intermediate Division

Celtics 36, Rockets 17

Sean Gilbreath with 11 points, James Benator with four and Joe Celestine with two points were all the Rockets could muster on offense. Darrell Eddins ripped the opposition for 12 points in leading the Celtics squad while Carter Jones chipped in with 11 key buckets. Damon Kelling also had nine points in the easy victory.

Spurs 24, Huskies 26

Despite balanced scoring, the Huskies were nipped by the Spurs. Dwight Mason's 18 points paced the winning squad while he got an eight point assist from Scott Ross. Josh Moorhead's 11-point effort keyed the Huskies attack while Dennis Garrett added eight points in the loss.

Pistons 38, Nuggets 17
Behind Tom Mather's 20 points, the Pistons were easy winners against the Nuggets. Tom Halerman added 12 points for the victors under coach Steve Christian. Scott Hansen accounted for 15 of the 17 Nugget points while Duane McDonnell added the two remaining tallies.

Instructional Division

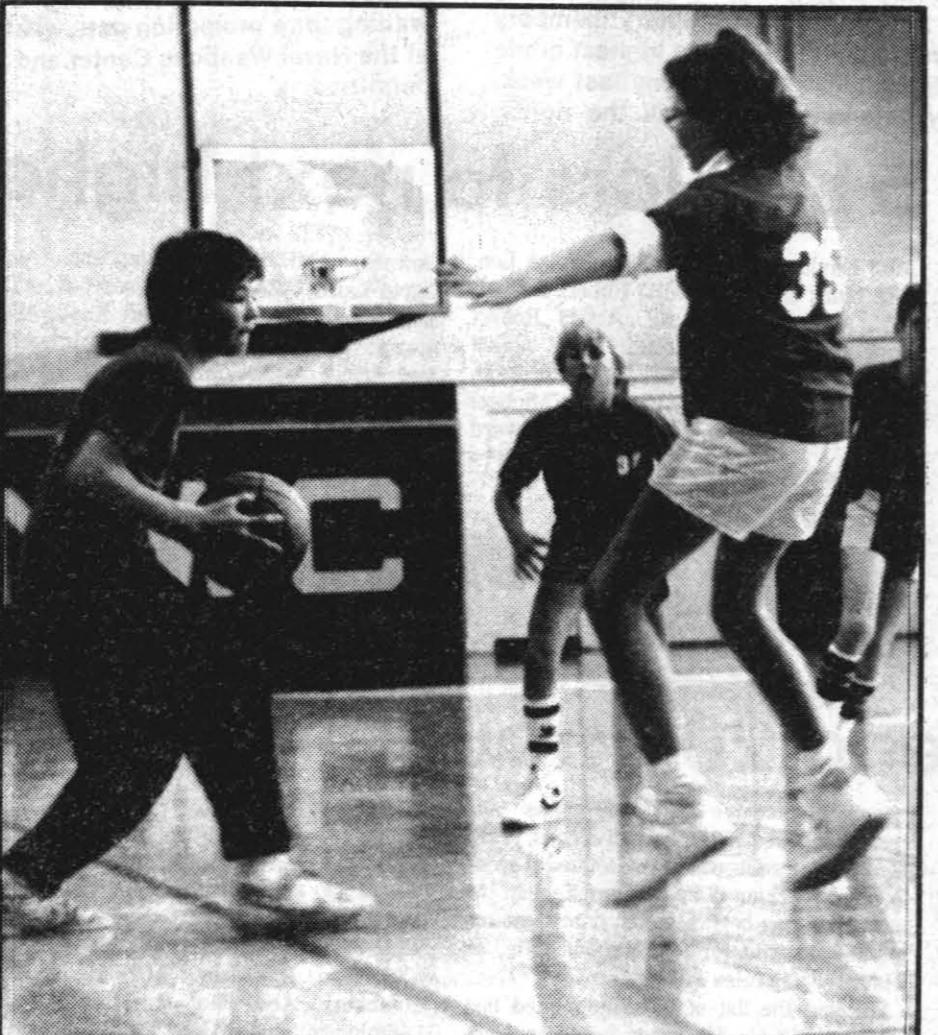
Bulls 17, Suns 12

Brian Beecroft and Mark Garland with 10 and two points respectively did the scoring for the Suns in their loss. Robert Haleman's 12-point effort was the key for the winning Bulls team. Keith Parrish and Shane Simpson had two points each.

Nets 18, Stars 10

Christopher Williams canned six points and Brett Becker four more as they keyed the Nets' victory against the Stars. Four other players had two points each. David Davis notched six points in a losing effort for the Stars while Jon Moffitt and Drew Bledsoe added two points each.

Sports



YOUTH CAGERS — Amanda Cordell (35) of the Hawks plays tight defense against a Jazz player during Saturday's action in NWC Winter Youth Basketball League action.

— Photo by PHAA Bob Reynolds

Jones' Mobile holds lead

Jones' Mobile retained top honors in the Premier Bowling League after bowling a positioning round. The leaders boast a 212-10 record. Bowlers from the Buggy Bath team hold second position with a 185-13 record and the Elks Lodge keglers are third with a record of 172-148.

It was hot Monday on the bowling lanes, with six bowlers rolling games of 220 or better and three of them topping 240.

Jim Dillon came in with a triple 200 series with games of 203-232-203 for a 638 series and top honors for the week. Ernie Lanterman with a 604, Pat Nalley with a 606 and Paul Cowan with a 608 also topped 600 for three games.

Cowan rolled a high game of 244 while Lanterman and Dave Vander Houwen had 243 games. Mike Dowd had a 233 game while Pat Nalley rolled a 224 game and Jeff Mattick had a 220 game.

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

Team honors for the week went to Thrifty Wash bowlers with a 786 team game and a team series of 2,280.

Standings

Team	W	L
Jones Mobile	212	108
Buggy Bath	185	135
Elks Lodge	172	148
Farris'	154	166
Thrifty Wash	149%	170%
Hideaway	149	171
The Place	146%	173%
Hoopers' Troop	112	208

Team

W

L

%

Record

Season

Record

F11-F aircraft at Armitage Field held world altitude record

This is part of a year-long series celebrating the diamond anniversary of Naval Aviation. Each issue of The Rocketeer this year will include an article about contributions to Naval Aviation from China Lake including historic aircraft, people and events as they relate to aviation history and milestones.

Powered by General Electric's J-79 engine, the F11-F now on display near Armitage Field once held the world's altitude record, even if it was only for a brief period of time.

On April 18, 1958, Cdr. G.C. Watkins flying from Edwards AFB, reached an altitude record of 76,393.

F11-F's first flew in 1954 and were delivered to the Navy in 1958, but were soon phased out of front-line service because new, supersonic, aircraft were developed to replace it.

The F11-F at Armitage Field still sports the "GE" on the tail because it was this experimental model under GE control that set the altitude record. It was destined for the Davis-Monthan AFB boneyard when Cdr. Tom Mix, Naval Liaison at Edwards, helped bring it to China Lake.

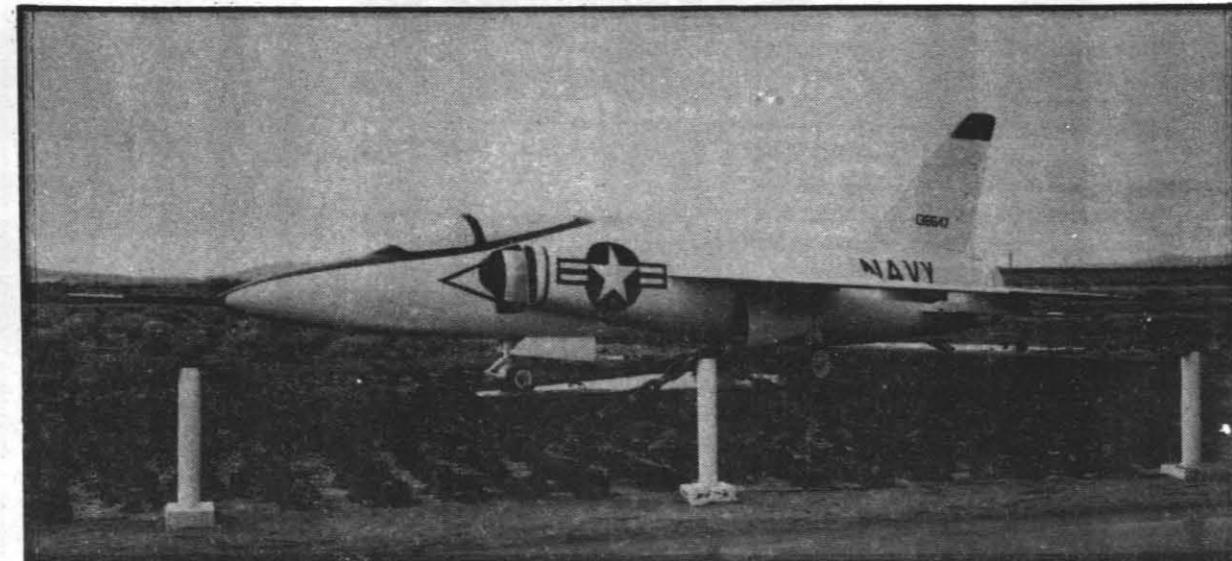
Earlier, in 1957, this F11-F became the first Naval aircraft to hit Mach 2, twice the speed of sound. It was also the primary test bed for GE's J-79 engine, one of the most widely sold jet engines of its era.

At the Naval Weapons Center it was used for several years in environmental testing before being put on static display at the airfield.

Along with the XF4D-1, also displayed at the airfield, the F11-F was first viewed by the public at Armed Forces Day at the Naval Air Facility in 1969.

More than 250 volunteer man-hours by NAF personnel went into getting the aircraft ready for display on that Armed Forces Day.

One F11-F shot itself down in 1956. The aircraft, flown by a Grumman Aviation test pilot, was knocked out of the sky



when it flew into 20mm projectiles it had fired just seconds before. The F11-F was also the aircraft flown by the Blue Angels Flight Demonstration team for several years.

It was also the first Navy fighter to be designed using the area-rule principle, but never gained wide acceptance by combat aviators.



China Lake Police Reports

Computer equipment valued at about \$1,650 was taken from Warehouse 15, according to a report filed with China Lake police.

+++

The Mini Mart reported theft of an electric grill, and the Navy Exchange reported that another Walkman radio had been stolen.

+++

Unknown persons entered the Public Works Department compound and removed containers in which excess vehicle parts were stored.

+++

A military man was picked up for driving under the influence at 2 a.m. Saturday and was held for 5 hours before being cited and released.

+++

On Sunday police located a female subject that the Kern County Health Department had been seeking. She is a carrier of a contagious disease that has apparently not been responding to treatment with penicillin, and had been a source of infection to others.

+++

An 11-year-old was arrested for damaging nine motorcycles at the BEQ parking

+++

Unknown persons removed a quantity of black steel pipe from a supply compound. Value of the missing pipe has not yet been reported.

+++

When a Public Works Department supervisor requested that a subject depart the work area and the subject refused to comply, China Lake police were called to encourage his leaving.

+++

When a military subject TAD at China Lake became drunk and disorderly at the Enlisted Mess at about midnight, got into an altercation, then went into the parking lot. Once there, using a sharp metal object, he damaged two vehicles. The owner of one vehicle caught him in the act. When police arrived, they arrested the miscreant and turned him over to the military.

In addition to solids modelling, graphics display, and file transfer capabilities, the I-DEAS software has modules that perform finite-element modelling and analysis, experimental modal analysis, experimental fatigue analysis, structural dynamics analysis, and data base management.

File transfer capabilities have been developed through the 6.2 Block work that allow the I-DEAS software to exchange data with other NWC structural and flutter analysis computer codes, such as, NASTRAN, PATRAN, and SAMGEN.

The software package, originally loaned to NWC by SDRC, was subsequently leased from the company during 1984-85. In June of this year the Sidewinder Program Office purchased the software for use on the AIM-9M Airframe MODS Program. It has also been used extensively on the AIM-9M Product Improvement Program (PIP), Tail-Control Sparrow, and Vertical-Launch ASROC (VLA).

Many of the general purpose terminals evaluated in the experiment, as well as others that are I-DEAS-compatible, are now in use at the Center and can be used to access the I-DEAS software through DECNET and Ethernet.

JP. THIS IS THE 75TH ANNIVERSARY OF NAVAL AVIATION.

GEE, I WONDER WHAT IT WAS LIKE IN THE OLD DAYS, LIKE IN VIETNAM?

VIETNAM, OLD DAYS! JP YOU HAVE A GREATLY DISTORTED TIME PERSPECTIVE. MANY OF THE AIRCRAFT AND A LOT OF THE SYSTEMS, DEVELOPED RIGHT HERE, ARE STILL IN USE...

ANCIENT!

JP! I WORKED ON SOME OF THOSE SYSTEMS.

WOW MAN! THAT BLOWS MY MIND, THAT STUFF IS ANCIENT.

I REST MY CASE.

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Long-term training application deadline set for March 3

Applications for long-term graduate and undergraduate level training (off-center training for a period of more than 120 consecutive days) for 1986-87 are invited from interested NWC employees.

To be eligible for long-term training, an individual must have been employed at NWC three years at the time studies begin.

Long-term training may be considered to meet any of the following objectives:

(1) To update an employee's knowledge where there has been an appreciable lapse of time since the initial academic preparation for employment and subsequent in-service training.

(2) To provide a technically oriented employee with tools of management when job responsibilities have or will become predominantly managerial in nature.

(3) To expand an employee's knowledge and background within his or her occupational specialty, whether he or she occupies a technical or nontechnical position, by providing an opportunity to learn about significant developments or breakthroughs as they pertain to the mission of the Center.

(4) To acquire knowledge of some aspects of another occupation as they relate to an employee's present occupation where responsibilities tend to be interdisciplinary or multidisciplinary in nature.

(5) To provide for educational opportunities stressing motivational and human relations factors that contribute to effective technical and managerial competence.

Both graduate and undergraduate programs are supported by NWC. Applications will be considered in any area of study that relates directly to NWC program requirements. The primary criteria followed in determining when long-term training is used in lieu of after-hours, part-time, or short-term programs are as follows:

(1) The new knowledge and skills required of the employee, either in present or planned career assignments, necessitate a comprehensive, concentrated program of study.

Recent Additions

Code	Name	Title
0833	Ball, Marilyn J.	Clerk-typist
089	'happelle, Patricia D.	Clerk-typist
08C1	Ross, Pamela J.	Operations Research An.
091	Fedoriga, Barbara M.	Employee Relations Spe.
091	Tofson, Sandra J.	Clerk-typist
123	Redditt, Robert E.	Computer Scientist
14111	Gorrono, Steve B.	Student Trainee (Elex.)
24223	Hoffman, Paul R.	Firefighter
2522	Bailey, Netta J.	Clerk
26414	Caldwell, Ezekiel	Painter
26414	Heath, Paul W.	Mathematician
3112	Smallwood, David M.	Electronics Engr.
3113	Sim, Michael J.	Electronics Engr.
3335	Seavey, Robert C.	Electronics Engr.
3337	Ogilvie, Bryan J.	Electronics Engr.
3351	Hogan, Michael J.	Electronics Engr.
35062	Leverett, William J.	Electronics Engr.
352	Tran, Duke H.	Electronics Engr.
3553	Maddox, Paul A.	Electronics Tech.
3653	Zielke, Daniel B.	Engrg. Tech.
3664	Ayers, Ferguson	Electronics Engr.
6131	Lundin, Steven J.	Electronics Engr.
62122	Wolfson, Julius N.	Electronics Tech.
6231	Eggers, Steven D.	Electronics Tech.

Recent Separations

03	Campbell, Katherine C.	Clerk-typist
0824	Saitz, Jessica A.	Computer Clerk
0833	Wood, Joseph L.	Financial Mgt. Advisor
0836	Davis, Lois A.	Budget Asst.
08621	Felsen, Carla A.	Clerk
08623	Wooten, Janet R.	Clerk-typist
087	Nelson, Aleca J.	Budget Asst.
1412	Browne, Henry N. Jr.	Mathematician
24311	Campbell, Lorrie D.	Clerk-typist
25012	Cherry, George D. Jr.	Clerk-typist
25012	Morris, Ronald D.	Computer Clerk
331	Reed, Joann H.	Clerk-typist
331	Saikin, Laurie A.	Admin. Officer
3433	Melton, Mary I.	Clerk
3511	Bullard, Steven G.	Computer Clerk
3644	Jeanjaquet, Louis E.	Model Maker
3651	Gehres, Erika R.	Clerk
3658	Hensley, Sara L.	Clerk-typist
38102	Rosenthal, Joyce S.	Secretary (Typing)
391	Wolverton, Carol	Clerk-typist
3917	Deaton, Jack W.	Physicist
3925	Swanson, Darren W.	Engrg. Aid
61	Giegerich, Lisa M.	Clerk-typist
6223	Burks, Robert C.	Engrg. Tech.
6231	Lilly, Phillip J.	Engrg. Tech.
62332	Torres, Manuel A.	Electronics Tech.
6421	Patterson, Ynette L.	Clerk-typist

Non-appropriated Funds Instrumentalities Arrivals

Kunde, Leslie P.
Grady, Melissa

(2) The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term, full-time duration is required.

(3) It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.

(4) There is no educational institution or academic program in the local or community area for part-time or after-hours training.

Navv Civilian Personnel Command funds are available to cover the trainee's travel allowances to and from the school (one round trip), tuition and fees required for enrollment, and payment for moving his or her immediate family and household goods to the school and back to the center. NWC will be responsible for the trainee's salary.

The following areas of critical need have been established by Center management: Electrical Engineering (particularly systems, microelectronics, radio frequency technology, digital communications, software, electronics, modern controls, radar systems, avionics, and semi-conductors); Mechanical Engineering (analytic mechanics, mechanical design); Aeronautical Engineering; Chemistry (advanced analytic techniques, polymer chemistry); Physics (particularly optical science, microwave, semi-conductors and detonation physics); Material Science (composites); Computer Science (in a specialization other than that offered at NWC); Reliability Engineering; Applied Mathematics; and Management Information Systems.

At the undergraduate level, there is a continuing need for engineers (mechanical, aerospace, and particularly electrical); Computer Scientists (in a specialization other than that offered at NWC); Physics; Mathematicians; Occupational Safety Specialists, and Management Information System Specialists.

Programs of study at both the graduate and undergraduate level are not limited to these areas however.

Requests for extensions for fellowships that have previously been approved will be considered by the Long-Term Training Committee. All personnel should include in their extension request a statement from the applicant citing reasons for the extension, a record of the grades received to date, future planned courses both during the approved period and the period requested in the extension. An alternative course of action (LWOP, on-Center work, reapplying at a later date) should be provided in the event that the extension is not approved. All extension requests require a department endorsement (either positive or negative in order to be considered by the Long-Term Training Committee).

Further details of the long-term training program are provided in NAVWPNCENINST 12410.5L of 30 Sep 1982, and in the Long-Term Training Handbook. Both sources are available from department offices or from the Training Center.

The long-term training application process has been streamlined since issuance of the handbook, so applicants are advised to contact Code 094 (NWC ext. 2349, Training Center Bldg 947, Rm 212) for application forms. The deadline for submission of applicants for programs commencing in the fall semester or fall-winter quarter of 1986-87 is March 3, 1986.

Counseling regarding the various programs is available from Steve Lee, Code 094, NWC ext. 2468. Information on application procedures is available from Nancy Saxton, Code 094, NWC ext. 2349.

Center seeks to maximize skills of its employees

Navv Weapons Center takes very seriously the mission of research and development. To complete that mission the Center recognizes the need to maximize the skills of its personnel. To maximize their resource, NWC has established programs to both recruit new talent, and to maintain, upgrade and develop skills for current personnel.

As an employee at NWC, what is your part in the NWC mission? The obvious answer is to do your job to the best of your ability. But is that the only part? If you are underutilized, if you are not meeting your career goals, if your skills are becoming obsolete, are you not serving the needs of the Center or yourself to the best of your ability?

So you have the additional responsibility of evaluating yourself in terms of how well you meet the needs of the Center and yourself. To begin this evaluation:

1. Where are you? Review your evaluations, your pay, your promotion rate, your skills and how they are used. Use your PMA and/or your supervisor as a resource.

2. Where do you want to be? Review your job series and its growth history and its potential. Establish a time frame to achieve your goal. Your PMA and line managers are useful resources for this assessment.

3. What do you have to work with? Use yourself, supervisors, a PMA and/or an EDS to evaluate the level and marketability of your knowledge, skills and abilities. Then identify the impact of these KSAs on your career goals. Identify your strengths and weaknesses. Then identify your desire and ability to improve the weaknesses and maximize the strengths.

4. What do you need to achieve your goals? After identifying the "where, what and when" of your goals, identify the requirements of the "what". The X118 is the official guide to basic job criteria. However, position descriptions, PMAs and NWC personnel currently in those series will provide additional data as to actual duties and details of particular jobs.

5. How do you get there? First, dismantle and reassemble your 171. Emphasize KSAs that are pertinent to your career goal. Review your 171 as if you were the selecting official. Would you hire you based on your 171? Get counseling. Career development information is available via classroom and self-study training, one-to-one sessions with an EDS, a PMA or the Upward Mobility Program manager, and through the local colleges.

Generate some positive interest in yourself. Let appropriate people know you are interested in advancement or career changes. Don't be content to wait for someone else to act on your behalf. You are your best advocate because you have the most to gain. Get training before you need it. Whether it is self-study, on-the-job-training, or classroom, Center sponsored or personal initiative, academic or hands-on training is always valuable. As in all things, playing "catch-up" is the hard way to advance. The NWC training division is constantly upgrading and expanding all levels of training. Keep in contact on a regular basis, not just once a year, at review time. You can't beat the price or the convenience of their programs.



Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attaché 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 the 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. 08-007, Computer Systems Analyst, DA-3

DS-341-1, Code 08C2 — The incumbent organizes data and information for a large data base system into an efficient configuration management plan. Writes specifications for a programmer to give logical and efficient access for status reports on software, benchmarks, etc. Acts as Secretariat for Change Control Board meetings. Will be the Librarian for Documentation, S/W, Change Tapes, Backup Tapes, etc. Knowledge: of Configuration Management Procedures. Abilities: to use computers in a CM application; to communicate effectively orally and in writing. Promotion potential to DS-2.

No. 08-008, Program Analyst, DA-345-1,

Code 0882 — This position is located in the Central Staff, Accounting Division, Cost Accounting Branch. Incumbent will serve as a Program Analyst for systems review and implementation in the Government Orders Section. Duties include review of current NSA, APA, and Interfund Billing Operational Procedures for compliance with regulations; recommendations for revisions to current procedures; review and implementation of procedures under STAFs; preparation and revision of research and reconciliation procedures for subsidiary ledger accounts. Abilities: to communicate effectively with individuals at all organization levels on and off Center both orally and in writing; to plan, organize, and coordinate complex analysis efforts; to gather and analyze financial data.

Knowledge: of current NWC financial system operations and procedures; of NWC organizational structure; of NWC administrative policies, procedures, and regulations; of the Document Entry System; of NAVCOMPT regulations in particular Volume 8; of NSA and APA supply cycles; of Interfund Cycle. Promotion potential to GS-6.

No. 08-009, Accounting Technician, GS-524-5/6, Code 0861 — This position is located in the General Ledger Section of the General Accounting Branch. Incumbent will perform a variety of duties in connection with the Navy Industrial Fund (NIF) Ledger maintenance and controls; assists in the maintenance of all NIF general Ledger accounts; separates vouchers by accounts and determines whether they are receipts or disbursements; reconciles subsidiary accounts with the General Ledger; establishes cash controls between General Accounting and ADP for cash input; helps with preparation of monthly, quarterly, and yearly Financial Statements; prepares reimbursable orders to activities who are performing work for NWC; and performs other related assignments with the branch. Job Elements: Knowledge of avionics integration systems; knowledge of operational software and development and test; knowledge of Center support functions; ability to deal effectively with personnel within and outside the government; knowledge of Center EEO policies and procedures. Promotion potential to DA-4.

No. 31-005, Supervisory Electronics Technician, DP-856-3, Code 3145 — This position is head of Airborne Tactical Instrumentation Branch in the System Integration and Evaluation Division (Code 314) of the Aircraft Weapons Integration Department. The branch is responsible for (1) development and coordination of requirements for test and evaluation of aircraft avionics/weapons systems including definition of test requirements, preparation of test plans and procedures, and test coordination; (2) development, use and support of aircraft system instrumentation; (3) support of installation, checkout, and grooming of avionics; (4) system maintenance support, and (5) laboratory, ground and flight test support. Job Relevant Criteria: Knowledge of avionics integration techniques and processes; knowledge of aircraft instrumentation systems; knowledge of operational software and development and test; knowledge of Center support functions; ability to deal effectively with personnel within and outside the government; knowledge of Center EEO policies and procedures. Promotion potential to WS-10.

No. 31-006, Interdisciplinary Supervisor (General/Electronics/Mechanical Engineer/Physicist) DP-801/855/1310-3/4, Code 3302 — This position is in the Phoenix Ordnance Technical Manager. Under the incumbent's direction, the Technical office manages the ordnance related activities at NAVWPNCEN (typically 30 to 35 man-years) and at various contractors in support of the Phoenix Missile Program. Technical direction is provided for various NAVAIRSYSCOM contracts. The incumbent is responsible for providing leadership for the NAVWPNCEN technical team supporting the program and for the direct management of the Technical Office personnel. In addition, the Phoenix Ordnance Technical Manager provides the primary point of contact for the NAVAIRSYSCOM Phoenix Program Manager and is responsible for interfacing with all levels of NAVWPNCEN management, NAVAIRSYSCOM sponsors, other government agencies, and contractors. Knowledge: general knowledge of guided missiles and the development process; of the Navy system acquisition process and funding system; specific technical knowledge of guided missile ordnance design is desirable, but not required. Abilities: to provide effective technical and managerial direction to a multi-disciplined technical team; and to communicate effectively, both orally and in writing. Promotion potential to DA-4, but not guaranteed.

No. 31-007, Supervisory Interdisciplinary (General/Electronics/Mechanical Engineer/Physicist) DP-801/855/1310-3/4, Code 3302 — This position is located in the Outside Machine Shop, Process Support Branch, Process Systems Division, Ordnance Systems Department. The duties of the position are performed in the China Lake and Salt Wells Laboratories, where 90 percent of the machinery and process equipment is used in the research and development of propellants, explosives, pyrotechnics and related materials. The incumbent works directly with process employees, and is responsible for repairing various machinery used planning the sequence of operatives, assembling or fabricating required components from available industrial parts, laying out work to be done, fabricating the required equipment. Job Elements: Knowledge of personal computer hardware/software (especially IBM PC and clones, Macintosh, and Hewlett Packard); knowledge of PC operating systems and communication techniques; knowledge of peripherals and interfaces; ability to express thoughts effectively, and work as part of a team. Status eligibles may apply.

No. 32-196, Welder, WG-3703-10, Code 3233 — This position is located in the Outside Machine Shop, Process Support Branch, Process Systems Division, Ordnance Systems Department. The duties of the position are performed in the China Lake and Salt Wells Laboratories, where 90 percent of the machinery and process equipment is used in the research and development of propellants, explosives, pyrotechnics and related materials. The incumbent works directly with process employees, and is responsible for repairing various machinery used planning the sequence of operatives, assembling or fabricating required components from available industrial parts, laying out work to be done, fabricating the required equipment. Job Elements: Knowledge of personal computer hardware/software (especially IBM PC and clones, Macintosh, and Hewlett Packard); knowledge of PC operating systems and communication techniques; knowledge of peripherals and interfaces; ability to express thoughts effectively, and work as part of a team. Status eligibles may apply.

No. 32-197, Explosives Test Operator Foreman, WS-515-10, Code 3272 — Supplemental Required. Located in the Processing Section of the Propellants Branch, incumbent supervises from 10 to 12 explosives operators, explosives test operators and machinists. The work supervised involves: fabrication, modification, and installation of plastic parts; preparation, modification, and fabrication of ordnance test items; completing of numerous operations vital to successful processing of experimental/developmental propellants, explosives, and propulsion systems. Elements: Ability to supervise; to interpret instructions, specifications, etc.; knowledge of technical practices; of materials; of pertinent tools and equipment; and willingness to support Federal EEO policies and procedures. Promotion potential is WG-10. Supplemental Required.

No. 32-198, Supervisory Electronics Technician, DP-856-3, Code 3145 — This position is head of Airborne Tactical Instrumentation Branch in the System Integration and Evaluation Division of the Aircraft Weapons Integration Department. The branch is responsible for (1) development and coordination of requirements for test and evaluation of aircraft avionics/weapons systems including definition of test requirements, preparation of test plans and procedures, and test coordination; (2) development, use and

potential to DP-4, but not guaranteed. DP-4 will be filled by reassignment only. Willingness to support EEO objectives.

No. 33-005, Security Clerk, GS-303-4/5, Code 3302 — This position is located in the Fuze and Sensors Department Staff Office. The incumbent will perform the following duties: (1) custody control point for the department; (2) assistant security coordinator; (3) focal point for personnel actions and status; (4) receives and processes incentive awards and serves as secretary to Department Awards Panel; (5) performs other administrative duties as required. Knowledges: of security procedures and control; personnel procedures; Abilities: to plan, organize and accomplish work independently; ability to perform a variety of clerical/staff functions. If filled at GS-4 or GS-5 level, promotion potential is GS-6, but not guaranteed. Status eligibles may apply.

No. 34-001, Technical Publications Writer/Editor (PS&E), DA-1083-1, Code 3464 — Located in TID Field Branch 4, the incumbent is responsible for writing and editing technical publications, supporting department technical programs, and planning and preparing documentation in support of major programs. The incumbent works closely with engineers and program managers to identify publications requirements and produce technical reports and documentation in support of RDT&E programs. Knowledge of publishing techniques and grammar. Ability to write and edit technical material using specialized skills. Ability to work with civilian and military customers. Ability to communicate effectively both orally and in writing. Promotion potential to DA-3, but not guaranteed.

No. 34-002, Administrative Officer, DA-341-1/2/3, Code 341 — This position is located in the Publications Division, Technical Information Department. Incumbent serves as assistant to the Division Head with primary responsibilities in the area of budget development and monitoring; contracts; space, facilities, and equipment management. Performs management analysis pertaining to resources, division policies, and other organizational issues. Analyzes customer publication requirements and advises on format and printing. Serves as department's primary liaison with Navy Publications and Printing Service Office. Manages printing cost distribution account. Job Relevant Criteria: Ability to gather information from written documents, data sheets, instructions, and regulations; plan, organize, coordinate, and complete different types of work. Ability to establish and maintain effective working relationships. Ability to communicate both orally and in writing. Knowledge of publication and printing processes. Knowledge of budget and cost distribution account rules, regulations, and procedures.

No. 35-012, Computer Specialist, DS-334-1, Code 3551 — Incumbent will carry out procedures relating to (a) configuration management of Electronic Warfare software both existing and developmental, and (b) development and maintenance of data bases for Electronic Warfare data products. Procedures include handling documents and computer media with an emphasis on automated configuration management programs and data base systems. Software library maintenance will be included. KSA: Knowledge of computer operations. Ability to initiate and maintain software CM data base programs. Ability to deal with technical personnel at all levels, on and off the Center. Ability to employ video display terminals for computer entry and manipulation of text and data. Promotion potential to DS-3.

No. 35-013, Mechanical Engineering Technician, DT-802-2/3, Code 3545 — This position is located in the Pulsed Power Development Branch in the Microwave Development Division of the Electronics Warfare Dept. The incumbent provides mechanical engineering support in the

areas of design, layout, fabrication, assembly and documentation of components and subassemblies for radar and emitter systems. Job Relevant Criteria: Skills: The use of hand and tool tools such as drill press, lathes, milling machines; sheet metal work; welding and brazing techniques; packaging and fabrication of mechanical parts. Abilities: Coordinate fabrication of mechanical and machine parts with other organizations; read, develop and maintain engineering drawings. Design layout and packaging of complex high voltage electrical and mechanical components and assemblies. Promotion potential DT-3.

No. 36-107, Machinist Helper, WG-3414-5, Machinist, WG-3414-8, Code 3464 - (Multiple Vacancies) — Supplemental required. These positions are located in the Computed Aided Manufacturing Branch, Engineering Prototype Division, Engineering Department and are part of a pre-journeyman development program. The incumbent will operate conventional and NC/CNC machine tools, including lathes, milling machines, saws, drill presses, and grinding machines. Incumbents grind metals, metal alloys and non-metallic parts; makes minor machine adjustments and setups; checks own work using tools common to the machinist trade; and performs general branch work using hand tools. Elements: Ability to: set up and operate conventional machine tools and attachments; use hand and power tools; to perform machining operations. Skill in machining parts to required tolerance. Knowledge of: machinist trade theory and technical practices; shop drawings, lay-out work and measuring devices; hand tools and fitting. Promotion potential to WG-11, status eligibles may apply.

No. 36-110, Engineering Aide, DT-802-A, Code 36571 — Position is a "bridge position" which provides qualifying experience to allow the individual to develop a career field as an Engineering Technician. Incumbent participates in a career development program to learn: necessary skills to create mechanical/electrical drawings, prepare technical illustrations; perform dimensional tolerance studies; perform drawing services for completeness and conformance to standards and use of CAD/CAM equipment to accomplish above items. Elements: Ability: to interpret and apply instructions and procedures; to work well with others; to work independently. Multiple vacancies. Promotion potential DT-3.

No. 61-003, Airspace Management Specialist, DS-301-1/2/3, Code 6107 — This position is located at the R-2508 Central Coordinating Facility at Edwards AFB, California. Incumbent schedules and coordinates all military utilization of the R-2508 Restricted Airspace Complex and exercises airspace management of the FAA assigned Special Use Airspace in accordance with existing rules, regulations, written agreements, and policies of the R-2508 Complex Control Board. Knowledges: of policies, regulations, and procedures associated with Special Use Airspace Management. Abilities: to coordinate airspace user requirements, including large scale training exercises, of all military services; to interface effectively with Federal Aviation Administration personnel responsible for air traffic service within Special Use Airspace; to prepare and provide airspace briefings to various users of the R-2508 Complex; to learn system administration duties of a computerized scheduling system. Status eligibles may apply. Promotion potential to DS-3. Promotion not guaranteed.

No. 61-004, Interdisciplinary, General Engineer, Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace, Engineer, Mechanical Engineer, DP-801/855/1550/1310/1520/861/830-3, Code 31904 — This position is located in the Foreign Military Sales Support Activity (FMSSA), Aircraft Weapons Integration Department. The FMSSA is responsible for the technical management of weapons system software life-cycle support for Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will manage comprehensive support programs for FMS customers. Incumbent will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will coordinate all FMS efforts for the F/A-18 WSSA. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and the FMS customers. In all such liaison, the incumbent will represent the F/A-18 WSSA. As a member of the F/A-18 team, the incumbent will be responsible for the design and implementation of software for the BOSEN project. Position performance will require the incumbent to have a good understanding of clear designs, structured coding, and good documentation. The work will be performed within a team of software and hardware developers. Experience with DEC LSI-11 hardware; LSI-11 assemble language; RSX-11-PLUS operating system;

tion; deal effectively with all levels of both technical/management personnel including NWC, other activities, Command, sponsors, and contractors; and make oral and written presentations. Promotion potential to DP-4. DP-4 will be filled by reassignment only.

No. 64-009, Supervisory Engineering Technician, DT-802-3, Code 6432 — This position is located in the Aerostystems Department, Recovery Systems Division, Code 6414. This position is not located at the airfield. The incumbent will serve as head of the Recovery Systems Test Branch. This branch is responsible for designing tests for parachute related systems to assure proper data is obtained to thoroughly evaluate the system under test. Other functions include scheduling, cost estimating and directing the test. Other functions include scheduling, cost estimating and directing the test. Included is the fabrication of test vehicles and test related hardware. Knowledges: of affirmative action procedures including a willingness to support EEO; of test vehicles and test hardware. Abilities: to deal effectively with all levels of people; to plan, organize and make cost estimates; to supervise. Previous applicants need not apply.

No. 64-008, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer), DP-801/830/855/861-3/4, Code 643 — This position is head of the Engineering Support Division located in the Aerostystems Department. This division provides basic design, logistic management and production/quality assurance support to the Fleet; provides a Textile Materials Center that conducts textiles related research and development projects; and provides textiles laboratory test capabilities in support of both RDT&E and Fleet support projects. It serves as the Navy's Cognizant Field Activity for emergency egress parachute/torso harness restraint equipment and In-Service Engineering Activity support for premediated personnel parachute equipment. The incumbent reports directly to the department head in providing managerial, technical and fiscal planning in support of the assigned programs. Knowledges: of electronics and electromechanical devices; the test and evaluation process; and affirmative action including a willingness to implement EEO process. Abilities: to manage an organization;

No. 09-069, Computer Assistant, GS-335-4/5/6, Code 09803 — Inputs personnel transactions into the automated personnel system, runs programs and checks results to ensure proper systems operations and that output products are correct. Traces and corrects errors. Prepares and modifies runstreams and local system control cards to produce proper file updates and desired outputs. Performs database maintenance via S2K. Elements: Knowledge: of UNIVAC operating systems; of System 2000 (S2K) retrieval language and updates; of full range of personnel actions; of COBOL language. Ability: to operate a computer terminal. Status eligibles may apply.

Reassignment opportunities

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

No. 31-004, Interdisciplinary, General Engineer, Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace, Engineer, Mechanical Engineer, DP-801/855/1550/1310/1520/861/830-3, Code 31904 — This position is located in the Foreign Military Sales Support Activity (FMSSA), Aircraft Weapons Integration Department. The FMSSA is responsible for the technical management of weapons system software life-cycle support for Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will manage comprehensive support programs for FMS customers. Incumbent will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will coordinate all FMS efforts for the F/A-18 WSSA. The incumbent will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and the FMS customers. In all such liaison, the incumbent will represent the F/A-18 WSSA. As a member of the F/A-18 team, the incumbent will be responsible for the design and implementation of software for the BOSEN project. Position performance will require the incumbent to have a good understanding of clear designs, structured coding, and good documentation. The work will be performed within a team of software and hardware developers. Experience with DEC LSI-11 hardware; LSI-11 assemble language; RSX-11-PLUS operating system;

No. 31-005, Interdisciplinary Electronics Engineer/Physicist, DP-855/1310-2/3, Code 3155 (2 vacancies) — These positions are located in the Airborne RF Targeting

and software engineering techniques are required. Knowledge is desirable in other areas of computers and software development. Ability to develop software designs and code from algorithm, flow charts and state diagrams, and to work in a team environment with minimum supervision is desirable. Please send updated SF-171 to Cheryl Preul, Code 36209, NWC ext. 1051.

No. R-109, Interdisciplinary Electronics/Mechanical Engineer, DP-855/830-2/3, Code 3626 — This position is located in the Control Design Branch, Systems Engineering Division, Engineering Department. Incumbent will perform design, procurement, installation, and operation of computer controlled test equipment in support missile rate gyroscopes and inertial sensors. Knowledge of inertial instruments is desirable but not essential. Skills and abilities with small computers, especially control of instrumentation, are essential. Procurement skills are very desirable. To apply for this position, please submit a current SF-171 to Cheryl Preul, Code 36209, NWC ext. 1051.

No. R-108, Interdisciplinary Chemical/Electronics/Mechanical/General Engineer, DP-855/830/801-2/3, Code 3626 — This position is located in the Battery Application Group, Control Design Branch. The incumbent will perform design, analysis, test and evaluation, and production support of special thermal batteries, primarily for missile applications. Knowledge of electrochemical systems and missile power systems is desirable. Ability to com-

municate effectively both orally and in writing is essential. To apply, please submit current SF-171 to Cheryl Preul, Code 36209, NWC ext. 1051.

Scope: This class will help supervisors and managers increase their skills in the areas of communication, collaboration, and managing conflict. You will have the opportunity to apply new supervisory tools to your own job. You will experience the tools, techniques, and approaches of each topic by applying them in a variety of one-on-one and small-group exercises. Discussion issues will include cultural diversity in the workforce.

Deadline: 13 February.

THE THREE Cs FOR EFFECTIVE TEAM BUILDING IN THE WORK SETTING

28 February, Friday, 0900-1430, Training Center. Dr. J. Mitchell.

Scope: This class will help supervisors and managers increase their skills in the areas of communication, collaboration, and managing conflict. You will have the opportunity to apply new supervisory tools to your own job. You experience the tools, techniques, and approaches of each topic by applying them in a variety of one-on-one and small group exercises. Discussion issues will include cultural diversity and techniques for mainstreaming employees into the work force.

Deadline: 13 February.

STRESS: SOURCES, MANAGEMENT, AND PREVENTION

6 March, Thursday, 0800-1700, Cerro Coso City Center, Room 9. By: Cerro Coso Staff.

Scope: You will learn to control your own level of tension in spite of external pressures and you will increase your skills in dealing effectively with stresses in the business world to better your productivity and satisfaction. You will learn how to identify and cope with stress as a positive force for personal adjustment.

Deadline: 18 February.

PERSONNEL POLICIES AND PROCEDURES FOR ADMINISTRATIVE PERSONNEL

10-12 March, Monday-Wednesday; and 19 March, Wednesday; Training Center. By: Code 09 Staff.

AGENDA

10 March 0800-1130	Position management Classification Pay systems	Ann Kurotori Herb Baker Herb Baker
11 March 0800-0900	What to look for in selecting employees	Mary Moore
0900-0915	Break	Heidi Richardson
0915-1100	How to fill vacancies	Heidi Richardson
1230-1415	EEO as part of personnel management	
1415-1430	Break	
1430-1600	Special Emphasis Program Handicap Employment Program Upward Mobility, Federally Employed Women	
12 March 0800-0930	Performance evaluation systems (demo & nondemo)	Jerry Stein
0930-0945	Break	
0945-1115	Developing & training employees	Clara Erickson
1245-1600	How to deal with performance problems How to deal with employee behavior problems Employee Assistance Program	Ed Rockdale
19 March 0800-0915	Labor relations Grievances Privacy Act	Bruce MacIntosh
0900-0915	Break	
0915-1030	Rewarding employees Workman's compensation	
1030-1130	Conclusion	Greg Morrow and Roger Peck

Personnel Development Opportunity

WOMEN ON TRAVEL

20 February, Thursday, 0800-1600, Training Center. By: Gene Schneider.

Intended Audience: Women who go on government travel.

Scope: This class should help you become more comfortable with traveling alone. The class will teach you how to deal with airlines, car rental agencies, hotel staff, etc. There will be specific information on traveling from NWC, using the Travel Office, and on filling out forms and vouchers. The discussion will include what to wear, what to carry, and what to pack; how to make reservations, especially for business travel; survival tips for airports, hotels, and car rental agencies; tips on tipping; and traveling to Washington, D.C. (including how to use the subway). Discussions also may include tax rules pertaining to business travel and specifics on international travel as time permits.

Deadline: 6 February

LEADERSHIP EFFECTIVENESS FOR SUPERVISORS
27 February, Thursday, 0900-1430, Training Center. By: Dr. J. Mitchell.

Deadline: 19 February.