

'Broadway Harmony' presented tomorrow by Sweet Adelines

"Lullaby of Broadway" is not only one of the songs that will be heard during the annual show presented tomorrow at the Burroughs High School Lecture Center by the Sweet Adelines, but is also the theme of the show, entitled "Broadway Harmony."

The Singing Sands Chapter, aided by the Sierra Sands Chapter of the Society for the Preservation of Barber Shop Quartet Singing in America, will depict the trials and tribulations of a chorus line getting ready to hit the road for a Broadway show.

This family oriented entertainment will be seen twice: the matinee begins at 2 p.m., and the evening performance begins at 8 o'clock. For the matinee, general admission tickets are \$3.50, with children and senior citizens being admitted for \$2. Prices for the evening performance are, respectively, \$4.50 and \$3.

Heading a fine cast are Madeline and Wally Dienhart, Jerry Zaharias, Jim McClane, Nick Haven, Vonnice Goss and Betty Turner. Other local entertainers include the Sierra Academy Dancers. The show was written and choreographed by Felice Reynolds.

The male guest quartet for the performance will be the "139th Street Quartet," a group that currently ranks seventh in the SPEBSQSA International Competition.

Fleet Reserve Assn. meets Monday nite; invites all military

China Lake Branch 95 of the Fleet Reserve Association will hold its regular monthly meeting on Monday at 7:30 p.m. at the Chief Petty Officers' Mess.

A wide range of business will be discussed at the meeting, including an outline of the Branch's participation in Veterans' Day activities and rules and plans for the annual Americanism essay contest, whose theme this year is "The Statue of Liberty and What She Means to Me as an American."

All active duty and retired personnel of the Navy, Marine Corps and Coast Guard are invited to attend and take an active part.

Astronomy buffs gather

Anyone interested in astronomy is invited to attend the regular meeting of the China Lake Astronomical Society to be held Monday at 7:30 p.m. in the Ridgecrest branch of the Kern County library, 131 E. Las Flores.



WHERE'RE THE REST OF THE GUYS? — One stray Canada goose seems to be looking for the rest of the family group of 10 to 12 that fly through this area each year on their way south from Alaska and Canada breeding sites to the California-Mexican border where they winter. The geese mate for life and travel in family groups with the youngsters that they've raised each year. This honker wandered around Reardon Field and the Enlisted Mess area last week apparently looking for other geese (who may have been wise enough to settle at the golf course). —

Picnic precedes free pops concert of Desert Community Orchestra

First concert of the season for the Desert Community Orchestra will be held tomorrow evening at 7:30 at the Center theater. The free pops concert will be preceded by a picnic on the lawn at Solar Park (on Blandy Avenue between the Enlisted Mess and the old Station Restaurant). Families are invited to attend both events.

Those coming to the picnic — for which they will need to bring their own food — will be entertained by live music by the Sierra Winds Special, accordion music by

Marilyn Danley, and the sounds of a recorder played by Lou Ava Seybold. The Desert Dancers will also perform.

Each person attending the picnic will receive a free ticket for a drawing for a one-year season membership ticket to the new season of concerts by the orchestra.

When activity moves to the Center theater, the orchestra will play under the baton of Ron Burdick.

The music for this occasion is provided by a grant from the Music Performance Trust Funds (Martin Paulson, Trustee), a public service organization created and financed by the Recording Industries under agreements with the American Federation of Musicians.

Showcase Singers lead off new season for WACOM members

The Showcase Singers will be featured at the Women's Auxiliary to the Commissioned Officers' Mess (WACOM) meeting, Tuesday, October 8, 1985 in the Commissioned Officer's Mess. The social hour begins at 11 a.m. and luncheon at 11:45. The menu will be chicken strata, cranberry salad, fresh rolls and pumpkin chifon pie for dessert. The price is \$5 and reservations are required, by calling 446-4324 or 446-3383.

Showcase singers have entertained audiences for numerous conventions at major hotels, including the Disneyland Hotel, the Grand Hotel, Century Plaza, Westin South Coast Plaza, and the Bonaventure Hotel, as well as the Shrine Auditorium. They have a warm, spirited, cabaret-style performance.



	Max.	Min.	Peak wind
Fri.	89	58	16 knots
Sat.	89	55	14 knots
Sun.	91	53	21 knots
Mon.	88	53	18 knots
Tues.	89	47	13 knots
Wed.	92	50	14 knots
Thurs.	97	54	16 knots

All measurements are made at Armitage Airfield.

Military night trip to Disneyland on bus slated for Oct. 25

Registrations are now being taken for the Military Night Tour to Disneyland on Friday, Oct. 25. A chartered tour bus will leave the Enlisted Mess parking lot at 4 p.m., will leave Disney land at 1:30 a.m. and will return to the EM parking lot at about 5:30 a.m. Tickets are \$23 per person for military personnel and \$26 for DOD civilians.

Participants will have reserved seats on the bus and will receive their tickets to Disneyland on the bus. A light dinner of sandwiches, chips and soft drinks will be served on the bus.

Military personnel have priority registration and can sign up at this time. DOD civilians as well as military can sign up starting Monday. Registration deadline is Oct. 18. If at least 30 people have not signed up, the trip will be cancelled.

A waiting list of non-DOD civilians as well as military and DOD personnel will be taken if more than the maximum number of 38 sign up. All ages are welcome, but anyone age 15 or under must be accompanied by an adult.

Registration will be taken at the Information, Ticket and Tour Office, Mondays through Fridays from 9 a.m. to 5:30 p.m.

Work of local artist featured in new show at museum gallery

Oil and watercolor paintings and pen and ink and pencil drawings done by Mary Adler, a Ridgecrest artist, will be featured in the Sylvia Winslow Gallery of the Maturango Museum throughout the month of October, starting Sunday.

A reception honoring the artist will be held from 2 to 4 p.m. Sunday, and the public is invited to attend.

A major part of the exhibit will be a series of still life paintings depicting aspects of feminine life. The paintings of real objects are painted realistically, but the randomness of the arrangements gives them the appearance of abstractions.

Sales of her work will benefit the Maturango Museum Building Fund.

Movies

FRIDAY	"HEAVENLY BODIES"	OCT. 4
	Starring Cynthia Dale and Richard Rebiere (Musical-Drama, Rated R, 90 min.)	
SATURDAY	NO MOVIE	OCT. 5
SUNDAY	"TURK 182"	OCT. 6
	Starring Timothy Hutton and Robert Ulrich (Drama, Rated PG-13, 102 min.)	
MONDAY, WEDNESDAY	"BREWSTER'S MILLIONS"	OCT. 7, 9
	Starring Richard Pryor and John Candy (Comedy, Rated PG-13, 102 min.)	
FRIDAY	"PRIZZI'S HONOR"	OCT. 11
	Starring Jack Nicholson and Kathleen Turner (Comedy-Drama, Rated R, 129 min.)	

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

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

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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL, No. 39/October 4, 1985

AV-8B gun program brings TD Awards to three



TECHNICAL EXCELLENCE — Robert Juarez (left), Jack Bates and Arthur Clayton (second from right) received Technical Director Awards from Burrell Hays (right), NWC Technical Director, for their work on the

AV-8B gun program that produced the GAU-12/U 25mm cannon and the PGU-20 API round for that weapon. — Photo by PH2 Rick Moore

Three men instrumental in development of the GAU-12/U 25mm gun, the PGU-20 API round designed for that gun and its installation aboard the AV-8B, received Technical Director Awards for their eight years of work to bring the 25 mm gun/ ammo program to a very successful high point.

Jack Bates, Arthur Clayton and Robert Juarez received the awards from Burrell Hays, NWC Technical Director, in a ceremony at the Ordnance System Department's Gun Systems Branch.

Of Bates, Hays said it was firepower demonstrations arranged by Jack Bates that resulted in the Navy's decision to develop the GAU-12/U for the AV-8B. "The program started because of your hard work and initiative," Hays told Bates. Without him, the 25mm gun system would not now be available.

"I'm one of those who stuck with guns and I'll still stick with them," commented Bates after receiving his TD Award. He also credited the move of the Gun Systems Branch of Code 32's Advanced Technology Division to the CLLP area as being "the best thing that happened to guns."

"You knew when it got to the AV-8B OPEVAL the program would sell itself," said Hays of Bob Juarez, gun system program manager during full scale development and the engineer in charge of 25 mm ammunition development. "This program couldn't have succeeded without your sound engineering practices and solid management," remarked Hays of Juarez.

Juarez told those assembled for the presentations, including many of the team's fellow workers, that success was due to having an outstanding team that worked well together. He also noted they had received excellent support from Code 36 throughout their involvement in the program.

As the Navy's ammunition expert, Juarez designed the 25 mm Armor Piercing Incendiary (API) round, designated the PGU-20A, that is now in production. This round, according to a letter nominating the trio for the Technical Director's Award, provided the Marine Corps with an air deliverable gun projectile that, for the first time, could kill armored vehicles up to and including the medium tank.

Hays described Clayton as "the Navy's leading expert in aircraft guns." He credited Clayton's expertise on aircraft guns and projectiles and his "can-do attitude" as key factors in bringing this program to Fleet units.

The letter of nomination calls Clayton "the driving force that assured the 25 mm gun system developed by the Navy was a weapon that excelled in its operation, accuracy, reliability and fire power."

"It's been a real joy to work on a program that is in the Fleet... the 25 mm squadron has it (GAU-12/U 25 mm gun) and likes it," commented Clayton, who is acknowledged as the Navy's expert on this gun system.

The first Fleet unit to receive the gun system, 2nd Marine Air Wing at Cherry Point, said of the system "... the 25 mm gun system is unparalleled in operation, accuracy and reliability. It provides the ground combat element commander a capability not previously experienced..."

Bates, Juarez and Clayton were key figures in development of the finest aircraft gun in existence today, one that will be used for years in both air and surface applications, according to the letter of nomination for this trio of TD Award winners.

Center completes six years of safety

On August 14, 1985, the Naval Weapons Center completed six years of flight operations without a Class A aircraft accident. A Class A accident is one in which either a life is lost, an aircraft is totally destroyed, or damage of more than \$500,000 occurs.

Such an achievement is especially outstanding because it represents more

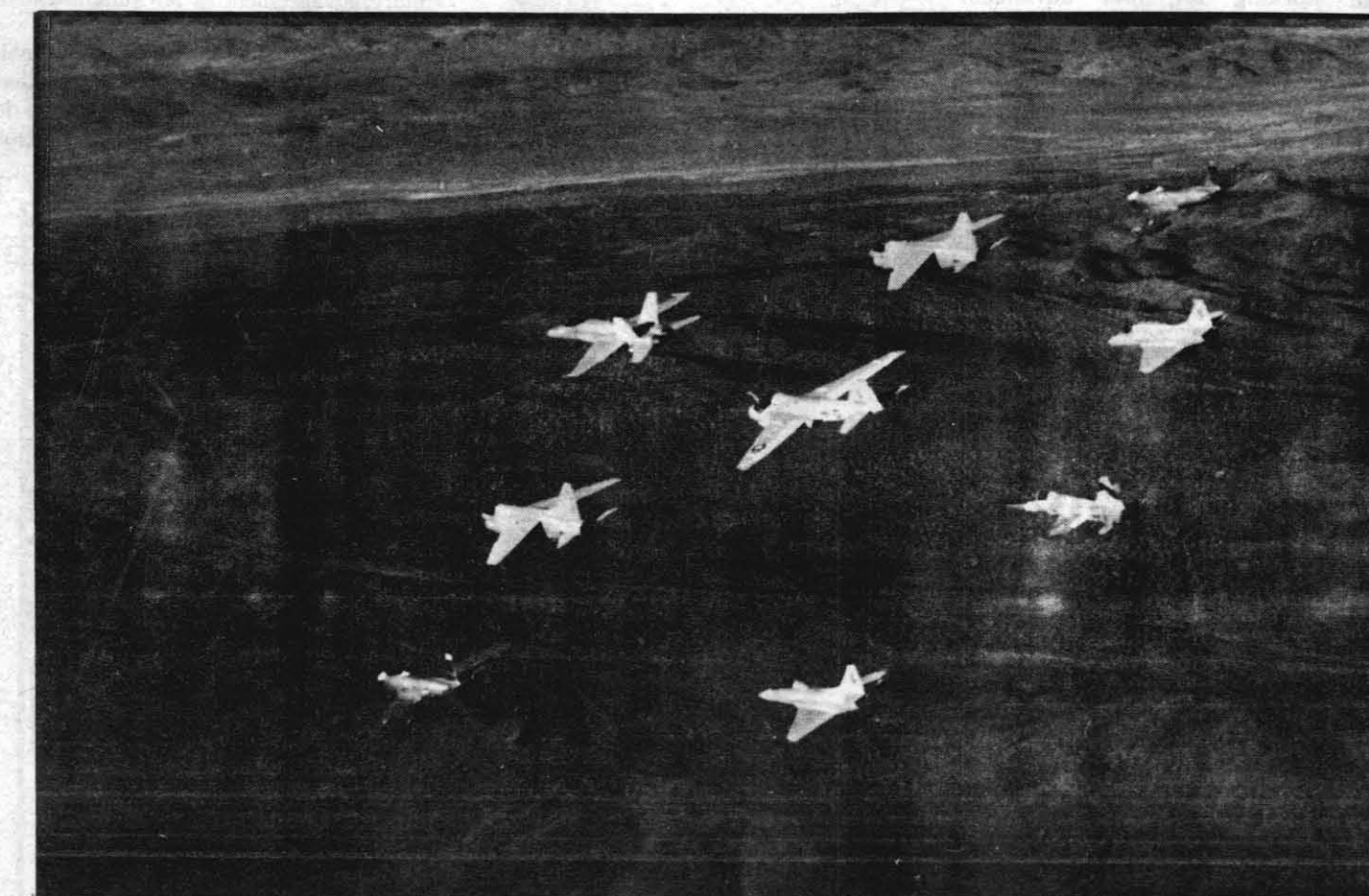
than 24,000 hours of flight time, and 259,000 field operations. In 1984 alone there were 47,882 takeoffs and landings at Armitage Airfield, and 44 detachments averaging 10 planes each also used the field.

Making this achievement even more remarkable is that NWC has 12 different types of aircraft, and has several models

within each of these types. Some of the Center's 32 aircraft are the only ones of that type flown in the Navy.

In addition, many of the aircraft are especially configured for the variety of weapons tests conducted. Cdr. Ron Miller, head of the Aircraft Department's Airfield

(Continued on Page 7)



VARIETY OF AIRCRAFT — Only a few of the 12 types of aircraft based at China Lake are shown in this formation flight. As well as the range of aircraft types, Center personnel are also responsible for more than one model within each type for several, in addition to special modifications made to aircraft for tests.



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	

Employee in the Spotlight

Jennie Canfield appreciates interaction of Civil Service, military

"Watching my son graduate from basic training at Ft. Sill, Oklahoma, taught me so much of what it means to be an American," says Jennie Canfield, department secretary for the Aircraft Department. "It's really made me realize how much we in Civil Service are here to assist the military accomplish the job that they've committed themselves to do."

In a way, having her son, Brian, in the Army brings Mrs. Canfield nearly a full circle to a prior situation because she met her husband, Roy, while he was in the Army at Ft. Irwin and she was working in her first Civil Service job in her native city of Barstow. At that time, however, she was working in the Commissary Store at the Marine Corps Supply Center in that city, adding, with a laugh, "Boy, was I green!"

By the time that her husband got out of the Army, they were married and had a newborn son to take back to Cheyenne, Wyoming, where her husband's family all live. The welcome that they received from the family was very warm, but the weather certainly wasn't, Mrs. Canfield remembers, noting that she stayed inside a lot that first Wyoming winter.

She returned to work at the end of a year's leave of absence from Civil Service, this time at the Veterans' Administration Hospital in Cheyenne as an engineering clerk, and, eventually, a procurement clerk.

This move gave her a chance to live close to four of six brothers. After a year there, her office was transferred to the Los Angeles Veteran's Hospital but decided to work at the Long Beach Naval Hospital as a medical transcriber and later as a clinical jacket archivist. This was another eye-opener by coming in daily contact with many Vietnam Veterans who needed medical care.

"I had a really neat boss," she notes, "whose main interest was to see that those working for him advanced themselves as much as possible." This supervisor encouraged her to go to college at night, to take a key punch course because "you've always got to take advantage of what comes your way." Attending class at night in a Cheyenne winter was a challenge, she says, especially after a full day's work, but her husband helped out by taking care of their young son so she could go to school.

When the Canfields decided to move back to California, this same supervisor contacted a fellow supervisor at the Veterans' Hospital in Long Beach and helped Mrs. Canfield get a job there.

"I really didn't enjoy living in the big city," she says. "It's fast and very impersonal. In Barstow I knew a lot of people, and Cheyenne is a very friendly and relaxed town, but down there I only knew a couple

Association of Old Crows to hear talk on Eastern Bloc intelligence

On Tuesday, Oct. 22, the Robbers Roost Chapter of the Association of Old Crows will hold a dinner meeting at Le Parc restaurant in Ridgecrest. Spouses and guests are welcome to attend.

Guest speaker for the evening will be Special Agent Fred Miller from the Los Angeles Federal Bureau of Investigation (FBI) office. He will present an overview of Soviet and East German intelligence and their tactics and techniques in locating, developing and recruiting Americans for espionage.

The evening will begin with a social hour from 6 to 7, when dinner will be served,

followed by Special Agent Miller's presentation. The meeting is expected to adjourn at about 9:30 p.m.

More information can be obtained and reservations made by contacting any of the following board members before 3 p.m. on Friday, Oct. 18: Antiradiation Laboratory, Bob Corzine, NWC ext. 2457; Echo Range, Alex Bellen, NWC ext. 3571; Grumman Aerospace, Art Duvall, 446-7611; Michelson Laboratory, Paul Homer, NWC ext. 3500; Thompson Laboratory, Frank St. George, NWC ext. 2951; or Texas Instruments, Joy Hiller, 446-5561.

Navy Relief Society plans course on services offered to military

Registration is now being accepted for anyone wishing to take a course designed to inform the military community about the programs offered by the Navy Relief Society. The course will be offered by Joyce Dinnage, Executive Director, Long Beach Navy Relief Society Auxiliary, at the China Lake office of NRS from Oct. 21 through 24.

The class will be taught from 9 a.m. until 1 p.m. daily at 1811 Lauritsen Road.

Spouses, retirees, active duty personnel and civilians are all welcome to take this class. Participants are not obliged to volunteer to assist in the local NRS office, but those who wish to do so will be welcomed.

For further information or to register, contact the local NRS office during its office hours, Monday, Wednesday or Friday between 11 a.m. and 1 p.m., either in person or by telephone at 446-4746.

Catholic Chapel picnic tomorrow

Everyone is invited to attend the annual chapel picnic of the Catholic Congregation of the All Faith Chapel to be held tomorrow from 4 to 8 p.m. on the chapel lawn. Activities include volleyball and supervised games for the youngsters.

Tickets, at \$2 for each adult and \$1 per a child, (up to a maximum of \$6 for a family), can be purchased at the chapel office. These will ensure hamburgers and hot dogs with all the trimmings, potato salad and other refreshments for those attending.

ple of people besides my brothers and families in that mass of humanity."

When her husband got a job in Ridgecrest with Continental Telephone Company, she was delighted at the thought of moving back to a small town. She interviewed for a job over the telephone, and, she says, "that college course that my supervisor talked me into taking in Cheyenne made the difference in my getting hired by Bill Cooper in the Engineering Department machine shop."

Getting into Ridgecrest at that time made it possible for their son to go through all local schools here until his graduation and enlistment in the Army last year, and the Canfield's feel very much that Ridgecrest is home to them.

Mrs. Canfield has been in her present job for about two and a half years and enjoys it enormously because she is part of a "great team" at the Airfield.

Helping people with her knowledge and skills extends into her off-duty life as well because she is very active with the Eagles Lodge and with helping an older friend. She's also been active with church affairs at St. Ann's Catholic Church ("but probably not as much as I should be"), and has once more begun to take college classes for future advancement as an Administrative Officer.

"I'm hoping to get my degree eventually," she says. "This valley is unique in that people here as a group encourage us to do better and to advance ourselves. It seems to bring out the best in everyone."



ENJOYS WORKING — The interaction with people that her job as department secretary for the Aircraft Department brings is one of the aspects of her work that Jennie Canfield enjoys most.

NWC Rocketeer

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NWC Youth Soccer League opens play for fall

Youth Soccer League play began on the Naval Weapons Center last week. Teams in three divisions will continue weekly play until Nov. 23.

Roughnecks 3, Kicks 1

Charles Eberhart and John Evans helped lead the Roughneck win while Spencer Stevens scored his first goal ever. Nathan Nickell and Jason Rainwater had strong games in goal for the Kicks while Doug Banks, Jose Rodriguez and Dave Flower also played a strong game in the loss.

Surf 6, Sounders 0

Three goals each by Chris Marshall and Scott Becker were all the Surf needed to roll past the Sounders. Dean Barnett, Brendan Weimbold and Paul Salem also played well. Sounders' coaches said Beau Arnold and Mike Kinmer turned in strong performances.

Diplomat 3, Tornado 1

Brad Bays and Jimmy Ball accounted for the scoring as the Diplomats were win-

ners. Team work keyed the win said coaches. Steve Mourtou scored on a pass from Dave Law for the only Tornado point in the season opening defeat.

Whitecaps 2, Rogues 2

Goals by Mike Graves and Philip Johnson led the Whitecaps in their tie contest. Good goal play by Robin Hemmings and Larry Flores held off the Rogues. Scott Ross was the leading offensive player for the Rogues. Ravi Ajmear and Fletcher Nelson played an outstanding game in the loss.

Aztec 1, Lancers 0

Hugo Montes scored what proved to be the winning and only goal of the game as the Aztec soccer team nipped the Lancers. The score came in the final three minutes of play. Eric Armstrong was singled out by Lancer coaches for fine defensive play in the contest.

Blizzards 5, Drillers 1

Fast-paced play highlighted an easy win for the Blizzards against the Drillers. Robert Ricks, Scott Foremaster, Joe

Mechtenberg and Jesse Watke accounted for the goals with assists from Carl Richard and Jason Duff. Sean Waldron accounted for the line Driller's goal. Keith Parris and Tony Flores also played well.

Sting 4, Strikers 0

Fine play from Mike (Red) Ogren, Hayden Wilson, Wesley Mouw and Richard Christensen paced the Sting in their win against the Strikers.

Timber 1, Earthquake 1

Kevin Campbell scored the only goal for the Timber squad in this tie contest. For the Earthquake team, Mike Frederick notched the only score.

Cosmos 3, Sockers 1

Sean Williams ripped a pair of goals while Damon Kelling notched the final tally as the Cosmos were easy winners against the Sockers. In the loss, Mark Castillo scored the lone goal. April Lawrence and Nicole Schieffer were credited with playing strong games.

Roadrunners 1, Cobras 0

Breaking the shutout, Daniel Francis

scored the winning goal for the Roadrunners. Michael Ross, Frank Gamble and Michelle Kamben had strong games. Ryan Robbs and Brian Pitcher played outstanding games in the loss by the Cobras.

Coyotes 3, Express 0

Goals from Reed Christensen, Matt Girordot and Mark Garland was all the scoring needed for the Coyotes' victory. Players for both teams played with a lot of spirit. The Express were seldom able to penetrate into Coyote territory thanks to a stiff defense.

Eagles 1, Rowdies 0

Jason Ford had the only score of this close, hard fought contest. Vasken Haroutunian and Mike Curtis were called outstanding players for the Rowdies.

Apollos 1, Owls 1

Another tie game found Glen Baker accounting for the only Apollos point. He notched his goal late in the first half. It was a great game for the first of the fall season for both teams as strong defense dominated.

Bears open sked with easy win

Football for the Indian Wells Valley Junior Division Bears opened with a hard fought 22-0 win against Kern Valley in a game played at Kern Valley High School.

The Bears never trailed in their season opener. They moved 60 yards following the opening kick for their go-ahead touchdown. Blake Ashley carried from three-yards out for the TD. Danny Wilson's extra point kick made it a 7-0 contest.

Richard Baker and Jo Jo Pepper ran back intercepted passes 80 and 82 yards respectively for the final touchdowns with Wilson kicking one two-point conversion.

Bluegrass at CCC

Tickets are now available for a bluegrass concert by "High Country" at Cerro Coso College's lecture center tonight at 8 o'clock.

The five-member, San Francisco-based band has several albums and numerous radio and television appearances. They also perform regularly at colleges, clubs, and bluegrass festivals.

Tickets cost \$4 for general admission, \$3 for 18 and under, and \$2 for Cerro Coso ID cardholders and senior citizens. They can be purchased at the Music Man, the Entertainer (now located at 400 W. Ridgecrest Blvd. in Ridgecrest), Loewen's, Cerro Coso College's business office, and can also be purchased at the door on the night of the concert.

Cactus Squares

Octoberfest will be celebrated by the Cactus Squares tomorrow at 8 p.m. at the Senior Citizens Center, 125 S. Warner in Ridgecrest. Jim Noh will be calling the squares and Chuck Ball will cue the rounds. All square dancers are invited.

Further information can be obtained by telephoning Rick and Sandy Kasper at 375-9329.

NWC goes 36 years without Class A aircraft accident...

(Continued from Page 1)

Operations Division, and his deputy, Gary Bailey, note that each special configuration is carefully examined by the Aircraft Safety Committee. Only when this group of civilian and military experts have decided the parameters of each flight can be safely done, is such modified aircraft cleared to fly.

Unique hazards of wind and blowing dust add to the safety concerns that weapons testing brings, says LCDr. Buz Massengale, Safety Officer for Armitage Airfield. In addition, the rugged and varied terrain can also create dangers that most Navy pilots don't need to confront, he notes.

All three credit the outstanding safety

achievement to the high level of professionalism in all those concerned.

All local pilots are at least second tour pilots and most are commercially rated. In addition, 12 are rated as airline transport pilots, the highest rating that the Federal Aviation Administration recognizes.

Bailey points out that the pilots have attained both commercial and airline transport ratings on their own time and with their own money, since the Navy requires neither.

Most of the Center's pilots have well over 2,000 hours of flight time, and several, including Capt. K. A. Dickerson, NWC Commander, have more than 5,000 flying hours.

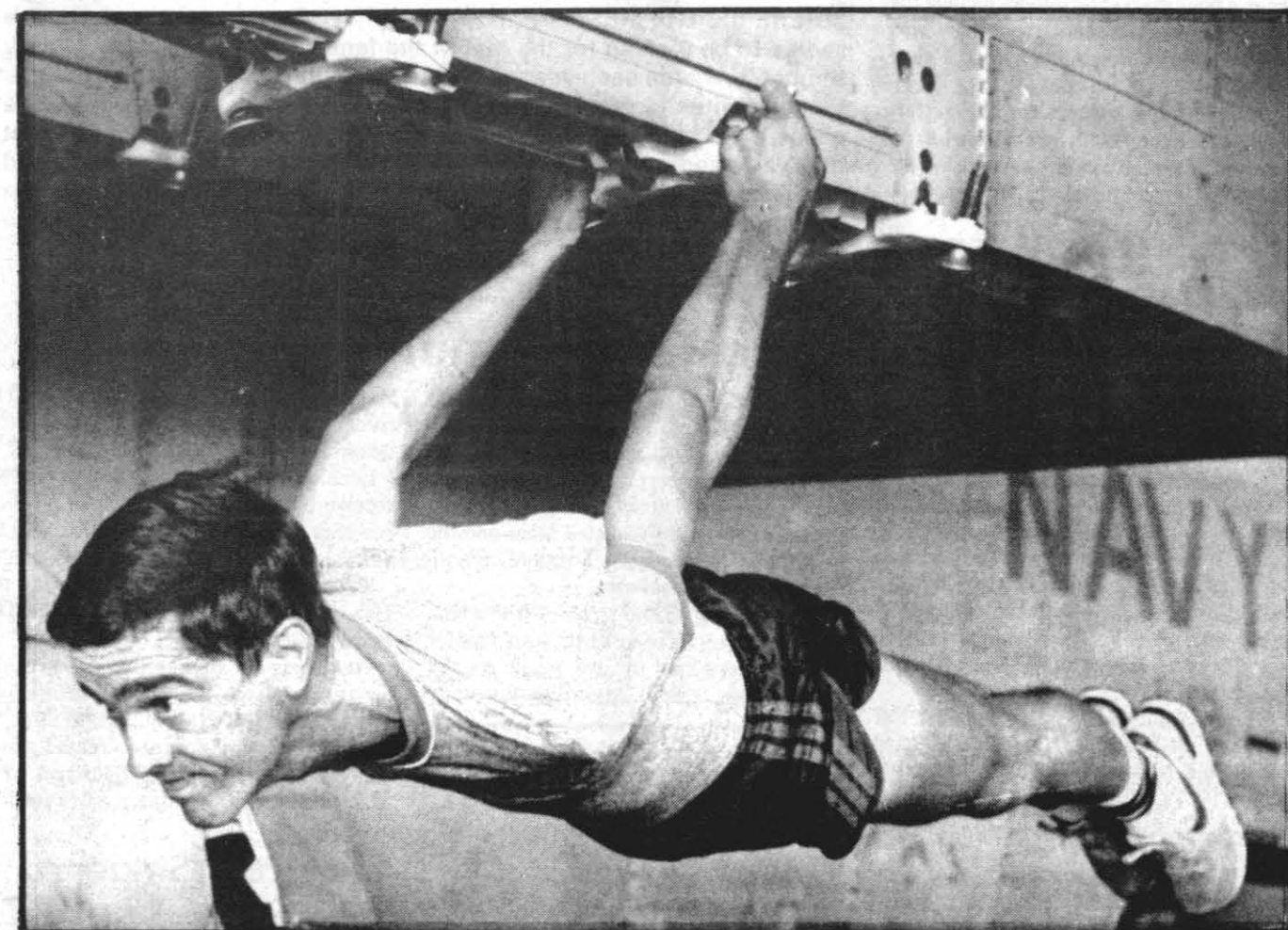
They all come from the operational world, fly two to three types of aircraft each, and hold collateral duties as well.

Each pilot is requalified annually in every type of aircraft that he flies. The requalification is done in accordance with type aircraft Naval Air Training and Operating Procedures Standardization (NATOPS). In addition, each NATOPS evaluator is requalified annually by the West Coast aircraft model manager to insure standardization.

Equally important to the safe operation of aircraft is maintenance, and the professionalism of the men and women who care for the aircraft is also praised by Cdr.

Miller and Bailey. They and LCDr. Massengale state that the military who maintain the A-7, A-6, and F-18 aircraft and the Center's helicopters, and the contractor maintenance personnel who maintain all other types of aircraft, do an outstanding job.

Underlying all, however, they say, is that the people, military and civilian, in leadership positions on board set the tone by showing in their actions that they consider safety vital. Problems are discussed honestly and openly, and safety is held to be an essential part of the Center's effort to provide a superior product to the Navy and the Nation.



HANG IN THERE — Is this the ultimate smart weapon? Maybe it's the new flexibility test for the Navy's physical training (PT) program. Whatever it is, LCDR Len Fox, VX-5's Maintenance Officer, will soon be taking this and everything else he has learned at VX-5 to VA-56 and the U.S.S. Midway. In his own words, the Vampire aviator will do "anything for the Fleet!" — Photo by PH3 Greg Hogan

Fall brings good fishing and bright colors to Sierra

Fishing is good throughout the high country of the Sierra and the Owens Valley, although the lower Owens River is still high. At Pleasant Valley reservoir trout up to 6 pounds are being caught on nightcrawlers and marshmallows, and fly fishermen are also doing well in mornings and evenings.

Other areas producing big fish are June Lake, from which an 8-pounder was pulled on a hook covered with a marshmallow, and Gull Lake, which produced a 4-pound, 13-ounce rainbow.

Other streams and lakes are also producing lots of limits of smaller trout.

Nature photographers and nature lovers should head north this weekend if they wish to see the peak of the fall colors in the high country of the Sierra.

The trees around Rock Creek Lake, Convict Lake, and in the Mammoth Lakes area are turning bright gold and red.

Scorpions record third shutout of soccer season

Behind a two-goal performance by Scott Piri, the Scorpions Under-19 Soccer Club took an easy 4-0 victory from Yucaipa's Aztecs in a rare road triumph.

The Aztecs remained in last place while the once-beaten Scorpions remained in the thick of the race for the Inland Empire Youth Soccer League's fall championship.

Just eight minutes into Saturday's match, Roger Smith lofted a free kick into the penalty area. Scott Hannon used his head to flick the ball to Joe Gregory who controlled the ball and fired a shot into goal for a 1-0 Scorpion advantage.

Despite a 13-3 shots-on-goal first half edge, the Scorpions still held a slim 1-0 lead after one full half of play.

Soon after second half play began, Ledden took the ball off a free kick by Mike Mills and punched the ball in for a score from about five yards out.

After Ledden was fouled inside the penalty area at the 61-minute mark, Piri was selected to take the penalty kick and

made it a 3-0 Scorpion advantage. Piri put the ball smoothly into the right side of the goal for the score.

Sixty-eight minutes into the contest, Piri gobbled up a Yucaipa mistake and dribbled past several defenders before finessing the ball into the goal for the final tally and his

second goal of the one-sided contest.

Jason Cherry led the Scorp's stingy defense. In four games this defense has yielded just two goals, both of them to San Bernardino's Cosmos. Mike Mills, Neil Johnson, Roger Smith, John Placencia and Joe Pakulak joined Cherry in the nearly perfect defense.

Cherry made his second penalty kick save of the season when he easily made a diving catch at the 85-minute mark.

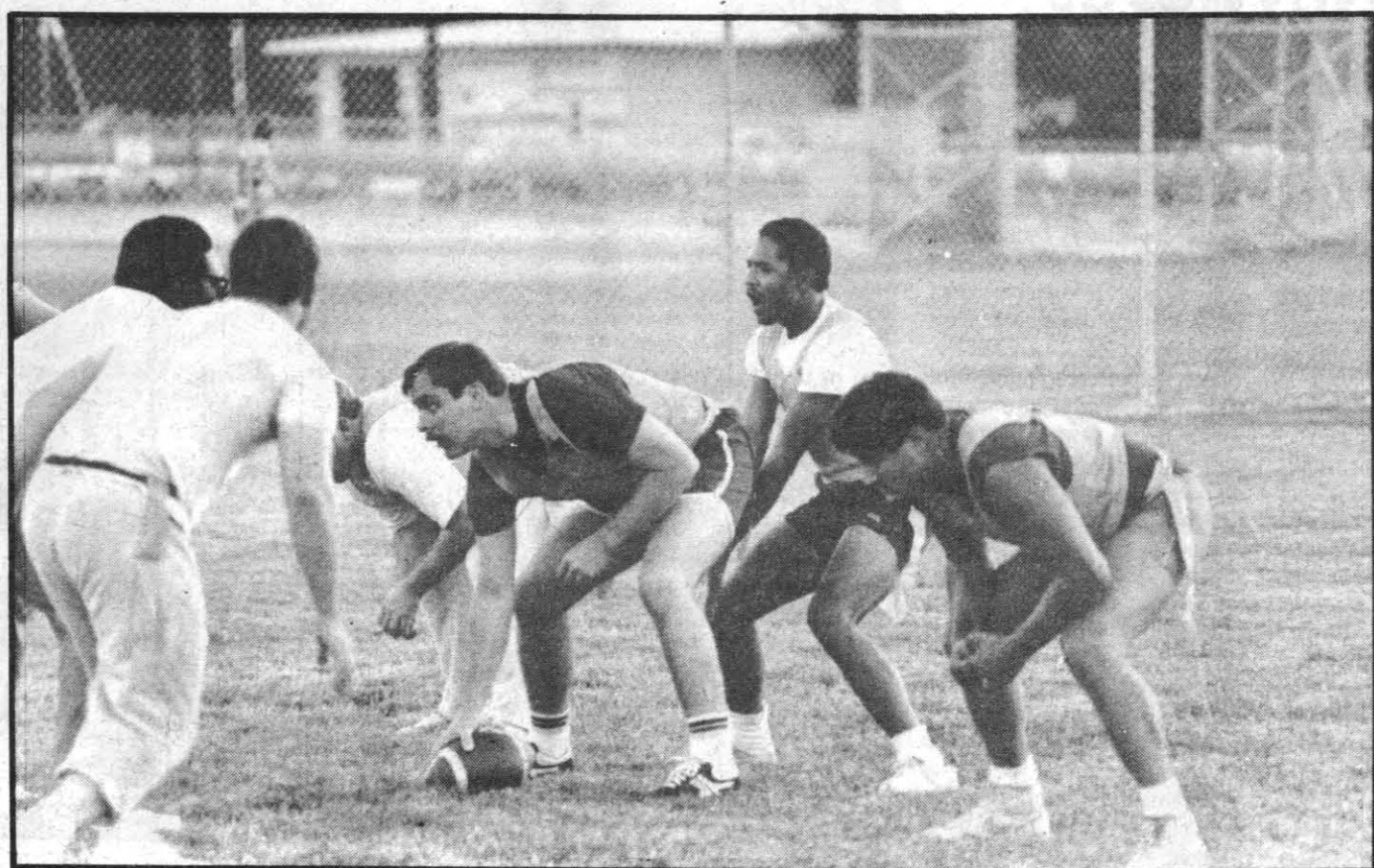
Everyone saw action in this contest. Coaches were able to give all players at least half an hour of playing time.

Tomorrow the Scorpions are back in action as they will travel to George AFB where they will battle the Mustangs of Victorville.



Sports

COMMANDER'S CUP — VX-5 Vampire footballers and the squad from NWC Blue met in another of the Commander's Cup flag football games last week. VX-5 emerged as the victor in this annual clash of gridiron powers.



Anglers find Isabella remains inconsistent lake

by Mike Vradenburg

Fishing remains inconsistent at Lake Isabella, and strong winds are blowing most afternoons. The cool cloudy days were most productive for anglers last week.

The lake level is low and many trees are showing. Anglers fishing for trout, bass, and bluegill are doing the best from 7 to 9 o'clock in the morning, and catfish are hitting after dark.

One-pound trout are being caught off the Auxiliary Dam, and at the end of Evans Road. The bait used by many fishermen is the marshmallow/red salmon egg combination with a weight on the line two feet from the hook. When cast into the water the bait inverts and floats off the bottom. Small trout swim in schools, and suspended baits are picked up quicker.

Anglers fishing in the North Channel from Boulder Gulch to Wofford Heights have been producing some good size fish. Three-and four-pound trout are starting to be caught trolling. Fishermen are trolling at a medium speed with their line 20 feet below the surface.

The bass are being caught along the rocky shores, and around the submerged tress and islands. Imitation shad lures and crawdads were the big producers over the past week. Two big bass were caught last week, an eight pound and a 10 pound 11 ounce. A few others weighed in near five pounds, but most were one to three pounds.

The best areas to fish are Rocky Point, Engineers Point, Robinson Point, and Camp Nine. Bluegills are caught in the same areas as the bass, and most anglers

use worms for bait.

Many catfish are being caught after dark at Camp Nine, Piney Point, and French Gulch. The average size is two to five pounds, but a number of larger ones are

being weighed in.

Fishing will become more consistent as winter gets closer. The best months for trout and bass fishing are November thru March.

Under-16 Scorp set mark for goals with big triumph

The Under-16 Scorpions scored a record number of goals in their win over the Grand Terrace Warriors 8-3 on Saturday in Ridgecrest. They played well as a team both offensively and defensively and kept pressure on the opposing team.

The offense was especially good at passing to set up shooting opportunities, and the defense did exceptionally well at setting up the first line of attack.

The first goal of the game was scored in fifteen minutes by Armando Valdivia. Three minutes later Matt Zeigler added another tally. Two minutes after that, the

Warriors scored due to defensive panic. The Scorpions returned the favor four minutes later on a shot by Matt Zeigler.

The second half started off quickly with Craig Rindt scoring three consecutive goals within five minutes of each other. Chris Johnson and Zeigler added the last two goals in the next ten minutes. The Scorpions play next against the Rialto Blast tomorrow in Rialto and against Moreno Valley Cosmos Sunday in Moreno Valley.

Coach Piri commended Tom Caves for good hustle on offense and Roddy Robbs for excellent play on defense.

Buggy Bath grabs lead

Buggy Bath keglers hold a three-game lead over Elks Lodge bowlers in the Premier Scratch League standings this week. The Hideaway squad is third while Cal Gas with a 17-43 mark brings up the bottom of the standings.

Hub Zimmerman rolled a 613 series to take high series honors. Top game of the week went to Charles Goff and his 244 score. Jack Brown rolled a 225 while George Barkat had a 224 and Ernie Lanterman came in with a 220.

Olympia Beer took team honors with a 784 game and a 2,300 series.

Standings		Won	Lost
Team			
Buggy Bath		44½	15½
Elks Lodge		41½	18½
Hideaway		37	23
Modern Trophy		31½	28½
Olympia Beer		28½	31½
Thrifty Wash		21	39
The Place		19	41
Cal Gas		17	43



The Skipper Sez...

QUESTION

Civilian — My question is in regards to the more recent hostage situation. As a supervisor, several of my people have been on that same flight over to Athens, and my concern was about carrying official passports and travel orders. Is there some mechanism by which we could keep those out of sight in case a situation like this reoccurred, where we could be traveling on unofficial passports simply as a tourist? We'll be going over in those areas in the Mediterranean again. As a supervisor, I am concerned about my people, and the type of passports and travel orders they're on. If hijackers were able to get hold of this, the employees would clearly be seen as DOD personnel. I'm just wondering if there is some way we can get around that, or avoid that, and have our people like simple tourists. Thank you.

ANSWER

Your concern towards the travel in and around the Mediterranean area is being shared by many personnel. In a recent message from the Chief of Naval Operations provided that the use of tourist passports is a very complicated issue which is being addressed by the Department of Defense and Department of State, and that a DOD-wide policy would be forthcoming. In the interim, the following policies will apply:

a. When military airlift cannot be used for mission essential travel to, from and through Middle East countries and when intra-theater travel must be performed via commercial aircraft to, from and through high risk areas as determined by the theater CINCPAC, tourist passports shall be used unless prohibited by the foreign country to be visited.

b. Use of the tourist passport will not enhance the safety of travelers unless appropriate precautionary measures are taken: All military and/or government identification will be placed in checked baggage, civilian clothes will be worn and all personal identification sanitized. Baggage identification should not include military rank, and all identifying logos, decals, etc., should be removed.

c. All travelers, including official travelers moving in the Military Airlift System, will continue to carry orders, identification and transportation documents as normal.

The authority for procuring a tourist passport does not preclude the requirement to have a required official passport.

The Navy Transportation Office in Long Beach will be the focal point for information. Once a traveler has determined that travel to a high risk/sensitive area is going to be required, a copy of the orders should be delivered to the local Transportation Office (PSD) who will in turn contact NMPC in Washington, D.C. for determination and authorization for application of a tourist passport.

NMPC Washington, D.C. and the area CINCPAC/CINCLANT are the determining authority for designating a specific location as high-risk or sensitive area and whether a tourist or official passport will be utilized during travel.

QUESTION

Captain Dickerson, while appreciative of the gym facilities on base, I must, nevertheless, voice my objection to the new restriction to the use of the weight room by male personnel between 5:30 and 7:30 p.m., Tuesdays and Thursdays. Thank you for noting my objection.

ANSWER

A total of 31 women registered for a weight training class scheduled for 6:30 to 7:30 p.m., beginning on August 6. The turnout for this class was just what the weight room could safely accommodate and the use of the facility had to be restricted to class members only. Since attendance dropped after the second class meeting, the cause of the restricted access was eliminated and open usage of the weight room for drop-ins is available.

All China Lakeers, 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.

HEP ensures opportunities for Hispanics

Since 1970, the Hispanic Employment Program (HEP) has been a special effort to ensure equal opportunities for Hispanic Americans in competing for Federal jobs.

Hispanics are citizens and residents of the United States who trace their ancestry to Latin America and Spain. Often labeled as one people, Hispanics are distinct ethnic groups with their own heritage, despite common points. The Federal Government uses the term Hispanic to describe a person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

The HEP is one facet of the government-wide Equal Employment Opportunity program which assures equal consideration for all Federal employees and applicants for Federal employment.

The Program was established in order to call attention to the needs of Hispanic people in the Federal employment situation. In 1978, Federal employment statistics show that Hispanics held only 3.5 percent of more

than two million Federal jobs.

The primary objectives of the Program are to make sure that Hispanics have the opportunity to compete fairly in all aspects of recruitment, training, upward mobility, career counseling, and promotions.

The main focus of the program is recruitment of qualified Hispanics into the Federal work force in areas where they are under-represented, compared to availability in the area of consideration (local, state, or national civilian labor force).

All Federal agencies are mandated under the Federal Equal Opportunity Recruitment Program to develop, on a yearly basis, both long and short term goals for promoting and hiring Hispanics within their agency and area.

According to James Archuleta, HEP Committee Chairman, NWC's goals include "enhancing employment by looking for highly qualified individuals to work here. We are letting different groups of people throughout the nation know what NWC has

to offer through recruitment, advertisements, and magazines."

For Hispanics already employed by NWC, HEP tries to provide opportunities for advancement. "HEP Committee members also advise managers on aspects of employment and matters concerning Hispanics," says Archuleta. He continues, "We provide management with a resource concerning Hispanics working for NWC, whether it be employment, or as counseling on issues concerning Hispanics." These members are: James Archuleta, Chairman, Code 3682, NWC ext. 1780; Estela Paine, Recorder, Code 2432, NWC ext. 2412; Marvin Backman, Code 3894, NWC ext. 2208; SH1 Madison Bryson, Code 0165, NWC ext. 5522; Lucy Lambert, Code 093, NWC ext. 3129; Hector Leon, Code 35062, NWC ext. 2951, X342; Mena Leon, Code 26902, NWC ext. 3411, X282; Larry Scholl, Code 03, NWC ext. 2221; and Kurt Wittendorfer, Code 6431, NWC ext. 2163.

Any overtime worked after 4:30 p.m. on Tuesday, Oct. 8, through midnight, Oct. 12, should be submitted on a supplemental time card for payment the subsequent time period.

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)



JOB WELL DONE — Capt. K. A. Dickerson congratulates Leroy Doig III for the outstanding writing job that earned him and Cliff Lawson (behind the Skipper) the Commander's Award for Mission Support. Doig and Lawson wrote three award-winning Command Histories for the Center during the past three years.
— Photo by PH2 Rick Moore

Award-winning Command Histories result in Commander's Awards

Writing the top Command History for establishments with more than 1,000 personnel for three years running earned Leroy Doig III and Cliff Lawson another accolade this week: they became recipients of the Commander's Award.

Capt. K. A. Dickerson, NWC Commander, recognized their achievement at the Monday morning Commander's meeting when he presented them the engraved pyramidal paperweight and stipend that accompany the highest award that he can bestow on Center personnel.

All Navy Commands are required to submit an annual Command History, covering the events of the preceding year. These are judged for excellence in categories depending on the size of the submitting Command, with NWC judged against all Navy Commands of more than 1,000 personnel.

Doig and Lawson wrote the Center's Command History for 1981-82, 1983 and 1984. In each case, the outstanding quality of the resulting document was recognized by presentation of the Rear Admiral Albert Packer Niblack Award. This unprecedented achievement according to a panel of historians, has made the NWC Command History a model of excellence and a benchmark against which all others are measured.

The letter of nomination for the Commander's Award, written by Steve Sanders, head of the Technical Information Department, noted that Doig and Lawson

"strive for and have achieved an accurate account of significant events and notable achievements. They maintained a careful balance of accomplishments along with discussions of important problems and issues."

The letter continues that "their expertise as leaders of a publication team ensured that research, writing, editing, composing and printing all resulted in a quality product delivered on schedule."

In response to the Skipper's comment that "you've brought honor to the Center with your writing of the Command History," Lawson noted that "we try to tell the Center's story as we see it."

Both men are writer-editors in the Technical Information Department.

Timecards due early because of holiday on Monday, Oct. 14

All personnel who are responsible for the submission of time cards are reminded that because of the Columbus Day holiday Monday, Oct. 14, time cards for the regular workweek ending Oct. 12 must be turned in by 4:30 p.m. on Tuesday, Oct. 8.

This is necessary in order to meet the normal payday of Oct. 18. No time cards are to be held out, since failure to provide the Payroll Office with an accurate time card by the Oct. 8 deadline may result in a delay in pay for employees.

In order to meet the Oct. 8 deadline, it will be necessary for departments to project or estimate what will occur on Wednesday, Thursday, Friday and Saturday, and submit the time card by 4:30 p.m. on Oct. 8.

On Wednesday afternoon, if it is discovered that the time card projections were in error as submitted, the errors can be corrected by submitting a corrected timecard annotated as such, between 11 a.m. and 3:30 p.m. on Oct. 9. Errors discovered after Oct. 9 should be corrected by sending a memorandum to the Payroll Office, Code 0853, the following week.

Any overtime worked after 4:30 p.m. on Tuesday, Oct. 8, through midnight, Oct. 12, should be submitted on a supplemental time card for payment the subsequent time period.

Jets create major change in Naval Aviation

It's been less than 50 years since the first jet-powered operational aircraft took to the skies over Germany and there is no end in sight to continued improvement of jet aircraft that form the bulk of the Fleet's inventory.

Only a little more than 40 years have passed since the Germans flew the Messerschmitt Me 262 into combat over Europe. Today's Navy can call on jets that range from aging A-7 Corsairs to the new F/A-18 Hornet, all of which owe their heritage to the first jet engine developed in England by Frank Whittle in 1937.

For years man had sought to design an aircraft based on Sir Isaac Newton's Third Law of Motion (for every action there is an equal and opposite reaction). It wasn't until Whittle was issued a patent for his jet engine in 1930 that designers began to make real progress.

In the United States, the P-80 Shooting Star was flown for the first time on Jan. 8, 1944, too late to become fully operational in World War II.

Great Britain brought the Gloster Meteor MK1 into operational service just before World War II ended in Europe. The first combat sortie was flown in July, 1944.

Piston engine aircraft were rapidly being phased out as soon as World War II ended, but the Douglas AD-1 Skyraider, developed too late for operational duty in the war, later proved to be one of the most valuable propeller-driven aircraft in the Korean and Vietnam conflicts.

The step from props to pure jets included development of turboprop aircraft including the XP-81 first flown on Feb. 7, 1945 with a turboprop engine driving a tractor propeller and a turbojet engine mounted in the rear fuselage.

Jets came to the U.S. Navy in late 1945 when the Ryan FR-1 Fireball landed on the U.S.S. Wake Island. The aircraft was fitted

with a conventionally mounted piston engine as well as a GE I-16 turbojet in the rear fuselage.

This combination was used because of

FD-1 Phantom landed on the U.S.S. Franklin D. Roosevelt. More than a year earlier, the British had done 15 takeoffs and landings on a Royal Navy carrier with

the deHavilland Vampire to mark the first flight operations by a pure jet from any carrier.

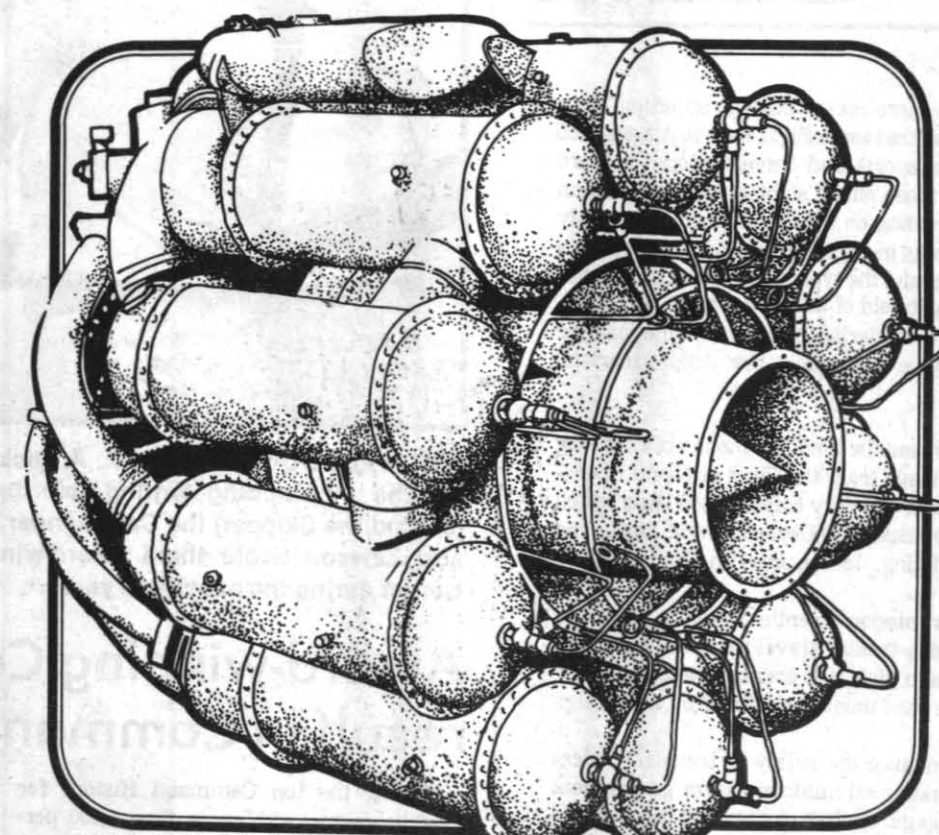
The FH-1 Phantom became the first jet fighter assigned to front-line squadrons with the Navy and Marine Corps following successful carrier trials.

It wasn't until the Korean Conflict that U.S. Navy jets saw combat action. An F9F-2 Panther from the U.S.S. Valley Forge went into action against North Korean forces on July 3, 1950. A Navy pilot of a Grumman Panther became the first to shoot down another jetpowered aircraft when he downed a MiG-15 on Nov. 9, 1950.

The Fleet's first angled-deck aircraft carrier began operational flight testing when Navy aircraft landed on the U.S.S. Antietam in 1953. Three years later the heaviest carrier-based aircraft, A3D Skywarriors, were delivered to VAH-1. And, in 1962, the F-11 Tiger became the Fleet's first supersonic operational carrier-based fighter. It had Mach 2 capability in level flight.

The Navy has gone on to expand its jet inventory to include such workhorses as the A-7, A-6E Intruder, A-4 Skyhawk, F-14 Tomcat and the F/A-18 Hornet, seen as the successor to the F-4 Phantom and the A-7E.

While jet aircraft dominate the Fleet inventory, the Navy relies on many prop-driven aircraft even today. The P-3 Orion and E-2 Hawkeyes remain active along with the C-130 Hercules and the OV-10 Bronco used by the Marine Corps.



THE FIRST JET ENGINE, DEVELOPED AND PATENTED BY FRANK WHITTLE IN 1930.

doubts that a pure jet could operate effectively from aircraft carriers at the time. As it turned out, the piston engine failed on approach and Ensign Jake C. West made the landing on jet power alone.

It wasn't until July 21, 1946, that the first all jet aircraft landed on a U.S. carrier. The



After summer hiatus, blood bank needs donors to build up supply

After summer of blood bank draw downs, the Houchin Blood Bank will be in the Indian Wells Valley on Tuesday to give area residents a chance to donate blood. Persons from 18 to 66 years of age are eligible.

Anyone in general good health will be eligible to donate blood when the Houchin Blood Bank sets up shop at the Elks Lodge, 201 East Church Avenue from 1 to 6 p.m. on Tuesday.

No appointment to give blood is needed. It doesn't take much more than a hour of an individual's time to make the donation.

Dorothy Jackson, chairman of the blood drive sponsored by the Ridgecrest Emblem Club, said giving blood is an easy way to show you care for others.

Donors should be free of flu or cold symptoms for at least two weeks and know what kinds of medication, if any, they are taking since some may disqualify donors.

Simple blood tests are given potential

donors who are also asked to complete a medical history form.

The blood bank staff recommends donors not eat fatty food or dairy products within three hours of the time they plan to come to the Elks Lodge.

Questions about the blood bank can be answered by Dorothy Jackson at 375-2059.

Toastmasters offer class on Thursdays

Although a new speech training class offered by Toastmasters began yesterday, late registrations will be accepted. The 8-week course will be held every Thursday starting at 6 p.m. at the Commissioned Officers' Mess.

Men and women who wish more information or who wish to register should telephone John Peterson at 446-2148.



China Lake Police Reports

The last week and a half has been very hard on vehicles — a total of nine traffic accidents were reported to China Lake police. Two of these occurred with rental cars while the drivers were on government travel, one in Pomona and one in Palo Alto.

Other accidents, summarized briefly, include these: A driver who has medical problems passed out and struck a fire alarm box on Mitcher just north of Blandy Avenue. She was taken to the dispensary for treatment of injuries and transported to Ridgecrest Hospital.

Two accidents involved collisions between a car and a motorcycle. In one instance a driver at Administration Circle backed into a legally parked cycle, and in the other case, a government vehicle lost brake power and hit a cycle.

One driver was unable to avoid hitting a dog that ran into the road at Knox Road and Burroughs Avenue. One accident occurred in the parking lot at the Branch Clinic when a driver hit another car while backing from a parking place. A hit and run driver collided with a stop sign at the corner of Halsey Road and Nimitz Avenue, doing major damage to the sign.

A driver on the Christmas Canyon Road lost control of his government vehicle when he drove too fast for road conditions and rolled the vehicle, causing minor injuries to a passenger and major injuries to the vehicle.

Someone removed a government handheld radio from a vehicle at a work site at the lab decontaminator building. The value of the radio makes this a grand theft.

A 14-year-old juvenile was arrested for public intoxication and curfew violation at midnight on Saturday at Murray School. He was released to his father.

A set of keys was found near the Minimart. They can be claimed at the China Lake police station.

A 21-year-old male driver stopped at the intersection of Stroop Avenue and Knox Road for erratic driving was found to be driving under the influence and in possession of restricted drugs. He was held for five hours at the China Lake police station before being cited to appear in East Kern Municipal Court and released.

Vandals punctured the left front tire of a vehicle parked on Rowe Street.

ECP efforts may lead to degree, commission

If you're interested in completing your college degree and pursuing a career as a Naval Officer, the Enlisted Commissioning Program (ECP) is for you.

ECP is an undergraduate education program that provides career-motivated enlisted people with an opportunity to completed their bachelor's degrees and earn a regular commission.

Active duty people selected for the program attend designated universities on a full-time basis. Upon graduation, candidates are commissioned ensigns in the regular Navy.

Qualified sailors will receive permanent-change-of-station orders to enroll in a participating Naval Reserve Officer

Training Corps host university. En route they will attend an intensive six-week academic and physical training program at the Naval Science Institute, Newport, R.I.

The designated host universities are: Auburn University; Florida A & M University; University of Idaho; University of

Kansas; University of Mississippi; University of New Mexico; Old Dominion University; Oregon State University; University of South Carolina; University of Texas; University of Utah and the University of Washington.

Students receive full pay and allowances

for their enlisted paygrades and are eligible for advancement; however, tuition fees and books are paid by the student. ECP students are not eligible for the Navy's Tuition Assistance Program, but eligible students may use in-service GI Bill educational benefits or the Veterans Educational Assistance Program (VEAP).

Students are given 30 calendar months to complete requirements for non-technical degrees and 36 calendar months for technical degrees. Students who are disenrolled from ECP at anytime are issued PCS orders to a new assignment.



Military News

Navy eyes subspecialists with AEP

The Navy, looking for a way to increase its subspecialists inventory because of various limitations to the fully funded Graduate Education Program, has established the Advanced Education Program (AEP).

AEP allows selected officers an opportunity for full-time study (with full pay and allowances) for up to one year to complete previously started graduate studies and residence requirements. The program now supports 30 students annually, and may be expanded if necessary.

Eligible officers, Lieutenant (junior grade) through Commander who have not earned a masters level subspecialty code may apply. Medical officers are not eligible for AEP, but may consider CHBUMED Sponsored Graduate Education Programs. Limited duty officers and warrant officers are not eligible.

To apply, applicants must submit a letter request to the Chief of Naval Operations (OP-114) via their commanding officers, with a copy to superintendent, Naval Postgraduate School (Code 030) and (without enclosures) to COMNAV-MILPERSCOM (applicant's assignment officer). Eligible officers should apply 12-24 months before the day of their desired study.

Applicants will be selected by a standing administrative screening board at COMNAV-MILPERSCOM. Selection will be based on each applicant's career and promotion potential, projected shortages in the desired subspecialty, excellence of academic records, potential for further graduate study, recommendations of the Commanding Officer and availability of student billets.

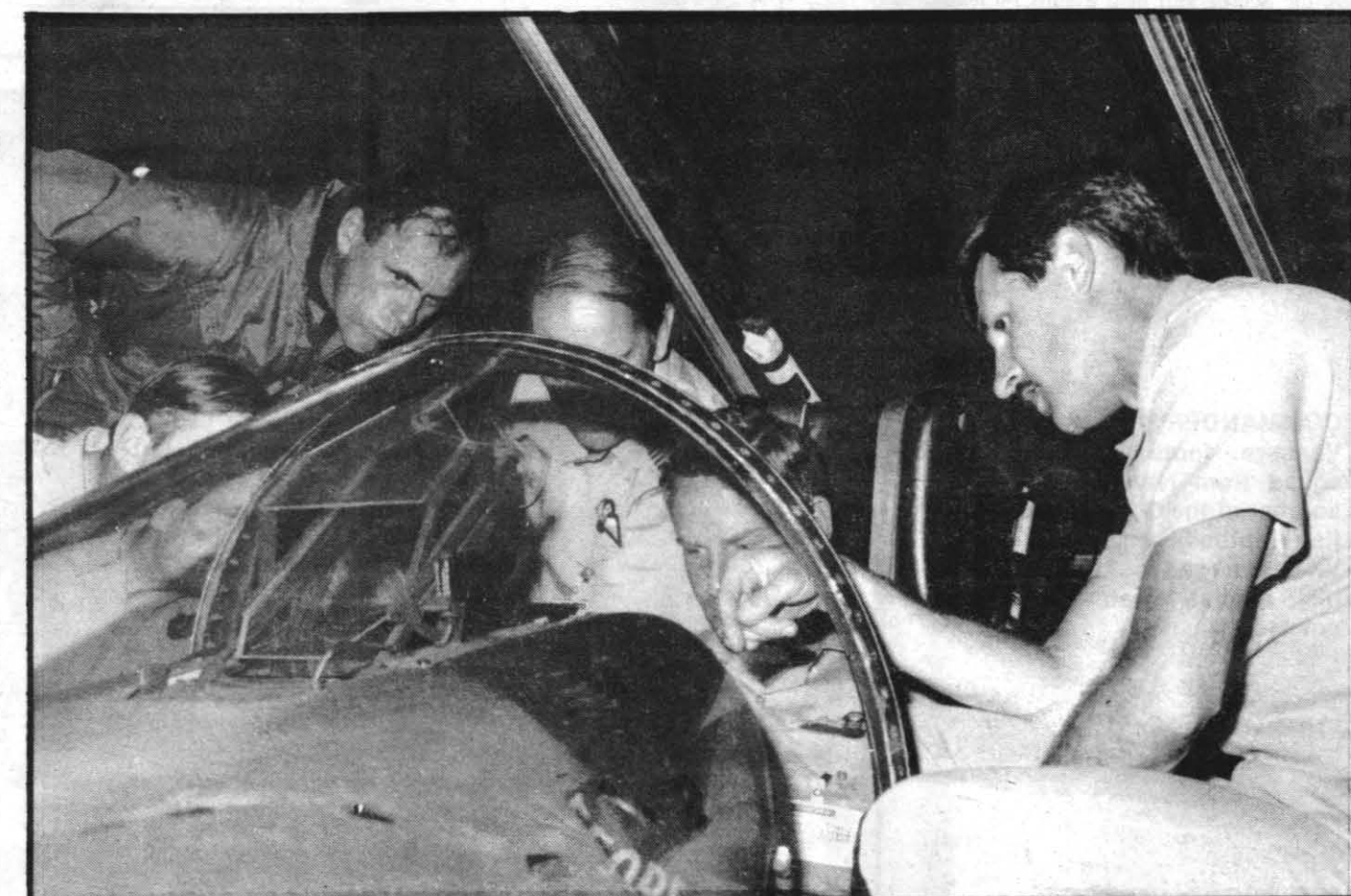
The implementing instruction is currently being rewritten, but more application information is available from Carol Williams (OP-11403) at (202) 694-4392/3 or AUTOVON 224-4932/3 — Navy News Service.

Military limits sunglasses uses

It is the season for sunglasses. They are grey, green, blue, pink, and amber tints... colors for all occasions.

But if in the military and in uniform, it is a different ballgame. Each of the military services, including the Coast Guard, has strict rules that cover the wearing of sunglasses in uniform and when in ranks. Within certain guidelines and restrictions, the services do permit them, but in each case, a conservative style is preferred.

That's certainly the case with the Navy, according to a spokesman. Says the Army Regulation Board, "They should not be outlandish." The Air Force allows sunglasses to be worn when not prohibited by safety regulations. The Coast Guard permits prescription sunglasses. "We prefer them worn on leave and liberty," says the Marine Corps Uniform Board.



ORIENTATION FOR THE BRITISH — LCdr Ed Bryant, VX-5's F/A-18 Projects Branch Head, right, conducts F/A-18 cockpit orientation for visiting RAF officers last week at VX-5. From the left, are: Wing Cdr. Tony Eley, Air Commodore Bill Maish, Group Capt. Brian Johnson, and Wing Cdr. Ron Elder.

Military suicide rate decline continues despite new escalation of civilian rate

Last year, 115 service members died of self-inflicted gunshot wounds. Fifty-three strangled or hanged themselves. Forty-four more died of other self-inflicted injuries, including carbon monoxide poisoning, drug overdoses, falls and jumps.

Suicide is the third leading cause of death in the military, behind vehicle accidents and heart disease.

Horrifying as these statistics are, however, consider this: Not only is the military suicide rate lower than that of civilians, it dropped 16.5 percent during the last three years while the civilian rate escalated.

Suicide has become an epidemic of the 1980s, claiming the lives of more than 30,000 Americans last year alone. Studies show that someone in the United States attempts suicide every 60 seconds.

Suicide knows no boundaries. It exists among the rich, the poor, all ethnic groups, all ages, men, women, young people and adolescents.

As one behavioral science coordinator at Fort Gordon, Ga., put it, "It is neither a rich man's disease nor a poor man's curse. Like a common cold, suicide respects no class boundaries."

So why are those in uniform less likely than their civilian friends to take their own lives?

Dr. (Col.) Nicholas Rock, chief of psychiatry at Walter Reed Army Medical Center, says it's probably because those inducted in the military are prescreened for the mental and physical disorders often

associated with suicide.

Once someone joins the military, the stress of unemployment for the duration of an enlistment is gone. Meanwhile, they're continually evaluated by military supervisors who may identify physical or emotional problems in their earliest stages and refer a service member for free medical care or counseling.

DOD medical personnel, family service counselors and chaplains are working to further reduce the military suicide rate.

One of the greatest frustrations they face is that nobody even knows why suicides happen. Biologists talk of chemical imbalance in the brain. Sociologists look for breakdowns in relationships. Some clergy cite erosion of faith. The simple truth is, no single theory can account for all forms of suicidal behavior.

Another frustration is that those intent on taking their lives seldom seek help or admit their intentions to others. The best way to identify those in need of help, then, appears to be identifying individuals whose behavior or life circumstances imply they could be suicidal.

Studies show that three times more men than women kill themselves, although women make more attempts. Whites commit suicide more than non-whites, and the rate is highest among older people and adolescents. Other contributing factors include alcoholism, homosexuality and divorce.

In the military, enlisted personnel are much more likely than officers to commit

suicide, and most suicides occur during the summer, in conjunction with permanent change of station moves or family separations, Rock said.

Experts look for behavior patterns that help identify those with suicide tendencies:

- depression and irritability;
- changes in eating or sleeping habits;
- giving away prized possessions;
- talk of suicide, even jokingly;
- withdrawal from usual activities and friendships; and
- reaction to the loss of a relative or friend.

One underlying feeling among suicides, they say, is a sense of hopelessness and a feeling that things just won't get better.

Whatever the cause, experts agree that suicidal behavior is a person's way of asking for help — and it's essential that person receive help. . . from a professional. Treatment for these individuals means dealing with the condition that makes them not want to live, Rock said.

"The bottom line," according to Chaplin (Cmdr.) G. E. Buckley of the Navy's largest family service center, in Norfolk, Va., "is that when you're dealing with suicide, you're dealing with someone who's completely void of hope. This is someone who wants to know if anyone really cares about him. You need to share with him the slightest ray of hope, and genuine concern and care."



Mike's Lab by Mike





Personnel development opportunities

TECHNICAL PRESENTATIONS

22 and 23 October; Tuesday, 0800-1600; and Wednesday, 0800-1700; Safety Training Classroom. By: Mim Cartwright.

Scope: This course addresses the three goals that most people have when they make technical presentations:

1. To communicate information effectively.
2. To demonstrate technical competence
3. To not appear nervous.

You will learn techniques that will give you confidence in all three areas. Topics include goals for different types of presentations and audiences, organizing material, nonlinear outlining, level of detail, visual aids, making good viewgraphs, preparing to be seen and heard, handling nervousness, delivery, and handling questions. For the final activity you will give a short presentation that will be videotaped, played back, and discussed.

Deadline: 8 October.

CAREER EXPANSION WORKSHOP FOR PROFESSIONALS

22 October, Tuesday, 0800-1000 (pretest date); 12, 14, 19, 21 November, Tuesdays and Thursdays, 0800-1200 (class dates); Cerro Coso Community College. By: Mourton and Counseling Staff.

Scope: Upon completion of this course you should be able to recognize and use personal motivations, build on personal strengths, recognize and understand your strengths, and develop a career planning process.

Note: You must attend the 22 October testing.

Deadline: 8 October.

ASSERTION TRAINING

23-25 October, Wednesday-Friday, 0800-1700, Cerro Coso Community College. By: Cerro Coso Community College staff.

Scope: This workshop focuses on the "how-to" of building cooperative, productive working relationships. Topics include identifying aggressive, passive, and assertive behavior; examining self-defeating beliefs and how to change them; learning to communicate honestly, directly, and effectively; confronting conflict and seeking resolution; and accepting personal and professional responsibility.

Deadline: 11 October.

FILES IMPROVEMENT AND RECORDS DISPOSITION

22-24 October, Tuesday-Thursday, 0800-1130, Cerro Coso Community College, Room 229. By: Hale Herold and Pam Rivera.

Scope: This class should help record keepers understand and apply basic rules related to filing work. Topics include eliminating needless filing; cross-referencing; indexing; using filing aids such as color codes, labels, file guides, and recommended file folders; the Navy Standard Subject Identification Codes; using microfilming, identifying record material; disposing of records; and using the Federal Records Centers for storage.

Deadline: 11 October.

TIME MANAGEMENT

25 October, Friday, 0800-1700, Cerro Coso Community College. By: Cerro Coso Community College staff.

Scope: This 1-day workshop brings together many practical ideas for you to use to become more efficient at work and presents the results of modern psychological research on making effective changes in your behavior, for motivating yourself, and for applying the ideas presented to your situation. We request that you bring your calendar and work schedules to class.

Deadline: 11 October.

TECHNIQUES OF EFFECTIVE LISTENING AND MEMORY IMPROVEMENT

25 October, Friday, 0800-1600, Cerro Coso City Center, Room 101. By: Bertram Barer.

Scope: Lecture, class discussion, and role playing examine the major factors in listening and memory: comprehension, information retention, emotional barriers, verbal and nonverbal communication, active

reflective feedback, memory levels, memory links, memory pegs, improving concentration, storage and retention of information, and remembering names and numbers.

Deadline: 11 October.

THE ROLE OF SUPERVISORS AND MANAGERS IN EEO

6-8 November, Wednesday-Friday, 0800-1600, Heritage Inn Ready Room.

Scope: This program should provide supervisors and managers with a working knowledge of the federal EEO program. Its emphasis is on EEO policies and regulations that have significant implications for supervisory responsibilities and practices. Topics include history of the federal effort in EEO; the effect of EEO on supervisory actions in staffing, discipline, assignments, and labor relations; the affirmative action planning process; the federal equal opportunity recruitment program; the discrimination complaint process and how to handle complaints; and special hiring programs.

Deadline: 23 October.

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

No GRE at Cal-State Chico

The Computer Science Department of the California State University Chico no longer requires students to take the Graduate Record Examinations (GRE) as one of the requirements for admission to the master's

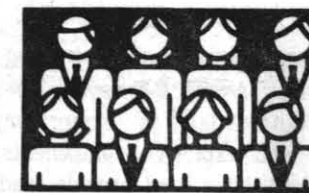
program. Please note that Cal-State Northridge and Cal-State Bakersfield still require the GRE for admission to their graduate programs.

Recent additions

CODE	NAME	TITLE
24213	Verkuy, Tony J.	Firefighter
24223	Bailey, David B.	Firefighter
26303	Kozan, E. Thomas	Architect
2679	Thyne, Donald J.	Facility Management Sp.
26812	Dibble, Judy L.	Procurement Clerk (Typing)
3143	Beatty, Brian D.	Electronics Tech.
3191	Clerrico, Albert T.	Operations Research An.
3451	Christ, Daniel NMN	Photographer (Sci/Tech)
3527	Bankston, Charles T.	Electronics Engr.
36211	Haines, Thomas J.	Physicist
3646	Branson, David L.	Machinist
3656	Mahoney, Ellen D.	Clerk-typist
3926	Peake, Douglas A.	Electronics Engr.
6121	McElwain, John E.	Eq. Spec.
6121	Wilson, Craig G.	Eq. Spec. (Aircraft)
6236	Baker, David E.	Electronics Tech.
64321	Johnson, Mary J.	Fabric Worker

Recent departures

0033	Vick, Patricia S.	Writer
01A2	Grossman, Jeffrey D.	Engrg. Psychologist
08	Osgood, William K.	Laborer
085	Van Dyke, Ethel L.	Payroll Supervisor
0921	Sippel, Katherine A.	Clerk-typist
14203	Fung, Wallace K.	General Engr.
2413	Nichols, Roger H.	Police Officer
25204	Pogge, Kathleen M.	Clerk-typist
26302	Campbell, Gloria J.	Clerk-typist
2633	Woodward, Gary K.	Architect
26446	Eustice, Michael L.	Electrician
26448	Stoner, Donald F.	Sheet/Plate Metal Work
2692	Koiner, Carl W.	Physicist
2692	Wood, Frank W.	Archaeologist
3244	Newhouse, James P.	Metallurgist
3312	Johnson, William V. Jr.	Electronics Engr.
3314	Turner, Donald G.	Electronics Engr.
3337	Hershberger, Denise A.	Electronics Tech.
3337	Hershberger, Robert E.	Electronics Engr.
3351	Anderson, Robert A.	Mechanical Engr.
3381	Bernard, Mark A.	Computer Clerk
3553	Merrill, Kevin R.	Clerk
3556	Duke, Walter G.	Inventory Mgt. Spec.
3656	Newhouse, Dawn R.	Editorial Asst.
3814	Lakin, Kenneth M.	Research Physicist
3903	Anderson, Ian C.	Computer Clerk
6232	Abernathy, Brenda M.	Engrg. Tech.
64	Davenport, Nancy M.	Clerk-typist
6411	Hass, David C.	Aerospace Engr.



Personnel News & Notes

No. 33, October 4, 1985

Naval Weapons Center, China Lake, California 93555-6001

Promotional Opportunities

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

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

No. 08-053, Program Analyst, DA-345-1, Code 08606 — This position is located in the Accounting Division, Central Staff. The incumbent will be a Program Analyst for the STAFS Supply and Financial Inventory Subsystems at NWC. The position will be as an analyst for STAFS review, implementation and operation. The incumbent will assist in determining input/output requirements and system interface requirements. **Job Elements:** Knowledge of the current NWC financial system and STAFS, especially cost accounting operations and procedures; knowledge of NWC Organizational Structure, NWC administrative policies, procedures, and regulations; ability to organize and plan programs; ability to gather and analyze financial data; ability to interface with employees at all levels, both internal and external to the Center. Status applicants may apply. Promotion potential to DA-2 but not guaranteed.

No. 08-055, Program Analyst, DA-345-2/3, DP-345-3, ADP Resources Manager/Digital Computer Systems Administrator/Computer Specialist/Computer Systems Analyst, DS-334-2/3, DP-334-3, Code 08C1 — This position is system manager of the dual VAX 11-780 mini-computer system supporting the Standard Automated Financial System (STAFS). The incumbent is responsible for the continuing availability and proper operation of the STAFS computer system, its Micom port selector based communications system, its local workstations and peripherals. He/she establishes and supervises the daily operations of the STAFS facility and provides for system maintenance. He/she is the principal point of contact for the STAFS Central Design Agent in all hardware concerns. He/she is a voting member of the STAFS Configuration

Control Board. **Job Elements:** Knowledge of proper computing facility processes and procedures; knowledge of management and operation of VAX minicomputers; knowledge of ADP and data communications hardware is required; ability to communicate both verbally and in writing is required. Promotion potential to DP-3.

No. 14-001, ADP Systems Acquisition Specialist, DS-301-1, Code 1442 — The incumbent will support the development of specifications for the initiation of Center-wide, centralized automatic data processing hardware and software maintenance contracts. The incumbent will provide day-to-day support for selected ADP support/maintenance contracts. **Job Relevant Criteria:** General knowledge of Federal Acquisition Process, ability to work with civil service and contractor personnel, familiarity with basic ADP technology and terminology. Promotion potential to DS-2.

No. 24-158, Safety & Occupation Health Specialist, DA-018-1, Code 2405 — Responsible for developing and administering the safety program in assigned areas by conducting safety surveys, identifying and eliminating hazardous conditions, investigating and analyzing incidents, recommending corrective actions and providing safety training. **KSAs:** Knowledge of safety principles, policies, and regulation of noise abatement and hearing conservation practices. Ability to work effectively with individuals and groups; to communicate both orally and in writing; to recognize safety hazards in a RDT&E environment. Promotion potential to DA-3.

No. 25-085, Procurement Assistant, GS-1106-5/6/7, Multiple vacancies, Code 25251 — The incumbent assists Contract Specialist in the administration with complex contracts including monitoring per-

formance, negotiating and writing modifications. Reviews Contract files for proper format, documentation and input into automated information processing systems. Maintains extensive status of action items for the section. **Elements:** Knowledge of general business practices. Ability to read and correctly review contracts; organize file documentation; prioritize and process in an orderly manner, multiple tasks simultaneously. Status eligibles may apply. Promotion potential to GS-1106-7.

No. 26-198, Architecture Technician, DT-802-A/1/2, Code 2633 — Multiple Vacancies. Incumbent assists in or is responsible for the preparation of specifications and cost estimates for contract accomplishment of construction/maintenance/service repair, small purchase and informal contracts. **Job Relevant Criteria:** Ability to communicate both orally and in writing; general knowledge of contracting procedures; and an aptitude for mathematics. Promotion potential to DT-3; however, promotion is not guaranteed.

No. 31-224, Computer Specialist, DS-334-1/2, Code 3102 — This position is located on the department staff and is the data base administrator for the Aircraft Weapons Integration Department Management Information System (MIS). The incumbent will implement the MIS and be responsible for designing, developing, loading/updating, and maintaining plate bases for financial management, personnel, and procurement applications. The incumbent oversees the design and writing of COBOL programs and administers contractual programming work. Interfaces with all levels of department management in planning, coordinating, and implementing data base information; other duties include providing routine and ad-hoc reports for department management and preparing and presenting briefings on the MIS. **Job Elements:** Skill in use of System 2000 language, UNIVAC executive control language, and peripheral devices. Knowledge of Code 08 financial reports and data bases. Knowledge of the personnel computer system and data base. Ability to communicate effectively orally and in writing. Promotion potential to DS-3. Status eligibles may apply.

No. 31-223, Computer Specialist, DS-334-2/3, Code 3111 — Systems software specialist. This position is in the A-4/AV-8 Facility Branch, Code 3111. The branch develops, operates and maintains the A-4/ARBS Weapon System Support Facility (WSSF) and the AV-8B WSSF consisting of three avionics workstations and a real-time simulation running on several DEC VAX-11/780 computer systems. The systems software specialist designs, implements, tests, documents, and maintains hardware interface software written in Fortran, and Macro, presents reviews/walkthrus and assists in VAX system maintenance. **Elements:** Knowledge of calculus, physics and structured Fortran programming; VAX programming. Ability to communicate orally and in writing. Promotion potential to DP-3.

No. 33-038, Administrative Officer, DA-341-2/3, Code 3355 — A rewarding and challenging management opportunity as Business Manager with the Bomb Fuze Program, Free Fall Weapons Fuze Branch, Fuze and Sensors Department. As Business Manager the incumbent will be responsible for contract administration, procurement, and financial management in the form of tracking expenditures, planning and preparing budgets, work units, air tasks, and interdepartmental task agreements for the Bomb Fuze Programs. The incumbent interfaces with the Naval Air Systems Command and other sponsors to provide budgets, schedules, and work units. **Job Elements:** Knowledge of the budget process; knowledge of procurement pro-

cess; ability to analyze financial information; ability to communicate in writing; ability to deal effectively with a variety of people. If filled at the DA-2 level, promotion potential to DA-3, but not guaranteed.

No. 35-093, Clerk, GS-303-2/3/4, Code 3502, Multiple vacancies — This position provides general clerical support to a group of scientists, engineers and technicians in the Electronic Warfare Department. Each clerk will be assigned to a specific program or branch. Duties may vary slightly according to assignment but are basically similar. The position will involve running errands such as picking up supplies from Telmart, handcarrying documents on Center to expedite processing, helping to load and unload equipment for testing, and other such tasks performed to support the technical personnel of the group. Knowledge of locations of the various departments comprising the Naval Weapons Center and a general understanding of their missions is required. Knowledge of NWC plant account and procurement systems is desirable. Status eligibles may apply.

No. 35-094, Materials Expediting Clerk, GS-303-5, Code 3502, Multiple vacancies — This position provides support to a group of scientists, engineers and technicians in the Electronic Warfare Department. Each clerk will be assigned to a specific program or branch. Duties may vary slightly according to assignment but are basically similar. The positions will involve locating, acquiring, purchasing, and using various equipment, materials and tools needed by the work group. Emphasis will be on reducing time delays in obtaining needed items. Knowledge of NWC procurement and plant account systems is required. Familiarity with electronic parts and components is desirable. Basic knowledge of NWC financial system is needed. Knowledge of the Electronic Warfare Department is desirable but not essential. Knowledge of locations of the various departments comprising the Naval Weapons Center and a general understanding of their missions is required. Status eligibles may apply.

No. 36-322, Clerk Typist, GS-322-4, Code 360 — Incumbent provides full clerical support to Department staff, Program Offices, Mail Room (and other positions as required) during absences of current incumbents. Duties consist of receiving and screening visitors and incoming phone calls; receiving, opening, and screening mail; typing official letters, memoranda, travel orders, travel vouchers and reports; maintaining office files; performing timekeeping duties, etc. **Elements:** Knowledge of office procedures and process; of NWC procedures and policies. Ability to function in a variety of office situations, to adjust to changing placement schedules, to interface effectively with personnel in many varied offices and work areas. Knowledge of or willingness to learn IBM Displaywriter, Xerox Star Workstation, and effective use of the VAX is highly desired. No known promotion potential.

No. 36-315, Logistics Management/Industrial/Equipment Quality Assurance Specialist, DS-346/1150/1670/1910-3, Code 3602 — Incumbent will act as the production program engineer/manager for assigned program; will coordinate the efforts of various NAVWPNCEN organizational units, including design engineering, quality, reliability, soldering and documentation; and will maintain close liaison with technical management elements of NAVWPNCEN, NAVAIR, and prime contractors. **Job Elements:** Knowledge of: production and system/subsystem acquisition processes; quality assurance, reliability, system safety, integrated logistics support and documentation. Ability to: communicate effectively with all levels; to communicate orally and in writ-

ing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. A willingness to travel, sometimes extensively, is desired. Promotion potential DS-3.

No. 36-321, Model Maker, WG-4714-14, Code 3644, (Multiple Vacancies) — Incumbent is responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Incumbent is responsible for independently planning, laying out, modifying, fabricating, and assembling complete models without detailed instructions. (These models are made from a variety of materials, including composites and graphite. Also involves several fabricating processes and procedures, and required knowledge in more than a single trade.) Elements: Knowledge of pertinent metals. Ability: to do the theoretical, precise, and/or artistic work of a trade; to read and use shop drawings; to use hand tools for machine shop; to measure and layout. Supplemental required for this job. Promotion potential WG-15.

No. 36-318, Supervisory Planner and Estimator, WN-4701-7, Code 3648, Supplemental required — This position is branch head, Model Shop Support Branch. This position is responsible for technical and administrative management of model shop support operation that provides several different areas of service for five shops in dispersed locations. Operations include prototype hardware planning and estimating for the shop branches as well as estimating work going out to contract, material ordering and control operations, tool crib operations, and Center-wide machine tool maintenance upkeep and repair program. Job Elements: Ability to: supervise; to interpret instructions; to use and maintain tools and equipment; to support EEO program and objectives. Knowledge of: equipment assembly, installation, and repair; materials; technical practices; use of measuring instruments. This replaces No. 36-310, which is cancelled. No promotion potential.

No. 36-320, Model Maker, WG-4714-14, Code 3649, (Multiple Vacancies) — This position is located in the Salt Wells Model Shop. Incumbent is responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Incumbent is responsible for independently planning, laying out, modifying, fabricating, and assembling complete models without detailed instructions. (These models are made from a variety of materials including composites and graphite.) Also involves several fabricating processes and procedures, and requires knowledge in more than a single trade.) Elements: Knowledge of pertinent metals. Ability: to do the theoretical, precise, and/or artistic work of a trade; to read and use shop drawings; to use hand tools for machine shop; to measure and lay out. Supplemental required to this ad. Promotion potential to WG-15.

No. 36-316, Engineering/Electronics Technician, DT-802/856-3, Code 36602 — Incumbent will act as the production program engineer/manager for assigned program; will coordinate the efforts of various NAVWPNCEN organizational units, including design engineering, quality, reliability, soldering and documentation; and will maintain close liaison with technical management elements of NAVWPNCEN, NAVAIR, and prime contractors. Job Elements: Knowledge of: production and system/subsystem acquisition processes; quality assurance, reliability, system safety, integrated logistics support and documentation. Ability to: communicate effectively with all levels; to communicate orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. A willingness to travel, sometimes extensively is desired. Promotion potential DT-3.

No. 36-317, Program Manager, DA-340-3,

Code 36602 — Incumbent will act as the production engineer/manager for assigned program; will coordinate efforts of various NAVWPNCEN organizational units, including design engineering, quality, reliability, soldering, and documentation; and will maintain close liaison with technical management elements of NAVWPNCEN, NAVAIR, and prime contractors. Job Elements: Knowledge of: production and system/subsystem acquisition processes; working knowledge of quality assurance, reliability, system safety, integrated logistics support and documentation. Ability to: communicate effectively with all levels; to communicate orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. A willingness to travel, sometimes extensively is desired. Promotion potential DA-3.

No. 621-077, Electronics Technician, DT-856-2/3, Code 62143 — This position is located in the Electronic Section, Warhead Test Branch, Ordnance Test & Evaluation Division, Range Department. The work of the section involves the static test and evaluation of warheads and explosives. This position supports the branch in the setup, operation, and maintenance of data acquisition electronics, timing sequencers and flash x-ray equipment. Typical equipment and devices include: Use tape recorders; digital oscilloscopes; plotters; transducers, signal conditioning equipment; and timed sequencers. Willingness to work out-of-doors and near ordnance. Job Relevant Criteria: Knowledge of electronic instrumentation techniques; ability to work alone and as part of a team. Status eligibles may apply.

No. 623-108, Supervisory Interdisciplinary (Mechanical/General Electronics Engineer/Physicist/Mathematician) DP-355/830/801/1310/1520-3/4, Supervisory Electronics Technician DP-856-3/4, (Current DP-4s will be considered for reassignment) Code 82501 — Serves as head of the newly established RF Target Office, Data Systems Division, Range Department. The incumbent will establish a program office to manage and coordinate the development, acquisition, modification, and utilization of RF Targets on the NAVWPNCEN ranges. Responsibilities include coordinating RF Target requirements with range users, developing a master target plan, and obtaining resources to carry out the plan. Job Relevant Criteria: Ability to perform as a first-line supervisor. Knowledge of affirmative action principles, including a willingness to support EEO objectives. Ability to plan, organize, coordinate, and manage a technical program; knowledge of threat radar systems; ability to motivate and influence others; ability to communicate with a wide variety of technical and management personnel, on-Center and DOD level.

No. 01T-008, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Mathematician/Physicist, DP-855/861/830/801/1520/1310-3/4, Code 01T6W — This position is Tactical Missile and Air Warfare Technology Program Manager, located in the Airborne Weaponry Technology Program Office, Office of the Technology Base Director. The incumbent will manage the Tactical Missile and Air Warfare Technology block program through the preparation of technology development requirements and system concepts for specific technology disciplines (including fire control, guidance, fuzing, warheads, airframes, and propulsion) assures appropriate block program focus and balance, and provides coordination with other programs both on and off Center. Knowledge of technology development requirements and systems concepts for the following disciplines: fire control guidance, fuzing, warheads, airframes and propulsion. Person must be able to communicate effectively with personnel both on and off Center. Promotion potential to DP-4 but not guaranteed. Current DP-3s will be considered as a reassignment only.

No. 39-95, Interdisciplinary (General/Mechanical/Electronics/Aerospace

Engineer), DP-801/830/855/861-3/4, Code 3905 — Will serve as Dual Spectrum Program Manager in Outer Air Battle Project Office. Provide overall direction, coordination and management for the Dual Spectrum Program. Major point of contact for Center interfacing with headquarters, contractors and other government activities. Responsible for preparation of planning documents associated with program organization, product development, material acquisition, program budgets, schedules, reports and documentation. Efforts will include establishment and execution of IR/RF lab, field, and free flight tests. Job Elements: Knowledge of missile system design with a specialty in Aeromechanics, Guidance, and/or Signal Processing. Skill in program management and directing in-house activities with appropriate technical and budgetary abilities; needs to understand procurement system and have ability to give presentations to present the program to the sponsor and off Center visitors. Promotion potential to DP-4. Current DP-3s will be considered for reassignment only.

No. 33-037, Interdisciplinary, Supervisory General Engineer/Supervisory Electronics Engineer/Supervisory Mechanical Engineer, DP-801/855/830-3/4, Code 3356 — This position is head, Explosives Components Branch, Electromechanical Division, Fuzes and Sensors Department. The functions of this branch are: design, fabrication, and testing of all explosive components used in fuzes, S-A and A-F devices. This includes detonators, leads, squibs, primers, boosters, and other devices that use primary explosives. Also, responsibility for the safety management of operations involving sensitive explosive material and components. The branch is responsible for

conducting explosive interface tests associated with S-A and A-F devices. Job Elements: Knowledge of exploratory development and explosive components; ability to direct, train, and provide leadership to a multi-disciplined group; ability to communicate clearly and effectively both orally and in writing; ability to interface with sponsors, contractors, and NWC management; willingness to support EEO goals and policies. Promotion potential to DP-4, but not guaranteed.

No. 62-014, Supervisory Interdisciplinary (General/Electronics/Mechanical Engineer, Physicist, Mathematician, Engineering Technician), DP-801/850/830/1310/1520-3/4, Code 623 — This position is head, Range Instrumentation Division of the Range Department. Incumbent will manage and direct all the administrative and technical efforts of the division, including operations of optical systems, telemetry, and range support instrumentation; planning design, development, and installation of improved instrumentation; improvement and maintenance of real plant property within the range complex; and operations of bench-level shop facilities for photo-optical equipment and machining for developmental instrumentation components. Knowledge of technical areas of specialization; ability to deal effectively with all levels of NWC and off-center management; ability to manage an organization; knowledge of affirmative action principles including a willingness to implement EEO practices. DP-4 will be filled by reassignment only. Previous applicants need not 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. 08-049, Interdisciplinary (Computer Scientist/Operations Research Analyst/Mathematician/General Engineer), DP-1550/1515/1520/801-2/3, Code 08C1 — This position is system manager of the dual VAX 11-780 mini-computer system supporting the Standard Automated Financial System (STAFS). The incumbent is responsible for the continuing availability and proper operation of the STAFS computer system, its Microm port selector based communication system, its local workstations and peripherals. He/she establishes and supervises the daily operations of the STAFS facility and provides for system maintenance. He/she is the principal point of contact for the STAFS Central Design Agent in all hardware concerns. He/she is a voting member of the STAFS Configuration Control Board. Promotion potential to DP-3. To apply send SF-171 to Alice Harball, Code 08C1, NWC ext. 3121.

No. 14-004, Interdisciplinary (General/Electronics/Electrical Engineer/Physicist), DP-801/855/850/1310-2/3, Code 1421 — Prime function as a Network Project Engineer. This position will be to analyze user requirements, plan, design, specify and integrate communications systems with emphasis on Local Area Networks as part of Centerwide Integrated Communications System (e.g., Fiber Optics Trunk, Digital Switch, high speed data and video networks). Incumbent will also analyze technology trends for LAN systems as it relates to existing and planned corporate NWC networks. Promotion potential to DP-3. To apply, send an updated SF-171 to Clint Seal (Code 1421), NWC ext. 1303.

No. 14-005, Interdisciplinary (Electronics/Electrical Engineer/Physicist), DP-850/1310-2/3, Code 1421 — Prime function as a project engineer for the voice/

data switching network, will be to analyze user requirements, plan, design, specify, and integrate the new NWC digital telephone equipment. Incumbent will be responsible for analyzing tradeoffs/cost, schedule and performance, and will lead and participate with design reviews. Promotion potential to DP-3. To apply, send an updated SF-171 to Clint Seal (Code 1421), NWC ext. 1303.

No. 31-207, Interdisciplinary (Physicist/Mathematician/Computer Scientist), DP-1310/1520/1550-2/3, Code 3111 — (Two vacancies). Simulation Software Engineer Systems Software Engineer. These positions are in the A4/AV-8 Facility Branch, Code 3111. The branch develops, operates and maintains the A4/ARBS Weapon System Support Facility (WSSF) and the AV-8B WSSF consisting of three avionics workstations and a real-time simulation running on several DEC VAX-11/780 computer systems. The Simulation Software Engineer specifies, designs, implements, tests, documents, and maintains real-time simulation software written in Fortran, presents reviews/walkthroughs and supervises junior professionals. The Systems Software Engineer specifies designs, implements, tests, documents, and maintains hardware interface software written in Fortran and Macro, presents reviews/walkthroughs, directs junior professionals, and assists in VAX system maintenance. To apply for these positions, forward an up-to-date SF-171 to B. Mierta, Code 31102, NWC ext. 5219.

No. 31-222, Interdisciplinary, Mechanical/Electronics/Aerospace Engineer/Physicist/Mathematician/Computer Scientist, DP-830/855/861/1310/1520/1550-2/3, Code 3141 — The Data Analysis Branch develops and implements

computer methodologies used to evaluate aircraft avionics/weapon systems performance. It also processes flight and simulation test data into a form that enables weapon systems and flight test engineers to evaluate performance of their systems. The incumbent will help define methodology requirements, and will design, program, test and utilize complex analysis programs that meet these requirements. Applicants should have an understanding of engineering and physics principles related to aircraft/weapon systems and knowledge of structured program development process using Fortran/VAX system. To apply for this position forward an updated SF-171 to Nina Lane, Code 31402, NWC ext. 5461.

No. 31-221, Interdisciplinary Electronics Engineer/Physicist, DP-855/1310-2/3, Code 3153 — This position is located in the Infrared Systems Branch. Duties include: The design of infrared and radar image and signal preprocessing subsystems that will be implemented in VHSIC hardware and software. The preprocessing subsystems will be interfaced to feature extraction and classification subsystems also developed in VHSIC. Incumbent should be familiar with infrared sensors, radar and signal processing technology and laboratory equipment software. Must be able to work effectively, efficiently and independently. Must have experience in writing computer programs. Should possess effective oral and written communication skills. Able to interface with all levels of personnel. To apply for this position, forward an updated SF-171 to R. Von Elm, Code 31502, NWC ext. 2979.

No. 31-218, Interdisciplinary General Engineer/Electronics Engineer/Computer Scientist/Physicist/Mathematician/Aerospace Engineer/Mechanical Engineer, DP-801/855/1550/1310/1520/861/830-2/3, Code 31904, (2 vacancies) — 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 weapon system software life-cycle support for Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will manage a comprehensive support program for an FMS customer. 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 maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. To apply for these positions, forward an up-to-date SF-171 to R. Fabiano, Code 31904, NWC ext. 5521.

No. 32-184, Interdisciplinary General/Mechanical/Aerospace Engineer/Physicist, DP-801/830/861/1310-3, Code 3263 — This position is for Program Manager of the Advanced Cluster Weapon Development Program, currently in Exploratory Development. The incumbent will be responsible for project definition, planning, coordination, and implementation of the development effort. The incumbent will prepare or direct the preparation of program plans, statements of work, task assignments, technical reports and other documentation necessary for the development and/or acquisition of the weapon system. Incumbent will conduct program status reviews and provide overall management and coordination for the development team. Incumbent must be familiar with the Navy acquisition process, Center management review, documentation policies/instructions and be able to interface with all levels of management on the Center as well as program sponsor and various diverse inter-service organizations and contractors. Incumbent must be knowledgeable and experienced in design, test, and evaluation of explosive ordnance materials. Incumbent must be able to work well with others and communicate effectively both orally and in writing. To apply for this position, send a copy of current SF-171 to D. Herigstad, Code 3263, NWC ext. 3736. Previous applicants need not reapply.

No. 36-323, Interdisciplinary, General/Mechanical/Electrical/Electronics/Aerospace, Engineer, Physicist, DP-801/

830/850/855/861/1310-3, Code 3604 — This position is located in the Sidewinder Program Office, Engineering Department. The incumbent will be responsible for managing the Sidewinder Foreign Military Sales (FMS) Programs (including co-production) and the Sidewinder Support Equipment Development Programs at NAVWPNCEN in accordance with instructions, policies and direction both from NAVWPNCEN management and NAVAIRSYSCOM Program Management. Will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 36, in a close liaison with technical and FMS management elements of OPNAV and NAVAIR and the FMS customer. Knowledge of the Sidewinder Missile and its Support Systems, the FMS policies and procedures, and Sidewinder Support Equipment development is desired. Incumbent must be able to comprehend and coordinate efforts on a large number of complex technical efforts and communicate effectively with all levels both orally and in writing. Incumbent will interface with Foreign Nationals. Willingness to travel extensively, including foreign travel is desired. Also, willingness to support NAVWPNCEN EEO policies and goals. Submit current SF-171 to Tom Hampton, Code 3604.

No. 36-314R, Interdisciplinary, General/Mechanical/Electrical/Electronics/Aerospace/Industrial Engineer, DP-801/830/850/855/862/896-3, Code 36602 — Incumbent will act as the production program engineer/manager for assigned program; will coordinate the efforts of various NAVWPNCEN organizational units, including design engineering, quality, reliability, soldering and documentation; and will maintain close liaison with technical management elements of NAVWPNCEN, NAVAIR, and prime contractors. Broad-based technical knowledge of production and system/subsystem acquisition process; working knowledge of Quality Assurance, Reliability, System Safety, Integrated Logistics Support and Documentation, as well as ability to communicate effectively with all levels, both orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. Willingness to travel, sometimes extensively. Promotion potential to DP-3. Submit current SF-171 to George Barker, Code 36602, telephone: 3441, ext. 206.

No. 36-319, Interdisciplinary, Mechanical/General/Aerospace Engineer, DP-801/830/861-2/3, Code 3665 (Multiple Vacancies) — Incumbent performs the environmental engineering functions as they relate to the development and qualification of weapon system hardware. Duties involve the determination, by both measurement and analysis, of the physical environments in which the hardware must operate, the specification of these environments for use in procurement and test documents, and the development of laboratory test methods for simulating the natural and induced environments. Duties further involve the preparation and/or review of Service Use Profiles, Environmental Design Criteria Documents, Qualification Test Plans and Qualification Test Reports. Knowledge of the design and/or testing of military hardware is desired. Incumbent should be able to communicate effectively and concisely, both orally and in writing. Should also be able to deal effectively with persons of varying technical backgrounds from on Center, contractor groups and other DOD activities. Applications from status eligibles will be accepted. Promotion potential to DP-3. Submit current SF-171 to Louise Meredith, Code 36603.

No. 39-080, Interdisciplinary General, Mechanical, Aerospace Engineer, DP-1/2/3, PAC No. 8539687E53, Code 39B3 — The incumbent performs project engineering functions and assists the development managers in conducting advanced missile systems and insensitive munitions design studies; developing missile design documentation; and participating in detailed missile hardware design, analyses, and tests for the AIM-9 Airframe Mods

Program. A general knowledge of and capability in using computer-aided-engineering tools, such as, the SDRC I-DEAS package, NASTRAN, ABAQUS, SINDA, and PATRAN is required. To perform this task the applicant should have a general engineering background and be able to perform and monitor efforts in the areas of design, systems synthesis, system simulation, structural analyses, design documentation, and planning. Opportunities exist to develop capabilities in structural dynamics, missile loads, and missile aeroelasticity analyses. Send current SF-171 to M. St. Louis, Code 39B2.

No. 39-082, Interdisciplinary General, Mechanical, Aerospace Engineer, PAC No. 8539689E53, DP-3, Code 39B3 — The incumbent performs systems engineering functions and manages the advanced configuration task for the AIM-9 Airframe Mods Program. To perform this task the applicant should have a broad general engineering background and be able to manage and direct the efforts of other project engineers in the areas of design, system synthesis, system simulation, structural analyses, design documentation, and planning. Experience in several of the following areas is required: missile design requirements, aircraft/weapon integration, computer simulation, computer design analysis, procurement processes, and development program planning. The incumbent will assist in the planning, research, and development of the AIM-9 Airframe Mods Program, as well as coordinating the advanced configuration task. Send current SF-171 to M. St. Louis, Code 39B2.

No. 39-094, Interdisciplinary, General, Electrical, Mechanical, Aerospace Engineer, Physicist, Mathematician, Computer Scientist, DP-801/855/830/861/1310/1520/1550-1/2/3. This is a staff position in the Weapons Dept. Code 3902 — Incumbent serves as the Weapons Department computer network coordinator and is responsible for the planning, coordination, and direction of computer network related tasks within the department. Specific areas of responsibility include: networking of Code 39 computers; interfacing to NWC network, off-Center networks, terminals and engineering workstations; system management of department computer resources; office automation; department ADP plan. Incumbent will also serve as the Weapons Department representative on applicable information Systems Group committees. A general knowledge of VAX computer systems and computer networking is required. Skills in coordination, planning, speaking and writing are neces-

sary. To apply, send an updated SF-171 to Arlo Mickelsen, Code 391, Ext. 3249. Promotion potential DP-3.

No. 39-092, Interdisciplinary (Mechanical/Electronics/Aerospace Engineer), DP-830/855/861-3, Code 3908 — This position is the Sparrow 7M Production Technical Manager. Incumbent acts as technical lead on all topics affecting the Sparrow production contract at Raytheon, leading and directing the efforts of an in-house production support team. Duties include planning, budgeting, coordinating and monitoring efforts of in-house personnel in a variety of disciplines; identifying and resolving production problems; defining, monitoring and evaluating contractor effort and proposed engineering changes and providing NWC assistance as required. The incumbent interfaces with NWC task managers and works closely with NAVAIR sponsors and contractor representatives. To apply send current SF-171 to A. K. Rogers, Code 3908, ext. 3925.

No. 39-093, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer/Physicist), DP-801/855/830/861/1310-2/3, Code 3908 — This position is the Deputy Development Manager for the Sparrow Program Office. The incumbent assists the development manager in overall planning, coordination and management of the Sparrow Product Improvement Program (PIP) and Tail-Control programs. Candidates for this position should possess a knowledge of tactical missile development and DOD system acquisition process; knowledge of project management and missile system engineering; ability to effectively interface and communicate orally and in writing with NAVWPNCEN management, the SYSCOMS, OPNAV, and other government activities and contractors. To apply send current SF-171 to A. K. Rogers, Code 3908, NWC ext. 3925.

No. 39-087, Interdisciplinary (Electronics/Aerospace/Mechanical Engineer/Physicist/Computer Scientist/Mathematician), DP-855/861/830/1310/1550/1520-2/3, Code 3911 — This position is in the RF Missile Systems Branch, Code 3911, located in the Weapon Synthesis Division of the Weapons Department. The incumbent will develop weapon system simulations and conduct analysis and evaluation of proposed, developmental, and operational RF guided missiles. Simulations are all digital as well as hardware-in-the-loop (HWIL), and include aerodynamic, propulsion, servo, autopilot, and RF seeker subsystem models. Please send an updated SF-171 to Burt Galloway Code 3911. Promotion potential is to DP-3.

Secretarial opportunities

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

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

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

No. 011-007, Secretary (Typist), GS-318-4/5 — Provides support to the Air Weaponry Technology Program Office. Promotion potential to the GS-6. Status eligibles may apply.