

Valentine's Day dinner sponsored by Heart Assn.

Community awareness is the goal of the Indian Wells Valley Unit of the American Heart Association's Kern County Chapter this month.

Cathy Banks, chairman of the dance committee, said the event is going to be established as an annual fund raiser. This year tickets are \$20 each for dinner and an evening of dancing to the music of the Mike Garrett quartet.

The unit is sponsoring a Valentine dinner dance at Le Parc Restaurant on Feb. 14 at 6:30 p.m., to promote that awareness. Among prominent local residents attending will be Capt. and Mrs. K. A. Dickerson.

Tickets are available at Ridgecrest Community Hospital and Drummond Medical Clinic.

The new unit of the American Heart

Association is headed by John Reynolds while Dan Banks is the vice-president, Gary Staab is treasurer and Patricia Farris is secretary.

Board members include Sally Kennedy, Suman Khrea, Dr. Daniel Kus, Dr. Ralph Rungo and Dr. Dean Scofield.

For more information about the Valentine dinner dance or the IWV Unit of the Heart Association call 375-5741 or 375-7108.

MOVIES

ALL AGES ADMITTED
General Audiences
PG: ALL AGES ADMITTED
Parental Guidance Suggested
Some Material May Be Inappropriate
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, MONDAY FEBRUARY 8, 11
"THE BUDDY SYSTEM"
Starring Richard Dreyfuss and Susan Sarandon (Comedy, rated PG, 110 min.)

SATURDAY FEBRUARY 9
"CUJO"
Starring Dee Wallace and Daniel Hugh Kelly (Horror-Drama, rated R, 100 min.)

SUNDAY FEBRUARY 10
"HAMBONE AND HILLIE"
Starring Lillian Gish and Candy Clark (Comedy, rated PG, 91 min.)

WEDNESDAY FEBRUARY 13
"CHEECH & CHONG'S CORSICAN BROTHERS"
Starring Cheech Harris and Thomas Chong (Comedy, rated PG, 90 min.)

FRIDAY FEBRUARY 15
"NATE AND HAYES"
Starring Tommy Lee Jones and Michael O'Keefe (Adventure, rated PG, 108 min.)



FUND DRIVE — John Reynolds (left) president of the Indian Wells Valley Unit of the American Heart Association, is joined by Gary Staab, treasurer, and Cathy Banks, Valentine Dinner Dance chairman, to remind residents of the group's fund raising event.

The Valentine's Dance will be held Thursday, Feb. 14, at Le Parc Restaurant beginning at 6:30 p.m. February is Heart Month and funds raised by the dinner will support local "awareness projects."

Whale watching

Whale watching is in full swing nowadays. The sea mammals can be seen swimming to new areas as they travel off the California coast.

Boat excursions leave daily during the weekends. One such business is Virg's Fishing Centers, located at Morro Bay.

The whale watching trips are popular so reservations are a must.

Happenings around NWC

The fifth annual Peter Pinto Memorial Concert will be held in the Center theater this Sunday at 3 p.m.

A number of local ensembles will perform works of Beethoven, Mozart, Hayden, Vivaldi, Corelli, and other classical music composers.

Admission to this special program is \$4 per person, with reduced admission of \$2 for senior citizens, enlisted personnel, and young people of high school age or younger.

The concert will offer a wide variety of local musicians performing as members of ensembles, from duets to sextettes, and will feature a musical piece from contemporary to the great works of previous classical periods.

Proceeds from the concert will be used for a music scholarship established to honor Dr. Pinto's contribution to the Desert Community Orchestra, which is sponsoring the concert.

MEMBERSHIP NIGHT

The Commissioned Officers' Mess has slated this month's Membership Night dinner and entertainment for Friday, Feb. 22.

Dinner will begin at 6 p.m. with breast of chicken a la orange, baked potato, green beans, tossed green salad, hot roll and butter, coffee or tea, and bread pudding for dessert served until 8 p.m.

Following dinner, the local country-western combo, The Sounds of Country, will play until midnight.

Reservations are necessary and can be arranged at the COM office before Wednesday, Feb. 20. Tickets are priced at \$7 for members and \$8 for guests.

NAVY LEAGUE

James A. Smith, Director of Soda Products Corporation for the Kerr McGee Company, will speak at a dinner meeting of the Indian Wells Valley Council of the Navy League on Feb. 14.

The meeting, which will be held at El Charro Avitia restaurant, in Ridgecrest begins at 6:30 p.m. with a social hour, to be followed by dinner at 7:30.

Menu for the evening will be chimichanga, tostada supreme, beef taco, and beef enchilada, for \$7.50 per person. Reservations are required and may be made by telephoning 446-2538, 375-4272, or 446-5488.

All interested persons are invited to attend.

CPOM ENTERTAINMENT

A Valentine's Day Sweetheart Dance has been set by the Chief Petty Officers' Mess for next Friday night, Feb. 15, starting at 6 p.m.

A dinner of prime rib of beef will be served with wine from 6 to 9 p.m. or participants can select an entree from the menu.

From 8:30 p.m. to 12:30 a.m. entertainment by the Country Associates will be playing for CPOM members and guests.

WACOM LUNCHEON

The Women's Auxiliary of the Commissioned Officers' Mess (WACOM) has scheduled its monthly luncheon for next Tuesday beginning at 11 a.m.

Piet Paulo, a magician, will entertain WACOM members and guests following a social hour and lunch of chicken a la king. Cost of lunch is \$5 per person.

Reservations for the luncheon are necessary and can be arranged by phoning 446-7217 or 446-2661.

ESSAY CONTEST

The Fleet Reserve Association, China Lake Branch 95, is currently sponsoring an essay contest for local young people attending school in the 7th through 12th grades.

The overall grand prize winner of the national competition will receive a \$1,000 savings bond.

Persons interested in submitting essays may address them to A.C. Bennett, Chairman, Branch 95 Americanism Committee, 1406 Ticonderoga St., Ridgecrest, CA. 93555.

U.S. Government Printing Office
1984 - No. 1046

From: _____

To: _____

PLACE STAMP HERE

C-1 flight test brings praise to Center personnel

The outstanding support provided by NWC for a recent Tomahawk C-1 flight test brought an enthusiastic response from Rear Admiral Stephen Hostettler, USN, Director, Joint Cruise Missiles Projects.

A message from RADM. Hostettler said, in part, "The hard work of the many NWC personnel who brought Tomahawk to China Lake was completely successful in spite of changing requirements, short notice, unprecedented scoring demands, and, most notably, the rugged, remote terrain in the terminal scoring area and adverse weather of record proportions."

The message continues to note especially the airfield support during hours other than normal working hours; the design and construction of a scoring system with unprecedented accuracy; the construction of a target in a remote area in record time; maintenance of access roads through the most adverse of weather conditions; design and construction of communication systems for remote operations; and the tenacity and expertise of personnel who placed, adjusted, manned and operated the scoring optics in remote locations.

The mission was a combined development and operational evaluation test designed to satisfy test objectives for both JCMP and the Operational Test Evaluation Force (OPTEVFOR), and was operationally planned by military personnel of

the office of Commander in Chief Pacific, Camp Smith, Hawaii.

PW SUPPORT OUTSTANDING

The Public Works Department carpenter crew literally lived for weeks at Coso Range to meet each construction deadline.

They worked in the most adverse weather conditions: a chill factor below 0 degrees, rain, mud, ice, and finally, more than a foot and a half of snow. Despite these conditions, they were able to complete each task

(Continued on Page 3)



LONG FLIGHT — A Tomahawk missile, similar to the one tested recently, crosses the southern California coast on a test flight.



February 8, 1985

Vol. XL, No. 6

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Donors sought to give blood at Houchin Blood Bank visit Tuesday

Anyone who is in general good health will have the opportunity to help others when the Houchin Blood Bank visits Ridgecrest on Feb. 12.

The blood bank will be open to accept donations from 1 to 6 p.m. on Tuesday, Feb. 12 at the Elks Lodge, 201 East Church Avenue.

No appointment is necessary and it won't take much more than an hour of an individual's time that day.

Donors must be between 18 and 66 years of age, weigh at least 100 pounds, not have had any serious illnesses lately, nor undergone transfusions of blood in the last six months.

All potential donors will be asked to complete a health screening questionnaire and undergo a quick blood test prior to

donating blood.

Dorothy Jackson is the chairman of the blood drive sponsored by the Emblem Club of Ridgecrest. She notes that it is Valentines Day week and a donation of blood is a good way to show you care for others.

Donors should be free of flu or cold symptoms for at least two weeks, have not had a flu shot within 10 days and know what kind of medication they are taking since some may disqualify individual donors.

Also, the blood bank staff notes donors should not have eaten fatty food or dairy products, nor have consumed any alcoholic beverages within three hours of when they come to give blood.

Questions about the blood bank visit can be addressed to Dorothy Jackson at 375-2059 or 375-6266.

Navy Exchange offers patrons special bargains in February

The Navy Exchange is currently offering reduced prices of office supplies during its Tax Time '85 sale, which ends Feb. 28. On hand at the local exchange are typewriters, pencil sharpeners, desktop printing calculators, and filing cabinets.

Starting next Tuesday and going until Feb. 18 is the Presidents' Days Sale. Reduced prices on video cassette recorders and tapes, cameras, clothes, jewelry, watches, and dozens of other items, some

reduced up to 70 percent, will be available for purchase.

For the month of February the snack bars located around the Center will be serving beef stew with a small salad and roll for \$1.95 during lunch hours.

Those having breakfast on Center can have a choice of two pieces of French toast and bacon, with a free cup of coffee, or two waffles and bacon with coffee, for \$1.75 at the Michelson Lab snack bar.

'On Golden Pond' auditions set by CLOTA for spring production

Scripts for the Community Light Opera and Theatre Association's (CLOTA) spring production of the play "On Golden Pond," to be directed by Elena Vitale, are now available for prospective auditioners at local libraries.

Placed at the Ridgecrest branch of the Kern County library as well as the Naval Weapons Center library, the scripts will be available for reading on the premises of the libraries only.

Parts available in the play are that of a

couple in their 60s or older, a couple in their 30s, a male in his 30s, and a young male in his early teens.

Auditions are scheduled for February 18-20, from 6:30-9:30 p.m., at the CLOTA building, located two blocks south of the Crest Drive-in theater. The play is scheduled for a four-performance run in mid-April.

Energy tip of week

Insulate your hot water tank and pipes. It will mean less heat will escape.

NWC moving to avert future flood disasters

Very shortly bulldozers will begin piling up mounds of dirt south of the Solid State Building just south of Michelson Laboratory and in the surrounding area, and crews from the Public Works Department will be cutting through the asphalt on Blandy Avenue in several nearby spots.

These strange-looking activities are part of the contingency plan to retard any flood waters from descending on the Michelson Laboratory complex in a repetition of the August 15 disaster.

A long-term solution to the flood problem is planned, but will take several months to complete after the funding that has been requested could be obtained. Until then, the contingency plan will be in operation.

When local weather forecasters from the Naval Oceanographic Command Detach-

ment believe that rainfall from a storm in the area may total a half an inch or more during the course of a day, the Facilities Planning Officer from the Public Works Department will get concurrence from the Public Works Officer to dispatch personnel with portable radios to three spots that have been shown to be indicators of potential trouble.

The trouble spots to be watched include the crossing of Little Dixie Wash and old Highway 395, about 1 1/2 miles south of Inyokern; the crossing of Ridgecrest Wash and old Highway 395, about 5 miles south of Inyokern; and the corner of Jacks Ranch Road and Ridgecrest Boulevard.

The "water watchers" will report on water at these locations each 15 minutes. If at any of these spots flowing water reaches a depth of 6 inches, the second portion of

the contingency plan will go into operation.

Operators and equipment will be sent to 5 sites to remove earth dikes, pull out culverts that are too small to handle flood waters, and remove anything else that can obstruct free flow of flood waters.

To be sure that the waters flow around critical facilities — and that they don't again build up at the main gate — berms will be placed to channel such water.

With an hour's notice (which the spotters at the critical areas can provide), the Center should be ready to withstand another flood like the one last August.

All preparations for the emergency work that can be made in advance are now being made.

For instance, mounds of dirt that could be rapidly moved into place to construct

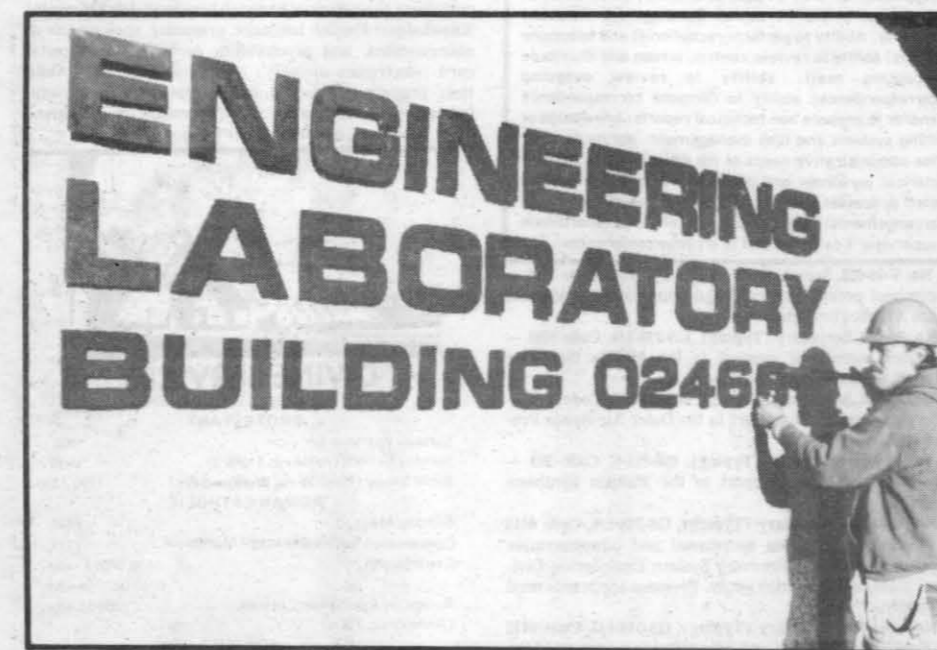
the berms will be piled up, the roads are being cut (and the cuts filled with epoxy) so that they can be pulled up in a hurry, and the no longer functional railroad tracks are also being cut and pulled out at critical crossings.

Although Capt. Hay Harrell, Public Works Officer, and Bill Bonner and Tim Silberberg, the two registered Civil Engineers who developed the plan, hope that the need to take such drastic actions will never arise, being prepared for an emergency is good insurance against another disaster.

The devastating flood of last August proved that, even though they are not often needed, flood control channels are essential to ensure that critical China Lake facilities

(Continued on Page 4)

Engineering Dept. employees begin move into new facility



FINISHING TOUCH — A workers put up the building name and number on the front of the new Engineering Laboratory. Engineering Department employees began moving late in January. A formal ribbon cutting ceremony is planned later for the new facility.

Approximately 235 employees of the Engineering Department will have a new home when the newly completed Engineering Lab is fully occupied, said Maggie Pladson, Associate Department Head. The long military construction process which began in 1976 is nearly over. The task of relocating began January 28.

The actual construction of the 60,000-square-foot one-story structure was begun in April 1983 by Cox Construction of Solano Beach. According to Pladson, the new \$6 million lab located north of Michelson Lab inside the laboratory compound will bring together such widely separated Engineering Department functions as the Soldering Technology Branch from old dorms and the Center master documentation now stored at the Continental Graphics facility in Ridgecrest.

In addition, the facility will house Quality Assurance, Reliability, and Systems Safety branches and will also consolidate a number of Interactive Graphics functions in the Engineering Department, including the Computer Aided Engineering Program

and Support Offices.

The creative use of systems furniture in the available floor space has increased the capacity of the building from the projected 160 personnel to the estimated 235. Each work station provides 40 square feet of space for each person and includes not only a telephone connection but also provision for a computer terminal.

Because the individual work spaces are small, many branches have mini-conference rooms where small gatherings can be held in comfort. In addition, there is another centrally located conference room for larger meetings.

The new laboratory includes specially designed areas for soldering, failure-analysis labs and the plating area. It also has a controlled environment and special darkrooms in the Interactive Graphics area.

Energy conservation has been stressed. The high earth berm on three sides replaces artificial insulation inside the building. The earth, which will have coyote

(Continued on Page 7)



Flyfishers plan tying sessions this season

The Aquabonita Flyfishers will conduct a fly tying class next Tuesday at 7 p.m. The class will meet weekly, except for the first Tuesday of each month, and will run for 12 sessions.

The class will cover the basics of tying flies and the use of proper tools and materials. A different pattern, all proven fish catchers, will be tied each week.

Students are responsible for their own materials and a limited supply of tools are available for loan. Materials for the class may be purchased through the club.

A fee of \$20 per adult and \$8 per young person under 18 years of age will be asked. The fee includes a year's membership with the Aquabonita Flyfishers Club. Membership allows an individual discounts on fly tying equipment as well as other items associated with fly fishing.

More information can be obtained by phoning Chuck Newmyer at 375-5810 or NWC ext. 2589.

Isabella anglers catching trout, bass and crappie

By Mike Vranenburg

Trout fishing is good in the one and two lb. range. The first are being caught on nightcrawlers, eggs, and cheese.

The most productive spots are Kissack Cove, and off both banks of the Auxiliary Dam. A few larger trout were caught this week at Kissack Cove, and Robinson Cove.

Bass fishing is near excellent on warm days, and slow on cold days. This limit is 5, and some of the best fishing of the year is before the fish spawn.

The fish are very vulnerable at this time and a greedy fisherman can do real damage to the bass population. The proper technique for "catch and release" is, after hooking the fish bring it to the side of the boat, hold it by the lower lip and remove the hook.

The best fishing spots in the morning are the southern shores of Rocky Point, Stine Point, Lime Dyke, and Hanning Flat. Later in the day the northern shores are good fishing, Rocky Point, Piney Point, and Camp Nine.

The best live baits are nightcrawlers and waterdogs, but artificials are also productive if used properly. Catfishing is very slow, but anglers are catching White Catfish below the Main Dam in the river.

Crappie fishing is very good if you are able to local them. They are found in the submerged trees where the north and south channels come together.

Four adult winter cage league squads remain undefeated in second half play

Golden Corral has run its overall record to 8-0 in the Winter Adult Basketball League with three wins in the first week and a half of the second half of the season.

The Little Rascals with a 0-7 overall record withdrew from the league.

Golden Corral 61, NWC 44

Daryl Moline hit for 20 points as four players scored in double figures when the Golden Corral cagers ripped the NWC Lakers, 61-44. Connie Reeder added 14 points while Jerry Polly and Rick Noland had 12 markers each.

Guy Wellington's 22 points paced the NWC Lakers while Jesse Pigford added 11 markers in the loss.

VFD 59, Clinic 55

Leading by just one point at halftime, the Volunteer Fire Department cagers went on to stop the Clinic cagers, 59-55. Ellingsworth had 19 points in the win while Espirtu added 17 and Hackman had 14 points.

For the Clinic, Fisher had 21 tallies while Allen and Joe Forrester had nine points each.

Meanies 63, Pioneer Motel 50

With 15 points each from Christiansen and Chapman, the Meanies moved past Pioneer Motel, 63-50. Irvin added 14 points in the win.

Polk ripped the nets for 16 points and

Flaurnoy chipped in with nine for Pioneer Motel.

Athletes 49, Misfits 46

Trailing by a point, 19-18, after the first half, the Athletes in Traction team rallied to stop the Misfits, 49-46. Higgins led the win with 19 points and Pande added nine.

Danny Whittenburg's 20-point effort paced the Misfits while R. Armstrong chipped in with 12 points in the loss.

NWC 55, Clinic 52

The NWC Laker basketballers nipped the Clinic squad, 55-52 with a strong 28-point outburst from Guy Wellington. Brett Makey notched 10 points in the win.

Fisher's 24 points paced the Clinic team while P. Walker added eight.

Golden Corral 59, VFD 41

Three players in double figures overcame a slow first half as Golden Corral rallied to stop the Volunteer Fire Department, 59-41. The winners outscored VFD cagers 30-11 in the second half.

Daryl Moline led with 17 points while Connie Reeder added 11. Cohen notched 15 points for the firefighters in the loss.

Raiders 51, Puccis 50

Reeds Raiders held off a strong second half rally by Puccis to nip them, 51-50. Stone paced the winning attack with 23 points.

Campbell and Dowling had 17 points each

for Puccis as they took a 33-25 second half edge to nearly stop the Raiders.

Pioneer 62, Puccis 56

Pioneer Motel led at the half by just two points and boosted that to a six point edge in the long run as they beat Puccis, 62-56. Polk with 19 points and Flaurnoy with 18 led the attack and Blance added 14.

Puccis picked up 18 points in a strong effort by Campbell while Leahy added 11 markers in the loss.

Athletes 58, Misfits 50

The Athletes in Traction rallied in the second half to stop the Misfits, 58-50. Led by Allen's 22 points, the Athletes overcame a 27-24 halftime deficit. Higgins added 14 points and Pande 10.

The Misfits were outscored 34-23 in the second half. R. D. Barton led the attack with 14 points while T. Bryant added 13 markers.

Kondors 49, Road Runner 45

Down nine points, 29-20 at the half, the KZ Kondors outscored the Road Runners 29-16 in the second half to grab the win. Booth's 22 points paced the victory while Barnhardt added 10.

Johnson and Robbins had 10 points each for the Road Runners who fell to 1-1 in the second half of the season.

Golden Corral 76, Clinic 44

The Golden Corral cagers were never in trouble as they ripped the Clinic, 76-44. Daryl Moline ripped the nets for 37 points while Jerry Polly chipped with 14 points.

The Clinic team got a 14-point effort by Fisher and 10 points by Allen in the loss.

Meanies 47, Raiders 41

Reeds Raiders notched only 10 first half points as they fell to the Meanies, 47-41. Chapman paced the winning attack with a 10-point game.

Danny Gratton's 20 points and 10 points from Stone led the Raiders in the loss. Their 31-20 second half edge wasn't enough to overcome the Meanies' advantage.

VFD 57, NWC 34

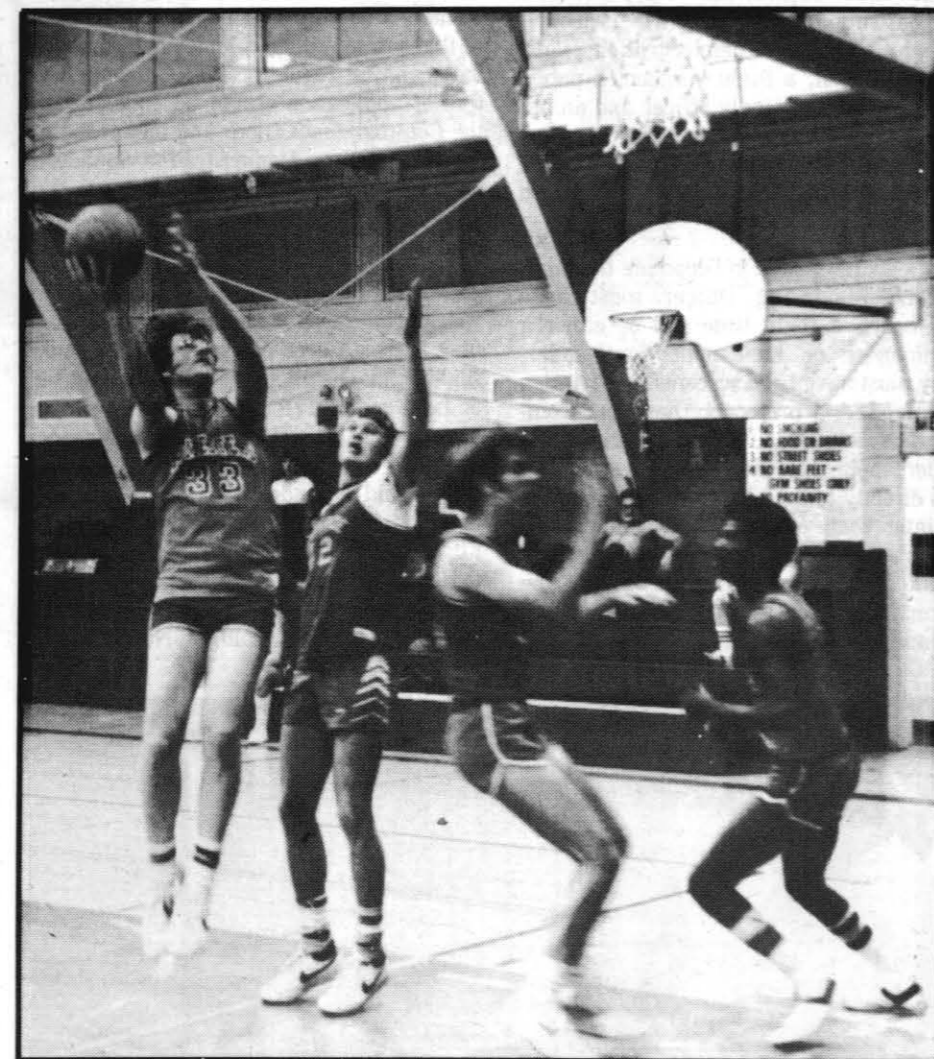
The NWC Lakers were humbled by the Volunteer Fire Department 57-37. Wellington notched 15 points to lead the NWC squad in the loss.

Hackman with 16 points led the winners while Cohen and Espirtu had 13 markers each in the game.

Standings

National Division			
Team	W	L	
Golden Corral	3	0	
CFD	2	1	
NWC	1	2	
Clinic	0	3	
American Division			
Team	W	L	
Athletes	2	0	
KZ Kondors	1	0	
Road Runners	1	1	
Misfits	0	2	
Central Division			
Team	W	L	
Meanies	2	0	
Reeds' Raiders	1	1	
Pioneer Motel	1	1	
Puccis	0	2	

Photo by PH2 Rick Moore



ADULT GAMES — Pioneer Motel and Puccis squared off in winter adult basketball league game last week. Pioneer Motel came out on top of a 62-56 contest to even their record in the second half of the season.

NWC recreation hoopsters have full schedule

Week three of the NWC Youth Basketball program concluded as the teams near the halfway point in their season. Ten games were played last week.

Senior Division

Clippers 59, Mavericks 32

Eric Winter's 25-point outburst paced the Clippers to an easy win against the Mavericks, 59-32. T. Perkins chipped in with a 19-point game for the winners.

Steve Haleman's 15 points was high for the Mavericks, the only player in double figures. Matt Kibbe added six points.

Bullets 43, Kings 34

Behind a 20-point game from Doug Hayes and a 17-point effort by Richard Hutchinson, the Bullets stopped the Kings, 43-32.

In a losing effort, Pual Mantz hit for 14 points while Bobby Lewis counted eight points.

Instructional Division

Stars 22, Suns 11

The Stars got a 12-point game from Anthony Weber to lead their 22-11 win against the Suns. Damon Kelling counted eight points and Mike Fredrick had two.

Issac Curran's six points paced the Suns while Keith Parris added three and Chuck Rouland had two tallies in the loss.

Nets 24, Bulls 14

Scott Foremaster equaled the total output of the Bulls as he led the Nets with 14 points in their 24-14 win against the Bulls. Jason Kremsdorf added six points in the win.

For the Bulls, Mark Russel, Brian Hire and Josh Morehead had four points each while Kevin Self rounded out the scoring with two points.

Intermediate Division

Rockets 65, Huskies 23

The Rockets zipped past the Huskies with three players hitting for more than 16 points. Matt Bullock led the way with 24 points while Mike Matson added 21 and Brad Bays notched 18 points.

The Huskies got six points each from Scott Ross and Adam Plugge in the 65-23 defeat.

Celtics 46, Pistons 39

Chris Marshall led the roost for the Celtics, ripping for 29 points as the Celtics nipped the Pistons 46-39. Sean Gilbreath

added six points in the win.

Jason Rainwater's 12 markers keyed the Piston attack while Tom Haleman counted six points as did Scott Hansen.

Nuggets 33, Spurs 30

Todd Mather's 21 points and 10 from Chris Brown were all the Nuggets needed, but Tommy Mather gave them a cushion with two points in the 33-30 defeat of the Spurs.

Rod Zagala was hot for the Spurs, hitting 19 points. Dave Bartels chipped in with nine points and Dennis Sarrett added two points in the loss.

Junior Division

Hawks 70, Warriors 52

In the highest scoring game of the week, (Continued on Page 7)

The Skipper sez



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

QUESTION

Civilian employee — I'm curious about the solar collector you have over at the Dispensary. What is the status of this? Is it expected to have work done on it? If not, would those panels be put up for auction?

ANSWER

The solar system at the NRMC Dispensary is about to be decommissioned. Inasmuch as it was an experimental system to expand the state of the art at the time of its installation, it has performed its mission. Results gathered from this installation did provide valuable design information for future systems and yielded significant solar energy during its operation. Lack of power to the circulation pumps during a below-freezing condition a few years ago did serious damage to the majority of panels. They were repaired and provided a few more years of use. Significant operation problems and a recent engineering analysis have determined that a negative cost/benefit ratio has been reached, hence the decision to decommission and remove. The removed equipment will be turned in to the DPDO for disposal.

QUESTION

Military dependent — I was wondering why, if you are on the reroofing list, you can't get people to come out and patch your roof if it's leaking. It just doesn't seem to be too terribly cost effective not to do that. Thank you.

ANSWER

The maintenance crew is to respond to all service calls. Whether your unit is to be completely repaired under the reroofing contract or not should not eliminate a temporary patch to prevent damage to unit or your furnishings. There were about 150 chits called in during the recent storms. Intentions were to take care of the most severe situations first; however, all roof leak chits have been responded to and repairs completed as of this date.

QUESTION

Civilian employee — Has anything been done about issuing the checks covering the retroactive pay increase that we were supposed to have gotten last summer? Thank you.

ANSWER

This question has been "overtaken by events" in that the retroactive pay increase was reflected in the final paycheck of 1984. This was a very time-demanding process for both Code 08 and Code 09; many thousands of actions had to be hand-processed to account for every change in pay-rate, for every employee who resigned/retired, and so on.

QUESTION

Civilian employee — I would like to know if there are any plans to put a bicycle path along Richmond Road to alleviate the danger from heavy traffic for bike riders. Thank you.

ANSWER

There are no plans to provide bike paths along Richmond Road due to lack of funding at the present time. I agree that the traffic along Richmond Road is heavy, but bicyclists and vehicle drivers need to be aware of each others' rights. Both must observe the California motor vehicle code when operating on roadways.

More than 700 expected to attend...

Soldering technology seminar planned Feb. 19-20

Registration is now underway for the ninth annual Soldering Technology Seminar to be held at NWC February 19 and 20. Attendance at last year's seminar exceeded 700 persons; an equal number are expected to attend this year.

The Soldering Technology Seminars held on board are designed to promote free exchange of information between the government and private industry. Prior seminars have drawn outstanding speakers as well as attendance from throughout the world.

NWC personnel are encouraged to attend any of the talks in which they may be interested. The only prior registration required for NWC personnel is to attend either of the luncheons or to attend the evening banquet on Tuesday, Feb. 19.

Reservations for the luncheons at the Commissioned Officers' Mess, the Chief Petty Officers' Mess or the Enlisted Mess must be made in advance. Cost of the lunch for either Tuesday or Wednesday is \$5 per person.

The guest speaker for the evening banquet will be Al Testani, Manager of Engineering Operations for the Federal Systems Division of IBM, Owego, New York. His talk is entitled "Design for Manufacturing." Only 450 reservations can be accepted for the dinner, which costs \$9.50 per person.

Reservations for the luncheons or the dinner must be made promptly by telephoning NWC ext. 3534 or by sending or bringing a check to NWC Code 3608, with the check made out to "Navy Recreation

Fund." Burrell Hays, NWC Technical Director, will open Tuesday's session at the Center theater at 8:15 a.m., to be followed at 8:30 by Chris Peterson, head of the Soldering Technology Branch, and Harold Peacock, head of the Electronics Manufacturing Program Office, who will introduce the session.

The other speakers for the morning, their topics, and the time at which they will speak, include, 9 a.m., Tim Hohmann, Texas Instruments, Inc., "How to Automate Your Wave Solder Machine;" 9:40, B. M. Cox, Union Carbide Corp., "Causes and Remedies for Poor Solderability on Component Leads;" 10:50, L. Zakraysek, D. E. Kelsey, and J. A. DeVore, General Electric Co., "Microstructure of Solders;" and at 11:30, T. S. Shilliday, T. L. Fletcher, F. B. Stulen, and D. Ensminger, Batelle Columbus Laboratories, "Automated Inspection of Solder Joints Using an Ultrasonic Technique."

The afternoon sessions begin at 1:40 with F. Henley and D. Ferguson of Texas Instruments, Inc., discussing "Automated Solder Joint Inspection Using Laser/Infrared Techniques;" 2:20, Roger Wild, International Business Machines, "A Review of Component Lead Solderability Issues II;" 3:20, David K. Flattery, Radiant Technology Corp., "Infrared Reflow for the Solder Attachment of Surface Mounted Devices;" and, at 4 p.m., J. Gordon Davy, Westinghouse Electric Corp., "Wave Solder Defect Standards Model."



APPRECIATION EXPRESSED — Michele Mullett accepts the thanks of Capt. K. A. Dickerson for the exceptional effort that she and Betty Gross (watching) demonstrated, resulting in a letter of appreciation from the Commander, Naval Sea Systems Command. The two women prepared a solicitation document for the acquisition of a Computer Aided Design/Computer Aided Manufacturing system in an extremely short period of time and at considerable personal hardship. — Photo by PH2 Rick Moore

Praise to personnel...

(Continued from Page 1)

ahead of schedule. The heavy equipment crews had to grade and then later clear the snow from over 40 miles of roads in the test area. Work stopped only on Christmas Day and New Year's Day.

The Aircraft Department had military personnel supporting this project over both the Christmas and New Year military leave periods. A specially equipped aircraft operated out of the airfield each day to obtain data on route conditions that affected the missile sensors.

Helicopter support was also provided for the security team, for the aerial photographer, and for use as an express service to transport personnel and material into the test site.

The Safety and Security Department played an important role in the Tomahawk mission. The China Lake Police Division provided a security team to safeguard the missile in the R-2508 airspace if an early recovery was required. The Fire Division provided a pumper crew and medical technician at the test site to extinguish fires caused by the impact and to provide medical assistance if needed.

A temporary instrumented range was set up in Coso Range by the Range Department. According to Wayne Claunch, who was directly responsible for coordination of virtually all aspects of the NWC preparations with JCMP and its support agencies, the amount of equipment used in this temporary range exceeds the capability of most other DoD test ranges. Tracking cameras, fixed cameras, and generators all had to be installed along the terminal flight path.

Remote timing, telemetry, meteorological and communications stations were pulled through the ice and snow to the Coso mountain peaks by Public Works Department heavy equipment.

The communications crew, with assistance from Public Works personnel, worked through the night before the operations day to replace microwave links on Laurel and El Paso mountain peaks. The Search and Rescue team's tracked vehicle (driven by Public Works personnel) proved the only means to reach the stations through the ice and snow.

Two forward control centers were established in the test area to control the test if data link signals were lost at the G-1 control center.

In conclusion, RADM. Hostettler's message gives special recognition to Claunch for his coordination of the test.

Claunch commented that "The efforts of over 200 people combined to make NWC participation a success. Indeed, the test could have been accomplished only at China Lake within the time span allowed and under the prevailing adverse weather conditions. RADM. Hostettler requested that a 'well done' be passed on to all hands."

TD seminar speaker to discuss role of corporate culture
Next Friday morning all interested Center personnel will have the opportunity to hear Dr. Terry Deal, co-author of "Corporate Cultures", discuss how the cultures, values, and beliefs of an organization can affect its efficiency.

The talk will be presented as a Technical Director Seminar at 9:30 a.m. in the Michelson Laboratory Auditorium (Rm. 1000D).

Dr. Deal, who has taught at both Harvard and Stanford Universities, is currently on the faculty of the Peabody College of Vanderbilt University.

He maintains that the strength of a company's culture is often a measure of that company's financial strength as well, that the link between a cohesive corporate culture and the success of an organization is strong.

Among the companies for whom Dr. Deal has served as an advisor are Digital Equipment Corporation, Hewlett Packard, AT&T, Johnson & Johnson and Pacific Northwest Bell.

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GOOD IDEA — HN Ofis Lee Gamble checks Kay Williams' blood pressure; regular blood pressure checks are being encouraged as part of the American Heart Association's celebration of February as "Heart Month." Any China Lake personnel who would like can get a free blood pressure check by stopping by the aid station in Michelson Laboratory between 7:30 and 11:30 a.m. or 12:30 to 4:30 p.m., or the one at Salt Wells between 7:30 a.m. and 4 p.m. daily. — Photo by PH2 Rick Moore

Buckling youngsters into safety car seats can save their lives

Child passenger safety week will be celebrated from today through Feb. 15 as a reminder to everyone to buckle youngsters into car seats when they are passengers in automobiles.

Jim Brown, China Lake Police Chief, reminds everyone that National Safety Council statistics show the lives of 500 children per year could be saved if all youngsters were either in a crash-tested car seat or were wearing seat belts when in a car in motion.

To protect the lives of little ones, 49 states now have laws requiring the use of crash-

Timecards due Tues. because of holiday on Monday, Feb. 18

All personnel responsible for submitting timecards are reminded that because of the Washington's Birthday holiday, Monday, Feb. 18, timecards for the pay period ending Feb. 16 must be turned in by 4:30 p.m. Tuesday, Feb. 12.

The early timecard submission is necessary for Payroll, Code 0864, to meet the deadline for the normal payday of Feb. 22.

No timecards are to be left out. Failure to give the Payroll Office an accurate timecard by the Feb. 12 deadline may result in a delay of an employee's paycheck.

It will be necessary for department timekeepers to project or estimate the hours worked for Wednesday, Thursday, Friday, and Saturday, Feb. 13 to 16.

If an error is discovered Wednesday afternoon a corrected timecard can be submitted to the Payroll Office between 11 a.m. and 3:30 p.m. of that day.

Any overtime worked after 4:30 p.m. Tuesday, Feb. 12, through midnight Saturday, Feb. 16, should be submitted on a supplemental timecard for payment the subsequent pay period.

Avert disaster...

(Continued from Page 1)
are protected from inundation during heavy rains.

Public Works Department personnel are now studying both terrain and Army Corps of Engineers floodplain maps to determine the best locations for such channels and what size channels would be needed to handle the water from a 100-year storm.

The cost of building adequate flood control channels is such that Congressional approval will be required. The Naval Facilities Engineering Command, Alexandria, Virginia, has provided funds to do the design and cost estimate for further funding consideration.

When the Naval Ordnance Test Station (now NWC) was built at China Lake in the early 1940s, the possibility of major floods was not the primary consideration in siting the buildings; the primary concern at the time was winning World War II as quickly as possible.

Following floods in the early 1960s, and again during the next decade, the Army Corps of Engineers was tasked to prepare floodplain maps of the Ridgecrest area. The first of these was completed in 1963; a separate study for NWC was completed in 1979.

In this 1979 study, the Army Corps of Engineers suggested that major flood control channels will be required to provide adequate protection from violent tropical storms that occur in this desert area. As is sometimes the case, limited funds took precedence over technical needs and implementation of the total plan was deferred.

One of the channels recommended by the Army Corps of Engineers was constructed, and carries drainage water from Inyokern Road just west of Ridgecrest city limits to a low area approximately 3 1/2 miles south of China Lake community.

This channel helped avert further damage during the August 1984 flood, but it and other drainage ditches were not adequate to carry off the massive amounts of water flowing down Inyokern Road to China Lake Boulevard.

The flood problem has also increased during recent years, not so much because the rains are heavier, but rather because construction of homes and commercial facilities and paving of roads in the area south and west of NWC has caused water that used to percolate into the soil to drain north and east into NWC.

As NWC engineers envision the flood control channels needed, the main flood control channel will run from the main gate area northeast toward the China Lake playa. Helping to keep flood waters away from critical facilities will be an earthen

berm on the east side of the channel; this berm will be made of the earth that is dug out of the channel.

Along with the flood control channels themselves, culverts of adequate size and strength will be designed and placed properly to let the waters pass beneath roads.

In addition, it is expected that some culverts in the China Lake Propulsion Laboratories area will need to be increased in size to prevent the kind of flooding suffered there during the past two years.

When the design and cost estimates are completed, they will be part of a military construction funding request made by Congress. Once such funding is approved, actual construction could be completed within a year.

Bonnie Irvine to talk about function, role of women's network

"What IS a Network Anyway?" will be the topic for the February meeting of the East Sierra Careerwomen's Network, which will be held on Wednesday, Feb. 13, starting at 6 p.m.

The meeting will be held at Le Parc restaurant at the Heritage Inn in Ridgecrest; the ticket price of \$5 covers the cost of dessert and coffee. Tickets must be purchased before the close of business on Monday, Feb. 11. They may be obtained at either the Ridgecrest Chamber of Commerce, 303 S. China Lake Blvd., or at the EEO office in the Personnel Department Blvd., 505 Blandly Ave.

The networking session will begin at 6 p.m., to be followed by dessert and coffee before Bonnie Irvine will speak.

Mrs. Irvine was a charter member of the Ventura County Professional Women's Network, and served as public relations director and a member of the bylaws committee for the organization. She currently heads the committee that is forming the careerwomen's network in Ridgecrest.

Any woman or man who believes that a career is personally important, anyone who is curious about what networking is and what it accomplishes, or anyone who believes that it's possible to accomplish more as a group than as separate individuals is invited to attend.

Navy Hotline

for Fraud, Waste and Abuse

Call: (800) 522-3451 (toll free)

288-6743 (Autovon)

(202) 433-6743 (commercial)

China Lake Police reports

The car that had been reported stolen from the lemon lot recently was found on Wednesday, Jan. 30, in the 800 block on East Ridgecrest Boulevard. The case is still under investigation.

UNLICENSED DRIVERS CITED
On making routine traffic stops this past week, China Lake police found a batch of unlicensed drivers among those stopped:

one Thursday, two Friday (one driving on a suspended license), one Saturday, and one Sunday. In each case, the driver was cited into East Kern Municipal Court and released.

TOOL BOX TAKEN
On Jan. 30, a victim reported that a tool box had been removed from the back of his truck. The missing tool box is valued at \$100.

BIKE RECOVERED
A bike reported stolen on Jan. 30 from a residence in the site B Capehart housing was later found.

RING STOLEN
Playing racquetball proved costly for one man on Thursday, Jan. 31. The victim reported that a ring he had removed and left in the gym while he was playing was stolen from him. The missing ring is valued at \$250.

WHISKEY MISSING
Some thirsty thief removed two bottles of whiskey from the package store, according to a report filed Monday. Value of the missing whiskey is \$22.60.

WINDOW BROKEN
Tuesday unknown persons broke a window in the BEQ and left the area. The window has an estimated value of \$40.



DP3 Grant enjoys working with computers, programs

DP3 Tamea Grant likes to think of herself as sort of a troubleshooter.

A five-year veteran of the Navy, DP3 Grant works with computer operators in the Aircraft Support Division of the Aircraft Department.

Since arriving at China Lake, after a tour of embassy duty in London, England, Petty Officer Grant has worked to improve communications between the military and civilians in computer operations, written a book of procedures for the UNIVAC computer used in the Aircraft Support Division and worked at transferring data from the UNIVAC to IBMs.

Now she spends most of her time working with operators who have problems with the computers or the programming. She also attends classes to increase her knowledge of the computer field.

And, later this year she will be an instructor at the NWC Training Center for a class on the Apple CP/M system.

Petty Officer Grant credited LCdr. John Cullinan with upgrading the attention given use of computers within the division.

Navy Lodges offering toll-free reservations

Toll-free reservations are now offered by Navy Lodges in the United States.

By dialing 1-800 Navy Inn (628-9466), authorized patrons from all military services can receive confirmed reservations for Navy Lodges located in the 48 contiguous states. The toll-free number and the central reservation office operate 24 hours per day, seven days a week.

Military personnel from all services, on an accompanied permanent charge of station (PCS) move, may book reservations at a Navy Lodge in the U.S. from 5 to 90 days in advance of their move.

Because demand is very high all year, PCS personnel with dependents are urged to make reservations as far in advance as possible.

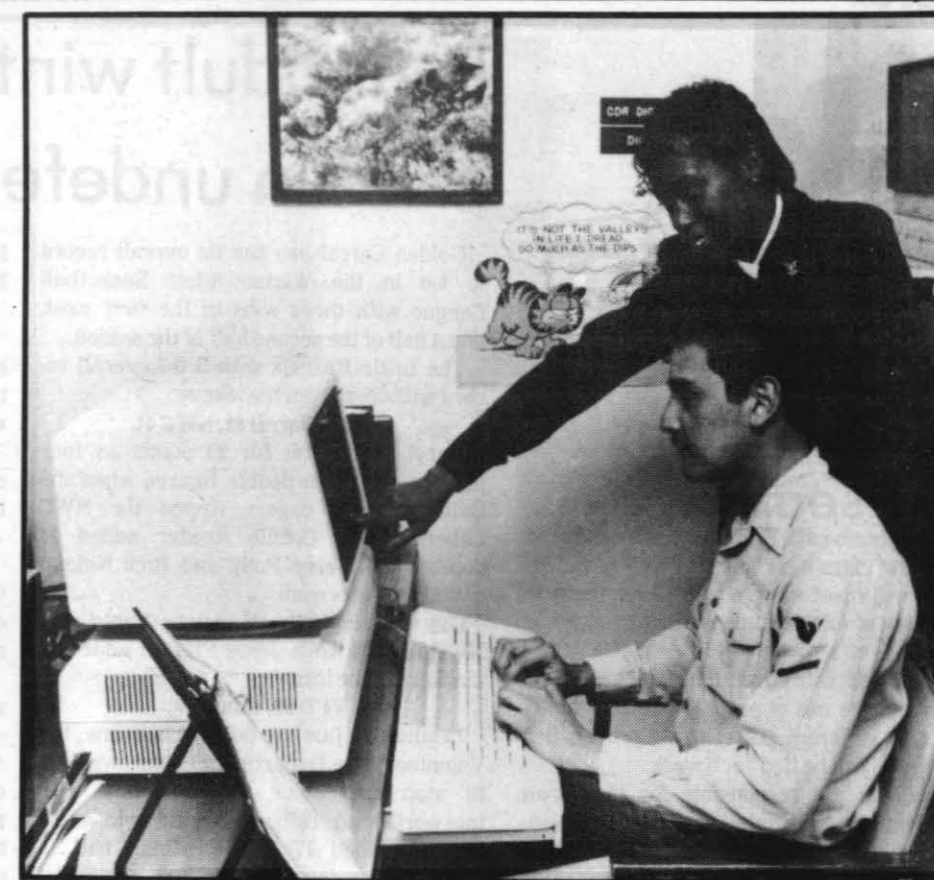
sonal computers didn't have complete user guides until DP3 Grant developed them and began working with operators.

Computers have interested Petty Officer Grant for years. While stationed in London she decided it was time to get into the field. By attending classes during that tour, she was able to take and pass the test to enter the data processing technician field.

"It wasn't easy," she noted. "It took a lot of hitting the books, a lot of learning and a lot of my own time," commented Petty Officer Grant.

The New York City native hopes to continue schooling and earn an associate degree in computer science.

More education and another tour of embassy duty are a couple of her short range goals while in the Navy.



HERE'S THE PROBLEM — DP3 Tamea Grant (standing) of the Aircraft Support Division, goes over a computer problem with one of the operators at Hangar 3. The 5-year Navy veteran will teach a computer class this spring.

'Blues' want a few good officers

The Blue Angels, the Navy's Flight Demonstration Squadron, will be selecting a flight leader, two demonstration pilots, one C-130 pilot, a flight surgeon, a public affairs officer, a supply officer and an administrative officer for the 1986 team by September 1985. Interested officers are urged to submit their applications as soon as possible.

Officers interested in becoming the flight leader/Commanding Officer must have 3500 hours of flight time and be either a Commander or Lieutenant Commander. They must have been screened for aviation command, and preferably have had command of a tactical jet squadron. Flight leader applicants should submit their letters directly to the Chief of Naval Training no later than April 30, with information copies to the Commanding Officer, Navy Flight Demonstration Squadron with a copy to Headquarters Marine Corps.

Applicants for the position of Flight Surgeon must be qualified Naval Flight

Applicants for demonstration pilot should be tactical jet pilots with at least 1500 hours of flight time, either rolling to or on shore duty, and be regular Naval Officers. Letters of application should be endorsed by the Commanding Officer and forwarded to the Navy Flight Demonstration Squadron no later than April 30, with a copy to the Chief of Naval Air Training and the Commander, Naval Military Personnel Command.

Applicant for C-130 pilot should be a regular Marine Corps officer with 1500 hours flight time. The pilot must be TPC qualified or be a senior T2P. The individual should have a background in quality assurance, safety or maintenance. Letters of application should be endorsed by the Commanding Officer and forwarded to the Navy Flight Demonstration Squadron with a copy to Headquarters Marine Corps.

Applicants for the position of Flight Surgeon must be qualified Naval Flight

Surgeons and be on or have completed an operational fleet tour. Officers should submit their applications directly to the Flight Surgeon, Flight Demonstration Squadron.

Applicants for public affairs officer must be 1650-designated regular Naval Officers. Experience in aviation-related public affairs is desired. Applicants should be on or have completed an operational public affairs tour. Letters of application should be submitted to Public Affairs Officer, Naval Flight Demonstration Squadron with a copy to CHINFO Attn: Cdr. Paul Hanley.

Applicants for supply officer should be regular Naval Supply Officers. Officers should have a background in aviation supply support and should be on or rolling to shore duty. If selected, officers are eligible to participate in the Naval Aviation Supply Officer Program. Letters of application should be submitted to Supply Officer, Naval Flight Demonstration Squadron with a copy to NAVSUP.

Applicants for administrative officer must be 6412-designated LDOs. Experience in aviation administrative support is desired. Letters of application should be submitted to Administrative Officer, Navy Flight Demonstration Squadron.

All letters of application should include each officer's experience and qualifications. Any further questions can be answered by telephoning the Blue Angels at Autovon 922-2584 or 922-2583, or by writing to the Blue Angels, Naval Air Station, Pensacola, Florida 32508-7801.

Many services from USO throughout world

In addition to providing entertainment and hospitality to U.S. military personnel throughout the world, the United Service Organization — better known as USO — also provides drug and child abuse prevention service, help with temporary financial problems, and help in case of transportation difficulties.

The main source of revenue for USO throughout the country is through United Way donations, and the USO is a member agency of the United Way of Indian Wells Valley.

The main point of contact for USO with the military personnel throughout this area is with the Bob Hope Club, 1641 N. Ivar Ave., Hollywood. The Bob Hope Club is open Sundays through Thursdays 9p, 9 a.m. until 10 p.m.; Fridays, from 9 a.m. until 11 p.m.; and Saturdays, 9 a.m. to 11:30 p.m.



PILOTS OF TOMORROW? — Lt. Bill Larimore, VX-5 Line Division Officer, recently discussed with students from Faller Elementary School the many parts of an A-7E Corsair. The A-7E,

one of nine types of aircraft the squadron flies, was just a fraction of the tour, which also included a modeling by Lt. Larimore of a pilot's full flight gear. —Photo by PHAN Greg Hogan

MIKE'S LAB by Bill Favin

