



Photos by Ron Allen



COLORFUL ATTRACTIONS — Two of the colorful events of the Hi-Desert Escapade weekend were the Standard Flower Show and wildflower exhibit and the Festival of Art. In this camera's eye view of those two activities, Carol Panlaqui, curator of the Maturango Museum, and Susan Hueber, a museum docent, look over wildflowers on display. Mrs. Panlaqui holds a bottle (upper left photo) containing Fremont pinchusion, a common desert wildflower. In other views of the flower show, visitors (top right) appear impressed by the color and variety of other wildflowers on

display, while Melody MacArthur, one of the hostesses at the flower show, admires one of the winning entries in the Artistic Design Division. In photo at lower left, Margaret Bradburn holds up her oil painting of a fall landscape for which she received a first place award in the Advanced Adult Amateur Division. She is standing next to another of her paintings that garnered a second place award. Youngsters (lower right) seem interested in the midjet masterpieces donated by members of the Desert Art League for sale at Festival of Art. The saleslady is Merle Rivette.

Many attend Art Festival, Standard Flower Show

Sizable crowds were attracted over the past weekend to the Festival of Art at the Community Center and to the Standard Flower Show and wildflower display at the Enlisted Mess. Both events were a part of the Ridgecrest Chamber of Commerce-sponsored Hi-Desert Escapade.

Marianne Kistler of China Lake scored a clean sweep in the "Bloomin' Delights" Standard Flower Show as she garnered the sweepstakes award in both the Horticulture and Artistic Divisions.

The sweepstakes award is presented to the individual who receives the largest number of first place awards in a single division of the show.

The flower show, sponsored jointly by the Oasis Garden Club of Indian Wells Valley, the Desert Planters of Ridgecrest, and the Maturango Museum, was judged by a panel of ten out-of-town judges — all accredited by the National Council of State Garden Clubs, Inc.

TOPS IN FLOWER SHOW

Recipients of Awards of Merit in the Horticulture Division were Mrs. Kistler, Marylou Biermann, Alice Hirsch, and Rose MacArthur. In addition, the Arboreal Award for the best example of a flowering tree or shrub was won by Mrs. Kistler and Mrs. Hirsch received the Award of Horticultural Excellence.

In the Artistic Division, Marge Daiber

won the Creativity Award, the Tri-Color Award went to Mrs. Hirsch, and a dried arrangement by Savola Condy earned her the judges' Award of Distinction.

Recipients of first place awards in the Artistic Design Division were Wanda Hewett, Aida Stafford, Kathleen Pratt, Barbara Firsick, Allene Archibald, Dorothy Roton, Irene Forrand, Dorothy Copeland, Karen Vaughn, Betty Curtis, Mrs. Condy, Mrs. Hirsch, Mrs. Daiber, and Mrs. Kistler.

Participants in the Youth Division of the flower show whose efforts earned them awards were Alice Thomas and Robina Forrand, winners of Junior Achievement Awards; and Susan Archibald, Amy Thomas, and Alice Thomas, who received first place awards.

BLUE RIBBON WINNERS

Blue ribbon winners in the Festival of Art, sponsored by the Desert Art League, were: Elementary Schools Division — Patrick Garrison, Deven Lindemann, David Gunn, Michael Smith, Jennifer Pinney, Amanda Gorman, Lorna Turner, Tom Legg, John Scoblic, and Pam Slates.

High School Division — Pete Hernandez, Mark Pohl, and Rosalie Clayson.

Adult Amateur Division — Anita Moulton and Pat Lloyd.

Advanced Adult Amateur — Margaret Bradburn and Mary Cutsinger.

Adult Professional Division — Gene Drew



Commissioned Officers' Mess

During the coming week, the Commissioned Officers' Mess will offer its members and guests two special nights of dining.

Tuesday, from 6 to 9 o'clock, the COM's popular two-for-one special will be the dining room special. The menu will feature half a boneless Cornish hen with wild rice. On Thursday, May 15, from 5 to 9 p.m., it will be King of Roasts Night, with prime rib of beef as the main entree.

Two weeks away (Friday, May 23) another Membership Night fete will be held for COM members and guests.

A buffet dinner of roast baron of beef, baked potato, vegetables, and coffee or tea will be offered at a price of \$4 for members and their spouses, and \$5 for guests.

Dancing to music by the Marauders, a musical group from the Los Angeles area that specializes in playing danceable popular tunes, as well as country and western music, is scheduled from 8 until midnight on Membership Night.

Reservations, which are a must for this special evening of dining and dancing, can be made by calling the COM office, phone 446-2549, no later than 5 p.m. on Thursday, May 22.

CPO Club

A special Mother's Day buffet on Sunday will highlight weekend events at the Chief Petty Officers' Club. The buffet will be served from 3 to 7 p.m., and will feature turkey, baron of beef, or baked ham with all the trimmings.

The luxurious meal will cost \$6 for adults, and \$3 for children under the age of 12. Reservations are requested; they may be made by telephoning NWC ext. 3633 before 11 a.m. tomorrow.

Tonight's club activities include music for dancing furnished by "The County Associates," a country-western band. Dinner specials include prime rib of beef or Icelandic cod; the "Country Associates" will begin to play at 8:30 p.m.

nwc rocketeer

Armed Forces Day to be celebrated Saturday

Precision flight demonstration by Blue Angels to climax spectacular air show

Final countdown has begun for the Armed Forces Day celebration tomorrow at the Naval Weapons Center.

The Blue Angel precision flight demonstration team zoomed in yesterday from El Toro, Calif., and a half a hundred modern and vintage aircraft are filling the skies today.

Centerites who are sky-watchers will feel like they have stepped back in time as they watch a World War I Fokker arrive, and a B-24 Liberator bomber from World War II days lumbers across the sky. These are only two of the 65 aircraft that will be on static display at the air field tomorrow.

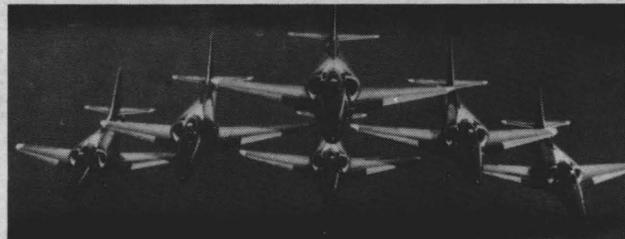
Giant Hangar 3 is bustling as 27 different displays of NWC, industrial, and community projects and programs are being set up. A tank will come crawling in to the

hangar, also; it is designed as a hands-on — or, more accurately, feet-on — exhibit for small fry to explore.

The Navy balloon team of aeronauts has already arrived, but 10 teams of civilian balloonists who will compete in a balloon race tomorrow morning are yet to come.

Navy cooks are making final preparations for the Navy lunch at the Enlisted Dining Facility which 300 ticket purchasers will enjoy. Others will be able to appease their hunger and thirst with hot dogs and iced beverages purchased at the air field display area.

And visitors from throughout southern California are readying their cars for the trek to China Lake. A large turnout of out-of-town visitors is expected since Ridgecrest service stations have assured



DELTA FORMATION — Typical of the close quarters in which the Blue Angels go through their aerial maneuvers is this photo of the six aircraft in their delta formation.

everyone that gasoline supplies will be adequate.

Off-Center visitors will enter the main gate starting at 9:30 a.m. and will be directed up Sandquist Rd. to Armitage Airfield. Parking has been arranged for more than 5,000 cars at the field.

Here they will be able to enjoy the static displays of aircraft on the apron around the hangars, and will be able to cool off inside Hangar 3, while they look at displays of Sidewinder, Sparrow, HARM, Walleye, and other NWC projects. Hughes, McDonnell, and Grumman Aircraft Companies will also have displays.

A ceramics show, sponsored by Special Services Division, will interest the craft-minded.

Woodsey Owl and Smokey the Bear will talk with children and distribute Forest Service and Bureau of Land Management publications, while additional (and more real) wildlife in the form of Mojave green

rattlers will be displayed by the local Mojave Green Project team members who will also dispense information about how not to get bitten.

These are only some of the displays and exhibits on hand. Visitors will also be able to purchase mementos such as Blue Angels T-shirts, models and books; sales of these items benefit the Naval Aviation Museum at Pensacola, Fla.

Out on the field, the Navy balloon will be demonstrating its flight characteristics; the

Radio station KLOA in Ridgecrest will broadcast the Air Show commentary for those who are not able to attend events at Armitage Airfield but are able to see the aircraft from vantage points around the Indian Wells Valley.

other balloons will take off on a race, with destination to be determined by wind direction at the time.

Starting at 11:30 a.m., members of the Valley Vultures radio-controlled model aircraft club and two professional modelers will show the maneuverability of these craft in a dazzling exhibition of dog-fighting and aerobatics.

At 1 p.m. the NWC Sidewinder drill team will present an exhibition at the flight line. As this demonstration concludes, the air

(Continued on Page 3)

Navy Appreciation Night reception set at fairgrounds

A special salute to the Naval Weapons Center by the neighboring community of Ridgecrest will take place tonight at Joshua Hall, main exhibit building on the Desert Empire Fairgrounds.

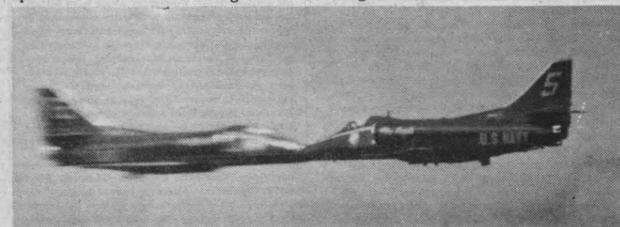
This Navy Appreciation Night reception and dance will begin with a social hour at 7, followed by dancing to music by the Marauders, a musical group from the Los Angeles area that specializes in danceable popular tunes, as well as country and western music.

"America Is Alive and Well in Ridgecrest, U.S.A." is the theme of this special event which has been arranged by the Military Affairs Committee of the Ridgecrest Chamber of Commerce.

NWC will be represented at the head table by Capt. William B. Haff, NWC Commander, and Bob Hillyer, Technical Director. Duties of master of ceremonies will be handled by Harry Parode, a retired Navy officer and former department head at NWC.

Among the honored guests at this affair will be members of the Blue Angels, the Navy's precision flight demonstration team, who will be the top attraction at

(Continued on Page 4)



HAIR-RAISER — The Blue Angel solo pilots give the crowd a thrill by approaching each along the flight line at a closing velocity of 1,000 miles per hour. From ground level, it appears that a collision may be imminent.

Jud Smith honored

Meritorious Civilian Service Award presented

A singular honor, the Navy Meritorious Civilian Service Award, was presented last week to Judson C. (Jud) Smith, a special assistant for analysis in the Electronic Warfare Department.

Smith was commended for his significant contributions to the field of defense suppression during the past 27 years that he has been employed at the Naval Weapons Center and its forerunner — the U.S. Naval Ordnance Test Station.

Since Smith is on sick leave, the presentation of this award, which is the highest such honor that may be granted by the heads of activities, was made by Capt. William B. Haff, NWC Commander, during an informal ceremony at Smith's home in Ridgecrest.

INTERNATIONALLY RECOGNIZED

The honoree is recognized internationally as an expert in defense suppression and counter defense suppression. Since joining the work force at China Lake in 1953 as an employee in the Ballistics Division of the Research Department, Smith's contributions have spanned the areas of defense suppression systems analysis, tactics, systems effectiveness, operations research, threat analysis, systems integration, and systems simulation and synthesis.

As a result of Smith's technical skills and leadership ability, analytical models and techniques have developed that are unique in the field and have become standard throughout the defense suppression community.

Using these models and techniques, Smith and his subordinates have contributed substantially to the design and development

of state-of-the-art defense suppression weapons systems. Prime examples of systems that would not exist had it not been for Smith's efforts are Shrike, the 2.75-in. and Zuni rockets, and the HARM weapon system.

Furthermore, it was pointed out in the memorandum from G. R. Schiefer, head of

the Electronic Warfare Department, who nominated Smith for the Meritorious Civilian Service Award, Smith's expertise in the area of lethal defense suppression has caused him to be sought out continually by other experts in the field at all levels within the Department of Defense and industry.

(Continued on Page 4)



CONGRATULATIONS IN ORDER — For his significant contributions to the field of defense suppression while employed at the Naval Weapons Center for the past 27 years, Judson C. Smith (center) has been awarded the Navy Meritorious Civilian Service Award. The presentation of this award was made by Capt. William B. Haff, NWC Commander, who was joined in congratulating Smith by G. R. Schiefer (at left), head of the Electronic Warfare Department.

MOVIES

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

Regular starting time—7 p.m.

FRI., SAT., MON. MAY 9, 10, 12
"AND JUSTICE FOR ALL"
Starring
Al Pacino and Jack Warden
(Melodrama, rated R, 119 min.)

SUNDAY MAY 11
"KING ARTHUR THE YOUNG WARLORD"
Starring
Oliver Tobias and Jack Watson
(Action drama, rated PG, 97 min.)

WEDNESDAY MAY 14
"ESCAPE FROM ALCATRAZ"
Starring
Clint Eastwood and Patrick McGohran
(Suspense drama, rated PG, 112 min.)

FRI., SAT. MAY 16, 17

U.S. Government Printing Office:
1980—No. 1025

From: _____

To: _____

PLACE STAMP HERE



INSPECTION — Lt. Art Edmonson, of the China Lake Police Division, points out a brake defect to Mrs. Carole Hartney and her daughter Debbie (far left) while Lisa Ovuile (r.) awaits her turn to have her bike checked. Assisting in the bike inspection program that took place recently were China Lake Explorer Post 811 and the Ridgecrest Police Explorer Post. Members of the China Lake Fire Division Explorer Post registered bikes for youngsters whose bikes had not yet been registered. — Photo by PH2 Tony Garcia

Survey scheduled to determine number of handicapped workers

The NWC Personnel Department will be conducting a survey of all Center employees to obtain accurate data on the number of handicapped employees in the workforce. A preliminary review of the handicap statistics of the Naval Weapons Center workforce indicates the statistics now being maintained are not accurate.

Accurate data is needed to assist Center management in determining past achievements and future necessary affirmative actions in the hiring, placement and advancement of handicapped individuals. Such activity is mandated by the Rehabilitation Act of 1973 (P.L. 93-113). While completion of the survey form is strictly voluntary under law, employees are encouraged to complete it.

The survey will be conducted by a mass mailing that will be done next week. Each employee will receive a memorandum requesting his or her participation in the survey, a survey form and a fact sheet explaining the purposes for which the data can (and cannot) be used, and the methods that will be used to protect the privacy of individuals providing the information. It is expected that the survey will only need to be conducted once.

Each time a newly hired employee processes through the Personnel Department, the employee will be asked to complete a form providing for the identification of any handicap. There will be no in-

formation placed in an Official Personnel Folder (personnel jacket) as a result of this survey or any subsequent individual requests made of new employees.

The data collected will be used only for the production of statistical reports and for affirmative action planning. It will not be used in a manner that would circulate a person's name in connection with a handicap.

If, for whatever reason, one does not wish to identify one's handicap status, a code is provided on the form indicating "I do not wish to have my disability status officially recorded outside my medical records."

The cooperation and assistance of employees in establishing and maintaining an accurate statistical data base is important to a viable affirmative action program for handicapped individuals at NWC.

Oasis Garden Club slates tour of gardens May 17

The Oasis Garden Club of Indian Wells Valley is sponsoring its 20th annual garden tour and membership coffee on Saturday, May 17, from 9 a.m. until 4 p.m.

Brochures and tags may be obtained from the Gift Mart and at Mean's Nursery in Ridgecrest, or by telephoning Mrs. James Vaughn at 375-1044. A donation of \$2 is requested from those making the tour.

Refreshments will be served at the home of Mr. and Mrs. C. C. Callaway.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Wage and Classification Division, Code 992, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Air Conditioning Equipment Mechanic, WG-5306-8/10, Code 2442 — (Temporary — not to exceed one year. The purpose of this advertisement is to establish a Register to fill temporary (not to exceed one year) Air Conditioning Equipment Mechanic positions. This register will be used to fill vacancies as they occur during the next several months. Maximum time in an appointment of this type will be 12 months in any 24 month period. NWC will accept applications from reinstatement eligibles, individuals currently on Civil Service Registers, and individuals not on registers who have skills necessary to qualify for this position. The incumbent installs, maintains, and repairs refrigeration and air conditioning equipment and components used in providing refrigeration and air conditioning for living quarters, offices, commercial and industrial use. Equipment includes refrigeration units, refrigerated air conditioning, humidifiers, evaporative air conditioning, gas, steam, and hot water heating units. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; technical practices and trade theory; ability to read and interpret blueprints, instructions, specifications, etc.; ability to use handtools and measuring equipment; troubleshooting; materials.

Pick up applications for the above from Kate Clark, Bldg. 34, Rm. 106, Ph. 2326
Travel Clerk, GS-2123-3/4, PD No. 80PS001, PSD — This position is located in the Transportation Support Section, Passenger Transportation Division, Personnel Support Activity Detachment, China Lake. The incumbent reviews travel orders; verifies entitlement; plans travel itineraries; issues and reserves transportation requests and tickets; obtains reservations and tickets; provides estimates and computes per diem, mileage and other transportation costs and performs other related duties. Job Relevant Criteria: Ability to type quickly and accurately; ability to research and comprehend guidelines; ability to deal tactfully with people. Promotion potential GS-5.

File applications for the above with Claire Boyd, Bldg. 34, Rm. 204, Ph. 2327

Sheetmetal Mechanic, WG-3804-8, JD No. 305N, Code 2444 — Position is located in the Maintenance and Utilities Division of the Public Works Department. Incumbent normally works with sheetmetal of 10 to 26 gauges in thickness. Lays out, fabricates, assembles and installs and repairs objects and equipment. Works from blueprints, sketches and specifications. Checks drawings against actual measurements at the job site. Lays out work, selects materials, scribbles lay-out lines and points for punching, drilling, shearing, notching, and braking. Fabricates, assembles and installs boxes, ventilation ducts, gutter, flashing, cornices, cabinets, doors, heating and cooling units, etc. Note: Position has promotion potential to WG-10; however, promotion is not guaranteed. Job Relevant Criteria: Knowledge of equipment, installation, specifications, blueprints; layout and pattern development; hand and power tools; materials; ability to do the work without more than normal supervision.

Sheet/Plate Metal Worker, WG-3801-5, JD No. 705N, Code 2445 — Position is located in the Maintenance and Utilities Division of the Public Works Department. Incumbent will assist in the fabrication, installation, and maintenance of prototypes, experimental parts and equipment made from various types of ferrous and non-ferrous metal and alloys. Performs electric arc welding, oxyacetylene welding, radio graph cutting, soldering, and burning. Works from blueprints, sketches and specifications. Note: Position has promotion potential to WG-11; however, promotion is not guaranteed. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of materials of the trade; ability to use hand and power tools; layout and pattern development; ability to follow instructions, specifications and blueprints; knowledge of equipment.

File applications for the above with Linda Long, Bldg. 34, Rm. 210, Ph. 2322

Supervisory Firefighter, GS-081-7, PD No. 7724026, Code 242 — This position is that of a captain in the Fire Division of the Safety and Security Department. Primary purpose of the position is to supervise crews assigned in the performance of tasks required in carrying out fire protection and fire prevention programs at this facility. The incumbent supervises crews, exercises administrative responsibility, conducts training, and maintains records and reports as required. Job Relevant Criteria: Knowledge of all phases of firefighting involving weapons, aircraft structures, flammable liquids and explosives; ability to communicate with others effectively both orally and in writing.

Training classes

To enroll in the following classes students should submit NWC Training Request and Authorization Form (241) 73, via department channels, to reach Code 094 before the deadline listed. If handicapped indicate need for first floor room location on training request.

Failure Effects Analysis, June 3-4, and June 5-6 (two separate classes), 8 a.m. to 4 p.m. daily. Deadline: May 23.
CSCI 320A Hybrid Computation and Sequential Optimization Methods; May 31 and June 1, June 18-22. Deadline: May 16.
CSCI 171 Computer Architecture; June 7-11, July 12-13. Deadline: May 23.
Managerial Accounting for NWC Technical Managers; May 14-16, 19-20. Course has been cancelled.

writing; ability to provide incentives, train, and work effectively with subordinates; ability to plan initial attack and place firefighting equipment to facilitate rescue and best control to extinguish fires; ability to supervise personnel or demonstrate supervisory potential; knowledge of all instructions designated by OPNAV, NAVMAT, NAVAIR, and NAVFAC pertaining to Fire Protection and Fire Prevention as well as Fire Division instructions; knowledge of firefighting, and rescue equipment; knowledge of and the ability to schedule and complete all maintenance requirements for fire hydrants, fire hose, fire extinguishers, etc. This position is located in the Fire Division. The incumbent will be required to analyze contractual and measuring equipment; troubleshooting; materials.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 3118.

Contract Specialist, GS-1102-11/12, PD No. 7625041E, Code 2321 — (multiple vacancies) This position is located in the Contracts Management Branch, Contracts Division, Supply Department. The incumbent will work with a variety of contracts including FFP, CPFF, CPIF, CPAF. The incumbent will be required to analyze contractual

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 3118.

Reassignment Opportunities

This column will be used to fill open engineering and scientific positions through reassignment and through promotion to positions with equal promotion potential. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will only be accepted from employees currently in scientific or engineering positions. 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 at the Naval Weapons Center as an Equal Opportunity Employer.

Supervisory Aerospace Engineer, GS-081-12, PD No. 7946025E, Code 4412 — As section head of the Maintenance Engineering Unit in the Parachute Systems Department's Product Support Branch, the incumbent supervises and performs the evaluation of service deficiencies and takes necessary action to implement those solutions which fall in the maintenance engineering category. The incumbent also conducts continuing investigations utilizing service data from reporting media to assure engineering, logistical, and cost improvements. Job Relevant Criteria: Knowledge of aerospace system designs; knowledge of maintenance engineering principles; ability to effectively implement EEO/Affirmative Action Programs; ability to supervise technical personnel.

File applications for above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2327.



PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0830
Sunday School Classes are held in Chapel Annexes 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC MASS
Sunday 0830-1130
Nursery, Chapel Annex 1 0815-1245
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 11th grade 1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES EASTWING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS CHAPEL ANNEX 95
Sunday Services—(Sept. May) 1930

OTHTC 10-mi. Inyokern run draws record field of 183 contestants

The largest group of runners and joggers ever to turn out for the event—a total of 183—competed in the sixth annual 10-mile Inyokern run staged last Sunday by the Over-the-Hill Track Club.

The race started at the intersection of Highway 395 and the extension of S. China Lake Blvd., and participants followed the route of Highway 395 north to the finish line at the Kern County park in Inyokern.

Because of the time involved in signing up the large number of entrants, the joggers couldn't be assembled and sent on their way by Bud Ruff, the timer, until a few minutes after 9 a.m.

Promptly at 9:30, however, the distance runners began their run with the start being signaled by a big boom from a carbide cannon that was provided by John Rambo, of Inyokern.

No new course records were set, but quite a few personal best performances were turned in. The first joggers covered the 10-mile distance in 66 min., 44 sec.

Danny Contreras of Riverside, who won this event in 1977 and '78, did so again last Sunday. His winning time was 57 min., 11 sec.

Other award winners among the men entered in the race, and their times, were: Tom McMahon (58:34), Tom Rindt (59:04), Mel Foremaster (61:18), John Stoessel (61:39), Mike Hartney (61:54), Mike

Rec. roundup . . .

(Continued from Page 6)

NWC Gold on Monday, May 19; and NWC Blue vs. NWC Gold on Wednesday, May 21.

Military personnel interested in taking part in the inner tube water polo games are asked to contact their representative of the Military Athletic Committee. They are: AEI Roy Tefft, NWC ext. 5478, for NWC Blue (Code 612); MA1 Ken Boswell, NWC ext. 2016, for NWC Gold; and LI1 Rudy Cena, NWC ext. 5236, for VX-5.

SPECIAL RATE FOR BOWLING

Active duty military personnel and their dependents may now take advantage of a special charge for bowling at the Ridgecrest Bowl during the time that Hall Memorial Lanes at China Lake is tied up with league bowling.

The NWC Special Services Division will pay the difference between the regular bowling charge for civilians at the Ridgecrest Bowl and the special NWC military prices. A military or military dependents' identification card must be shown at the Ridgecrest bowl in order to be eligible for the special rate.

Youth soccer . . .

(Continued from Page 6)

Whitcaps knotted the count at 1-1 on a well executed free kick.

In the only other China Lake Youth Soccer League game played last Saturday, the Wolves slipped past the Red Devils 1-0. The lone tally in this International Division tilt between 7th through 9th grade players followed a scramble for the ball in front of the Red Devils' goal during the final second of the game.

The Wolves, who have now won four of the six games played between these two teams, were led by Richard Cruise and Dan Towson, while steady performers for the Red Devils were Paul Conrad, Eric Young and Bill Doud.

Burros alums . . .

(Continued from Page 6)

Jim Vandevender, an alumni griddler, will get together with varsity coaches John Higdon and David Bens in plotting strategy for the team composed of odd-numbered year graduates.

Ticket stubs from either the basketball games or the football game will be good for admission to a dance on Saturday, May 17, starting at 8:30 p.m. at Joshua Hall, main exhibit building at the Desert Empire Fairgrounds in Ridgecrest.

Mumford (63:12), Werner Hueber (63:24), Jack Clark (64:47), and Mark Pohl (64:59). The top five women in the race, who also won awards for their efforts, and their times, were:

Suzanne Haney (70:27), Jerry Mumford (70:31), Julie Smith (72:50), Marla McBride (73:46), and Diane Lucas (75:01).

Anyone who finished the race, but didn't get a T-shirt and forgot to sign up for one, is asked to contact Broyles by calling 446-2941 after working hours.

Entry forms due for tennis club's spring tournament

Tennis players have until 6 p.m. next Wednesday, May 14, to get their entries in for the annual spring tournament held by the China Lake Tennis Club. The tournament will take place on Saturday and Sunday, May 17 and 18, at NWC and Cerro Coso Community College courts.

Players may sign up for a maximum of two events. There will be men's singles and doubles, women's singles and doubles, and mixed doubles. The schedule will be posted at the NWC courts by 12:30 p.m. on Friday, May 16.

Cost for entering the tournament is \$3 per person per event for members of the China Lake Tennis Club, and \$9 per person per event for non-members. Those interested in joining the tennis club may do so at this time; yearly dues are \$15 for a family, \$10 for one person, and \$3 for students.

Tennis balls will be furnished by NWC Special Services Division.

Entry blanks may be obtained at the Center gym or at Sports Etc. in Ridgecrest. Entries may be submitted to the gym office, given to a China Lake Tennis Club officer, or mailed to the club at P.O. Box 1530, Ridgecrest, Calif. 93555.

Promotional Opportunities

(Continued from Page 2)

actions as to adequacy, validity, clarity, and conformance with current regulations. The incumbent will provide pre-contractual and post-contractual liaison between technical personnel and appropriate contracting offices. The incumbent will also be responsible for developing data concerning funding, priorities, technical specifications, estimates of manhours, materials, and security requirements. Job Relevant Criteria: Knowledge of government procurement and contractual practices and management systems and services; knowledge of current business practices including business law and accounting; ability to communicate effectively, both orally and in writing, with all levels of personnel, both on and off-Center. Applications from status eligibles will be accepted.

Procurement Officer, GS-1102-11, PD No. 7225049E, Code 2522 — The incumbent serves as head, Purchase Branch, Contracts Division, Supply Department. The incumbent manages the purchase function at NWC. Duties include negotiate with suppliers as to purchase specifications, changes, monetary agreements and time of delivery; prepare procurement documents. The incumbent works with top Center Management and serves as a liaison between management and the Naval Regional Procurement Office. The Purchase Branch consists of 22 employees and processes approximately 40,000 purchase actions annually with a dollar value of up to \$30,000,000 per year. Job Relevant Criteria: Ability to provide first line supervision; knowledge of government procurement and contractual regulations; ability to deal effectively with contractor personnel; willingness to support Federal Equal Employment Opportunity (EEO) programs. Applications from status eligibles will be accepted.

Contract Administrator, GS-1102-11/12, PD No. 7825018E, Code 2322 — (multiple vacancies) This position is located in the Contract Administration Branch, Contracts Division, Supply Department. The incumbent will administer a variety of contracts for the Center including FFP, CPIF, CPAF, CPFF. The incumbent will be required to prepare contract modifications or supplemental agreements, document contractor compliance with safety regulations and insurance requirements, and coordinate documentation required for Government Furnished Material. The incumbent will perform liaison work with a variety of on and off-Center personnel. The incumbent will also be responsible for logistic, financial, technical, and security requirements as assigned by the Procuring Contracting Officer. Job Relevant Criteria: Knowledge of government procurement and contractual practices and policies; experience in procurement of technical equipment, systems, and services; knowledge of current business practices including business law and accounting; ability to communicate effectively, both orally and in writing, with all levels of personnel, both on and off-Center. Applications from status eligibles will be accepted.

File applications for the above with Linda Bege, Bldg. 34, Rm. 212, Ph. 2724.

Specifications Writer/Editor, GS-1083-7, PD No. 7924651N, Code 2656 — This position is located in the Specification Branch of the Engineering Department. Duties are to assist senior level specifications



ADDED INSURANCE — Al Chieze, right fielder for the Homestead, rounds third base and heads for home plate to score a run in the sixth inning of the Ridgecrest's team's 8-6 win over the La Mancha Dons. Chieze, who drew a walk to get on base, tallied on a hit by Art Donaldson. Third baseman for the La Mancha Dons is Dennis Haughn, co-winner of the tourney's "most valuable player" award with Dale Evans of the Homestead team. — Photo by Ron Allen

Ping pong tournament planned next week

Ping pong players will have the opportunity to demonstrate their skill during a tournament scheduled from 6 to 10 p.m. next Tuesday, Wednesday and Thursday, May 13 through 15, at the Community Center.

The tournament, organized by Bill Chan and Jack Davidson, is supported by the Special Service Division. There is a \$2 per person entry fee to help cover the cost of trophies that will be awarded to the winning teams, and to the top players in each of

three categories of competition that will be determined by playing ability.

Teams are to be formed from players representing the various departments, divisions or branches at NWC, and a team match will consist of three singles and three doubles games.

Entry forms and a copy of the tournament rules can be obtained from the Recreation Coordination Office in Bennington Plaza, at Sports Etc. in Ridgecrest, and at Cerro Coso Community College.

writer/editors to develop specification, standards and handbooks by researching and analyzing technical data to be presented in a document; writing, editing, maintaining and revising documents and writing engineering change proposals and notices of revision to proposed editorial and technical changes to documents. Reviews, edits and rewrites contractor-proposed specifications, standards and handbooks to insure compliance with MIL-STD-761 and related standards to ensure accuracy. Job Relevant Criteria: Working knowledge of weapons system design, maintenance and operating characteristics; ability to describe characteristics in clear, concise technical language; working knowledge of basic military documentation policies and procedures; ability to communicate effectively with technical personnel.

Supervisory Electronics Engineer, GS-055-12, PD No. 7924148E, Code 3622 — Position is located in the Systems Electronics Branch, Systems Engineering Division, Engineering Department. Incumbent will serve as section head for 5 to 7 engineers and technicians who perform electronic circuit/system analysis and design work in support of assigned missile system electronic components. Incumbent will perform project engineer assignments and, in addition, assign and review work performed by section personnel and make informal recommendations to the Branch Head concerning personnel management matters. (Personnel management authority delegated to the position will be increased to cover the normal first line supervisor functions when the position is raised to the GS-13 level.) Job Relevant Criteria: Ability to supervise, both technically and administratively, the work of 5 to 7 engineers and technicians assigned to the section; knowledge of electronic design, development and analysis and production engineering associated with the electronic portions of weapon systems; knowledge of solid state configurations relevant to missile closed loop guidance control functions; knowledge of aircraft systems integration requirements; knowledge of DoD and Center project management principles and practices; ability to deal effectively with persons of varying technical backgrounds from on-Center, contractor groups and other DoD activities; ability to communicate effectively and concisely both orally and in writing. Promotion potential to GS-13.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2925.
Electronics Engineer, GS-055-12, PD No. 8039040E, Code 3945 — This position is located in the Systems Integration and Evaluation Branch, Electro-Optics Division, Weapons Department. The incumbent is the project engineer for air-to-surface weapon programs using imaging infrared guidance techniques. Two current programs include the IR Walleye and MRASM. Duties include test planning, scheduling of activities, evaluation of the hardware, integration of hardware to aircraft, coordination of the flight test and of recovered data. Job Relevant Criteria: Experience and/or knowledge in the IR area; ability to laboratory and hardware development experience; ability to evaluate an IIR seeker's operation both in the laboratory and in the air; experience with circuit design especially digital; knowledge of current weapons and avionics systems; ability to write test

plans/procedures and to coordinate elements necessary to perform a flight program; knowledge of project engineering and ability to work with personnel both on and off-Center in achieving project goals; ability to communicate effectively both orally and in writing.

Auto Mechanic, NA-8023-8, \$5.03 per hour plus benefits, Permanent, Full-Time, Golf Course — This is not a Civil Service position. Incumbent will inspect, diagnose, and repair mechanical defects in gasoline and diesel powered tractors, trucks, sweepers, mowers, and a variety of other mechanical equipment used in the maintenance of a golf course; maintenance of small two and four stroke air cooled engines less than 24 horsepower; tear down motors and perform general overhauling; grind valves; repair transmissions, differentials, carburetors, distributors, fuel pumps, steering systems, starters, generators, alternators, universal joints, hydraulic systems, and high pressure pumps and valves; install batteries, tires, wiring, and glass; do some machining and welding as well as some automotive type painting and body and fender work; establish and maintain records of repair, parts inventories, time worked and orders; establish a schedule of routine and preventive maintenance; may be placed in a supervisory position over personnel assisting in mechanical repairs. Will be required to make emergency repairs in the field and will be on an "on call" basis on weekends and after normal working hours. Job Relevant Criteria: Must possess knowledge of light and heavy equipment used in construction and maintenance, and automotive apparatus; must be able to use a variety of electrical, hydraulic, automotive, diesel, small equipment repair tools and have the ability to make various types of mechanical repairs; must possess a knowledge in the care and operation of internal combustion engines; must be able to diagnose mechanical trouble and determine appropriate maintenance work.

File applications for the above with Betty Cheatum, Special Services, Bldg. 21, Ph. 3387.

The Rocketeer

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NWC Commander
R. M. Hillier
Technical Director
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Public Affairs Officer
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Recreation Roundup

Outdoor pools to open Sunday for use on weekends

Outdoor swimming pools located at the Commissioned Officers' Mess and at the Chief Petty Officers' Club will be open for the first time this spring on Sunday from 11 a.m. to 6 p.m.

The outdoor pools will continue a weekend-only schedule of operations (11 a.m. to 6 p.m.) until they open for daily operation for the summer on Monday, June 9.

Exceptions to the above will be Monday, May 26 (Memorial Day) when the outdoor swimming pools also will be open for use, while on Saturday, May 31, the COM swimming pool's hours of operation will be changed to 5 to 10 p.m.

Individuals who purchase memberships entitling them to use either the COM or CPO Club swimming pools need only show their pool tags in order to use the indoor pool at the Center gym on Monday, Wednesday and Friday, from 4:30 to 8:30 p.m., between now and June 9 when the outdoor pools switch to a daily schedule of operation.

Pool parties at either the COM or CPO Club swimming pools can be arranged by contacting the manager at either of these clubs.

INNER TUBE WATER POLO

Commander's Cup athletic competition in inner tube water polo, originally scheduled to start this week, has been postponed.

The revised schedule (all games are scheduled from 3:30 to 5 p.m. at the indoor swimming pool) is as follows: VX-5 vs. NWC Gold on Wednesday, May 14; VX-5 vs.

(Continued on Page 7)

Blizzards win soccer game on last-second goal

A last-second goal on a penalty kick that resulted in a 2-1 victory for the Blizzard over the Hurricane was the highlight of last Saturday's action in the American Division of the China Lake Youth Soccer League.

The penalty shot by Shaw Carter eluded Tony Haaland, goalie for the Hurricane team, and bounced into the net for a score. Earlier in the game, Carter tallied the first goal of the game after Clint Caffee helped to move the ball into scoring position.

Top defenders for the Blizzard squad were goalies Mark Buffum and Jason Fontenot, who held their opponents to a single goal by Greg Schmidt of the Hurricanes. On offense, the Hurricanes were led by David Mann, while in midfield and on defense, Shannon Haaland carried the load. Tony Haaland also made several good plays as goalie for the Hurricanes before the last second tie-breaker by Carter slipped past him.

Another hot, humid day caused the players to tire during the late going in several of the games. Scores of other American Division contests (for 3rd and 4th grades players) were Strikers 4, Lancers 1, and Timbers 6, Aztecs 0.

Two other American Division games ended in ties. The Sting and Rogues battled to a scoreless deadlock, and the game between the Drillers and the Cosmos ended in a 1-1 draw.

Two goals by Richard Fragemen (one on an assist by Andy Corzine), and one each by John Duncan and Chris Johnson provided a comfortable 4-1 margin of victory for the Strikers over the Lancers. A strong effort by the backfield men for the Strikers, who

Softball tourney won by Palm Springs entry

In an exciting climax to last weekend's slow pitch softball tournament, the Homestead-Mathers Dairy team of Ridgecrest nearly bounced back to win the tourney title, but had to settle for second place after losing the final game, 10-9, to the La Mancha Landscape Dons from Palm Springs.

The visitors from Palm Springs posted lopsided wins over four local teams on Saturday to earn the favorites' role in contests that would decide the tournament winner on Sunday.

The La Mancha Dons defeated the SCOE Brothers 9-5, Knights of Columbus 13-5, and Burger King 22-9 before also knocking the Homestead team into the losers' bracket of the double elimination tourney. In the first of three games with the Homestead squad, the Palm Springs team rolled to a 16-4 victory.

Up until that point in the tourney, the Homesteaders had powered to a 14-1 win over the Bombers from Los Angeles, and defeated NAS Miramar 13-3. The Ridgecrest team had to pull out all the stops, however, to post a 15-14 win over We Party, a squad from San Luis Obispo.

In this squeaker over We Party, it took a 4-run rally in the last of the 7th inning to turn the trick for the Homestead. Five base hits produced 4 runs, including the game-winning tally by Richie Clodt, who scored on a hit by Sam Chieze.

After losing Saturday night to the La Mancha Dons, the Homestead squad defeated the tourney's third place team, the Montgomery Pass Aces of Bishop, by a score of 12-8 on Sunday morning.

This cleared the way for a return match between Homestead and the La Mancha Dons at around noon on Sunday at Schoeffel Field.

Dale Evans, 1st baseman for the Homestead, got the Ridgecrest team off to a good start with a home run in the second inning to tie the score at 1-1.

The score was tied again at 5-5 in the bottom of the third as a result of 3 runs in the second and another in the third inning by the Dons, while the Homestead squad collected 4 runs on 4 hits during its turn at bat in the top half of the third.

A double by Evans with two men on base accounted for 2 of the 4 runs tallied by

were successful in clearing the ball out of their end of the field, contributed to the win. The single goal for the Lancers was tallied by Matt Mechtenberg.

The Timbers, who are gaining a reputation for having an awesome offense, pulled off another lopsided win last Saturday — shutting out the Aztecs 6-0. Matt Ziegler scored 4 goals for the victors, one on an assist by Eric Wee. The latter also chipped in with a goal, as did Jason Okamoto. The Timbers' strong offense was matched by the play on defense of Robbie Huey, Chris Wilke, Greg Wetzel and Michelle Stevens.

The scoreless tie played by the Sting and Rogues was marked by good play on offense by the Rindt brothers (Craig and Mike) of the Sting, and equally effective defense led by their teammates Mark Curran and Andy Mikelsen.

Recreation facilities to shut down tomorrow

Because of the air show and other special events related to the observance of Armed Forces Day, the indoor swimming pool at the Center gym will not be open tomorrow.

Other recreation facilities normally open on Saturdays that will be closed are the Hobby and Craft Shop, the Auto Hobby Shop, and the Camping Issue Room.

Hours of operation tomorrow at the Youth Center and skating rink will be 5:30 to 8:30 p.m., and Hall Memorial Lanes will be open from 6 p.m. until midnight.



CHAMPIONSHIP TROPHY PRESENTED — LCDR. T. L. Daniels (on right), executive officer of enlisted personnel, represents the NWC Command in presenting the slow pitch softball tourney trophy to Ken Watkins, manager of the La Mancha Landscape Dons from Palm Springs. The Dons won five out of six tournament games, including the all-important final one, 10-9, from the Homestead, a Ridgecrest team. — Photo by Ron Allen

Homestead in the third inning. Two more runs in the fifth and one more in the sixth provided the margin of victory for the Ridgecrest team. The La Mancha Dons were held to a single tally in the last four innings of play in the second of three games played between these two teams.

After a brief respite, the two teams returned to the playing field for the championship showdown.

In this contest, the La Mancha Dons scored 6 runs on 5 singles in the third inning to go with 2 tallies in the first inning as they jumped out to a 8-4 lead after three innings of play. The Palm Springs squad added 2 more tallies in the fifth inning — making the score 10-4 in favor of the La Mancha Dons.

The score remained at 10-4 with the Dons in the lead until the last half of the seventh when the Homesteaders came to life. A lead-off triple by Jesse Fortney, pinch

hitter, started things off, and Fortney then tallied on a hit by Sam Chieze.

Richie Clodt, who was later thrown out at third base, drove in Chieze with a single; Bill Sizemore singled, and Tim Cooksey was safe on an error. This set the stage for a 3-run homer by Evans that trimmed the lead of the La Mancha Dons to 10-9. The Homesteaders' comeback ended there, however, as the next batter was thrown out at first after hitting a ground ball to third base.

A team sponsor's trophy plus individual trophies to each of the players were awarded to the La Mancha Dons. Because of their outstanding play, both Dale Evans, 1st baseman for the Homestead, and Dennis Haughn, 3rd baseman for La Mancha, were selected as co-winners of the tourney's "most valuable" player awards and each received trophies for their stellar efforts.

Practice starts for BHS alumni football, basketball games

The first practice sessions were held this week by graduates of Burroughs High School who are interested in taking part in a pair of alumni basketball games to be played on Friday, May 16, and an alumni football game on Saturday, May 17.

Admission price to these alumni athletic events is \$3 per person, and all proceeds will be used by the Indian Wells Valley Century Football Association to help cover the cost of improvements at the Burroughs High School football stadium.

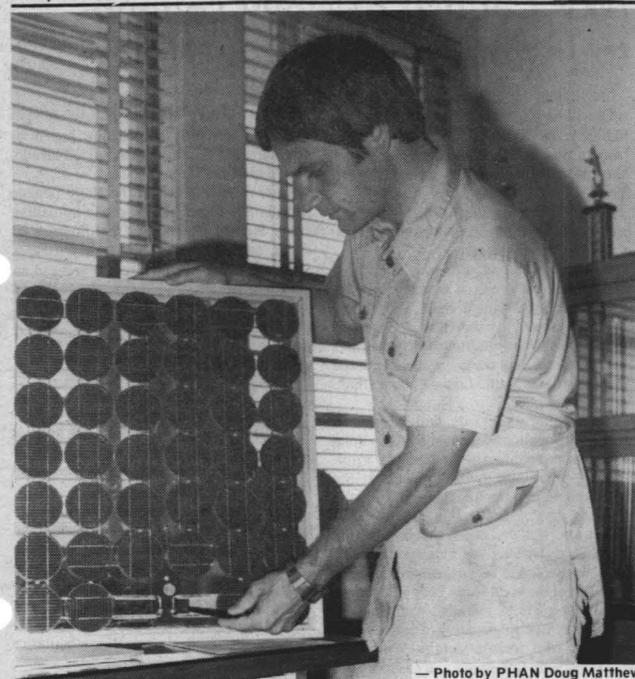
BHS alumni cagers will be divided into those who were graduated prior to and since 1974 and two games — one at 6 and the other at 8 p.m. — will be played between players who received their high school diplomas in odd- and even-numbered years.

Lending a hand coaching the four squads of ex-BHS hoopsters will be Larry Bird, varsity basketball coach; John Martin, and Scott Shacklett, who will be a player-coach of one of the teams.

Oldest player expected to be out on the court in the early game next Friday night is Roy Conway, a 1951 graduate of Burroughs.

Also part of the Burroughs High alumni sports weekend is the football game slated to start at 5 p.m. on May 17. Once again, opposing teams will be organized from the graduates of odd- and even-numbered years, and coaching duties will be shared by Gary Charlton, player-coach of the "even" team, who will joined by Gene Vejtasa and Bob Roseth, BHS football coaches; while

(Continued on Page 7)



USING THE SUN — Garyl Smith, new head of the Energy Program Office, examines the solar cells in a photovoltaic panel. Remotely sited radar installations and other equipment are now being powered by these solar cells. — Photo by PHAN Doug Matthews

Garyl Smith to head NWC Energy Program Office

Garyl Smith has been selected as the head of the NWC Energy Program Office. He has been serving as head of alternate energy programs in the office, and will continue to direct these for the time being as well as assuming his new responsibilities.

The Energy Program Office was formed in February 1979 by combining the Energy Conservation Office from the Public Works Department and the Energy Program Management Office from Ordnance Systems Department; this joined the conservation and the alternate energy research and implementation efforts. First head of the combined office was Richard Fulmer, who has now returned to the Ordnance Systems Department.

Smith began working with alternate energy shortly after coming to the Naval Weapons Center six years ago. He had worked on an NWC project while still in school at Brigham Young University, and became a Center employee on completion of his M.S. degree in mechanical engineering.

TOTAL ENERGY PLAN DEVELOPED

At that time Dr. G. W. Leonard, then head of the Propulsion Development Department (now Ordnance Systems Department), was developing a total energy community plan aimed at optimizing energy use and alternate energy systems to make the Center energy independent. Smith became involved with two of the projects developed from that plan — the low energy structures program, and the trash-to-gasoline program.

He subsequently began working with photovoltaic power systems and with the electric and hybrid vehicle program. NWC is the Navy lead laboratory for both of these programs, and Smith has been serving as manager for both programs.

Other alternate energy programs are also being studied for possible use at the Center; these include solar ponding and wind power, among others.

The Energy Program Office also manages energy conservation efforts at NWC. The success of these efforts is noted by the dramatic drop in the Center's energy

utilization during the past several years although there has been an increased level of program activities that require energy use.

Smith, who grew up in Utah, served in the security service of the Air Force in the

Centerites chosen to spearhead annual Navy Relief fund drive

Announcement of the selection of personnel from each department or attached activity on the Naval Weapons Center who will be the contacts for financial support of the Navy Relief Society's 1980 fund drive at NWC this week moved the annual call for contributions one step nearer to getting underway.

Before the next issue of The ROCKETEER is published, the Navy Relief Society (NRS) fund drive central committee, headed by LCDrs. William F. Ellis and James R. Glover, Jr., as co-chairmen, will have met with and provided information packets, receipt books, and other materials to those who will carry the NRS campaign message throughout the Command for the duration of the fund-raising effort that is scheduled to continue until Friday, June 6.

Goal of this yearly fund-raising effort is \$8,000, an amount well below the benefits received locally by Navy personnel who, in time of need, have sought assistance from the NRS during the past year.

According to the annual report of the China Lake Branch of the NRS for the period from May 1979 to May 1980, the dollar value of local assistance rendered totaled \$15,850.40 in loans for various purposes, as well as outright grants of \$658.96.

The number of cases handled by local NRS volunteers who have donated 1,110

hours of time to the naval service's own private, charitable organization was 235 during the past 12 months.

Departmental and military command key persons who will assist the NRS fund drive central committee by accepting donations from military and civilian personnel at NWC, their codes and telephone numbers, are:

Beverly Weisbrich, Code 03, NWC ext. 3973; Betty DeBold, Code 06, NWC ext. 5280; Cy Ebersberger, Code 08, NWC ext. 3245; Pat Sprankle, Code 09, NWC ext. 2676; Leonard Lesniak, Code 12, NWC ext. 3251; Ens. Sharon Beck, Code 21, NWC ext. 3451; Hugh O'Brian, Code 24, NWC ext. 2612; Lt. John Martin, Code 25, NWC ext. 5305 or 3830; and Ltjg. Patrick Nassaux, Code 26, phone 3411, ext. 243.

Others are LCDR. Jack Paschall, Code 31, NWC ext. 5226 or 5229; Bill Matlock, Code 32, NWC ext. 7200 or 7452; Betty Yingst, Code 33, NWC ext. 3261; Larry Zabel, Code 34, NWC ext. 3658; Floyd Castillo, Code 35, NWC ext. 3500; FTCS Dave Vander Houwen, Code 36, NWC ext. 3424; Dick Wisdom, Code 38, NWC ext. 3524; FTMC Skip Pinney, Code 39, NWC ext. 3308; and Ltjg. Len Dyke, Code 61, NWC ext. 5393.

Still others are: Eleanor Johnsen, Code 62, NWC ext. 6381 or 6391; Lt. John Gilbert, Code 64, NWC ext. 3626; HMI Sherwin Edwards, Code 94, NWC ext. 2911; BT2 Doroteo Narvaez, Code 93, NWC ext. 2911; Lt. Bob Boyd, Code 96, ph. 446-2586; Mary Larson, Code 97, NWC ext. 2502; YN2 Ricky Huckleberry, PSD, NWC ext. 2650; and SH1 David Swanson, Code 95, NWC ext. 3281.

Serving with LCDrs. Ellis and Glover on the NRS fund drive central committee are Lt. Bob Rochford, Lt. John Martin, Ltjg. Len Dyke, and Ens. Sharon Beck.

Armed Forces Day fete planned Saturday...

(Continued from Page 1)

show will begin.

Visitors to the show are encouraged to bring either lawn chairs or blankets to sit on during the 2-hr. long air show. (Sunglasses, hats, cameras, and binoculars are also in order.)

The air show will begin with an aerial drop by PR3 Clifford Mathews and PR2 Harvey Hartman, who will unfurl the flag and the Navy pennant while floating to earth as the national anthem plays.

Another drop by four more of the test parachutists from the Parachute Systems Department will signal that the show is under way.

Narration for all these events will be by J. D. Davis, a former member of the Blue Angels, who serves as narrator for air shows sponsored by the Department of Defense as a public service.

Among those watching as the air show proceeds will be Capt. Jackie Cooper, USNR, whom movie and TV watchers will enjoy seeing in the flesh after having watched him perform in a multitude of

screen roles.

An air raid siren will herald the beginning of a World War II mock battle between a B-25 Mitchell bomber and a Japanese Zero. This will be followed by another World War II type aircraft, as civilian pilot Robert E. Guilford puts his Vought F-4U Corsair through its paces.

An F-14 Tomcat will show what a modern aircraft can do. An in-flight "emergency" will then develop, leading to an ejection seat with rider (an anthropomorphic dummy) being ejected from a YF-4, and the passenger being scooped from the ground by a SAR helicopter.

Three B-25 bombers will lead the firepower demonstration with an aerial drop, to be followed by demonstrations of Mk 82 and Mk 83 bomb drops, firings of 2.75-in. and Zuni rockets, and strafing runs with 20 mm. cannon, all from A-6, A-7, and A-4 aircraft.

The Armed Forces Day air show will then be climaxed by the thrilling performance of the Navy's Blue Angels precision flight

demonstration team. This hour-long show of teamwork starts with the crisp final pre-flight checks and take-off procedures, and proceeds into a dazzling aerial ballet of maneuvers by the six aircraft.

Hundreds of hours of practice by the team members, who are all highly skilled Navy and Marine Corps aviators when selected to become Blue Angels, ensure that formation and solo maneuvers are carried on safely even though the aircraft may have complete wing overlap.

At the conclusion of the flight demonstration, the Blues will circulate in the crowd of watchers to autograph programs and to answer questions.

The Blues will signal the end of the Armed Forces Day celebration as they form in the sky at 6 p.m.; Centerites looking westward then will get a final glimpse of their aerial precision as they head across the Sierra toward their next stop at the Lemoore Naval Air Station.

Aerial sightseeing flights slated on Armed Forces Day

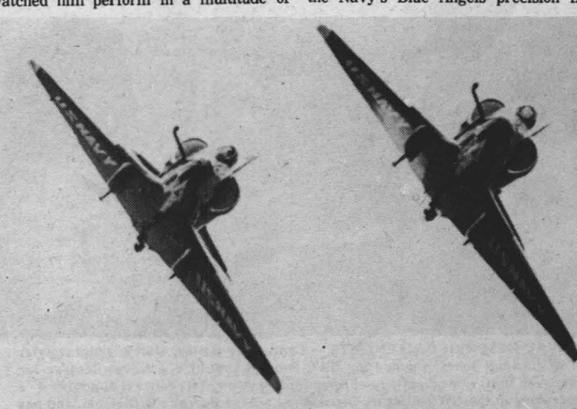
One hundred lucky visitors to the Armed Forces Day celebration will have an opportunity to get a 15-20 minute aerial view of the Indian Wells Valley, thanks to the China Lake Navy Flying Club.

Starting at 9:30 tomorrow morning, three of the flying club's aircraft — a Cessna 172, a Grumman AA-5, and a Cessna 177 / RD — will carry passengers for sightseeing tours over the local area.

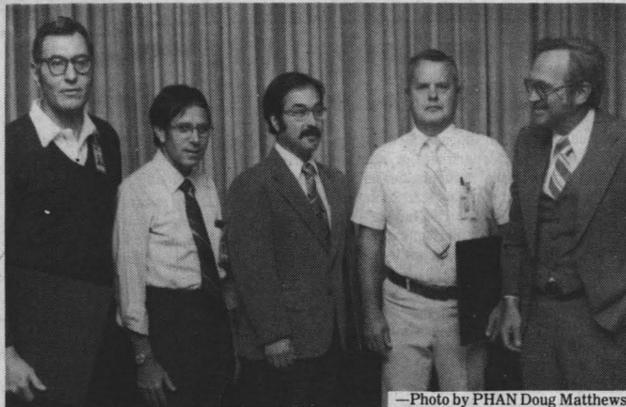
Each of the four-plane craft will be piloted by a flier with a commercial rating; three paying passengers will be taken per flight.

The cost of each flight will depend on which aircraft is used; cost will be minimal, and will just cover the actual cost of the flights to the China Lake Navy Flying Club.

The aircraft will load and take off from the flight line south of the area where the Blue Angels will be parked. The final flights will be made shortly after noon so that they will not interfere with the air show events.



DUET — The two solo pilots for the Blues this year are Lt. Jim Ross, flying lead solo in Plane No. 5, and LCDR. Jack Ekl, flying opposing solo in Plane no. 6.



—Photo by PHAN Doug Matthews

CONGRATULATIONS EXTENDED — Bob Hillyer (at right), NWC Technical Director, offers his congratulations and presents Certificates of Accomplishment to four Centerites who have completed NWC's Special Curriculum in Technical Management. The latest "graduates" of this curriculum are (l.-r.) Joe Oliver, James O. Smith, Dr. Bernard Wasserman, and Richard Pogge.

Technical management training completed by four Centerites

Certificates of Accomplishment denoting completion of the Naval Weapons Center's Special Curriculum in Technical Management were presented during last week's Commander's meeting, held in the Management Center of Michelson Laboratory.

The first "graduates" of this special course (a total of six) were singled out for recognition this past January. The latest four are Joe Oliver, Richard Pogge, James O. Smith, and Dr. Bernard Wasserman.

Oliver, a supervisory general engineer, is head of the Systems Safety Branch in the Engineering Department's Product Assurance Division. An employee at NWC for the past 10 years, he is involved in supporting most of the Center's major missile programs (HARM, Harpoon, Sidewinder, and Sparrow) from a systems safety standpoint.

Pogge, who has been employed at NWC for 12 years, is acting head of the Ground Operations Branch in the Range Department's Range Operations Division. He is an electrical engineer.

Smith is a chemical engineer assigned to the Applied Technology Branch of the Ordnance Systems Department's Propulsion Systems Division. A Center employee since 1956, he is involved in solid propulsion technology for gas generators.

Dr. Wasserman, who has a Ph.D. in chemistry, is a technical manager in the Sidewinder Program Office of the NWC Engineering Department, where he is the AIM-9M production manager.

The Certificates of Accomplishment were presented by Bob Hillyer, NWC Technical Director, who reported briefly on the purpose of the program and congratulated those who completed it.

Hillyer noted that the need for capable managers in systems acquisition programs has been recognized by NWC since its inception by offering training opportunities to qualified personnel.

This training was not focused specifically on the problems and practices encountered in the NWC/Navy environment, however. In an effort to remedy this situation, a structured program now called the Special Curriculum in Technical Management was announced in May 1977, and the first "class" of 20 participants nominated by their departments.

The major thrust of this curriculum emphasizes Navy and NWC management policies and practices in general, and their application to the management of systems acquisition programs at NWC in particular.

The recent completion by these four employees of the Special Curriculum in Technical Management represents a high degree of commitment on the part of both Center management and those chosen to participate in the program. Hillyer pointed out to those present during last week's

Commander's meeting that two or three hours of study and work outside the classroom is required for each of the 310 hours of classroom instruction and training that is offered.

In addition to the four "graduates" who received Certificates of Accomplishment this week, there are 47 other Center employees who are now taking part in this program, which requires approximately 2½ years to complete.

In view of the additional openings created this year by those who have finished the course, a call for nominations for the fall class of 1980 has been sent out this week to department offices and 13 more candidates will be selected by the Technical Planning Board.

Information about such nominees must be received by May 30 at the Training Center, where interested persons may pick up a brochure describing the program.

All classes included in the Special Curriculum in Technical Management are offered at NWC. Two of them are provided by the Naval Postgraduate School, and several are designed by NWC instructors and deal with materials that pertain specifically to the way that the Center does business. In addition, private contractors are used for a few of the courses that are offered.

For further details about this curriculum, those interested can request a copy of the NWC publication entitled "A Certificate Course for Potential Program Managers" by contacting Vicki Munro, Code 094, phone NWC ext. 2359.



NAVAL RESERVIST RE-ENLISTS — Capt. Gary Bailey, USNR, congratulates YN3 Johanna Jones, yeoman for NWC Support Unit 0176, a Naval Reserve Air Systems Unit, who recently re-enlisted for two years. YN3 Jones is employed as a secretary in the NWC Aircraft Department's Base Operations Division, and has been a member of this local Naval Reserve unit since August 1977. Capt. Bailey is the Naval Weapons Center's Naval Reserve liaison officer.

IWV Council of Navy League to install officers May 15

Installation of officers for the coming year will highlight a dinner meeting of the Indian Wells Valley Council of the Navy League that will be held next Thursday, May 15, at the Commissioned Officers' Mess.

A social hour starting at 6:30 p.m. will precede dinner that will feature roast beef as the main entree.

Duties of installing officer will be handled by Harry Parode, a former Navy officer, NWC department head and Public Affairs Officer at the Naval Weapons Center, who is now employed by Computer Sciences Corp., and the guest speaker of the evening will be Capt. Louis Aldana, NWC Vice Commander.

The evening's program will be opened with an invocation delivered by Cdr. John Allen, senior chaplain at the NWC All Faith Chapel, who also will pronounce the benediction at the conclusion of the program.

Tom Andress, Jr., office manager of the China Lake District for Hughes Aircraft, has been elected to serve a second term as president of the local Navy League Council. Other officers to be installed with Andress are Vivian Boultinghouse, executive vice-president (3rd term); George Myer, 2nd vice president; Bob Brinton, treasurer; Dr. Cloyce Odom, secretary; Robert Norman, judge advocate; and David Teasdale, Jr.,

In appreciation . . .

(Continued from Page 1)

tomorrow afternoon's Armed Forces Day air show at Armitage Airfield.

Others who will add their thoughts on the significance of this special occasion are a representative of State Assemblyman Phil Wyman, Kern County Supervisor Gene Tackett, officials of the City of Ridgecrest, spokesmen for the Ridgecrest Community Hospital and the Maturango Museum, and Don Padgett, president of Ridgecrest Chamber of Commerce.

The list of speakers at this patriotic program will include Congressman William Thomas, who is expected to read a portion of remarks that he entered recently into the Congressional Record regarding the special relationship that exists between NWC and Ridgecrest.

Military personnel at the Naval Weapons Center and their wives or dates are guests and will be admitted free of charge. A donation of \$5 each is asked of all others. Tickets can be obtained from the NWC Program Coordinator's Office in the lobby of Michelson Laboratory, at Hucek's Travel Service in Ridgecrest, or at the Ridgecrest Chamber of Commerce office.

The price of admission covers the cost of refreshments, hors d'oeuvres, and an evening of dancing.

historian.

Navy Leaguers who will join the above-listed officers on the group's board of directors are Loren Kinne, Al Alvarado, John DiPol and Les Cooper.

Reservations to attend the Navy League installation dinner can be made by calling Irene Rainey at 377-4276, or Address at either 446-5914 or 446-5763. Dinner tickets priced at \$9 per person must be ordered no later than Monday. Send checks payable to Navy League to P.O. Box 1297, Ridgecrest, Calif. 93555.

Jud Smith . . .

(Continued from Page 1)

Among Smith's major contributions during the nearly 30 years he has been at China Lake is his part in the development of U.S. countermeasures against lethal threat defense suppression systems.

A veteran of more than three years' service in the Army Air Corps during and for a short time after World War II, Smith returned to civilian life as a student at the University of Washington in Seattle, where he was graduated with top honors (Magna Cum Laude, Phi Beta Kappa and Sigma Xi) in 1950 with a B.S. degree in mathematics and physics.

During five years with the Ballistics Division of the Research Department — first as a mathematician and later as a physicist — Smith received a well-rounded introduction to the ballistics of rockets and participated in numerous analyses and flight tests of a variety of tactical weapons, including the 2.75-in. folding fin aircraft rocket, the 5-in. Zuni rocket, and the rocket assisted torpedo.

In 1958, the Aeromechanics Division of the old Weapons Development Department (Code 40) was formed from the Ballistics Division of the Research Department, and Smith's horizons were expanded to include a broader range of weapons systems.

He remained with Code 40 from 1958 to 1970 during which time his increasing areas of responsibility encompassed the duties of head of a special projects group that directed systems analysis efforts on the Shrike missile and, later, as a branch head, included not only the anti-radiation missile aspects but also the dynamics and ballistics of many NOTS weapon programs.

Transferred in 1970 to the newly formed Electronic Systems Department (now Electronic Warfare Department), Smith continued to oversee and direct systems analyses on anti-radiation missiles and became (in 1972) a division head responsible for a group of about 40 employees who were involved in most of the analysis, effectiveness studies, simulations, reliability, quality assurance, maintainability, and procurement for what is now the Electronic Warfare Department. Smith's expanded role in electronic warfare and defense suppression earned him a national reputation in these fields.

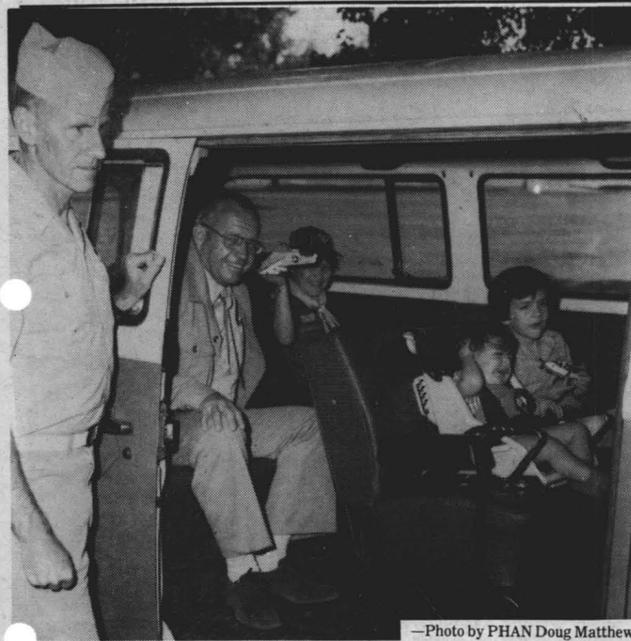
Free immunizations offered to children by Health Department

Another opportunity will be provided for infants and children (from 2 months through 17 years of age) who are not yet fully protected against common childhood diseases to obtain shots free of charge at a Kern County Health Department immunization clinic.

The next such public clinic to be held in the local area has been scheduled on Monday from 9 a.m. to 3 p.m. in the Health Department office located at 250 W. Ridgecrest Blvd., Ridgecrest.

No appointments are necessary, but parents or legal guardians must accompany children to the clinic and sign consent forms.

The shots that will be administered offer protection against polio, measles, mumps, diphtheria, tetanus, and whooping cough.



—Photo by PHAN Doug Matthews

BUCKLE UP FOR SAFETY — Capt. William B. Haff, NWC Commander, and Harold Hockett, Mayor of Ridgecrest (seated in rear of van) urge all local residents to heed the advice to "buckle up for safety" while riding or driving a motor vehicle. Setting good examples by doing just that are Cub Scout Josh Young (seated next to Mayor Hockett) and Kevin and Michael Keller. The latter, age 15 months, is buckled into a car seat made especially to protect small children.

Buckle up for safety, car drivers, riders urged

A combined, concerted effort to alert local residents to the need for using seat belts and providing safety seats for tiny tots has been launched by the Naval Weapons Center and the City of Ridgecrest with the encouragement of Capt. William B. Haff, NWC Commander, and Harold Hockett, Mayor of Ridgecrest.

Studies have shown that vehicles are the No. 1 killer of children who are born healthy and whole. In addition, vehicle accidents remain the predominant cause of death (over all other types of accidents and diseases) until a person reaches the age of 37.

Statistics reveal that 5,296 persons of all ages died as a result of vehicle accidents in California during 1978. Of this total, more than 2,000 persons were between 1 and 24 years of age. Non-fatal injuries in auto accidents also are reported to be a major

cause of paraplegia and epilepsy.

One area of growing concern for everyone who is interested in traffic safety is passenger restraint. The Automobile Club of Southern California cautions that "passenger restraint" does not simply mean buckling up the driver and other adult riders. It means providing a safety belt, a safety harness, or a safety seat for children, too.

The latter is very important since studies have shown that in a collision an unbuckled child will become an uncontrolled projectile inside the car and will be thrown against seats, windows or other passengers. The result can be serious injuries and even death.

Even a tiny, 10 lb. infant will be thrown forward with the force of 300 lb. in a vehicle crash at 30 mph. That's like falling from a three-story building.

In the event of a vehicle accident, a small child being held in its mother's arms is in serious danger of being badly injured. If the mother is held in by a seat belt and is attempting to hold a 20 lb. child in a crash at 25 mph, that 20 lb. child will exert a force of 500 lb. at the time of impact, and not many



CONCERNED PARENT — Debby Keller, a concerned parent who believes in using seat belts to lessen the severity of injuries in the event of an auto accident, buckles in her son, Kevin, before starting out on a trip in the family van.

Clinics planned next week for anti-rabies shots, dog licensing

Clinics at which anti-rabies inoculations will be administered and dog licenses sold have been scheduled in the local area on Friday and Saturday, May 16 and 17, by the Kern County Health Department.

At each such clinic, dog owners can obtain for their pets low-cost rabies vaccinations and either county or city dog licenses. Both vaccinating and licensing are required by law for dogs over four months of age. The dates, times and places for the clinics are as follows:

Friday, May 16 — 10 to 11 a.m. at the Kern County fire station in Randsburg; and 1 to 5 p.m. at the Girl Scout Hut at China Lake. Saturday, May 17 — 8 to 11 a.m. at the Kern County fire station in Inyokern; and 1 to 6 p.m. at the old Ridgecrest Park community building on S. Warner St.

At these clinics, which are co-sponsored by the Kern County Health Department and the Veterinary Medical Association, there is a \$2 charge per pet for anti-rabies shots and the county's yearly dog license fee is \$1 for spayed or neutered animals and \$10 for all others. City of Ridgecrest license fees are \$1 for altered dogs and \$4 each for others.

The discount is intended to encourage spaying and neutering as a means of reducing pet over-population and animal control problems.

Dog owners wishing to take advantage of the discounted license fee for spayed or neutered animals must bring a certificate

or note from a veterinarian showing proof that the necessary operation has been performed on their pet.

To avoid problems, all dogs brought to the clinic must be on a leash. Simple rope or belt leashes are sufficient.

Licensing is an essential part of the city and county animal control program. Licenses insure that dogs are vaccinated to protect them against rabies and that each dog is individually identifiable.

Identification of dogs enables animal control officers to return lost animals to their owners, to speed up the investigation of dog bite incidents, and to more easily enforce leash laws. In the long run, this saves both dog owners and taxpayers money.

Happenings around NWC

A weekend workshop entitled "Beginning Again After Divorce" will be offered by Desert Counseling Clinic starting Friday, May 16, from 7 to 10 p.m. Other sessions of the workshop will be held during the day on Saturday, May 17, and Sunday, May 18 as well as on Friday evening, May 23.

The workshop is designed for those contemplating divorce, involved in the divorce process, or already divorced. Workshop leaders are Dr. Rita McCullough, a licensed psychologist at the Desert Counseling Clinic, and Dr. Suzanne Hard, executive director of Sunshine House.

Cost of the workshop is \$35; registration must be received by May 14 at the Desert Counseling Clinic, 814 N. Norma St., in Ridgecrest. Anyone seeking further information may telephone the clinic at 375-9781, or Carol Corlett or Terry Mitchell at NWC ext. 2574.

TWO MORE PERFORMANCES

The China Lake Players will present two more performances of Jean Kerr's light comedy, "Mary, Mary" tonight and tomorrow night at 8:15. Because seating in the Players' Hut, 405 McIntire St., is limited, advance reservations are necessary and may be made by telephoning 446-3649.

Tickets for the production are \$3 for adults and \$1.50 for students, senior citizens, and enlisted military personnel.

"Mary, Mary" concerns two people who are divorced from each other, but are considering remarriage.

Starring as Mary is Sandee Schwarzbach. Also in the cast are Joseph Mallory as Bob, Bill Altieri as Dirk, Jim Goss as Oscar, and Tamy Burns as Tiffany.

WACOM LUNCHEON SET

A program about clothing fashions of yesteryear will be presented at a luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess that is to be held on Tuesday at the COM.

Guest speaker will be Mrs. Delores Heller, a representative of the Kern County Museum Alliance, an organization whose members help to preserve Pioneer Village in Bakersfield.

On the menu for the luncheon, which will be served starting at 11:45 a.m., will be fruit salad, nut bread and lemon-glazed cheese cake. The cost is \$3.75 per person.

Nursery School to offer summer program

Youngsters between the ages of 2½ and 10 can have an adventurous and interesting summer at the China Lake Nursery School, starting on Monday, June 9, and lasting until Aug. 15.

Registration is now open for either all day or part day sessions for the summer. Children who stay for the full day receive a nutritious, hot lunch to help carry them through the afternoon activities; for school

age children, many of the activities will be coordinated with NWC Special Services to provide sports and hobby experiences.

Registration at the China Lake Nursery School is not limited to children of NWC or military personnel; any children in the community are welcome.

Those seeking further information may telephone Barbara Wicker, director of the nursery school, at 446-3066.