Final performances of 'Annie Get Your Gun' scheduled

"Annie Get Your Gun," Irving Berlin's smash musical hit will be presented again tonight and tomorrow night, by the Burroughs Drama Club in the BHS lecture center. Curtain time is 8:15 both evenings. Last week's audiences were enthusiastic

with their applause for the talented performances by the "Kubik Kids." Lisa White has the leading role of Annie

Oakley, who learns at the end of the show that she can't get her man with a gun, while Mitch Lyon is seen as Frank Butler, the man Annie is interested in getting.

In between opening and closing curtain are some of Berlin's famous musical hits including "Got the Sun in the Morning," "They Say That Falling in Love Is Wonderful," and the now traditional "There's No Business Like Show Business.'

Other Members of Cast

Other members of the cast are Bob Gilmer, as Charlie Davenport; Kelly Smith, as Dolly Tate: Reno Venturi, as Mac; Chris Ayers, as Foster Wilson; Brian Donovan, as Little Jake; Stephanie Halen, as Nellie; Rhonda Baker, as Jessie; Karen Karner, as Minnie: Russ Stedman, as Buffalo Bill; Dennis Woolam as Pawnee Bill, and Bob Schwarzbach, as Chief Sitting Bull.

Alan Kubik is the production director, assisted by Martin Dorrell as student director. The choreographer is Chris Davis and Duane Green is the technical directorstage manager.

Tickets that are purchased in advance from members of the cast are priced at \$1.75 for adults, or \$1.50 for enlisted military personnel, students and children. At the box office prior to each of the remaining two performances, the admission price will be increased to \$2 and \$1.75, respectively.

IWV Youth Council Arts, Crafts Fair set May 22 at college

The second annual Indian Wells Valley held "on the green" at Cerro Coso College on Saturday, May 22, from 10 a.m. to 6 p.m.

The fair will feature continuous entertainment, including music by the Mojave Greens Bluegrass Band, dancing, poetry reading and a reader's theater based on Marlo Thomas' "Free To Be You and Me" that is to be presented by Florence Green, a drama instructor at the college.

In addition, there will be demonstrations of art welding, tie dye/batik and clay composition by Antonin Dvorak that was firing. Refreshments and child care facilities will be available for visitors.

idents a fine picnic opportunity. Most of and enlisted military personnel, who will be meeting at their home. the advance preparations are being made by local junior high and high school students, with the assistance of the college.

Amateur artisans who wish to display their works will be charged \$1 and professionals, \$5. In addition, amateurs must agree to assign 8 percent of their profits to the Youth Council while professionals will be charged 10 percent.

All profits made by the council will go into a bike path fund for Ridgecrest. The Ridgecrest City Council has agreed to match funds from the fair's earnings up to an amount of \$1,000.

Local artisans interested in setting up displays should contact one of the following persons: Gratia Boehme, phone 375-9561; Leo Girardot, 375-5001, or Dee Dee Huddleston, 375-2710. Early registrations are requested; display fees must be paid no later than next Friday morning, May 21.

CPO Club slates dance

Ron Thompson and the Big Mac, a contemporary music group from the local area, will perform at the CPO Club dance tonight from 9 until 1 a.m.

The dinner special for the evening will be prime rib, served from 6 until 9 o'clock.



TO PLAY HERE SUNDAY - The Orpheus Chamber Orchestra, recognized as one of America's foremost chamber ensembles, will present the concluding program of the 1975-76 concert season on Sunday afternoon at the Center theater. A portion of the 24-member group, which rehearses and performs without a director, is

IWV Concert Association's final program of season set Sunday

The final program of the Indian Wells admitted for \$3 each. Valley Concert Association's 1975-76 season will be presented on Sunday, starting at 4 p.m, in the Center theater.

Featured will be the Orpheus Chamber Orchestra, whose members have distinguished themselves as winners of national and international competitions, as Curtain to go up members of major American orchestras, and as participants in many American and European festivals.

All of the instrumentalists have been picked for their extensive chamber music and solo experience, musical compatibility and flexible personalities. Some come from as far away as Japan, Hong Kong, and Puerto Rico, and several are from the West

Perform Without Director

Another distinctive feature about this group, which is recognized as one of America's foremost chamber ensembles, is Youth Council Arts and Crafts Fair will be that its 24 members rehearse and perform without a director.

During the concert here on Sunday afternoon, the Orpheus Chamber Orchestra will play three selections. They are:

"Overture for String in C Minor," written in 1811 by Franz Schubert, who was then 14 years of age; "Divertimento for Oboe, Two Horns and Strings, K. 251, composed by Wolfgang Mozart in July 1776; and "Serenade for Strings in E Major, Op. 22," a written during just 12 days in May 1875.

Single admission tickets for Sunday's Organizers say the purpose of the fair is to concert program are priced at \$6 for allow local artisans to display and sell their everyone except youths under 21 years of wares and give Indian Wells Valley res- age, senor citizens 65 years of age and over, Austerman) is having a women's lib

Tickets can be ordered in advance at any time by calling 375-5600, or purchased at the theater box office today and tomorrow between the hours of 4:30 and 6 p.m., and on Sunday from 2 to 4 p.m.

tonight on '6 Rms Riv Vu,' adult comedy

The curtain will go up tonight at 8:15 on "6 Rms Riv Vu," the China Lake Players' next production, which will be presented at the local drama group's hut on McIntire St. Repeat performances, all starting at the

same time and place, are scheduled tomorrow evening as well as on Thursday, Friday and Saturday, May 20 through 21. Tickets, which can be reserved by calling Lois Bennison at 446-6364 or Jan Austerman at 446-6714, are priced at \$2.50 for adults and

through 21 years of age. **Adult Comedy**

\$1.50 for military personnel and students up

An adult comedy that deals with fate, romance and marriage, the China Lake Players' version of "6 Rms Riv Vu" is directed by Robbie Robbins. In the play, Sandee Schwarzbach, as Anne Miller, is married to Bill Bennison (Richard Miller), but finds herself locked in the same apartment with another married man, Paul Friedman, who is portraved by Frank Gray. Paul is looking at the apartment alone because his wife Janet (Jan



WACOM DANCE SLATED - Connee Baker (at left) and Lorna Moore are shown hard at work making posters and getting out advertisements for the annual spring dinner-dance to be held by the Women's Auxiliary of the Commissioned Officers' Mess. The dance will take place tomorrow night in the Mojave Rm. of the COM. A social hour will begin at 6:30 p.m. and dinner will be held from 7:30 until 9. Dancing to the music of the Burroughs High School Stage Band will last until 2 a.m.

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their

> (G) - ALL AGES ADMITTED General Audiences (PG) - ALL AGES ADMITTED

Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying

Parent or Adult Guardian CS - Cinemascope

STD - Standard Movie Screen Regular starting time-7:30 p.m.

Program subject to change without notice please check marquee

"THE FAMILY" (96 Min.)

Charles Bronson, Telly Savalas (Action Drama) Charles Bronson is a professional killer. His victims had always been impersonal targets, but on his last assignment he had looked directly into the eyes of his victim before pulling the trigger. (R)

"AT LONG LAST LOVE" (105 Min.) Burt Reynolds, Cybill Shepherd (Comedy-Musical) 1930s style musical spoof with 16 Cole Porter songs. The story centers about

interspersed with songs and dances of the '30s

four characters on a mad-cap romantic spree,

IWV Concert Association presents ORPHEUS CHAMBER ORCHESTRA

"FROM THE MIXED UP FILES OF MRS. BASIL E. FRANKWEILER" (106 Min.) Ingrid Bergman, Sally Prager

(Comedy) Ingrid Bergman plays a mysterious recluse who once owned a statue in the Metropolitan Museum of Art in New York with which two youngsters have fallen in love. The kids are runaways from home who set up housekeeping in the museum for a week. (G)

THE RETURN OF THE PINK PANTHER"

(113 Min.) Peter Sellers, Christopher Plummer (Comedy) In this sequel to earlier "Panther" films, Inspector Clousteau again pursues a thief known as "The Phantom," who is suspected of stealing the fabulous pink diamond. (G)

"BRANNIGAN" (11 Min.)

John Wayne, Judy Geeson (Suspense Action) A Chicago police lieutenant is sent to London to recapture a grand juryindicted mobster who managed to leave the country while out on bail. (PG)

"SLAUGHTER" (92 Min.) Jim Brown, Stella Stevens (Action Drama) After a bomb kills his parents, an ex-Green Beret captain learns it was the work of the "Syndicate" and joins with the U. S. Treasury in breaking up the organization. (R)

"BIG BAD MAMA" (37 Min.)

Angie Dickinson, Tom Skerritt (Crime Melodrama) Angie Dickinson's Uncle Barney was killed by federal agents. She and her two daughters try to carry on his bootlegging trade and pull off other capers, including the robbery of an oilfield payroll. In the final bloody shootout, Mama is killed. (R)

Armed Forces Week program set at COM

The Commissioned Officers' Mess will present an Armed Forces Week program tonight featuring a barbecue beef dinner for

Carl Clark and the Country Sessions, a country and western group from Chowchilla, will perform for the listening and dancing pleasure of patrons, while as a special attraction, Bobby Monahan, a wellknown comic from Los Angeles, will provide the floorshow entertainment.

Dinner will be served from 6 to 10, the band will come on at 9, and Monahan will make his appearance at 10.

U.S. Government Printing Office:

From:	PLACE STAMP HERE
To:	



INSIDE . . .

W: 1 1 D!-1 01-1-1		
Fund Drive in Full Swing		
Scout-o-Rama Set Saturday		
Folk Dance Fete Planned		
Sports		
	Fund Drive in Full Swing	Kindergarten Registration Slated Fund Drive in Full Swing Scout-o-Rama Set Saturday Folk Dance Fete Planned Sports Final Concert of Season

Test shows fiber optic components function well in operational aircraft environment

Visitors from industry, **Armed Forces witness** demonstration at NWC

A successful bombing and rocket firing demonstration, which was the culmination of an extensive effort to prove that fiber optics will function in an operational aircraft environment was carried out May 6 at the Naval Weapons Center before an audience of distinguished visitors from industry and the Armed Forces.

The fiber optic bundles replace wires as a means of transmitting signals between various components of the aircraft's navigation and weapons delivery system.

The Airborne Light Optical Fiber Technology (ALOFT) Program was assigned to the Naval Electronics Laboratory Center (NELC) in San Diego, and has been supported since August 1974 by the A7 Program Office of the NWC Systems Development Department.

Everything Worked Beautifully

Everything worked beautifully, in what was called by Robert Freedman, head of Code 40408, a "proof of the pudding" type of demonstration, as an A7 Corsair piloted by Lt. Duane Duncan dropped bombs and fired 2.75 in. rockets. Woodie Chartier, the A7 Flight Test Engineer, described the aircraft performance capabilities and the ALOFT flight test operation for the benefit of visitors assembled for the demonstration.

Those invited to witness the test were welcomed by Capt. W. B. Haff, NWC Technical Officer, and by Freedman.

Other participants in the presentations that preceded the demonstration were F. J. Lueking, the Naval Air Systems Command's ALOFT Program Manager; R. D. Harder, the ALOFT Project Manager from NELC, who provided an update on the status of the program; and R. R. Bruck- at the VC laboratory in Dallas, Tex.



from industry and the Armed Forces was on hand May 6 to witness a successful bombing and rocket firing demonstration by an A7 Corsair. Modifications had been made to the aircraft's on-board computer—converting from wires to fibre optics inside the computer-in an effort to prove that fiber optics will function in an -Photos by Ron Allen operational aircraft.

man, the Systems Engineer for the A7 Office at China Lake.

According to Freedman, IBM developed the fiber optic system components and modified the A7 aircraft's on-board com- NWC configured the test aircraft with the puter making the conversion from wires to fiber optics inside the computer. Subsequently, employees of Vought Corporation (VC) checked out the system and designed the aircraft installation.

The system also was subjected to ex-

Employees of NWC's A7 Program Office

at NWC were technical advisors to NELC on the modifications to the airborne computer and the aircraft installation design. Also, fiber optic bundles that were substituted for aircraft wiring. A flight test, designed to exercise all of the navigation and weapons modes of the A7 attack aircraft, is presently in progress.

The A7 Integration Lab, which includes a tensive vibration and environmental testing mockup of the aircraft that can simulate

Naval Weapons Center.

Medal of Honor winner visits Center

highest award for defending its freedom visited the Naval Weapons Center Tuesday World War II. with a new mission: to preserve America's

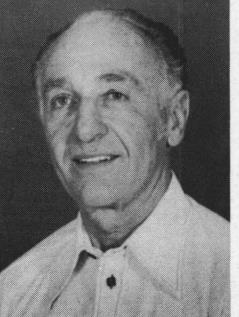
Retired Marine Col. Mitchell Paige, president of the Northern California chapter of the First Marine Division Association and a recipient of the Congressional Medal of Honor for heroic action on the Island of Guadalcanal in 1942, led a delegation of association members on a visit to China Lake to make arrangements for the transfer of a B-29 Superfortress to their military museum in Arroyo Grande, located on the coast about 15 miles south of San Luis Obispo. Brought Here in 1950s

The aircraft is one of a number of the famous World War II-vintage bombers that have reposed in the desert area of NWC for over 20 years - ever since they were flown here in the 1950s by the Air Force for ordnance testing purposes. It will soon be disassembled and hauled to the museum, where it is expected to be on display within six months.

With Col. Paige were Jim Forni, of Alameda, deputy vice-president of the National Association of the First Marine Division; Dick Rowland, of Saugus, president of the Bodfish chapter; and Jim Loomis, curator of the museum, which is

A man who has received his nation's located on his 6,000 acre ranch. Loomis and The purpose of the 6,000 member First

Proving Ground, Md.



Col. Mitchell Paige, USMC (Ret.)

Rowland served with Col. Paige during Marine Division Association, according to Col. Paige, is "to maintain the comradeship While at NWC, the four men attended a that we established in what we say is uncheon with Gen. Lewis W. Walt. USMC America's most famous and decorated (Ret.), who was here to receive briefings as fighting division." The purpose of his visit a consultant for the U.S. Army Material to NWC was to "preserve our American Systems Analysis Activity, Aberdeen heritage. So much of it is fading away, being ignored or discarded."

Record Well Known

The 1st Division, famous for its operations on Guadalcanal in the Solomon Islands, New Britain, Peleliu, Okinawa, Korea and Vietnam, is composed of veterans of the division from World War II days to the present time. The colonel, who devotes most of his time now to the association's affairs, has been master of ceremonies for its annual reunion for the last nine years.

Col. Paige enlisted in the Marine Corps in 1936 and performed guard duty at Cavite in the Philippines and in Peking, China, and underwent training in the Caribbean area before the war broke out. He saw his first action at Guadalcanal, one of the bloodiest battles of the Pacific Theater, and it was here that he so distinguished himself.

According to the citation which accompanied the Medal of Honor and was signed by then President Franklin D. Roosevelt, " . . . When the enemy broke

(Continued on Page 4)



FOCUS OF ATTENTION - This A7 Corsair, piloted by Lt. Duane Duncan, was the focus of attention during a successful ALOFT Program demon-

Bill introduced to amend rules on housing sale

release was received from the office of Congressman William M. Ketchum.)

WASHINGTON, D.C. . . . Congressman Bill Ketchum has introduced legislation to permit individuals now occupying government housing units which are declared surplus to have first purchase option of their rental units. Ketchum's bill amends the Property and Administrative Services Act

"Current procedures do not permit sale of property valued at over \$1,000 to private parties," Ketchum stated. He added that this "unfair kink in the regulations" was brought to his attention by China Lake

"The China Lake Community Council came up with what I thought to be an extremely equitable manner for disposing of excess housing units at the Weapons Center," he said. "Allowing present tenants of the housing units to have priority on the sale of their own residences makes perfect sense, and I recommend this procedure to Government Services Administration

comply; current procedures demand that surplus housing be disposed of by negotiated sale to a public body. If there is no public body interest, the property may be (Continued on Page 3)

Watch for detour in vicinity of construction site

A detour will be set up Monday, between the hours of 6:30 a.m. and 7 p.m., on Blandy Ave., just east of Lauritsen Rd.

During this time, traffic along this section of Blandy Ave. will be routed through the Schoeffel Field parking lot. Motorists are asked to be on the lookout for the detour signs and barricades.

This change in the regular traffic pattern is necessary in order to permit the installation of underground steam lines that will run from the new dispensary which is now under construction to steam manholes located opposite the construction site.



ALMOST READY - A B-29 Superfortess bomber, which has rested in the desert area of the Naval Weapons Center for 20 years, is scheduled to be flown tomorrow from the Naval Air Facility to the museum of Yesterday's Air Force in Barstow. The museum cooperated in scheduling the flight to coincide with the end of Armed Forces Week. Costs of restoring the World War II-vintage aircraft, whose engines were successfully started up on May 4 (as shown above) are being borne by Yesterday's Air Force. Although a number of Superfortresses were flown to China Lake by the Air Force in the 1950s, this will be only the second and probably the last one to fly out due to the extensive cannibalization of parts that has taken place among the fleet of grounded aircraft over the decades. The B-29s were originally used here for ordnance testing purposes.

Schedule set for registering pupils in kindergarten classes

sters who will be entering kindergarten classes next September was announced this week by the Sierra Sands Unified School District.

Registration of kindergarteners who live on the Naval Weapons Center, including Desert Park and the Sandalwood homes tract, will be held at Murray School on Tuesday and Wednesday, May 18 and 19, between 9 a.m. and 3 p.m.

Sign-ups for other kindergartners will be

Ridgecrest children will be enrolled at Las Flores School on Tuesday through Friday, May 11-14, between 9 a.m. and 3

Children living in the Inyokern area are scheduled to register in Rm. 101 at the Inyokern School on Thursday, May 20, between 9 a.m. and 3 p.m.

Kindergarten registration for youngsters living in the Rand area will be held at the Rand School office on Friday, May 21, between 10 a.m. and 1 p.m.

Choice of Registration Sites Parents who live in either the Rand district or in the Inyokern area, but work in the China Lake-Ridgecrest area, may register their children at the location most convenient to them. It is not necessary for the children to be present at the time of

registration.

Children must be five years of age on or before Dec. 2, 1976, to be eligible for attendance in kindergarten for the 1976-77 school year. Proof of age must be presented at the time of registration. This can be provided in the form of a birth certificate, a the parent, guardian, or custodian of the

California State laws require that evidence of polio, measles (rubeola), and

The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake, California

RAdm. Rowland G. Freeman III

NWC Commander

Technical Director

Dr. G. L. Hollingsworth

C. E. Van Hagan

Technical Information Department

Don R. Yockey

James J. Stansell

Associate Editor

Terri Jacks

Editorial Assistant

Ron Allen

Staff Photographer

The schedule for registration of young- DPT (diphtheria, whooping cough, and tetanus) immunizations, or a written statement by parent or guardian requesting exemption for reasons of personal belief or medical necessity, be presented at the time

> Parents also are asked to bring information regarding the child's other immunizations, childhood illnesses, and

Radio repeater at Laurel Mt. assists amateur operators

As an assist to ham radio operators in the Indian Wells Valley, a two-meter amateur radio repeater (WR6AMZ) is now in service

The repeater, with an effective radiated power of approximately 50 watts, covers the Indian Wells, Searles and Antelope Valleys when used with one-watt portable units and "rabbit ears," according to Ed Tipler (WA6KYZ), the unit's owner and control

Prior to going on the air, the amateur radio repeater was licensed by the Federal Communications Commission, granted frequency authorization by the Naval Weapons Center and a space allocation at Laurel Mt. by the Naval Facilities Engineering Command. Interference with the TV/FM booster system, as well as other installations on the hill, is prevented by an elaborate cavity filter system.

The unit is a carrier-access machine with input on 146.04 MHz and output on 146.64 baptismal certificate duly attested, a MHZ. It is open to use by all licensed passport, or a legally executed affidavit by amateur radio operators of the technician class or above.

> Interested persons can obtain additional information by phoning either Tipler at 375-2753 or Jim Rieger at 375-5690.

The Rocketeer receives Armed Forces Press

Service material. All are official U. S. Navy

photos unless otherwise identified. Printed weekly

with appropriated funds by a commercial firm in

compliance with NPP-R P-35, revised January

1974. Office at Nimitz and Lauritsen. Information

published in the Rocketeer does not necessarily

reflect the official views of the Department of

Tuesday, 4:30 p.m.

3354, 3355, 2347

Tuesday, 11:30 a.m.

News Stories

Defense.

Phones

Promotional opportunities

with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2069. 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 656 or 657). Advertising positions in the al 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.

Electronics Engineer, GS-855-9/11, PD No. 7639027E, Code 3933 — This position is located in the Mechanical Systems Branch of the Surface Systems Division, Weapons Department. The incumbent will conduct development efforts to provide routine, non-routine technical and material support on projects involving electrical, electronic, mechanical, optical and chemical devices which are usually of an ordnance or ordnance simulation in the perience in project research, design / development, and test and evaluation; ability to communicate effectively both orally and in writing; BS degree in electronics

ROCKETEER

Aircraft Dispatcher, GS-2151-6, PD No. 7618009N, Code 187 — This position is located in the Projects Office of the Naval Air Facility. The incumbent coordinates aircraft scheduling requests, notifies substitute pilots / aircrew as necessary, modifies requested training and logistic flights, ensures preparation of a conflict-free daily flight schedule, maintains current knowledge of the status and availability of all NAF aircraft and NAF / NWC pilots, and organizes manifests for all logistic flights. Job Relevant Criteria: Knowledge of various NAF aircraft (i.e. seating capacities, aircrew requirements, cruising ranges and speeds and external fuel capacities); familiarity with area airports, logistic arrangements and servicing available; must be able to deal diplomatically and effectively in person and by phone; must be able to adjust and react effectively to rapidly changing requirements.

File applications for the above with Tina Lowe, Bldg. 34,

Accounts Maintenance Clerk, GS-520-04/05, PD No. 7470017, Code 7052 - Incumbent works in the Accounting and Records Section, maintains all records for quarters occupied by military personnel, is responsible for en suring all collections are deposited to the correct ac counts, and prepares comprehensive end of month reports. procedures, ability to prepare statistical and financia reports, and ability to work independently with minimum

Engineering Equipment Operator, WG-5716-10, JD No. 324, Code 70416 - Incumbent is required to operate all types of dirt moving construction equipment which includes buildozers, road graders, road rollers, ditch digging equipment, skiploaders, tractors and other similar equipment to build roads, maintain roads, excavate, backfill, level ground, move earth and rock, and load and transport heavy materials. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to perform operational maintenance; reliability and dependability; ability to interpret in structions, specifications, etc.; ability to operate equipment safely.

4, Rm. 212, Ph. 2032. Accounts Maintenance Clerk, GS-520-3/4, PD No. 608003-3, Code 0862 — (part-time) incumbent receives and processes purchase documents and validates outstanding vouchers and outstanding accounts payable for assigned of accounting clerical methods and procedures, ability to meet deadlines under pressure, ability to get along with others in work group. Promotion Potential: GS-5 Ac-

Plant Account Supervisor, GS-501-08, PD No. 7608050 Code 0863 — This position is located in the Plant Property Accounting Branch of the Office of Finance and Management. The incumbent is responsible for the supervision and management of the Plant Property Accounting Branch; establishes policies, furnishes advice and instructions on complex plant property matters determines questions of legality; and provides in erpretation of new directives and regulations. Job



35 YEARS CHALKED UP - Floyd L. Maxwell, general foreman of the metal working shops in the Public Works Department, was the recent recipient of a 35-year Federal service pin that was presented to him by Capt. W. F. Daniel, his department head. Maxwell, who grew up in Chico, Wash., began his Federal service career at the Puget Sound Navy Yard in 1940. For two years, 1944 to 1946, he was on active duty as a metalsmith with the U.S. Navy. In 1948, he came to work at China Lake as an apprentice sheetmetal worker, and has remained here ever

Relevant Criteria: Must have experience in equipment accounting, and be able to develop new techniques and procedures.

Recreation Aid, PS-189-3, PD No. 7655106, Code 0891 -

This position is located in the Recreation Service Branch. The incumbent is assistant hobby complex manager. It the absence of the hobby complex manager, the assistan is in charge of all activity at the ceramics, electronic, and wood hobby shops, camping issue, and the Hobby Resale Store; prepares work schedules and time sheets; super vises employees to insure efficient and productive performance; trains patrons in the use of equipment and employees to assist patrons in the use of equipment prepares purchase orders for acquisition of stock and resale; takes and verifies inventories of stock items for resale; performs preventative maintenance on portable and stationary electric tools such as drills, lathes, saws etc.; maintains non-appropriated and appropriated property inventory controls at the ceramic, electronic, and wood hobby shops, camping issue and Hobby Resale Store Job Relevant Criteria: Must have knowledge of principles and techniques of operating a retail store; must be knowledgeable in use of electronic test equipment, woo working equipment and ceramic kiln firing equipment.

Supv. Recreation Specialist, UA-188-5/7/9, PD No 7655105, Code 0891 - This position is located in th Recreation Services Branch. The incumbent will learn the organization and administration of adult programs at the gymnasium, swimming pool, tennis courts, handbal organizing and conducting tournaments in all of the intramural sports activities; supervises, trains, and evaluates gymnasium attendents, lifeguards, and maintenance personnel, and makes recommendations for new hires; assists in the preparation of purchase requests for all appropriated fund and non-appropriated fund supplies and equipment; issues athletic and recreation equipment to authorized patrons and keeps a running inventory of all equipment; conducts periodic surveys of all facilities with a view to providing better programs and service to all authorized patrons; maintains a record of daily activities; and assists in the maintenance of the gymnasium, swimming pool, tennis courts, handball court, and athletic fields. This position will be filled at the 5, 7 or 9 level depending on the qualifications of the applicants. Job Relevant Criteria: Should have experience in operating gymnasium, swimming pool, tennis courts and athletic fields.

File applications for the above with Dora Childers, Bldg

Clerk-Typist, GS-322-3 / 4, PD No. 7640049N, Code 4076 -This position is located in the Advanced Concepts Evaluation Branch of the Systems Development Depar ment. Incumbent will provide clerical assistance to the branch and division offices. Duties will include typing of memos, travel orders and other duties as assigned. Job Relevant Criteria: Demonstrated telephone reception skills and ability to get along with others in work group. Ability to operate an IBM Mag. Card Typewriter is

(Continued on Page 7)



DIVINE SERVICES

PROTESTANT

Suriday Wor Strip Ser Vice		1013
Sunday School — All Ages		0900
Wednesday Noon Bible Study		1130
day School Cl	lasses are held in Chapel A	Annexes 1, 2, 4
	cated opposite the Center R vice first Sunday of the M	
	ROMAN CATHOLIC MASS	
urday	1700 fulfills Sunday obligation	
day	07	00 0830 1130
BLES	SSED SACRAMENT CHAP	EL
Daily except Saturday		113:
	CONFESSIONS	
ly		1115 to 1130
urday	1530 to 16	
day		0800 to 082
RELIG	GIOUS EDUCATION CLAS	SES
day F	Pre-school thru 6th grades	1015
inesday	First thru sixth	1530
	seventh & eighth	1900
	(Junior High)	
ly urday day RELIC day p	CONFESSIONS GIOUS EDUCATION CLAS Pre-school thru 6th grades First thru sixth seventh & eighth	1530 to 0800 to

JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL

UNITARIANS

CHAPEL ANNEX 95

Services - (Sept.-May)

As announced Contact Chaplain's Office for specifics. Sabbath Services every Friday

Above classes are held in Chapel Annexes across from Ninth thru 12th grades "In Home" Discussion Group Monthly Youth Rallies

Junior High girls to try for nat'l 24-hr. relay mark

May 14, 1976

A group of 10 girls, unofficially representing Murray School and cosponsored by the NWC Special Services Division, will participate in a 24-hour relay race in an attempt to break the national record of 170 miles and 30 yards for voungsters in this age group.

This event will begin at 4:30 p.m. today at the Kelly Field track adjacent to Murray School. Each of the girls will run a mile and then pass the baton to the next runner.

If any of the runners drop out, the others will attempt to carry on. It's anticipated that each of the entrants will run somewhere between 18 and 24 miles in the 24-hour period.

The group of junior high school girls who will be trying for a new national record is composed of a nucleus of AAU runners, while some are members of the Murray Junior High School girls' track team and others have built up their endurance by competing in swimming meets.

The runners, in the order that they will be carrying the baton, are Joy Ballard, Jenny Slates, Sandi Faron, Mona Arredondo, Laura Dobbins, Teresa Brown, Leslie Bullock, Rhonda Mathews, Laurie Corlett and Keil Hitt.

Adults have volunteered to take 4-hour shifts around the clock to record the distance that is covered and make sure that the participants run in the correct order.

As for the runners, they will be bringing their own food and drinks to last them throughout the grueling event, and are looking forward to this test of their en-

Local area residents are invited to witness the start of the relay race and return as often as they like to cheer the girls on in their record-setting attempt.

Golfers schedule partners' best ball tournament May 22

A partner's best ball tournament, sponsored by the China Lake Golf Club, will be held on Saturday, May 22, at the local golf course.

Sign-up sheets for this event, which will start at 8 a.m., are posted at the clubhouse, and the deadline for entries is 5 p.m. next Wednesday, May 19.

This competition will serve as a final warm-up for the CPO Golden Anchor Tourney that is scheduled on June 5 and 6, and the same rules that will govern this latter event also will apply on May 22.

This means, in regard to a golfer's handicap, that no handicap which is two strokes higher than the one on record for an individual this past Jan. 1 will be permitted. Jim Smith, a member of the golf club's

Wilt's Corner . . .

(Continued from Page 6)

beginning next Tuesday.

The class, which will be held in the gymnasium's weight training room from 6 to 7 p.m., will be taught by Dr. Bob Kubin and Chief Bill Cava. Class size will be limited to 12 students, all of whom must be members of the Youth Center in order to participate. There is no cost for the class.

Signups will be taken at the weight training room next Tuesday and Thursday between 6 and 7 p.m. Youth Center memberships may be obtained at the Youth Center between the hours of 2:30 and 4:30 p.m., Tuesday through Friday.

Boat Club meeting slated

Plans were announced this week for a meeting of the China Lake Boat Club that will be held on Wednesday, May 26, starting at 7 p.m. at the club's hut, 355-A McIntire St.

Purpose of the get-together, which is open to all interested persons, will be to enroll new members, elect officers, and discuss the future of the boat club, Charles Adams, Sr., who is serving as commodore, reported.

Employee in the spotlight

How can a journalism graduate become an engineer?

Ask Mayer Freedman, head of the Radar Systems Branch of the Electronic Warfare Department's Microwave Development Division, who received his B.A. degree in journalism from the University of Nevada at Reno in 1961.

It wasn't that he decided he didn't have the aptitude for newspaper writing, because he had scored a major reportorial coup while still a student. Mayer wrote an assigned story on the university's acquisition of a nuclear reactor which his journalism instructor recommended he take to a local newspaper.

That newspaper liked the story, and the next day it appeared on the front page of the 'Nevada State Journal" in Reno with Mayer's by-line. The only trouble was, the story amounted to a "scoop" of the university's own public information office. which had not intended that word of the reactor should leak out so soon. There were some unhappy school officials, but Mayer had his story.

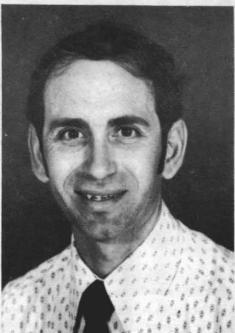
Boyhood Interests Surface

As a boy, however, Mayer had been interested in cars and model airplanes and considered himself "mechanically oriented." So it's not surprising, after all, that he had it in the back of his mind (even while studying journalism) that engineering might really be his proper vocation.

Mayer had some time to think about it. He had received a commission through the Army ROTC at graduation and went on active duty very soon thereafter at Ft. Bliss in El Paso, Tex. There he had public information office and trial counsel duties, and eventually became commander of a Nike-Hercules missile training battery.

With the extra determination that comes from having family responsibilities (he had married his wife, Carol Joy, in 1960 and their first child was born in 1962), when Mayer's two years of active duty were completed in 1963 he decided to return to UNR and begin a new degree program this time in electrical engineering. He received a B.S. degree in that field in 1966.

"Those were the days when engineering graduates were getting a lot of job offers," recalls Mayer, and even though he received



Mayer Freedman

one from China Lake at that time he opted to join Texas Instruments, Inc. in Ridgecrest. As a design engineer with that firm, he was involved in the Shrike Target Identification and Acquisition System until 1969, when he moved to TI's Dallas Branch.

While at Dallas, Mayer worked as a design and project engineer on terrainfollowing radar programs and an inclement weather landing system radar for the Lockeed 1011 Tristar aircraft. Later, after the recession started to cause lay-offs among many defense contractors, Mayer decided to switch to a consumer-oriented division within TI. This involved him in the production of shutter-control electronics for the Polaroid Corp.

Shortly after receiving an M.S. degree in electrical engineering from Southern Methodist University in 1971, Mayer returned here to work for the firm's Ridgecrest office once again, this time as a project engineer for studies of advanced seekers for anti-radiation missiles.

With better career oportunities in mind, Mayer, who has bought and sold four houses since he first came to Ridgecrest, decided to work for the Naval Weapons Center and joined Code 3522 as a design engineer in 1972. There he worked on a pattern

LEATHERNECK RETIRES — Marine Gy / Sgt. Duane L. Buday (at left), who

had been assigned to the Naval Weapons Center Marine Corps Liaison Office since

July 1972, retired April 16 after completing 20 years of active duty in the armed

forces. In photo, Rear Admiral R. G. Freeman III, NWC Commander, hands

Gy / Sgt. Buday his retirement orders while his wife, Shirley, looks on. While

stationed at China Lake, he became involved in numerous research and

development projects, including the Forward Looking Infra Red system in the

YOV-10 "Bronco" aircraft and the infrared suppression system in the AH-1J

"Cobra" helicopter. The Budays plan to move to Olympia, Wash., with their

children, Bernadette, James and Daniel.

project engineer for the Triple S program with Code 3543. Mayer has been head of the Radar Systems Branch for a year, now, during which time its major projects have been the Triple S, an anti-ship cruise missile simulator, and Harpoon, an anti-ship cruise missile. He says he enjoys his position as a branch I'm very happy I've always worked for a bunch of technically-competent individuals

head "because it's a people-oriented job. ever since I've been at China Lake. Eventually, I'd like to get into program management, and ultimately, reach a higher level of management here at the Naval Weapons Center."

recognition study for anti-radiation missiles

for about six months before becoming the

Family Activities

Off the job, Mayer works with his oldest son, Kevin, 14, on radio controlled model airplanes, and plans to begin running to keep up with Thomas, 7, a member of the Maturango Milers, who runs the mile in 7 min., 40 sec. As a family, the Freedmans, including daughter Jennifer, 4, enjoy camping in the surrounding mountains and along the coast.

Mayer, additionally, is now taking a correspondence course in yacht design, and has drawn up plans for 15 sailing or power boats. He's even interested in working part time as a naval architect when he finishes the course. In the past, he has sailed a trailerable 14 ft. sloop in regattas on the coast during weekends. "I pride myself that I turned it over only once during the six years that I had it." he says.

Opportunities. . .

(Continued from Page 2)

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

(Physical Science and Engineering), GS-1083-11, PD No. 7653037, Code 5362 - Located in Field Service Branch No. 2 of the Technical Information Department ncumbent supervises the operation of the editorial section (this entails determining schedules and reviewing work), works with author to plan the publication, and then prepares it for publication doing the necessary editing and rewriting. Job Relevant Criteria: Working knowledge of he physical science and engineering disciplines, experience in editing and writing technical publications, and knowledge of NWC editorial style and requirements and publishing techniques. Promotion Potential: GS-12.

Clerk-Typist, GS-322-3 / 4, PD No. 7535016, Code 35503 -This position is located in the Countermeasures Division of the Electronic Warfare Department. The function of the division is to fabricate representations of radar threat systems and to provide an environment for these and other systems to be set up, maintained and used to provide an electronic warfare threat environment simulation. The incumbent will function as a clerk-typist in the office of the associate head for Surface Threat Development, Typical duties will entail the typing of correspondence, originating travel orders, maintaining the filing system, preparing routine action forms, acting as receptionist and preparing weekly time cards. Job Relevant Criteria: Must be an efficient and effective typist and have experience on Mag Card and/or memory typewriters. Experience with dictating machines is desirable.

Editorial Clerk or Assistant, GS-1087-4/5, PD No. 7553080, Code 5342 — Position is located in the Technical Information Department, Composition Branch, Incumbent performs a variety of functions involved in the Center; records on magnetic tape content of rough manuscripts, proofreads typist copy against manuscript for spelling, accuracy, consistency and grammatical errors; runs off final galleys on IBM Magnetic Tape/ Selectric Composer; and designs entire book giving it graphic continuity. Job Relevant Criteria: Understanding of magnetic tape equipment (both input and output machines), knowledge of proofreading techniques basic grammar, spelling and correct abbreviations, and the ability to work accurately under pressure of tight deadlines. Promotion Potential: Visual Information Assistant, GS-1001-7.

Electronics Technician, GS-856-5, PD No. 7635039, Code 3552 — This position is located in the Operations Branch at the Electronics Warfare Threat Environment Simulation facility (Echo Range). Incumbent operates, maintains adjusts and calibrates ground based radars for range tests, and performs minor modification, installation and operational checkout on radar systems. Job Relevant Criteria: Experience in working with radar systems and knowledge of automatic tracking radars such as missile guidance radars. Promotion Potential: GS-11.

File applications for the above with Pat Gaunt, Bldg. 34 Rm. 212, Ph. 2514.

Security Clerk, GS-301-5, PD No. 7684008, Code 8411 -This position is located in the Internal Security Branch of the Security Operations Division, Safety and Security investigations to assure the appropriate scope of in vestigation has been requested; prepares and maintains security records and files; advises and assists NWC departments regarding security requirements; originates correspondence and reports; and assigns work within the Personnel Security Clearance Section. Job Relevant Criteria: Must have knowledge of security rules regulations and procedures. Must be able to interpret and apply variety of security regulations.

File applications for the above with Sue Prasolowic Bldg. 34, Rm. 208, Ph. 2577.

-Photo by Ron Allen

Giants, Tigers share lead in Major Div. of C.L. Little League

The Giants, by virtue of winning two games last week, moved into a first place tie with the Tigers in the Major Division of the China Lake Little League. As of May 8, both teams had won three out of the four games they had played.

The Major Division leaders tangled on Wednesday night of last week in a raindelayed game that saw the Giants edge the Tigers by a final score of 5-4.

The two teams each scored a run in the first inning and, after a scoreless second frame, the Tigers tallied again to go ahead, 2-1, in the top of the third.

The Giants picked up the pace by scoring two runs each in the fourth and fifth innings and held a 5-2 lead going into the sixth and final inning of regulation play.

In this nip and tuck contest, the Tigers scored two runs in the sixth inning and had the bases loaded when the final out was recorded. A single by Paul Vanderwerf that was followed by four straight walks accounted for the Tigers' last two runs of the

Other Results

Scores of other Major Division games in the China Lake Little League were: Red Sox 4, Yankees 1; Yankees 9, Dodgers 3; and Tigers, 9, Red Sox 2.

In China Lake Little League Minor Division action, the White Sox are in front as a result of lopsided wins by scores of 24-5 and 23-4 over the Cardinals and Indians, respectively. Scores of other Minor Division games were: Orioles 21, Eagles, 11, and the Eagles and Cardinals played to a 4-4 tie. Standings as of May 8 were:

	Major Division		
Team		Won	Lost
Giants		3	1
Tigers		3	1
Red Sox		2	2
Yankees		2	2
Dodgers		0	4
	Minor Division		
White Sox		2	0
Orioles		1	0
Cardinals			11/2
Eagles		1/2	11/2
Indians		0	1



SETS NEW RECORD - A new women's record at the China Lake golf course was set recently by Nancy Webster, who went around the 18-hole course in 78. This is one stroke better than her previous record of 79 set in 1975, and four strokes lower than the earlier women's golf record of 82 set in 1968 by Mary McDonald.



ROCKETEER

SOFTBALL SEASON OPENER — In the first game of Intramural Softball League's Fast Pitch Division, played Monday evening at Reardon Field, the Western Auto team posted a 5-1 win over the NAF Hawks. Shown above is a close play in which Doug Fisher, first baseman for Western Auto, managed to touch the base for an out a step ahead of Mike Zych, coach-manager of the NAF Hawks, and third baseman for the Navy team. Looking on at left is Sam Treece, first base coach for the Hawks. Western Auto made it two wins in a row on Tuesday night by pounding out a 9-1 win over the Roaches. -Photo by Ron Allen

Annual Desert Empire Rodeo to open Sat. with traditional parade

The annual Desert Empire Fair Rodeo Columbus will be held beginning tomorrow and continuing through Sunday at the rodeo arena on the fairgrounds.

Visitors will see a barrel race, team roping, bulldogging, Brahma bull, bareback and saddle bronc riding, specialty acts and the grand entry. All rodeo stock (which will be of top professional quality) and entertainment will be provided by the Seven States Rodeo Co. of Barstow.

Action will get under way with the traditional rodeo fair parade, which will begin at 10 a.m. tomorrow at Las Flores and Balsam in Ridgecrest and travel down Balsam to Ridgecrest Park. The parade will be formed at 9 o'clock, and all local horsemen are invited to participate. Pre-entries are not required.

At noon on Saturday, the horsemanship of Rodeo Queen contestants will be judged at the rodeo arena, and the new 1976-77 Desert Empire Fair Rodeo Queen will be crowned at 1:45 p.m.

Rodeo Queen candidates are Jennie Krenzel, Miriam Austin, Trina Ehl, Lynne Panlaqui, Kathy Larosche, Phyllis Patten, Sue Porter and Candee Erlandson.

The rodeo itself will begin at 2 p.m. At its conclusion there will be a deep-pit barbecue put on at the fairgrounds by the Knights of

COM, CPO pools to open Memorial Day weekend

The swimming pools of both the Commissioned Officers' Mess and the Chief Petty Officers' Club are scheduled to open on Memorial Day weekend, May 29-31.

The COM pool will operate between the hours of 10 a.m. and 8 p.m. daily, while the CPO Club pool will be open daily from noon until 6 p.m.

Persons interested in using either pool may obtain tags at the Center gymnasium office from 9 a.m. to 2 p.m., Monday through Friday.

The price of family tags for the COM pool is \$30, while singles will be charged \$25. A guest fee of \$1 per day will be collected at the check-in desk. Summer hires will be charged \$35 for family tags and \$30 for single memberships.

The cost of two-member family tags for the CPO Club pool is \$20, plus a charge of \$2.50 for each additional dependent. The maximum charge per family is \$30. Pool tags for singles are priced at \$15. A guest fee of \$1 per day will be collected at the check-in

From 6 to 8 o'clock that evening, Joshua Hall will be the scene of an introduction to square dancing for beginners. A square dance will begin there at 8 p.m.

Rodeo action will resume at 1 p.m. on Sunday in the rodeo arena.

The cost of rodeo admission tickets is \$2.50 for adults and \$1.50 for children 16 and

China Lake Soccer Club to host 6-team tourney here Sunday

There will be five hours of non-stop soccer action Sunday as the China Lake Soccer Club hosts a six-team tournament at Kelly Field, next to Murray Junior High School, beginning at 10:30 a.m.

The China Lake club will play matches lasting approximately one-half hour each with adult teams representing the San Gabriel Oldtimers "A" and "B" Clubs and a third club from the San Gabriel Valley at 10:30 a.m. and 12:45 and 3 p.m. The visiting clubs are also scheduled to compete with

From 1:30 to 2 p.m., a youth team (whose members range from 10 to 14 years of age) representing the China Lake club will play its counterpart from San Gabriel.

The competition is tentatively scheduled to end at 3:30 p.m., unless travel problems delay the San Gabriel Valley players, in which case the opening game will be played at 11:15 a.m. and the closing one at 3:45

All-star nine to play double-header at Reardon Field

The Graham Associates, all-star softball team entered in the Northern California Congress Softball League, will play a double-header on Saturday at Reardon Field, China Lake.

Starting times will be 5 and 7 p.m., and the opposition will be provided by the AMPCO nine from Bakersfield. AMPCO knocked off the locals by scores of 5-1 and 6-1 in earlier league encounters.

The Graham Associates have yet to win a game in league competition, and last week extended their string of losses by a singlerun margin to four games in a row.

In a double-header in Bakersfield last Saturday night, the locals were edged 1-0 and 5-4 as they dropped games Nos. 13 and 14 in league competition.



May 14, 1976

Wilt's Corner

China Lake Tennis club plans tourney here May 22-23

A tennis tournament open to all residents of the Indian Wells Valley area will be held here by the China Lake Tennis Club on the weekend of May 22 and 23.

Each player is limited to two of the following events: men's singles, men's doubles, women's singles and mixed doubles. The cost is \$2 per event for club members and \$3 per event for non-

Those interested in participating in the tennis tourney may register at the Youth Center, Tuesday through Friday between the hours of 2:30 and 4:30 and from 6:30 to 9:30 p.m. Next Wednesday, May 19, is the deadline for entries.

Softball Season Opens

Softball league action began this week in spite of some last-minute problems.

In order that league standings can be published in The ROCKETEER, scorekeepers are asked to cooperate by calling the gymnasium, NWC ext. 2334, and reporting daily scores of all games.

Teams should be aware that all lights will be turned off on softball diamonds no later than 10 o'clock each night. Coaches are asked to take necessary steps to ensure that all games begin and end as scheduled.

Copies of all local schedules and rules for softball play are available at the gymnasium office Monday through Friday between the hours of 9 a.m. and 2 p.m.

Kayak Races

Kayak races will be held tomorrow and Sunday in Kernville on a new course, located immediately above powerhouse no. 3, which is also the site of the National Kayak Championships to be held on the weekend of June 19 and 20.

Youth Weight Training Class A weight training class will be offered for youths under 16 years of age at the Center

gymnasium on Tuesdays and Thursdays (Continued on Page 7)



AT GYMATHON - Darlene Chesney, 11-year-old daughter of Mr. and Mrs. Joe Chesney, was the top money raiser with \$299 to her credit during last Saturday's Gymathon held at Joshua Hall on the Desert Empire Fairgrounds. A total of \$2,083 was pledged and the City of Ridgecrest will match this with another \$1,000 toward the sum of \$6,800 that is needed to cover the cost of a new floor exercise mat for use of the High Desert Gymnastics Team and the city recreation department. Nearly 50 young gymnastics enthusiasts took part in this moneyraising event.

TOP OFFICIALS WITNESS TEST — Among the distinguished visitors here for the Airborne Light Optical Fibre Technology (ALOFT) Program test were (from left) Capt. R. R. Gavazzi, Commanding Officer, and Dr. Clarence E. Bergman, Technical Director, both from the Naval Electronics Laboratory Center in San Diego; Capt. Burt Munger, head of the Naval Material Command's Systems Integration Branch, and Robert D. Harder, the ALOFT project manager at NELC.

well in test . . . Fiber optic components function

(Continued from Page 1)

actual flight conditions, was used extensively during the laboratory and ground tests that preceded the first flight test by Cdr. J. J. Fleming, the project test pilot.

The principal purpose of the ALOFT Program is to demonstrate that the A7 aircraft's navigation and weapons delivery

Explosion takes place during test of Trident motor

On Tuesday of last week, a not completely unexpected detonation of a Trident C-4 first stage motor occurred at the Naval Weapons Center.

The detonation followed activation of the non-tactical thrust termination system required to permit range safety officers to destroy a malfunctioning test missile in flight. While the risk of a detonation was not considered to be high, the possibility was well recognized. For this reason, the test was conducted in a remote area.

There were no injuries, but the test stand and some instrumentation were demolished. Data is being collected and analysis is currently under way to establish the cause of the detonation and any necessary design changes.

Program impacts are unknown at this time and detailed analysis of test data must be conducted before program determina-

system functions as well with the fiber optic bundles as it does with regular aircraft wiring. Pilots who have flown the test aircraft have been quoted as stating that they can detect no difference in per-

The major advantages, however, are safety and operational in nature. The fiber optic bundles are not susceptible to electro magnetic interference. The wire interconnections do not allow full aircraft capability because of their susceptibility to electromagnetic interference (EMI), radio frequency interference (RFI), nucleargenerated electromagnetic pulse (EMP), and other electrical problems such as crosstalk, isolation, ground loops, and

The planned electro optical interconnections do not employ electrical phenomena and are thus immune to the deficiencies of wire interconnections. In addition, if there is a break in a fiber optic bundle, no fire damage can occur since it carries no electrical current.

Savings in both weight and cost also can be realized by switching from wire to fiber optic bundles. According to Jim Ross, the NWC ALOFT Project Engineer, the installation on the A7 aircraft replaced more than 300 wires with 13 fiber optic bundles, weighing nearly 29 lbs. less, that perform the same job as the wire. Because of this savings in weight, redundancy can be built into a system thereby increasing system

Brief episodes in life of Dr. Lauritsen to be published prior to lab dedication

(Editor's Note: In order to provide an added appreciation of the name chosen for the new Lauritsen Laboratory, The ROCKETEER is publishing brief episodes in the life of Dr. Charles C. Lauritsen, highlighting the period that he was influential in the development of the Naval Ordnance Test Station (NOTS), forerunner of NWC. The laboratory will be dedicated at 9:30 a.m. on June 18.)

A new era of military rocket history began with a trip to England, made for the National Defense Research Committee, Office of Scientific Research and Development (OSRD) in the spring of 1941 by Dr. Charles C. Lauritsen and Dr. Lawrence R. Hafstad. As he observed the British use of antiaircraft rockets, Dr. Lauritsen became convinced that there was urgent need for considerable expansion of this country's rocket program.

Dr. Lauritsen presented his case to Dr. Vannevar Bush, recently designated head of OSRD. "Well, why don't you do something about it?" Dr. Bush asked, giving Dr. Lauritsen backing to promote a larger program.

By 1943, promising developments in the California Institute of Technology rocket program, under Dr. Lauritsen's guidance - and important British successes in disabling submarines with aircraft rockets - convinced Admiral Ernest J. King, Chief of Naval Operations, that the CalTech rocket program should undergo highpriority expansion in order to provide the Navy as soon as possible with airlaunched forward-firing rockets. More testing space was needed immediately.

This need, and an allied requirement for an aviation ordnance proving ground, were met when the Naval Ordnance Test Station was established in Indian Wells

Contributions coming in well for Navy Relief Society fund drive

the Naval Weapons Center.

The drive to raise money for the NRS, the naval service's own private, charitable organization, began Navywide on May 4 and will continue to June 6.

Contributions will support the Navy Relief Society's emergency aid and financial assistance programs for Navy and Marine Corps personnel and their families.

Excess housing . . .

(Continued from Page 1) sold by competitive-bid sale to the general

"The facts, to me, are simple: if those are the rules, and the rules are unfair, then it is the job of the Congress to change them. Prohibiting present tenants a first option causes undue disruption, and unnecessary costs of relocation. The only result of that will be loss of good will, and alienation of community residents."

Congressman Ketchum concluded by saying that he has urged all members of the House of Representatives to support his

As for the cost of material, including

connectors, the fiber optics purchased in small quantities is a little more than \$1,032 compared to \$1,630 for wire that already is available in quantity at this time. It is anticipated that as the demand for fiber optic components increases the cost will

Fiber optics for use in transmitting low voltage data signals between various components of a weapon system and an aircraft's on-board computer should be the way of the future in replacing wiring for such use in aircraft, Freedman stated.

Full Service restored

Motor vehicle decals are once again being issued Monday through Friday, between the hours of 7 a.m. and 5 p.m., at the NWC main gate Visitor Center.

Two months ago, because of a shortage of personnel, it was necessary to reduce this service to three days a week.

Employees at the Vehicle Registration Office expressed their appreciation for the patience and cooperation shown by all hands during the period it was necessary to cut back this service to the public.

Contributions are coming in well for the Locally, the campaign will be topped off Navy Relief Society's annual fund drive, it by the presentation of grand prizes on was reported this week by Cdr. J. J. Friday, June 4, at the VX-5 vs. NAF (BAT-Fleming, chairman of the 1976 campaign at NAF) challenge softball game, coupled with announcement of the winner of the "Miss Navy Relief' queen title.

Votes Based on Contributions

Votes for the queen candidates are based on contributions made in their behalf to the Navy Relief Society fund drive, and tickets (which count as votes) can be obtained from keymen in all departments on the Center.

Nine of the ten Navy Relief campaign queen candidates were introduced this past Sunday afternoon during the communitywide picnic and ice cream social that was the highlight of NWC's observance of Armed Forces Week. The only absentee was YN3 Stacey Beville, from the VX-5 Air Warfare Office, who was on annual leave.

The other queen candidates are RMSN Anna Maria Barker, AA Bonnie Lamb, MSSN Karen Lukas, YN3 Linda McKenzie, ACAN Vallerie Nutter. HN Susan Quackenbush, YNSA Bonnie Shannon, AZAN Patricia Stewart and YNSA Lydia Wright.

Five of the queen candidate hopefuls are from VX-5. They are YN3 Beville, AA Lamb, YN3 McKenzie, YNSA Shannon and YNSA Wright. NWC is represented in the queen contest by RMSN Barker, MSSN Lukas and HN Quackenbush, and there are two entries - ACAN Nutter and AZAN Stewart - from NAF.

Queen Contest Aids Drive

According to Cdr. Fleming, the queen contest is helping greatly to increase the efforts put forth by the entrants' shipmates to aid the Navy Relief Society fund drive. The early leaders in the contest are AZAN Stewart, HN Quackenbush and YNSA Wright, but with three more weeks to go the final outcome is far from settled.

The list of grand prizes to be given away at the BAT-NAF softball game includes the choice of a number of valuable awards made available by Ridgecrest merchants.

1st prize - a Datsun pickup truck from Bird Oldsmobile, a Plymouth Arrow from Charlon and Simolon, a 17-ft. "Me Too" travel trailer from Desert Motors, or a Honda GL 1000 from the Desert Sports

2nd prize - a Suzuki A100 or a Suzuki TS 75 motorbike, both from Desert Sports Cycle, or a 19-in, color TV set from Ace TV. 3rd prize - an Amana microwave oven or a 17-in. Zenith portable color TV set from Loewens, or a Maytag dishwasher from



ON NAVY RELIEF GRAND PRIZE LIST — A Plymouth Arrow from Charlon and Simolon in Ridgecrest is included in the group of four first prizes, one of which will be given away during the BAT-NAF challenge softball game that will conclude the 1976 Navy Relief Society fund drive at the Naval Weapons Center. Showing off the classy car is Mary Paine, Miss China Lake-Ridgecrest, who will be the local area representative in the state beauty pageant at Santa Cruz. The list of first prizes also includes a Datsun pickup truck from Bird Oldsmobile, a 17-ft. "Me Too" travel trailer from Ridgecrest motors, and a Honda GL 1000 from the Desert



FAMILY FUN — Approximately 1,500 visitors turned out to participate in the community-wide picnic and ice cream social which was held last Sunday afternoon on the lawn in front of the Naval Weapons Center Administration Building as the highlight to the local observance of Armed Forces Week (May 8-15). In the top row of photos, the Murray School Band, directed by Alberta Kline, was one of four school bands that provided musical entertainment throughout the event; and a young celebrant (at right) clutches one of the many balloons that added a colorful note to the day's festivities. In the center photos, hungry visitors which was held on the Administration Building parking lot.

Service of electron microscopy lab available

The Research Department is now making specific project and transmission electron

optimum and efficient interface between a calling Dancy at NWC ext. 2771.

patronize a table covered with homemade pies and cakes that were sold by members of the Maturango Museum Luncheons Group, under the direction of Mrs. Sue Byrd; at right, the brightly-painted Naval Air Facility Bicentennial aircraft, a T-38 Freedom Fighter chase plane specially prepared by the NAF Targets Department, made its public debut. The photo at lower left shows the beautiful tree and flag-lined approaches to the huge lawn on which the picnic was held. To its right, visitors are pictured examining one of the many entries in the popular car show,

visitors may join in.

Scout-o-Rama set Saturday at Schoeffel Field

Scout-o-Rama that is to be held tomorrow at skills, handcrafts, pioneering and cooking. scaffolds; and Boy Scout Troop 848, spon-Schoeffel Field.

at the gate on Saturday.

Between 25 and 30 Boy Scout, Girl Scout, Cub Scout and Camp Fire Girl units from

available Centerwide the use of its trans-

mission electron microscopy laboratory.

According to John Dancy, electronic mi-

crosopist in the Physics Division of Code

60, this laboratory has the unique capability

of assisting scientists or engineers by pro-

viding microstructure analysis techniques

designed to meet their particular needs,

such as in the area of thin film research, for

Consulting service is provided to insure

Tickets are still on sale for the annual shows and demonstrations of scouting pelling techniques from 30-ft. high painting

In addition, Cub Scout Pack 341, spon- sored by the Grace Lutheran Church in A ticket, priced at \$1 for non-scout af- sored by the NWC All Faith Chapel, will set filiated persons, will admit one adult plus up an obstacle course which visitors and any children in his or her family under the scouts may attempt to run through, and Boy age of 16. Tickets are being sold by Cub and Scout Troop 35, sponsored by the In-Boy Scouts door-to-door and in various ternational Association of Machinists and gravity-powered racers will be held at 3 shopping areas. They also will be available Aerospace Workers Local 442, will operate a p.m. The Order of the Arrow, a society of miniature golf course.

Explorer Post 800, sponsored by the United Methodist Church of Ridgecrest, Ridgecrest, China Lake, Trona, Randsburg plans to set up a rope climb; Boy Scout and California City are expected to par- Troop 68, sponsored by the Ridgecrest LDS ticipate in this event. It will feature puppet Church, 1st Ward, will demonstrate rap-

"Whether yours is a current need, or you

are planning a new project, see how this

laboratory can work along with you on a

short- or long-term basis in planning and

developing a project that will extract

maximum data from tests and experiments

designed to efficiently and economically

Additional information can be obtained by

realize your objective," Dancy urged.

microscopy, Dancy added.

during a camp out. Artists' work on display

now at Community Center

Ridgecrest, will put on a pillow fight which

The Scout-o-Rama will begin at 1 p.m. and

the Cub Scout Pinewood Derby runoffs for

honor campers, will begin a program at 7:30

p.m. designed to show the public typical

activities that occur around a campfire

The works of Desert Art League members Clifford Johnson and Ruth Powers are on display at the Community Center between the hours of 7:30 a.m. and 4:30 p.m. on weekdays and will remain through Monday,

May 31. Johnson's paintings of Western Americana hang on the wall of Cactus Hall and in the Joshua and Yucca Rms. The artist is an employee of Code 4561.

The paintings by Mrs. Powers, who is a long-time local resident, depict landscapes of the Kern River Valley and the local area. They are hung in the Sidewinder Rm.

War hero. . .

(Continued from Page 1) through the line directly in front of his position, Platoon Sergeant Paige, commanding a machine gun section with fearless determination, continued to direct the fire of his gunners until all his men were either killed or wounded.

"Alone, against the deadly hail of Japanese shells, he manned his gun, and when it was destroyed, took over another, moving from gun to gun, never ceasing his withering fire against the advancing hordes until reinforcements finally arrived. Then, forming a new line, he dauntlessly and aggressively led a bayonet charge, driving the enemy back and preventing a breakthrough in our lines . . ."

Col. Paige was commissioned in the field at Guadalcanal, and, before retiring from the service in 1964, served at one time as commanding officer of the 3rd Batallion, 7th Marines, First Marine Division. After his retirement he worked for a time for MB Associates, Inc., of San Ramon, Calif., helping in the research and development of miniature rockets, penetration aids and hypervelocity acceleration.

Last year, Col. Paige published his autobiography entitled "A Marine Named Mitch," which contains the essence of his picture and note-taking which began 40 years ago.

"As a platoon sergeant I knew my men as well as anybody ever knew them - every detail of their lives. When we got into combat this knowledge paid off, although I never realized how it might when I first began taking notes," recalled the colonel. He and his wife, Jan, make their home in Redwood City. They have two married children, Mitch and Janis.

Talk about Center's range complex set at next IEEE meeting

A talk about the future of the Naval Weapons Center's range complex will be presented at the next luncheon meeting of the China Lake Section of the Institute of Electrical and Electronic Engineers.

The speaker will be William R. Hattabaugh, head of the Test and Evaluation Department, and the meeting will be held on Tuesday, starting at 11:30 a.m., in the Chart Rm. of the Commissioned Officers'

Because the ranges represent a significant resource in the Center's total research development, test and evaluation capability, it is essential that they be utilized and developed in such a manner to support both present and future Navy test and evaluation needs.

Currently, the ranges face a variety of problems, such as encroachment on the restricted air space that is vital to their maximum utilization.

Hattabaugh will discuss modernization plans for the ranges that are intended to cope with anticipated problems over the next two decades, including range measurement systems.

The speaker, who has been a China Lake employee since 1960 (except for a 1-year period spent attending the University of Mexico on a government fellowship while studying for master's degree in public administration) has been head of what is now Code 37 since 1973.



William R. Hattabaugh



PREPARED FOR DANCE FESTIVAL — These members of the Desert Dancers, local folk dance group, are looking forward with anticipation to the spring folk dance festival that will be held tomorrow afternoon and evening at the Community Center. They are (I.-r.) Nan Hulsey, Carl Heller, Cindy and Bob Brown, Carolyn Ogilvie and Dwight Fine. This event, which is being held in conjunction with the International Festival Committee's food bazaar, is open to all interested persons and a good turnout of dancers and spectators is hoped for. -Photo by Ron Allen

Happenings around NWC

2 a.m.

Preparations are under way for the grand opening of the new Enlisted Men's Club later this month, according to club manager Walt Schimke. Details of the opening ceremony will be announced soon in The ROCKETEER.

GEBA Assessments Due

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the deaths of Roy G. Kruger, Thomas G. Standard and Peter Dietrichson.

Kruger, a former Code 5582 employee, was 59 years old at the time of his death on April 14 in Los Angeles. Standard, 63, a Public Works Department employee who had retired, died April 20 in Ridgecrest. Dietrichson was assistant division head of the Technical Information Department Graphic Arts Division until his death in Onyx on April 24 at the age of 59.

GEBA and CLMAS members are asked

scholarship funds. They are IFC's own

scholarship at the undergraduate level,

which is open to all local students having a

financial need; and the Martin Luther King

Scholarship, administered by the California

Teachers' Association, which is for

minority students doing graduate work.

Discount coupons for a variety of

recreational attractions are available to

NWC military and Civil Service personnel

and their dependents at the Community

The coupons, which offer 10 to 15 per cent

savings on the regular cost of these at-

tractions, may be picked up from the lobby

attendant of the Communty Center on

Monday through Friday from 7:30 a.m.

until 4:30 p.m. and on Tuesday through

Coupons are available for the following

attractions: Disneyland, Knott's Berry

Farm, Busch Gardens, Magic Mountain,

Movieland Wax Museum, Universal

Studios, Queen Mary Tour (Palos Verdes),

Marineland of the Pacific (Palos Verdes),

Lion Country Safari, Sea World (San

Friday evenings from 7:30 until 10.

Coupons available for

many recreation areas

Center.

Dancing to the country and western music by Larry Mason, secretary, to contact the of the Country Squires will take place at the collectors in their work area to pay these Chaparral Club tomorrow night from 9 until latest assessments, which are Nos. 361, 362 and 363.

Mason stated that a new membership drive is now on and also urged present GEBA and CLMAS members to check to make sure that up-to-date information regarding their beneficiaries is on file. He can be contacted after working hours by calling 446-4794.

Square Dance Scheduled

Members of the Cactus Squares will hold their bi-monthly square dance tomorrow night, starting at 7:30, at the Murray Junior High School auditorium. George and Jeanne Thornburg will be calling the tips and cueing the rounds.

From 7:30 to 8 p.m. there will be round dancing, followed by square dancing until

At the conclusion of the evening, gaily decorated boxes of after-dance snacks and sweets will be auctioned off by refreshment chairmen Bell and Lou Sidney.

All square dancers are invited to join in

Insurance Agent Due

Loni Kivett, the Aetna Isurance representative, will be at the Community Center next Wednesday, May 19, from 10:30 a.m. to noon.

Youths invited to apply for Army summer program

Applications, which can be obtained locally, are now being accepted for the U.S. Army Reserve's Summer Career Interest Program '76.

The objective of this program, which is sponsored by Army Reserve in conjunction with the Reserve Officers Association, is to teach technical skills to teenagers while providing training subjects for Army Reserve instructors.

The summer program is two weeks in duration and is open to anyone 15 years of age and over. While it is sponsored by the Army, there is no commitment involved by those who participate. In addition, the students are not required to stand formations, wear uniforms or meet haircut regulations.

For a \$55 fee, students receive intensive course and field work in their chosen study area. The fee covers housing, meals, educational materials and health and accident insurance.

This summer program is being offered at eight locations around the country, but the nearest one is at the Sacramento Army Depot from June 20 through July 2, and from July 4 to 16. The variety of subjects to be offered there includes aviation ground school, law enforcement, automotive maintenance, medical lab technology and amateur radio. Only one course may be selected for the two-week training period.

Pamphlets which contain an application form for the Army Reserve's Summer Career Interest Program can be obtained at the Community Center and Youth Center at NWC, at the Burroughs High School counseling center, at the Mesquite High School office, and at the Cerro Coso Community College career counseling

At the present time, the 6303rd USAR Study Group (RTU) is exploring the possibility of having transportation provided to and from the two camp sessions in Sacramento, and also is seeking support from local service clubs and similar groups for payment of the \$55 fee in cases of those who are interested in attending, but are unable to afford it. The latter are asked to fill out the application and then send it to Capt. Michael Hartney, USAR, at NWC Code 081.

If additional information (other than that included in the application pamphlets) becomes available, it can be obtained by calling Capt. Hartney at NWC ext. 3288 or

Folk dance fete, food bazaar set Saturday the month will be contributed to two

People who enjoy the unusual in music, the exotic in food, and the memorable in dance are invited to attend Lech Lamidbar - the Desert Dancers' spring folk dance festival that is to be held jointly with the International Festival Committee's (IFC) food bazaar - tomorrow in the Community Center.

Special event passes, for which the password is "festival," will be issued on Saturday at the NWC main gate from noon until midnight.

The dance festival has been planned in two parts. From 2 to 5 p.m., dancing will be to recorded music, but during the evening (from 8 to midnight) there will be dancing to the music of the Pecurka International Folk Band.

Dance Exhibitions Slated

During each session, there will be exhibitions by special dance groups. The afternoon program will feature IFC dancers, starting at around 2:30 p.m., when nine Tanko Bushi dancers will demonstrate the skills taught to them by Mrs. Aiko White. This group will be followed immediately by six Afro-American dancers in a demonstration that has been choreographed by Mrs. Phyllis Henderson

Later, shortly after 3:30 p.m., Line Scanlon, a professional Polynesian dancer, will perform her native Samoan dances.

The evening program, for which there will be an admission charge of \$2 per person, will include a demonstration by the Royal Scottish Country Dance Society of Los Angeles at about 8:30 p.m. The society was formed in Scotland in 1923 for the purpose of resurrecting, restoring, and preserving the dances and dance music of old Scotland, and today Scottish country dancing is enjoyed by thousands of people throughout the world. Members of the demonstration team of the Los Angeles branch are selected by the team director, Margaret Morrison — a native of Scotland who now resides in North Hollywood.

Polish Dancers To Perform

The second exhibition of the evening will be by Polski Iskry. This group specializes in the dances of Poland, and performs at folk dance festivals throughout California. Polski Iskry is directed by Eugene Ciejeka of Garden Grove, Calif. Ciejeka, who is of Polish descent, has indulged his lifelong interest in Polish culture by traveling extensively in Poland to research dances and costumes.

The Pecurka International Folk Band is a six-piece musical group that provides lively, entertaining, and danceable music for Southern California folk dancers. Singing in 10 languages and playing a variety of ethnic and conventional instruments, the six members of the band

perform folk music of Yugoslavia, Bulgaria, Israel, Greece, and many other Bob Atwood, the group's director, is the

lead accordionist; his wife Barbara is the group's clarinetist. Laura Carder plays (and Hugh Neely understudies) violin and viola. Carol Driggers makes beautiful music on the Persian santur, an instrument very similar to the American hammer dulcimer. Karen Magnussen is the group's flute and recorder player; and John Trojan plays the accordion and tupan (large Macedonian folk drum).

The food bazaar will be open from noon until 10 p.m. Members of the International Relations Club at Burroughs High School will be selling pastries, breads, and cakes in the Panamint Rm. at the Community Center, and hot and cold beverages at the snack bar area from noon until 10 p.m. An international supper also will be available in the snack bar area. The supper will include beer meat balls, teriyaki chicken wings, fried rice, and a dessert.

Volunteers are still needed to help with the selling. Those willing to do so are asked to contact Mrs. Susanne Fountain, by calling 446-4408, to arrange to help at the

Funds raised by IFC from the food sales Diego), San Diego Zoo and Wild Animal and from patron ticket sales held earlier in Park and Santa's Village (Big Bear).



FESTIVAL TICKETS PRESENTED - Mrs. Dottie Freeman, wife of the NWC Commander, earlier this week received tickets for the evening program of the combined folk dance festival and International Festival Committee's food bazaar that will be held at the Community Center. The youngsters who presented tickets to Mrs. Freeman are Paul Rabago, who is wearing a Guamanian costume, and Christine Shadd, dressed in a Japanese costume. They are third and fourth grade students, respectively, from Vieweg Elementary School. -Photo by Ron Allen