

Two Performances Remain for College Comedy

Two more performances of "The Man Who Came to Dinner" remain, tonight and tomorrow night, at the Burroughs High School Lecture Center, beginning at 8:15. The three-act comedy is being produced by the Cerro Coso College drama class, Theater 27, and is directed by Pat Schwarzbach. The show features Jack Lindsey as Sheridan Whiteside, the role patterned after Alexander Woolcott by authors Moss Hart and George S. Kaufman.

Also appearing in the play are Sandee Schwarzbach, as Maggie Cutler, Nancy Miller, as Miss Preen, Cathy Carter, as Lorraine Sheldon, Dan Foster, in the role of Beverly Carleton, Jim Rieger, as Banjo, and John Clark as Bert Jefferson.

Others are Robbie Robbins and Del Nordseth, as Mr. and Mrs. Stanley, Alan Woodsen, as Richard Stanley, Linda Webb, in the role of June Stanley, and Roselle Goza, as Harriet Stanley.

Don Tilford and Kathy Stracklin are cast as John and Sarah. Alan Ward will play Dr. Bradley and Ralph Schwarzbach will be seen as Professor Metz. Alfred Duran is the Expressman, and Joe Koons will play Westcott. Loren Dorrell will be seen as Sandy.

Tickets Now on Sale

Tickets are now on sale at the Gift Mart, in Ridgecrest, the Station Pharmacy, the College Bookstore, and from members of the cast. They are priced at \$2 for adults, \$1.25 for students and children, and \$1 for Cerro Coso students who have a student body card.

Safety Issue Store

Alters Operation Hours

In an effort to more effectively utilize manpower, the NWC Safety Department will reduce the hours of operation at the Safety Issue Store. Beginning on Monday the store will be open from 7:30 a.m. to 12 noon each work day.

However, emergencies will be handled at any time.



LAST TWO PERFORMANCES—Linda Webb (l.) and Alan Woodsen, who portray June and Richard Stanley, respectively, in Theater 27's "The Man Who Came to Dinner," are seen in one of the comedy scenes of the play. The show will play two more times, tonight and tomorrow night, at the Burroughs High School Lecture Center. Curtain time is 8:15. —Photo by Rob Ginn

SHOWBOAT

MOVIE RATINGS

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

(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.
Matinee - 1 p.m.

FRI. 18 January
"BANG THE DRUM SLOWLY" (98 Min.)
Michael Moriarty, Robert De Niro
(Drama) Robert De Niro is a catcher for a fictional baseball team, the New York Mammoths. When his roommate Michael Moriarty learns that Robert De Niro is dying of Hodgkin's disease, he takes it upon himself to keep the news from the team. (PG)

SAT. 19 January
—FAMILY MATINEE—
"Waterloo" (123 Min.)
Rod Steiger, Christopher Plummer (G)
—EVENING—
"THE MACKINTOSH MAN" (99 Min.)
Paul Newman, Dominique Sanda
(Suspense Drama) Paul Newman plays an American who appears to be an international jewel thief betrayed by his employer Harry Andrews and his mysterious secretary (Dominique Sanda). He is arrested and sent to prison for 20 years. There, he arranges to buy an escape which he shares with imprisoned English traitor Ian Bannen. (PG)

SUN. & MON. 20-21 January
"ESCAPED FROM DEVIL'S ISLAND" (87 Min.)
Jim Brown, Christopher George
(Action Drama) Devil's Island is a picture about Jim Brown's escape from an impregnable prison in French Guiana in 1918. Brown coerces Marxist revolutionary Christopher George to join him because of his contacts on the outside world. Their escape along with two others affords a great deal of exciting action and suspense. (R)

TUES. 22 January
"THE LONG GOODBYE" (112 Min.)
Elliott Gould, Nina Van Pallandt
(Crime Melodrama) Private eye Elliott Gould awakens at 3 a.m. to feed his cat, being only partly amused by his female hippie neighbors, who practice yoga and smoke pot in various states of undress. Gould is visited by old friend Jim Bouton, whom he drives to Tijuana. Later, Bouton's apparent suicide confirms his guilt in the murder of his wife, but Gould doesn't believe this. (R)

WED. 23 January
CHINA LAKE CIVIC CONCERT ASSOCIATION PRESENTS
CAROL NEBLETT, SOPRANO

THURS. 24 January
"LET THE GOOD TIMES ROLL" (99 Min.)
Chuck Berry, Little Richard

FRI. 25 January
SLAUGHTERHOUSE-FIVE" (103 Min.)
Michael Sacks, Ron Leibman

Class in Hatha Yoga Set by Special Services

Joan Leipnik has again scheduled a series of classes in Hatha Yoga for men and women of all ages.

The course will begin on Jan. 30 at 7:30 p.m. in the Community Center. Interested persons may sign up now at the Center by calling Art Amos, NWC ext. 2010.

According to Mrs. Leipnik, Hatha Yoga exercises are a valuable aid to concentration and meditation, bring about slimming and conditioning of the body, renew energy and benefit and stimulate the body's circulation.

The course is sponsored by the NWC Special Services Division.

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Who Will Win Annual CLOTA Theater Awards?

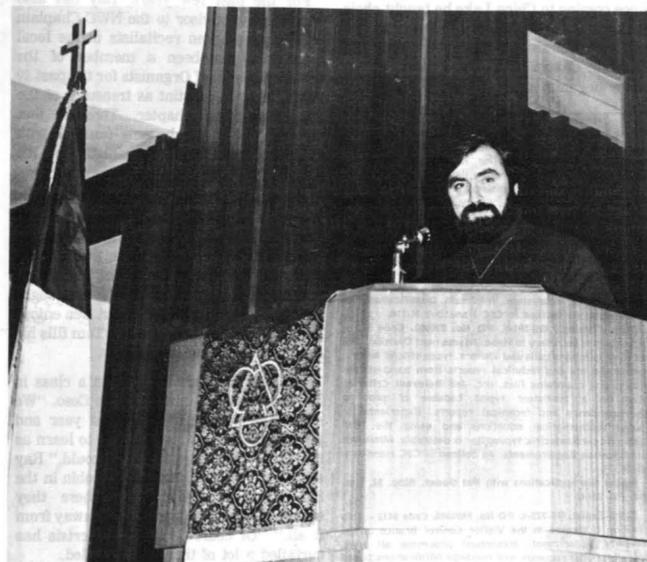
Who will win the CLOTA awards this year? A season of speculation and conjecture among CLOTA members will be ended on Saturday, Feb. 2, when the Community Light Opera and Theater Association will hold its annual business and awards meeting.

The meeting, to start at 8 p.m., will be held at the Chief Petty Officers' Club. A prime rib dinner, costing \$4.75 per person, will be served. Tickets for the dinner are available at the Gift Mart or the Center Pharmacy, or from Larry Sawyer, NWC ext. 7379, or John Woodlridge, NWC ext. 3261. All reservations for the dinner must be made before Jan. 27.

At the meeting the members will elect new board members. Any person interested in becoming a CLOTA board member is asked to contact Larry Sawyer. The productions being considered for this year's awards are "1776," directed by William R. Blanc, "Hello Dolly," directed by Jack Lindsey, "Lion in Winter," directed by John D. Gerrard-Gough, and "Star-Spangled Girl," directed by Alan Kubik.

Work has already started on the first production of the 1974 CLOTA season, "The Miracle Worker," directed by Gail Falkenberg, went through the tryout stage this week, and rehearsals are expected to begin next week.

Other plays scheduled are "Company," to be directed in the summer by Florence Green, the fall production, "Who's Afraid of Virginia Woolf," directed by Elena Vitale, and "Ring Around the Moon," to be directed by Eduardo Romero next winter.



DR. MARTIN LUTHER KING HONORED — Memorial services were held in the All Faith Chapel last Tuesday to commemorate the birthday of Dr. Martin Luther King, noted Civil Rights leader who was assassinated April 4, 1968. Students from both the Indian Wells Valley and China Lake school districts attended, as did students from Burroughs High School. Nearly 450 people gathered in the chapel to hear Rev. William T. Charlton (above) reflect on the life and teachings of Dr. King and to hear other speakers, including NWC Chaplain R. E. Osman, NAF Chaplain Fred Zobel, Mayor Kenneth Smith, of Ridgecrest, Leroy Sampson, president of the IWV Branch, NAACP, Robert M. Briley, deputy EEO officer at NWC, and Bettye M. Rivera, vice president and education chairman of the NAACP, and the chairman of the human relations committee of the China Lake Education Association. Joan Fowler played an organ prelude and the Union Baptist Church choir, directed by Carol Celestine and accompanied by pianist Johnny Moore, sang three numbers. Rev. Robert L. Johnson gave the benediction. —Photo by PHAN Joe Dunn

New Special Education Facility Opens

A warm, sunny afternoon this week brought about 150 people together to celebrate the materialization of a long-term community dream. On Tuesday at 2:30 a dedication ceremony was held at the Richmond School Special Education Facility, a million-dollar building completely equipped to meet the needs of several special kinds of children.

An invocation by NWC Chaplain Robert Osman was followed by a warm welcome by Dr. Sol Spears, superintendent of the China Lake School District. Dr. Spears pointed out that many community leaders were in the audience, representatives of all the various organizations that made the new building possible. "We're very proud to have you here in this beautiful building," he said.

Dr. Spears pointed with pride to the uniqueness of the new special education building, one that contains facilities and equipment for varied kinds of exceptional needs, rather than specializing in only a few of these needs. Classes to be held in the

building are for dysphasic, blind, deaf, trainable mentally retarded, and orthopedically handicapped children.

He also reminded his audience that the building, soon to be under the Sierra Sands Unified School District, will belong to all the people of this area, not just to China Lake.

There are three primary goals in the special education program, Dr. Spears said. The schools are charged with seeking out and providing appropriate education for children with special needs, with providing life skills suitable to these children's abilities, and with providing adequate facilities with maximum interaction with the rest of the school population. In connection with this last point, Dr. Spears stressed that the Special Education Facility will definitely be a part of Richmond School, with plenty of interaction with other portions of the school population.

Grant Pinney, assistant superintendent for the China Lake School District, introduced many (Continued on Page 5)



AMONG WELL-WISHERS at the opening of the new Richmond School Special Education Facility was RADM. Paul E. Pugh, shown here commending the many community, county, state, and national educators and concerned citizens who worked to bring a longstanding dream to reality. Children in the local area with special educational needs now will have available the equipment and resources to meet these needs.

nwc rocketeer

Naval Weapons Center
China Lake
California

Jan. 18, 1974
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YNI Nauta Tapped for January 'Bluejacket of Month' Honor

Yeoman First Class Raleigh J. Nauta, who is the assistant to the Staff Judge Advocate, has been selected "Bluejacket of the Month" for January.

As a result of his election, the popular and well-liked Navyman will receive an all-expenses paid weekend in Bakersfield,

a career Navyman, which accounted for the fact that Nauta was graduated from South Philadelphia High School, in Philadelphia, Penna.

52-Year Veteran

Nauta joined the Navy 12 years ago. He came to China Lake in June 1972 from the USS Chicago, where he was the legal yeoman and the assistant supervisor of the Captain's office. Prior to that tour of duty, Nauta served in Vietnam as the writer for the Deputy Chief of Staff for Advisory Matters and the office supervisor of the Senior Naval Advisor's Office, Vietnamese Navy Headquarters.

He met his wife, Jeanette, while he was stationed at Newport, R. I., Now the couple has three children—Cindy, 7, Raleigh Jr., 5, and Anthony, three months old.

Nauta enjoys bowling, coin collecting and working around the new home that he has recently purchased in Ridgecrest.

Installation Of CofC Officers Set For Saturday

The 30th annual dinner dance and installation of officers for the Ridgecrest Chamber of Commerce will take place on Saturday at the Desert Empire Fair's Joshua Hall. The community is invited to attend this event which will begin at 7 p.m. with a no-host cocktail hour followed by a prime-rib dinner at 8 p.m.

Dancing to the music of the Golden State Music Co. will follow the installation program.

Judge J. Kelly Steele, of Bakersfield, will install chamber officers for the new year. Heading the CofC as president will be George Grisham. Ken Bird will serve as vice-president, Berniece Lyons as secretary and John Wilson as treasurer.

Newly elected directors also to be installed are John Parlet and Tony Squillace. Dr. David Kraus, well-known community leader and past city councilman of the city of Ridgecrest, will be master of ceremonies.



YNI Raleigh J. Nauta

sponsored by that city's Greater Bakersfield Chamber of Commerce. While there, Nauta will receive gift coupons and discount certificates from Bakersfield merchants.

In addition, prior to leaving the local area for the trip, Nauta will be given the keys to a new Ford automobile by Doug Butler of Desert Motors.

A native of Inarajan, Guam, Nauta moved, with his family, to San Diego when he was seven years old. His father was also



PLANNING RANGE TOUR — Rear Admiral A. R. Marschall, Commander of the Naval Facilities Engineering Command, listens attentively as John C. DiPol, Associate Head of Planning, Test and Evaluation Department, outlines a tour of NWC's ranges for the distinguished visitor. Capt. W. H. Sturman, left, NWC's Public Works Officer and Tillie Barling (background), natural resources specialist of the Public Works Department, went on the tour with RADM. Marschall in a helicopter flown by Lt. Col. John Pipa. Paying his first visit to China Lake, RADM. Marschall spent all day Wednesday touring NWC facilities, taking in briefings and listening to presentations. He left Wednesday afternoon for Port Hueneme.

Outlook Conference Planned

A searching look into Kern County's economic prospects will occur when the 1974 Kern County Business Outlook Conference meets next Wednesday in the Bakersfield Civic Auditorium. This 16th annual conference, particularly timely in these days of fast-breaking economic news on the national level, will feature a panel of 10 authorities on major phases of the economy.

Among the experts scheduled to talk is RADM. Paul E. Pugh, NWC commander. John E. Logan, president of the sponsoring Kern County Board of Trade, said the conference is open to all persons wishing to gain perspective on Kern County's economic future. Advance reservations for the conference are necessary and may be made at the Board of Trade office, 2101 Oak St.,

Bakersfield, telephone 861-2367.

Record Number of Conferees

More than 1,000 conferees, possibly a record total, are expected to attend the conference, the second largest of its kind in California. In addition to leaders of various businesses and activities within the county, the conference also draws many business and industrial leaders from outside the county who find it expedient to keep informed on Kern County economic trends and developments.

In addition to RADM. Pugh, other leaders who will participate in the conference are Allen Bortoff, representing the Kern County Water Agency; Vince Casper, owner of Casper's Men's Stores; Brig. Gen. (Continued on Page 3)



HAPPY OCCASION — His recent promotion from the rank of lieutenant to lieutenant commander was a happy occasion for Lt. Aquinas J. Smith, Catholic Chaplain. Shown pinning on his new collar insignia is Mrs. Robert E. Osman, wife of the NWC Protestant Chaplain. The promotion ceremony took place in the office of Rear Admiral Paul E. Pugh (at left), Commander of the Naval Weapons Center.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2069. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employee's present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Test Mechanic (Experimental Mechanical Equipment), WG-5360-11, JD No. 375, Code 5513 — Applications will be accepted from current NWC career or career conditional employees only. Position is located in the Central Engineering Test Branch, Quality Engineering Division of the Engineering Department. Incumbent sets up and operates test equipment on missile and space vehicle structural components. Items tested are missile structural assemblies, wings, guidance structures, fuzes, guidance and acquisition systems. Alters, modifies, repairs and overhauls items under test or producing test conditions. Adaptation to shipboard environment for extended periods of time is required. Minimum Qualification Requirements: Rating will be on the basis of the J-Element Standards in accordance with CSC Handbook X-118C. Job Relevant Criteria: Theory of instruments (electrical and mechanical used in test laboratory and trade practices); technical practices (theoretical, precise, and artistic); ability to use mechanical and electrical drawings; ability to use and maintain hand tools (mechanical work), and the ability to set up and operate test equipment and instrumentation.

Mechanical Engineer, GS-830-7/9, PD No. 7355022, Code 5546 — Applications will be accepted from current NWC career or career conditional employees only. Position is located in the Weapons Center Branch, Flight Engineering Division, Engineering Department. Duties include design engineering for consideration of logistics, shock mitigation, ease of manufacture, and effects of prolonged storage. Sets up procedures for testing and reviews test results. Coordinates preparation and review of documentation on projects assigned. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience or education in packaging engineering including testing techniques. Experience with documentation and reports.

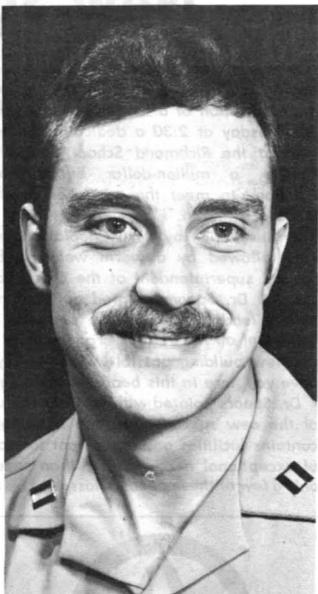
General Engineer, GS-801-12/13, PD No. 855095, Code 5502 — Applications will be accepted from current NWC career or career conditional employees only. Position is that of project engineer for the Sidewinder/Chaparral Program Manager. He responds to requests for technical programs such as guidance control programs, missile components, auxiliary equipment and support functions. Incumbent maintains close liaison with contractors, NAVAIR, and other Naval facilities. Incumbent generates design improvements to upgrade missile performance and reduce production costs. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in design development or testing of missile systems. Capability in dealing with contractors and military activities. Experience or education in both electronics, mechanical or electromechanical areas.

Electronics Engineer, GS-855-9/11 or 12, PD No. 4955027, Code 5525 — Applications will be accepted from current NWC career or career conditional employees only. Position is located in the Weapons Center Branch, Flight Engineering Division of the Engineering Department. Incumbent is responsible for the design, analysis and fabrication of analog and digital prototype hybrid microcircuits. These microcircuits are used in a variety of missile guidance, control, target detection, telemetry and test equipment systems developed by the Center. Job Relevant Criteria: Experience in design and analysis of a variety of digital and analog circuits for missile systems. Some familiarity with current Center development projects. Microelectronic design experience can be obtained on the job. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Wilma Smith, Bldg. 34, Rm. 204, Ph. 2925. Electronics Engineer, GS-855-9, Pos. No. 7333004, Code 5371 — This position is located in the Engineering Division, Fuze Department. Incumbent designs and develops conventional electronic equipment, test sets, circuits and fuzes, designing with digital and linear integrated circuits. Plans and conducts fact-finding tasks involved in electronic engineering projects, including field and laboratory testing of equipment. Design tasks involve working with temperature, vibration and missile environmental factors. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Experience in electronic circuit design. Ability to perform electronic packaging designs.

Supervisory Supply Technician, GS-2005-4/7, Pos. No. 7425001, Code 25924 — This position is located in the Material Expediting and Follow-up Section, Receiving Branch, Material Division, Supply Department. Incumbent supervises the Section which is responsible for expediting commercial and government orders; research and investigation of unidentified shipments; and establishing, maintaining and completion of DCASR administered contracts. Incumbent plans, manages and analyzes work functions; maintains liaison with vendors and analyzes their performance; and has full supervisory responsibility for section personnel. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Comprehensive knowledge of supply procedures and administration, and contract procedures. Ability to analyze problems; and coordinate work functions. Ability to deal effectively with customers and vendors.

Mechanical, Electronics or General Engineer, GS-830-7/9 or 801-12/13, PD No. 7433003, Code 3351 — This position is located in the Project Engineering/Flight Support Branch, Electromechanical Division, Fuze Department. Incumbent participates in the design of safety-arming devices, fuzes and fuse triggering devices. Conducts studies for solution of production problems with contractors and analysis for malfunctions reported by the fleet or observed prior to or during production. Prepares designs to solve problems associated with new and unique ordnance components and evaluates experimental models. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Experience in design and construction of equipment for aircraft installation. He must be experienced in and thoroughly familiar with the safety requirements and installation procedures used at NAF. He must also be thoroughly familiar with NWC shop procedures, scheduling requirements, and capabilities. He must have demonstrated the ability to use these facilities to complete tasks in a timely and efficient manner. Experience in the utilization and capabilities of machine shop and sheetmetal tools is desirable.



LT. RANDALL A. FOLTZ has reported aboard the Center recently to assume the duties of Line Division Officer at the Air Test and Evaluation Squadron Five. The five-year Navy veteran came to China Lake from Attack Squadron 165 at Whidby, Island, Wash. A graduate of the University of Illinois, in Urbana, with a bachelor's degree in history, Lt. Foltz took his officer's training at Pensacola, Fla., then received his wings at Beeville, Tex. His wife, Gillian, whom he met in Hong Kong while he was on cruise, resides with him on the Center. Lt. Foltz enjoys hunting, fishing and the outdoors.

Health Insurance Sometimes Covers Children Over 22

In some cases, unmarried children over 22 are still included in health insurance coverage. The NWC Employee Management Relations Division reminds employees that the health benefits law provides for health insurance coverage in an employee's family enrollment for any unmarried children over age 22 who are incapable of self-support because of physical or mental incapacity that existed previous to their 22nd birthday.

An employee wishing to have a child's coverage on his health insurance continued on this basis should submit a medical certificate to the Employee Management Relations Division, Code 651, at least 30 days before the child reaches age 22.

The medical certificate must include the following information: The name of the child; The nature of the disability; The period of time the disability has existed; The probable future course and duration of the disability; and the doctor's name and address.

Employees having further questions on this procedure may contact Nancy Cleland, NWC ext. 2018 or 2348.

Evening High School Classes Now Offered

The Burroughs High School Campus is offering an evening high school, starting Jan. 28 through June 7.

These evening classes will be held at the Burroughs High School from 6:30 p.m. to 9:30 p.m., Monday through Thursday.

Registration for each class will take place at the first class meeting.

For more information contact Dr. Sanson, Ext. 375-4511, Monday through Thursday from 6 p.m. to 9 p.m.



NEW PATROL CAR — China Lake Police Chief Steve Kaupp (l.) looks over a newly converted sedan-type patrol car, delivered to the Security Department this past week. Three such cars in all will be converted from used government sedans by the Public Works Department. The sedans are fully equipped as any other standard police car and will carry communications gear, shotguns and will include a prisoner screen between the front and back seats. According to Chief Kaupp, it has been the experience of Naval Weapons Center police officers that such a vehicle was sorely needed locally. "We have a unique law enforcement situation here," Kaupp said, "and we have demonstrated a need for these cars." The pick-up trucks formerly used for patrolling the central Center area will continue to be used.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

CSC Handbook X-118. Job Relevant Criteria: Experience in the planning, procuring, production and testing of electromechanical devices for guided missiles. Knowledge of engineering materials and fabrication processes for making ordnance devices. File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ext. 3371.

Housing Project Manager, GS-1173-11, PD No. 7470004, Code 7891 — incumbent serves as Branch Head and Deputy Division Head. Maintains surveillance over all housing maintenance and repairs, determines the extent of rehab to vacant units, develops short and long range maintenance requirements and repairs and improvement programs, conducts tenant check in and check out, prepares budget requirements and monitors expenditures, supervises tenant improvement projects, operates tenant self-help program. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in design development or testing of missile systems. Capability in dealing with contractors and military activities. Experience or education in both electronics, mechanical or electromechanical areas.

Supervisory Air Test Operations Specialist, GS-301-12, PD No. 7435000, Code 3551 — This position is that of Head, Program Management Group, Code 3551, Countermeasures Division, Electronic Systems Department, located at the Electronic Warfare Tactical Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. The incumbent will coordinate the functions of this office, which include planning, coordinating, budgeting, and scheduling of the EWTES range and aircraft. He will work in close cooperation with users of the range in order to insure their requirements can be met effectively. He will provide immediate supervision for approximately four engineers, two technicians, and one air test controller. During operational range tests, the incumbent will assume the role of test conductor. As such, he must be able to interpret complex electronic display information concerning radar tracking and digital computer performance, and aircraft trajectory data. He must be able to exercise sound judgment of range systems operations from these displays and react in real time to the data available for prosecution of test objectives. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have a complete knowledge of the operational capabilities of the EWTES facility and of airborne systems. Must be capable of conducting complex operational range tests involving state-of-the-art ECM systems. Experience in planning ECM tests is desirable. Advancement Potential: GS-12 may advance to GS-13 based upon job content and demonstrated ability to perform at that level.

Engineering Technician, GS-802-9, PD No. 7435001, Code 3542 — This position is located in the Microwave Systems Branch of the Electronic Warfare Division of the Electronic Systems Department. The incumbent designs and constructs mechanical components and structures for aircraft and ground installation of microwave and electronic components. He packages electronic and microwave components. He coordinates activities of vendors and NWC shops. He also coordinates with other facilities the availability of aircraft, installation dates, safety board meetings for flight approval of newly designed hardware, executes and directs installation. The incumbent also participates in data reduction and execution of flight and flight tests. He is also required to supervise junior technicians. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have extensive experience in the design and construction of equipment for aircraft installation. He must be experienced in and thoroughly familiar with the safety requirements and installation procedures used at NAF. He must also be thoroughly familiar with NWC shop procedures, scheduling requirements, and capabilities. He must have demonstrated the ability to use these facilities to complete tasks in a timely and efficient manner. Experience in the utilization and capabilities of machine shop and sheetmetal tools is desirable.

Electronics Technician, GS-856-9, 10 or 11, PD No. 7435003, Code 3556 — This position is located in the Surface Threat Development Branch, Countermeasures Division, Electronic Systems Department. Major responsibilities of the branch are providing engineering and technical support to the research and development of threat radar simulators. The incumbent of this position will design hybrid analog and digital display and auto-track circuits for radar system. He will design and interface circuits between different radar systems and a mini-computer. Provides supervision over lower level technicians and circuit designers. Programs the PDP-11/40 mini-computer and provides training for other personnel in the programming of this computer. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent of this position must be experienced in circuit designing and mini-computer or closely related areas. He must be able to express himself well, both orally and in writing.

File applications with Dora Childers, Rm. 210, Code 457, Ph. 2022.

Supervisory Air Test Operations Specialist, GS-301-12, PD No. 7435000, Code 3551 — This position is that of Head, Program Management Group, Code 3551, Countermeasures Division, Electronic Systems Department, located at the Electronic Warfare Tactical Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. The incumbent will coordinate the functions of this office, which include planning, coordinating, budgeting, and scheduling of the EWTES range and aircraft. He will work in close cooperation with users of the range in order to insure their requirements can be met effectively. He will provide immediate supervision for approximately four engineers, two technicians, and one air test controller. During operational range tests, the incumbent will assume the role of test conductor. As such, he must be able to interpret complex electronic display information concerning radar tracking and digital computer performance, and aircraft trajectory data. He must be able to exercise sound judgment of range systems operations from these displays and react in real time to the data available for prosecution of test objectives. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have a complete knowledge of the operational capabilities of the EWTES facility and of airborne systems. Must be capable of conducting complex operational range tests involving state-of-the-art ECM systems. Experience in planning ECM tests is desirable. Advancement Potential: GS-12 may advance to GS-13 based upon job content and demonstrated ability to perform at that level.

General, Mech., or Elec Engineer; Engr., Mech. Engr. or Elec. Tech. GS-11/12, Code 3712, No. 7437007 — Position is that of Hangar Deck Supervisor in the Airborne Installation Branch of the Test and Evaluation Department. Incumbent supervises the operation of the Hangar Deck, East Bay of Hangar No. 3. Monitors all aircraft project work in the Hangar and insures that aircraft modifications and installations comply with established military specifications and safety procedures. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in installation of aircraft systems. Familiarity with aircraft quality control procedures and methods. Ability to direct personnel.

Supervisory Aerospace Engineer, GS-861-13, Code 5111, PD No. 7351144 — The incumbent is branch head, Aircraft Survivability Branch, Weapon System Division, Systems Development Department. As branch head, the incumbent provides technical and administrative supervision and leadership to a group of scientists, engineers, and technicians involved in the management of survivability programs and conducting of tests and evaluations and preliminary designs of systems or subsystems to reduce the vulnerability of aircraft to weapons in their environment. The Branch also recruits and markets new survivability projects. Job Relevant Criteria: Demonstrated leadership and supervisory capability. A minimum of six years experience in design, fabrication, and testing of aircraft survivability equipment. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Engineer, GS-855-11/12, Code 5114, PD No. 7351143 (2 vacancies) — This position is in the Advanced Systems Branch, and is part of a new group to work on Advanced RF Technology for Missile Guidance. The incumbent will conduct exploratory development and state-of-the-art design with emphasis on integrated circuits for missile microwave seekers, ECCM, tracker, and signal processing. Evaluation of prototype systems and components, and analyses of new ideas and proposals will be required. Need to be curious and interested in new concepts and novel approaches to solve missile guidance problems. Job Relevant Criteria: Ability to perform or direct design of integrated circuits, and evaluate new components or subsystem. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Clerk (Typing), GS-301-5, PD No. 030002, Code 513 — Incumbent is secretary to Head, Assessment Division. She receives telephone calls and visitors, types official letters, memorandums and technical reports from handwritten drafts, and maintains files, etc. Job Relevant Criteria: Must be a proficient typist capable of proofing correspondence and technical reports. Experience in typing mathematical equations and using the IBM magnetic card selective typewriter is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Please file applications with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Clerk-Typist, GS-322-4, PD No. 7484000, Code 8112 — This position is located in the Visitor Control Branch of the Security Department. Incumbent processes all NWC travelers' visit requests and message notifications based on security regulations, maintains records of all travelers' visit security clearances, processes foreign visit security applications. Must be proficient typist.

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

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ext. 3371.

Housing Project Manager, GS-1173-11, PD No. 7470004, Code 7891 — incumbent serves as Branch Head and Deputy Division Head. Maintains surveillance over all housing maintenance and repairs, determines the extent of rehab to vacant units, develops short and long range maintenance requirements and repairs and improvement programs, conducts tenant check in and check out, prepares budget requirements and monitors expenditures, supervises tenant improvement projects, operates tenant self-help program. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in design development or testing of missile systems. Capability in dealing with contractors and military activities. Experience or education in both electronics, mechanical or electromechanical areas.

Supervisory Air Test Operations Specialist, GS-301-12, PD No. 7435000, Code 3551 — This position is that of Head, Program Management Group, Code 3551, Countermeasures Division, Electronic Systems Department, located at the Electronic Warfare Tactical Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. The incumbent will coordinate the functions of this office, which include planning, coordinating, budgeting, and scheduling of the EWTES range and aircraft. He will work in close cooperation with users of the range in order to insure their requirements can be met effectively. He will provide immediate supervision for approximately four engineers, two technicians, and one air test controller. During operational range tests, the incumbent will assume the role of test conductor. As such, he must be able to interpret complex electronic display information concerning radar tracking and digital computer performance, and aircraft trajectory data. He must be able to exercise sound judgment of range systems operations from these displays and react in real time to the data available for prosecution of test objectives. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have a complete knowledge of the operational capabilities of the EWTES facility and of airborne systems. Must be capable of conducting complex operational range tests involving state-of-the-art ECM systems. Experience in planning ECM tests is desirable. Advancement Potential: GS-12 may advance to GS-13 based upon job content and demonstrated ability to perform at that level.

Engineering Technician, GS-802-9, PD No. 7435001, Code 3542 — This position is located in the Microwave Systems Branch of the Electronic Warfare Division of the Electronic Systems Department. The incumbent designs and constructs mechanical components and structures for aircraft and ground installation of microwave and electronic components. He packages electronic and microwave components. He coordinates activities of vendors and NWC shops. He also coordinates with other facilities the availability of aircraft, installation dates, safety board meetings for flight approval of newly designed hardware, executes and directs installation. The incumbent also participates in data reduction and execution of flight and flight tests. He is also required to supervise junior technicians. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have extensive experience in the design and construction of equipment for aircraft installation. He must be experienced in and thoroughly familiar with the safety requirements and installation procedures used at NAF. He must also be thoroughly familiar with NWC shop procedures, scheduling requirements, and capabilities. He must have demonstrated the ability to use these facilities to complete tasks in a timely and efficient manner. Experience in the utilization and capabilities of machine shop and sheetmetal tools is desirable.

Electronics Technician, GS-856-9, 10 or 11, PD No. 7435003, Code 3556 — This position is located in the Surface Threat Development Branch, Countermeasures Division, Electronic Systems Department. Major responsibilities of the branch are providing engineering and technical support to the research and development of threat radar simulators. The incumbent of this position will design hybrid analog and digital display and auto-track circuits for radar system. He will design and interface circuits between different radar systems and a mini-computer. Provides supervision over lower level technicians and circuit designers. Programs the PDP-11/40 mini-computer and provides training for other personnel in the programming of this computer. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent of this position must be experienced in circuit designing and mini-computer or closely related areas. He must be able to express himself well, both orally and in writing.

File applications with Dora Childers, Rm. 210, Code 457, Ph. 2022.

Supervisory Air Test Operations Specialist, GS-301-12, PD No. 7435000, Code 3551 — This position is that of Head, Program Management Group, Code 3551, Countermeasures Division, Electronic Systems Department, located at the Electronic Warfare Tactical Environment Simulation (EWTES) facility in the Randsburg Wash Test Area. The incumbent will coordinate the functions of this office, which include planning, coordinating, budgeting, and scheduling of the EWTES range and aircraft. He will work in close cooperation with users of the range in order to insure their requirements can be met effectively. He will provide immediate supervision for approximately four engineers, two technicians, and one air test controller. During operational range tests, the incumbent will assume the role of test conductor. As such, he must be able to interpret complex electronic display information concerning radar tracking and digital computer performance, and aircraft trajectory data. He must be able to exercise sound judgment of range systems operations from these displays and react in real time to the data available for prosecution of test objectives. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have a complete knowledge of the operational capabilities of the EWTES facility and of airborne systems. Must be capable of conducting complex operational range tests involving state-of-the-art ECM systems. Experience in planning ECM tests is desirable. Advancement Potential: GS-12 may advance to GS-13 based upon job content and demonstrated ability to perform at that level.

General, Mech., or Elec Engineer; Engr., Mech. Engr. or Elec. Tech. GS-11/12, Code 3712, No. 7437007 — Position is that of Hangar Deck Supervisor in the Airborne Installation Branch of the Test and Evaluation Department. Incumbent supervises the operation of the Hangar Deck, East Bay of Hangar No. 3. Monitors all aircraft project work in the Hangar and insures that aircraft modifications and installations comply with established military specifications and safety procedures. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in installation of aircraft systems. Familiarity with aircraft quality control procedures and methods. Ability to direct personnel.

Supervisory Aerospace Engineer, GS-861-13, Code 5111, PD No. 7351144 — The incumbent is branch head, Aircraft Survivability Branch, Weapon System Division, Systems Development Department. As branch head, the incumbent provides technical and administrative supervision and leadership to a group of scientists, engineers, and technicians involved in the management of survivability programs and conducting of tests and evaluations and preliminary designs of systems or subsystems to reduce the vulnerability of aircraft to weapons in their environment. The Branch also recruits and markets new survivability projects. Job Relevant Criteria: Demonstrated leadership and supervisory capability. A minimum of six years experience in design, fabrication, and testing of aircraft survivability equipment. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Engineer, GS-855-11/12, Code 5114, PD No. 7351143 (2 vacancies) — This position is in the Advanced Systems Branch, and is part of a new group to work on Advanced RF Technology for Missile Guidance. The incumbent will conduct exploratory development and state-of-the-art design with emphasis on integrated circuits for missile microwave seekers, ECCM, tracker, and signal processing. Evaluation of prototype systems and components, and analyses of new ideas and proposals will be required. Need to be curious and interested in new concepts and novel approaches to solve missile guidance problems. Job Relevant Criteria: Ability to perform or direct design of integrated circuits, and evaluate new components or subsystem. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Clerk (Typing), GS-301-5, PD No. 030002, Code 513 — Incumbent is secretary to Head, Assessment Division. She receives telephone calls and visitors, types official letters, memorandums and technical reports from handwritten drafts, and maintains files, etc. Job Relevant Criteria: Must be a proficient typist capable of proofing correspondence and technical reports. Experience in typing mathematical equations and using the IBM magnetic card selective typewriter is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Please file applications with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Clerk-Typist, GS-322-4, PD No. 7484000, Code 8112 — This position is located in the Visitor Control Branch of the Security Department. Incumbent processes all NWC travelers' visit requests and message notifications based on security regulations, maintains records of all travelers' visit security clearances, processes foreign visit security applications. Must be proficient typist.

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

Employee In The Spotlight

Ray Blume was a "reluctant transferee" when the Fuze Department switched operations from Corona to China Lake. "My family had lived in the same home in Riverside for 13 years and I was involved as an organist and choir director at the Magnolia Presbyterian Church, in Riverside, so we were not happy about the move," he explained.

"We were sure we wouldn't like the area," Ray continued. "In the past four years, Ruth and I have fallen in love with the area. So much so that one of our principal pastimes is sightseeing. We've been all over and one of our greatest pleasures is scouring the countryside when the wildflowers are blooming," he added.

Ray is not the sort of person to remain idle. In addition, he is a very practical person. Born in Corona, Ray was graduated from Riverside Polytechnic High School and promptly entered the U.S. Air Force. Following his discharge in 1952, he entered Riverside City College where he studied for two years. Then he went on to Covina Baptist College, in Covina, and earned a BA degree in sacred music.

Switched to Mathematics

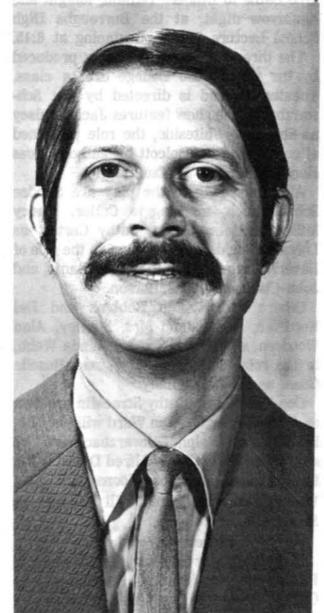
"I found out that I couldn't make much of a living in the music field, so I switched to mathematics and attended the University of California at Riverside, where I earned a BS degree in math," Ray pointed out. In 1958 he joined the Fuze Department's Systems Analysis Branch at Corona. In October 1969, the Blumes came to China Lake. About one month ago, Ray was designated the acting head of the branch.

Some of the projects for which Ray has performed Systems Analysis on fuzes include Phoenix, Sidewinder, Sparrow, AGILE, and Chaparral.

Second Career

Ray's love of music has amounted to nearly a second career. He served as an organist and choir director for many years in the Riverside and San Bernardino areas. Since coming to China Lake he taught choir at Cerro Coso Community College for two years and has shared organist duties at the All Faith Chapel with Joan Fowler.

Ray began to study the organ during his



Raymond E. Blume

second year of college. As a child he had studied the piano for a while, but is mostly self taught.

Musical Highlight

"One of the highlights of my musical life occurred last year when I directed the combined choirs of the college, the chapel and the Grace Lutheran Church for the Christmas Cantata," Ray said. "We packed the chapel for that one," he added. Ray also directed the three choral groups in a performance of "Seven Last Words of Christ," a major work by DuBois.

For the past few years, Ray has also served as an advisor to the NWC Chaplain on engaging organ recitalists in the local area. Ray has been a member of the American Guild of Organists for the past 10 years, including a stint as treasurer of the San Bernardino chapter. Through that organization he has become familiar with many of the great organists in the Southland.

Ray's wife, Ruth, shares his interest in music. She is a cellist and plays in the local Desert Community Orchestra. The couple has three children — Mary, 14, Ben, 12, and Tom, 10. Mary plays the violin, guitar and piano and is a member of the Burroughs High School orchestra and choir. Ben enjoys listening to popular music and Tom fills his time by competing in athletics.

Ray and Ruth are enrolled in a class in conversational Spanish at Cerro Coso. "We spent five weeks in Mexico last year and plan to go again, so we decided to learn as much about the language as we could," Ray explained. The Blumes have a cabin in the San Bernardino Mountains where they escape to when they want to "get away from it all." "Of course, the energy crisis has curtailed a lot of that," Ray smiled.

Flu Shots Offered At NWC Dispensary

Free influenza inoculations will be offered military personnel and their dependents over 10 years of age and China Lake Civil Service employees on Jan. 24, between the hours of 8 a.m. and 4 p.m. at the NWC Dispensary, Ward 1.

Civil Service employee dependents are not eligible for inoculations. Employees will be granted time from work for the inoculations. Persons allergic to chickens, eggs, or feathers will not be inoculated.

The Rocketeer

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China Lake, California

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DEADLINES: Tuesday, 4:30 p.m.
Wednesday, 11:30 a.m.
Friday 1st and 3rd ONLY
Sabbath Services
Sabbath School

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL

UNITARIANS
CHAPEL ANNEX 95
Services

Phones 3354, 3355, 2247 Sunday



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Wednesday Noon Bible Study 1130
Sunday School Classes are held in Chapel Annexes 1, 2, 4
(Dorms 5, 6, 8) located opposite the Center Restaurant.
Communion Service first Sunday of the month.

ROMAN CATHOLIC

MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL

MASS
Daily except Saturday 1135
First Friday only 1135 1700

CONFESIONS

Saturday 1545 to 1645
Sunday 0800 to 0825

CCD CLASSES

Sunday Kindergarten thru 6th grades 1015
Wednesday Seventh and 8th grades 1900
Above classes are held in Chapel Annexes across from Center Restaurant.
As announced Ninth thru 12th grades
"In Home" Discussion Groups
Monthly Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES

Sabbath Services 2000
Sabbath School 0900

UNITARIANS

CHAPEL ANNEX 95
Services 1930

(Continued on Page 7)

Edwards Cagers Defeat Norton For MDISL Title

The cage team from Edwards Air Force Base defeated the hoopsters from Norton AFB, 98-86, to take home the crown in the 1974 MDISL Basketball Tournament, conducted this past weekend at the NWC gymnasium.

The host team from China Lake was eliminated after the second round of play, losing first to the Los Angeles Air Force Station quintet, 89-71, and then dropping a decision to Norton AFB, 79-74, in a closely-contested match.

"I feel our team made an excellent showing, considering they haven't played together nearly as much as the winners and also considering that the NWC team has not got a full time coach," said Marty Denkin, who has been handling the coaching chores for the local cagers.

Edwards defeated George AFB, 81-65, then knocked over Norton by a score of 91-79. On Saturday, they defeated a strong Los Angeles AFS team by 14 points, winning 96-82, to get into the finals against Norton.

Norton played five games before reaching the finals, due to a loss against Edwards on Friday. On the opening day the Norton hoopsters defeated 29 Palms MCB, 115 to 93. On Friday they were beaten by Edwards but bounced back to narrowly defeat China Lake, 79-74.

On Saturday, with still one loss, Norton edged 29 Palms, 100-92, and then squeaked by LAAFS, 116-114.

Al Beard, who played for 29 Palms, was the leader in the points average per game statistics. He sank 129 points in four games to average 32.2 per game. Ray Broussard, of Barstow, was close behind with a 30 points per game statistic. Ron Black led local scorers, sinking 40 points in two games for a 20 point average.

The victory by Edwards put them on top of the current MDISL standings with 25 points. Norton ranks second with 23.5 points and 29 Palms is third, tallying 23 points. China Lake has 20.5 points for the two sports played - basketball and flag football.

Gym Teams To Meet

Two meets will keep local gymnasts busy next Friday and Saturday, Jan. 25 and 26. An intersquad meet, scheduled for 4 p.m. Friday in Joshua Hall, will precede a five-school invitational meet on Saturday morning at 10. Local youngsters participating in these meets are members of the Ridgecrest Recreation Department gymnastics program.



MDISL OPENING GAME — Benny McCargo (No. 15) drives for a basket while Izzy Washington, forward for the Los Angeles Air Force Station's cage team, goes up into the air to stop the shot. The two men were photographed in this ballet-like sequence during the opening game of the MDISL basketball tournament staged last Friday, Saturday and Sunday at the Center gymnasium. NWC was eliminated after losing to LAAFS and Norton AFB.

Hunter Safety Course Planned By Sierra Desert Gun Club

Staff members of the Sierra Desert Gun Club Basic Rifle Marksmanship School met Tuesday night to complete the plans for the annual Basic Rifle Marksmanship and Hunter Safety course.

Students 10 thru 70 are eligible for enrollment but those 10 and 11 years of age will be accepted at the discretion of the Saturday, Jan. 26 at the Clubhouse at the Naval Weapons Center, between 11 a.m. and 3 p.m. All residents of the Indian Wells Valley are eligible to take the course. Classes will be held every Sunday afternoon for 12 weeks beginning Jan. 27 at 1:30 p.m. Target rifles ammunition, targets and other equipment will be furnished by the club, and targets furnished by the 12 to 17 year old participants will be eligible for NRA and Director of Civilian Marksmanship classifications and awards. Students may use personal rifles judged suitable for the

course of instruction. A free firearm safety inspection by Club experts will be offered on registration day. Fees cover the cost of ammunition, targets and awards and are \$12.50 for ages 10 thru 17 (includes required Club Membership), and \$15 for those 18 and over (does not include membership), and \$2.00 for adults auditing the course (no shooting). Enrollment is limited to 50 students.

Rabies Clinic Set At Firehouse 1 Friday, Jan. 25

The Kern County Health Department will hold a vaccination clinic for rabies at the NWC Fire House No. 1 from 11 a.m. to 1 p.m. and from 2 to 7 p.m. Friday, Jan. 25.

All dog owners living in the area are urged to obtain 1974-75 rabies vaccinations and/or license tags for their pets at this clinic. Dr. Owen A. Kearns, County health officer, has pointed out that all dogs four months of age and older are required under a county ordinance to be vaccinated every two years with the two-year vaccine and are to be licensed at the same time.

Kern County is considered a "rabies area" by the State Health Department as a result of positive diagnosis of rabies in wildlife in the county.

'Military Days' To Be Held At Busch Gardens

Busch Gardens, Los Angeles, will have a "Military Days" event for two consecutive weekends, on Jan. 19 and 20, and the following weekend, Jan. 26 and 27, from 10 a.m. to 6 p.m.

For those wishing to stay overnight in the valley, the following hotels will be offering a discounted rate to "Military Days at Busch Gardens" visitors:

Valley Hilton, (213) 981-5400; Van Nuys Holiday Inn, (800) 453-5555 (toll free).

For further information and tickets contact Art Amos at the Community Center, Ext. 2010.



By Jack Lindsey

"Visitors love to come to China Lake to compete," said Marty Denkin, NWC's volatile and energetic athletic director. "Not only do they appreciate the first-class officiating found here, but they are in love with the China Lake fan. They especially like the way local people pick up a visiting team and root for them after the local team has been eliminated from competition," he added.

Officiating 'Best'

Gee, these must be different fans than those that go out to the softball games. However, I will agree with one thing, the officiating at China Lake is the very best. Also, one thing that is overlooked when people go to praising about our local fans. The ARE interested. They usually turn out in droves to tournaments being held locally. And basketball was no exception.

The gymnasium was packed most of the time. This must be very gratifying to Gabe Imer and Denkin to know that all the hard work put into preparing for tournaments of this type is appreciated by the spectator.

Excuses Not Needed

A lot of excuses were offered to me as why the local team failed to win anything in the MDISL tournament. Judging by what I saw on the courts, the talent available on some of the other teams was outstanding, and I don't feel that any excuses need be worded. Our boys did fine, they were just outclassed.

The NWC cagers made a run at Norton and might have won if they had gotten a few more breaks. Our guys played great and I think that they should get a big hand.

Lots of Spirit

Denkin and John Shoaf, the new NWC Recreation Director, have promised to take a "hard look" at the local Varsity basketball program next year in an attempt to field a better, more practiced team. When you look, Marty, look closely at their spirit. Try to find a team with as much as what we had this year.

Women's City Bowling Tourney Set For February

The annual city tournament of the Indian Wells Valley Women's Bowling Association will be held on Feb. 9, 10, 16 and 17. Team events will be rolled at Hall Memorial Lanes on Feb. 9 and 10, while doubles and singles will be bowled at the Ridgecrest Bowl on the final weekend.

Entries will close on Jan. 20. Entry fee is \$4.10 per bowler, per event, plus an additional \$2.10 for the all events category. Entry fees must accompany the entry blank.

This will be a handicap event with a two-thirds of average handicap being applied in all of the events.

Entry blanks and a complete list of rules are available at both bowling establishments.

Outlook Conference...

(Continued from Page 1)

Howard M. Lane, commander of the Edwards Air Force Base Flight Test Center; Robert T. Howard, president of the Southern California Visitors Council and general manager of KNBC; Kenneth M. Wegis of Buttonwillow's Ken O Farms; Dean Laudeman, district manager for exploration of the Union Oil Company of California; Conrad C. Jamison, vice president and economist of the Security Pacific National Bank; and Buck Owens of Buck Owens Enterprises.

Keynote Address

A keynote luncheon address will be given by one of the nation's top young automobile industry executives. C. R. "Dick" Brown, vice president and general manager of Mazda Motors of America, Inc., will present an authoritative assessment of national

economic prospects and challenges facing the business community. Topic of Brown's talk will be "The Consumer's Alternative for 1974."

The conference will begin at 8:30 a.m., with coffee and rolls and a chance for conferees to meet the speakers. The morning session, at 9:45, will be devoted to assessments of future prospects in agriculture, minerals, tourism, construction, and other facets of the county's economy. RAdm. Pugh, representing a major contributor to the economy of Kern County, will provide important input on the Navy's premier research and development facility.

A no-host reception at 11:45 a.m., will be followed by the keynote luncheon session, at 12:30 p.m. The conference is expected to adjourn at 2:15 p.m.

CENTER HAPPENINGS

Dr. Guy W. Leonard, head of the Propulsion Development Department and leader of the Total Energy Community (TEC) program at NWC, will discuss the new program at the January meeting of the Institute of Electrical and Electronics Engineers (IEEE).

The meeting will be held on Jan. 28 at the Commissioned Officers' Mess from 11:30 a.m. to 1 p.m.

The TEC program is a plan to ultimately supply through use of local resources all the energy needs of the community. For this concept to be a practical consideration, working models of sufficient size must be put into operation so that the economics and technical feasibility of the demonstration can be measured and evaluated. The Naval Weapons Center is proposed as a location and as a system integration team to demonstrate TEC. The alternate energy resources which will be utilized are solar, wind, geothermal and solid waste. Visitors are welcome.

AAUW To Meet

A local expert on petroglyphs will present a talk and slide show at the January meeting of the American Association of University Women on Tuesday.

Ken Robinson, a long-time resident of the desert and a director of the Maturango Museum, will give the talk. Head of the Technical Information Department for 17 years, Robinson has been a consultant for the Navy since his 1971 retirement.

Following a short business meeting at 7:30, the program will begin at 8 p.m. Husbands of members, friends, and others interested in the petroglyphs are invited to attend.

Dee's Coiffures Opens

The NWC Employee Services Board announces that the beauty shop at Bennington Plaza is now being run by Dee's Coiffures, under owner-manager Dolores Ann Geheb.

Hours of operation for this service are 8 a.m. to 6 p.m. on Monday, Tuesday, Wednesday, and Friday. On Thursday, the beauty shop stays open an additional three hours, closing at 9 p.m. On Saturday, hours are from 9 a.m. to 5 p.m. Appointments may be made by phone, 446-6506.

AIAA Slates Meeting

Account Executive John G. O'Sullivan of Merrill, Lynch, Pierce, Fenner and Smith, Inc., will speak to the local chapter of the American Institute of Astronautics and Aeronautics at a luncheon meeting on Wednesday. O'Sullivan will speak on stock portfolios and wise stock purchases, both for speculative and investment purposes. He will emphasize the realities of the market today. Title of his talk will be "Stock Market '74."

The meeting will be held at 11:30 in the Sun Room of the Officers' Club.

Gift Wrapping Service

Once again this past holiday season, the NAF and VX-5 officers' wives operated their gift-wrapping service at the Navy Exchange



HONORED BY WACOM — Throughout the year many persons in the Women's Auxiliary of the Commissioned Officers' Mess donate time and talent to the operation of the WACOM Thrift Shop. Earlier this week, nine such volunteers were presented certificates by WACOM for their service. Leroy Riggs (c.) NWC's Acting Technical Director, made the presentations to (l.-r.): Inez Lebsack, Clare Hunter, Lucille Becroft, Reba Alger, Kay Joseph and Lou Hillyer. Mrs. Joseph and Mrs. Hillyer received chairman certificates while the rest were given 20-hr. certificates. Not present for the ceremony and also receiving 20-hr. certificates were Carole Anderson, Barbara Meggers and Polly Shepard.

ASPA To Discuss Medical Facilities

A panel discussion concerning the medical facilities in the Indian Wells Valley will highlight the Jan. 23 meeting of the American Society for Public Administration (ASPA), scheduled for 8 p.m. at the Burroughs High School Lecture Center.

Sitting on the panel are LCdr. James J. Mason, head of the Administrative Services Division of the NWC Dispensary, Ray W. Van Aken, chairman of the Ridgecrest Community Hospital's board of directors, and James Adair, executive director of the Central California Comprehensive Health Planning Agency.

ASPA is presenting this program to

provide insights concerning available and planned medical facilities in this community and how hospital planning is coordinated for the area.

Admission is free of charge.

Jim Heck To Leave

ASPA is also sponsoring a get-together prior to the panel discussion to honor Jim Heck, departing Ridgecrest City Administrator. The going-away party will be at the Commissioned Officers' Mess from 4:30 to 6 p.m. on Jan. 23.

Persons who desire more information may call Jeffrey D. Grossman, president of the China Lake Chapter of ASPA, at NWC ext. 2596.

Inyokern Intercept Coming Soon

One thing this area has plenty of is sky-blue expanses above the Indian Wells Valley will be filled with action and color when third Annual Inyokern Intercept comes to the Inyokern Airport a week from tomorrow.

A host of renowned pilots will donate their skills to bring in funds for the Marine Guide Dog for the Blind program. The High Desert Detachment of the Marine Corps League is sponsoring the spectacular air show and the other planned events of the day.

Famous Pilots Featured

Famous for their appearances at numerous air shows, and on the

"Thrillseekers" television program, Bob Hoover, Mira Slovak, Ken Brock and Bill Porter are among the scheduled air stars. Other skilled pilots scheduled to perform are Gerry Massey, Cliff Anderson, Jim Barnard, Pat Hines, Jim Lasley, Al Newell, Bob Guilford and Clay Lacy.

Other Scheduled Events

Among other events scheduled are balloon flights, scheduled at 9 a.m., piloted by Ted Farrell and Joe Sloan. A Testor Corp. exhibition of control-line flying of model planes is scheduled at 10 a.m. Testor's will also offer a free model flying school, and a drawing for one of their famous model

airplanes.

At 10:30, members of the 4-H Guide Dog Club will demonstrate how well their trained guide dogs negotiate an obstacle course. Special displays by a variety of local organizations will also be available for the visitors' inspection.

The air show itself is scheduled to begin at 12 noon. A donation of \$2 per person will be asked for the entire day's events.

Glider Contest

Local youngsters are busily preparing for the hand-launched glider contest, to be held at the air show.

The Marine Corps League reminds would-be aeronautical experts, ages 13 and under, that a special Glider Clinic will be sponsored this Saturday. This clinic, planned to help the youngsters build the best possible gliders, will be held in Bldg. 415, the Marine Corps League clubhouse, located on McIntire Street in China Lake. The clinic will start at 10 a.m.

Youngsters planning to enter the contest may obtain glider kits and entry forms from Phil's Hobby House (located on Panamint St. next to the Swap Sheet Office), Cornelius Shoe Store, and the Gift Mart in Ridgecrest. Contestants will be separated into four age groups: 8 and below, 9 to 10, 11 to 12, and 13. Trophies will be given to the top three contestants in each age group, based on longest times of flight.

Grand Prize Offered

A grand prize, a gas-powered BD-5 airplane model by Testor Corp., will be awarded to the contestant with the overall longest flight time.

The Marine Corps League offers the following hints to contestants: Read the plans thoroughly; Get Dad to help you, if you need it; Use Glu-Bird, Wilhold, Titebond, or model airplane glue, and apply two coats of glue to all joints; and test-fly the glider before the contest.



ALL-MARINE FINAL — Rick Falkner (No. 14) attempts a basket during the finale of the 1st annual China Lake Invitational Basketball Tournament, which concluded last Wednesday. Falkner, who plays for the Camp Pendleton cage team, is defended by Ron Williams (No. 13), a guard for the 29 Palms Marine Corps Base team. The Camp Pendleton squad won the game, 91-51.

Neblett, Lawrence To Sing at Center Theater

On Wednesday, local concert-goers will have an opportunity to hear Carol Neblett, a rising young soprano whose voice has been described by critics as "ample and rich in sheen," "capable of expressing great sentiment and sweetness," and "radiant or velvet, at will."

Miss Neblett will be appearing in Wednesday's concert with Douglas Lawrence, accompanied by pianist Darlene Lawrence (Mrs. Douglas Lawrence). The program will include selections from Handel, Puccini's "Manon Lescaut," Debussy, and Faure.

This second concert of the China Lake Civic Concert Association's 1973-74 season will be held in the Center Theater, beginning promptly at 8 p.m. Tickets for the performance will be available at the door on a first-come, first-served basis. Price will be \$5 for any seat in the house.

Season Tickets Available
Ticket manager Carroll Evans reminds concert-goers that there are still four concerts left in the series and that anyone planning to attend more than two or three of these concerts would still save money by purchasing a season ticket. These tickets, priced at \$18, \$15, and \$12 (\$19, \$7.50, and \$6 for students and enlisted personnel), may be obtained from Evans, phone 446-4182, or from Karl Kraeutle, assistant ticket manager, 446-5143.

Season ticket-holders are looking forward to a varied program, to include Jean-Pierre Rampal, flute, with Veyron-Lacroix, keyboard; P.D.Q. Bach, musical satirist; Kellie Greene, jazz pianist; and Miss Neblett.

Early Start

Anyone who attended the recent highly successful concert by the Roger Wagner Chorale will appreciate in advance the vocal talent of Miss Neblett, for it was with this famed chorus that she got her professional start. Miss Neblett was born into a musical family; her father is an accomplished pianist and her grandmother a renowned violinist.

When she was chosen to represent El Camino College at the annual All-California Junior College Honor Chorus, Miss Neblett earned her first big professional opportunity. Roger Wagner, who was conducting the honor chorus that year in a performance of a Vivaldi Mass, was so impressed with her voice that he signed her

to soloist status with the Roger Wagner Chorale.

Tours of North America, the Middle and Far East and both Eastern and Western Europe resulted in unanimous critical acclaim for the talented soprano. As a result of her meteoric success both as soloist and as concert artist, the youthful Californian was signed by prestigious impresario S. Hurok.

Electrifying Production

Miss Neblett sang several lead roles with the New York City Opera Company; then in 1970 she was chosen to open that opera company's fall season at the Dorothy Chandler Pavilion of the Los Angeles Music Center. This was the electrifying production of Boito's "Mefistofele" that propelled bass-baritone Norman Triplett to international fame. Miss Neblett, singing the important dual roles of Margherita and Elena, achieved a triumph, San Francisco's music critic, Robert Commanday, journeyed south to report on the opera opening and stated, "Carol Neblett created the dual roles beautifully with two totally different yet equally appealing manners—a liquid, dulcet tone for one, a cool, gorgeous elegance for the other."

In March, 1971, Miss Neblett added another triumph to her list of New York City Opera successes when she appeared in the title role of Charpentier's "Louise." Since that time she has followed an ever more demanding schedule, performing in operas, concerts, oratorios and symphonies around the world.

Boy Scouts To Hold Recognition Dinner

The Desert District of the Southern Sierra Council, Boy Scouts of America, will stage a recognition dinner at the Elks Lodge on Feb. 8, beginning at 7:30 p.m.

The purpose of the dinner is to honor those persons in the Desert District who have unselfishly given of their time and talents to further the Boy Scout movement in the local area.

Chief among the awards will be a presentation of the Silver Beaver Award, Boy Scouting's highest civilian award, to Jim Faith.

Tickets, priced at \$5 per person for the dinner, are currently on sale. Person interested in buying tickets should contact Dick Mahan, ext. 3636.



Carol Neblett

Single Admission Tickets on Sale at Box Office --\$5

HAIL AND FAREWELL

For the month of December 1973

NEW ARRIVALS—CIVILIAN
Code 312—William G. Minnis; Code 3312—Francis G. Freyne; Code 3342—Duane M. Pockrandt; Code 3343—Wesley A. Johnson; Code 3553—Douglas O. Blew; Code 4074—Robert F. Westbrook; Code 5302—Carolyn Ogilvie and Bruce A. Simolon; Code 5343—Jack M. Christensen; Code 5532—Kenny B. Foley; Code 5535—William G. Tomaras; Code 5545—Joseph F. Marlin; Code 5586—John W. Dominy; Code 6002—Edith M. James; Code 6521—Janice D. Ireland, Patricia J. Jaime, Andrea M. Keith and Deborah D. Lee; Code 656—Richard M. Sasaki; Code 70411—Wayne A. Sands; Code 70412—Rigoletto Garnica and Ralph H. Jorgensen; Code 70415—Raymond W. Biscalluz and James Harper, Jr.; Code 70421—Dwayne J. Turner; Code 70423—Roger D. Whiddon; Code 70431—Robert P. Vansickle; Code 70433—Frankie D. Petty; Code 70434—Joseph W. Schneider; Code 84213—James H. Crow; Code 8552—Alice E. Griffith and Constance Hall; Code 883—Robert G. Boles.

CIVILIAN—DEPARTURES
Code 01—John T. Hayward and Haskell G. Wilson; Code 12—Milton L. Brown; Code 2542—Gerald C. Roark; Code 2552—Dorothy C. Danley; Code 35121—Everett E. Yelland; Code 3514—Lawrence M. Delancey; Code 3521—Russell M. Lambert; Code 3713—Anthony J. Bachinsky and George E. Barnes; Code 4053—Elizabeth L. Debold; Code 4063—Albert E. Brown; Code 45533—Alfred L. Chize; Code 515—Jeanne A. Thornburg; Code 5523—Steven F. Noyes; Code 5545L—John D. Smith; Code 5555—Robert T. Downing; Code 70412—Ted E. Driggs; Code 70415—Charles R. Ginsburg and Orval H. Huff; Code 70423—Jack E. Ducate; Code 705—Robert H. Jordy, Sr.; Code 70743—Willie H. Jackson and Ray L. Kee; Code 8411—Irene A. M. Hosmer; Code 84213—Louis A. Adams and Frederick B. Byers; Code 8503—Ellen F. Seaton; Code 8517—Theresa J. Easley; Code 8544—Camilla C. Nelson.

NAV OFFICERS
Arrivals—Lcdr. Elwin J. Hayes.
Departures: Lcdr. Larry E. Blöse.
NAF OFFICERS
Arrivals—Lcdr. Gordon M. Williamson.
VX-5 OFFICERS
Arrivals—Lt. Randall A. Foltz and Lt. Douglas W. Lindquist.
Departures: Lcdr. Robert W. Castle.
NAF ENLISTED PERSONNEL
Arrivals—AZAA Gordon R. Gillie, AZAA James W. Barnes, AZ1 Rolle L. Davis, A01 Gary D. Beal.

SD3 Carlito J. Gan and AMHAA James R. Cole. Departures: SN Lorna G. Cotton, ADJAA Kenneth T. Tinker, ADJ3 Gregory A. Gerhart, AE2 Peter L. Germano, HM2 Michael R. England, SA Glendon M. Danielles, ACAN Gregory K. Moore, AA Karen Smith, SAB2 Royce W. Stiles, AT2 Charles C. Temple, III, EN2 Lary E. Hoffeltz, ADJ3 Darrel A. Lampert, RMC James H. Koehler, SA Charles A. Shouse, HM2 Martin L. Flogerzi, HN Michael S. Sylvester, RM3 David W. Heidei, AMEC Robert F. Grant, Jr., AER3 Richard A. Jacobson, ADJ2 Robert G. Burch and AG1 Ralph H. Simmons, Jr.

VX-5 ENLISTED PERSONNEL
Arrivals—AOAA Stephen R. Roseberry, AEC George F. Alexander, PNSA Nina R. Giantz, YN2 Kathleen R. Lair and SR Michael K. Watkins.
Departures: AT3 Glenn S. Lucas and ADJ2 Jeffrey L. Salyers.

MARINE LIAISON OFFICE
Arrivals—Maj. Joseph J. O'Brien.
Departures: Capt. Joseph M. Jwett.

NWC Chapel Presents Well-Known Organist

Alfonso Vega-Nunez, internationally known organist of the famed Cathedral of Morelia, Mexico, will present a concert of Spanish, Mexican, Latin and South American music on Sunday, Feb. 3, at 7:30 p.m. in the All Faith Chapel.

The concert at China Lake will be the beginning of a concert tour across the southern portion of the United States. This will be a unique opportunity for residents of the Valley to hear this great artist.

Make a Pretty Cake

Registration is now being taken at the China Lake Community Center for a seven week series of classes in cake decorating. The classes, to be taught by Rose Marie Suhr, will be held, for beginners, on Wednesdays at 7 p.m., starting Feb. 6, and for advanced cooks on Mondays at 6 p.m.

New Facility...

(Continued from Page 1)
distinguished guests present for the occasion. These included RAdm. Paul E. Pugh, NWC Commander, Mayor Ken Smith of Ridgecrest, NWC Public Affairs Officer Jim McGlothlin, Ernest McCoy, the building's architect, Mrs. Alice Sykes and Russell Giffin of the U.S. Office of Education, Dr. Harry Schwilke of the California Department of Education, Dr. Harry Blair, Kern County Superintendent of Schools, several Kern County school officials connected with special education, and members of the China Lake and Sierra Sands school boards. "All these people have made input into this thing and I'm very proud of the assistance they've given," Pinney said.

Outstanding Job

RAdm. Pugh extended his congratulations to those present on behalf of the Naval Weapons Center. He pointed out that education is really the thing that supports NWC today, since the Center must rely on brain-power to accomplish its mission. He made it clear that the Center is strongly in support of anything that improves quality of education in the valley and concluded his remarks by assuring those present that "I just think you've done an outstanding job."

Dr. Harry Blair represented the county with further congratulatory remarks. He briefly commented on the importance of education to a free country, pointing out that "only in recent history have we really put into practice our firm conviction that education is for every person in this free country."

The formal part of the program concluded with a capsule history of special education in Indian Wells Valley by Mrs. Doris Hammer, clerk for the Sierra Sands Board of Trustees, who also represented the Indian Wells Valley Council for the Retarded. She made the audience aware of the length of the effort expended to achieve the new facility. It was in 1962 that a survey was made to determine the need for special education facilities, and it was also in 1962 that the first trainable mentally retarded class started in the valley. "This community has been a leader in special education programs," Mrs. Hammer said.

Challenging Philosophy

She also stated the philosophy of education that she believes the new facility should make possible for special education. That philosophy she summed up in three words: "normalization, integration and acceptance." She also challenged leaders in special education to remain "open to flexibility and change in this program."

Informal tours of the classrooms followed. Visitors were able to inspect such special equipment as huge mattresses to aid in coordination in walking, special intense lighting to help in seeing, braille typewriters, sound booths, and colorful toys. Most importantly, they were given the chance to talk to the talented, dedicated teachers who are the greatest gift to Indian Wells Valley's children with special needs.

At the conclusion of the program, refreshments were provided by the local chapter of the California School Food Service Association, and musical selections were sung by members of the Murray School Singers, directed by Mrs. Joan Moser.

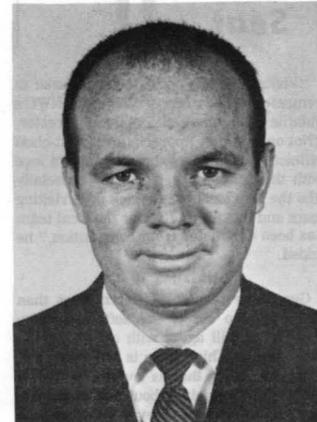
Deadline Nears To Submit Names

The deadline for submitting names for the China Lake PTA Honorary Service Awards has been extended to Jan. 21. Judy Mendonca, 39-A Vieweg, China Lake, and Kathi Drake, 47-A Sellars, China Lake, are collecting these names.

"If you know of a teacher or laymen who has done outstanding volunteer work with the youth of our community, please send us his or her name and a brief resume," Mrs. Mendonca said. She added that she would be happy to answer any further questions by phone, 446-4888.



Stephen M. Lee



Lowell H. Wilkins

PH.D.'s Awarded Employees Through Fellowship Program

Two NWC employees have recently earned Ph.D. degrees through the NWC Fellowship program. They are Stephen M. Lee, an employee of the Propulsion Development Department's Concept Analysis Branch, and Lowell H. Wilkins, who is acting head of the Systems Development Department's Systems Assembly/Evaluation Branch.

Weather Data Approach

Lee, who earned a Ph.D. in Industrial Engineering/Operations Research from Arizona State University, has worked at NWC for 20 years. For his degree, Lee developed a methodology for modeling weather data for the purpose of evaluating operations and equipment whose effectiveness varies with weather conditions. His dissertation on this subject was entitled "An Approach to Modeling Weather Data by Means of Markov and Semi-Markov Chains."

Lee's other degrees include a B.A. in mathematics and physics from the University of California at Santa Barbara, and an M.A. in mathematics from UCLA. He and his wife, Colleen, live in China Lake. They have three children, Alison, Christopher and Jennifer.

Lake Wave Study

"Wave Spectra and Associated Statistical Characteristics of Free-Surface Waves on a Freshwater Lake" was the title of the dissertation completed by Wilkins for his Ph.D. in physics from the University of Texas. The dissertation described Wilkins' study of lake waves and compared their characteristics with those of ocean waves.

Wilkins earned his B.S. degree in physics from Brigham Young University and his M.S. degree in physics from the University of Idaho. Residents of Indian Wells Valley for 12 years, Wilkins and his wife, Lloydia, have six children—Anne Marie, Teresa Lynne, Rachel Denise, David Hugh, Kevin Lee, and Linda Kay.



SO THAT'S A BRAILLE TYPEWRITER, say Judith Lind and Dr. E. Leon Karner of the Sierra Sands School Board, as they tour the Richmond School Special Education Facility.



IT'S NICE HERE was the response of Annaliese Odenrantz, member of the China Lake Elementary School Board, echoing remarks made by many who toured the colorful schoolrooms.



THIS IS FUN, exclaims Doris Hammer, clerk for the Sierra Sands Board of Trustees and a representative for the IWV Council for Retarded Children, who was among those trying out a special mattress designed to promote a sense of balance.



TEAMWORK PAYS OFF — Marko Afendykyw (at left) and John M. Boyle were pleased recently to learn that a patent notice of allowability had been approved for their "Dual Base Line Interferometer Antenna." Afendykyw is an electronic engineer in the Sensors and Signal Processing Branch of the Systems Development Department's Technology Division. Boyle is a consultant in the Electronics Systems Department's Special Projects Division.