

## NWC Engineer Plays Key Role In Air Race Win

Bill Hickle, a mechanical engineer in the Advanced Aircraft Systems Program Office of the NWC Weapons Development Department, had a hand last weekend in a winning air race performance at Miami, Fla.

Hickle was the chief engineer involved in rebuilding (almost from scrap) a Grumman F-8 Bearcat of World War II vintage that was entered in the Miami air race by its owner, Lyle Shelton, of Cypress, Calif.

The job of rebuilding and modifying the Navy fighter craft for air race competition was started four years ago by Hickle, and the plane has been competing in air races since 1969.

Hickle was in Miami last Thursday and Friday to help oversee maintenance and prepare the plane for the races that took place on Saturday and Sunday.

With its owner Shelton at the controls, the ex-Navy fighter craft won the championship in the unlimited class, beating out a field of 14 entries. Prize money that was picked up for this winning performance totalled nearly \$10,000, Hickle said.

Planes entered in the air races at Miami flew 12 laps around an 8-mile course. Top speed recorded by the modified Grumman F-8 Bearcat was 373 miles per hour.

## Meeting of IEEE Rescheduled Mon.

Because yesterday was declared a day of mourning in memory of ex-President Lyndon Johnson, who died Monday, and Federal Civil Service was given the day off work, the China Lake Section of the Institute of Electrical and Electronics Engineers decided to postpone a luncheon meeting originally planned at the Commissioned Officers' Mess.

The meeting, at which the documentary film "Only the Strong" will be shown, has been rescheduled at 11:30 a.m. Monday.



**IT'S ALL FOR CHARITY**—The chorus line of last year's "Fractured Follies" was well-received by a packed audience as it zipped through the "On the Beach" number, a hilarious routine of song and dance, coupled with comedy skits. Many amateur entertainers will be needed for "Fractured Follies '73," and tryouts will be held next Wednesday, Jan. 31, during a special talent night at The Hideaway in Ridgecrest, beginning at 7 o'clock. "Fractured Follies" proceeds will go to the Indian Wells Valley Camper Fund and is sponsored by the China Lake PTA. The dates for this year's program are Feb. 15 and 16 at the Burroughs High School Lecture Center. Tickets, now on sale at Barton's Men's Store in the Ridgecrest Plaza and at the Station Pharmacy, are priced at \$2.50. Dan Lydon's orchestra has agreed to provide musical accompaniment for the show and Sue Fisher, who performed at the piano last year, will do so again.

From _____	PLACE STAMP HERE
TO _____	



**ONLY TWO PERFORMANCES REMAIN**—William Shakespeare's "A Midsummer Night's Dream," staged by the Drama 27 class at Cerro Coso College, will be presented tonight and Saturday night at the Burroughs High School Lecture Center, beginning at 8:15. Above, some members of the cast rehearse one of the scenes. They are (seated) Vera Adams, as Hippolyta, and Dan Foster, as Theseus, and standing (l-r) Debbie Wood, as Hermia; Lysander, played by Bob Norman; Philostrate, done by Joe Kunz; Helena, acted by Sander Schwarzbach, and LeRoy Carson, in the role of Aegeus. Tickets, priced at \$1.50 for general admission, \$1 for students and military, and 75 cents for holders of the Cerro Coso student services card, are on sale at the Station Pharmacy, and also can be obtained from the cast, or at the door on performance nights.

—Photo by PHAN D. M. Jeneraux

## Radiothon for Benefit of Ridgecrest Golf Center Set Sunday at Fairgrounds

Fund raising for the benefit of a golf driving range and miniature golf course, whose development has been undertaken as a major project of the Ridgecrest Improvement Committee, will be the aim of a Sunday afternoon Radiothon that is to be broadcast by Radio Station KLOA.

The broadcast will emanate from Joshua Community Hall, the Desert Empire Fair's permanent exhibit building, which will be the scene of an admission-free program of vocal and instrumental music, along with dramatic sketches.

Others scheduled to participate in the fund-raising funfest are the Burroughs High School stage band, the Desert Gospel Soul Singers, members of local barbershop quartet song groups, and the Looney Tunes.

Those who visit the fairgrounds to witness the show will be invited to step aboard an American Legion model of the 40 and 8 trains that were used in France during World War I and ride it from the exhibit building to and from the area adjoining the fairgrounds where work is under way on the Improvement Committee.

Ridgecrest golf complex. The list of entertainers for the Radiothon is headed by the Franciscan Missionary Sisters, a 25-member all-girl orchestra from San Fernando Valley, who also will be the guests Sunday night at a Mexican dinner at the Knights of Columbus Hall in Ridgecrest.

Radio listeners will be invited and encouraged to call in their contributions, which will be collected by Citizens Band Radio Club members. The latter will be in contact with a message center at the fairgrounds, and will drive around to pick up such donations.

Councilman Rex Shacklett, vice-chairman of the Ridgecrest Improvement Committee, will serve as master of ceremonies for the entertainment planned at Joshua Community Hall, while the radio broadcast end will be handled by Sam McMullen and Blaine Davies of Station KLOA.

In addition to local civic officials who will be on hand Sunday afternoon, some of the county officers who are slated to attend Saturday night's Ridgecrest Chamber of Commerce installation dinner also will be staying over for the following day's activities at the fairgrounds.

## Western Music On Tap Tonight

Dancing to the western and country tunes of "The Country Squires" is on tap tonight from 9 p.m. to 1:30 a.m. at the Commissioned Officers' Mess.

This will be the first appearance at the Officers' Club for "The Country Squires," a 4-piece musical group from Trona that plays rock 'n roll and some of the old standards, as well as country music.

## 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

FRI. 26 Jan.

The Grand Land Singers  
Present a Special Musical Program  
at the Center Theater 8 p.m.

SAT. 27 Jan.

MATINEE—  
"JOURNEY TO THE FAR SIDE OF  
THE SUN" (STD 98 Min.)  
Roy Thinnes, Ian Hendry (G)  
—EVENING—  
"CARBON COPY" (STD 91 Min.)

Robert Hosser, Charles Aznavour  
(Action) Drama This is the story of two childhood boy friends growing into adult life change completely. One becomes a policeman and the other a criminal. The criminal, trying to follow in the footsteps of John Dillinger, loses his holdups, murders and various other crimes. The policeman, always just one step short of catching his boyhood friend, finally catches up with him. (PG)

SUN. & MON. 28-29 Jan.  
"PLAY IT AS IT LAYS" (STD 99 Min.)  
Tuesday Weld, Anthony Perkins  
(Drama) The story of fading star Tuesday Weld unfolds with quick flashes back to her early life and career. (R)

TUES. & WED. 30-31 Jan.  
"CONFESSIONS OF A POLICE  
CAPTAIN" (CS 102 Min.)

Martin Balsam, Franco Nero  
(Drama) This is the expose of contemporary Italian society. The ingredients include corruption in high places, a police official (Martin Balsam) who will use any method (including assassination) to get rid of crooks, and a young prosecutor (Franco Nero), who is an honest but ineffectual bureaucrat. (PG)

THURS. & FRI. 1-2 Feb.  
"BLINDMAN" (CS 102 Min.)

Ringo Starr, Tony Anthony  
(Western) Bill Anthony is unusually skilled with any kind of weapons. He uses dynamite to gain revenge against a man who allowed bandit Lloyd Battista to steal Anthony's shipment of mail-order brides for Texas miners. Star power helps Anthony track Battista to Mexico. Violence, sex and partial nudity may offend some. (R)

## Puppet Show To Be Staged Here Jan. 31

The Lesselli Marionettes, a nationally known puppet group that entertains over 250,000 children each year, will be in the local area next Wednesday, Jan. 31, at the Burroughs High School Lecture Center.

Two performances have been scheduled — 3:30 and 6:30 p.m. Tickets, priced at 50 cents, can be obtained in advance at the Gift Mart in Ridgecrest and at the Station Pharmacy. They also will be sold at the Lecture Center box office prior to each performance.

This year the Lesselli Marionettes will present "Pinocchio — The Adventures of a Marionette," which is the best known fairy story in Italian literature.

The Lesselli Marionettes also will introduce some of their own highly individual puppet creations when they perform the variety acts which traditionally close every Lesselli production.

## At Business Outlook Conference

# Center's Impact on Kern County Economy Cited by RAdm. Suerstedt

The Congress believe that a good part of the future of this country lies in a strong research and development capability," RAdm. Suerstedt said.

"This is, of course, a necessity and absolutely essential in order to support a Navy of the size and capability which the United States must have," he added.

Elaborating on his forecast that there will continue to be strong financial support for research, RAdm. Suerstedt pointed out that there is a feeling in Washington that the United States has been falling behind on new weapons and must catch up. In view of this, the speaker predicted that more money will be directed into such research.

This was so, he said, "in spite of pretty firm indications that the federal government, in general, and the Department of Defense, in particular, will experience some amount of budgetary draw-down this year and in the future."

The confidence he expressed is based on several indicators, the NWC Commander noted. "The Naval Weapons Center is the Navy's foremost research and development facility, and I believe it can truly be stated that the current administration and

(Continued on Page 3)



Rear Adm. Henry Suerstedt, Jr.

January 26, 1973

INSIDE...

National Prayer Breakfast	2
NWC Fellowships Awarded	3
Hikers Retrace History	4
Vincent Price Program Slated	5
Sports	6
Air Fair Set at Inyokern	7
Radiothon Planned Sunday	8

Vol. XXVIII No. 4



Naval Weapons Center  
China Lake  
California



**AID TO LAW ENFORCEMENT**—A radarscope, called Speed Gun, has been acquired by the Police Division at China Lake, and will be put into use beginning Monday on the Naval Weapons Center. Its use will be concentrated in places where there have been repeated complaints of vehicle speeding violations. The Speed Gun is being demonstrated above by Police Officer Richard Cox.

## Police To Begin Use of Radarscope

Beginning Monday, police officers of the Naval Weapons Center's Security Department will have at their disposal and start putting into use a radar device capable of pinpointing speeding vehicles.

This radarscope, called a Speed Gun, is identical to those already in use in some areas by the Los Angeles Police Department, Steve Kaupp, head of the Police Division, stated.

Its mode of operation can be either from within a parked patrol vehicle, with pursuit being initiated when readings are received showing that a vehicle is speeding, or it can be operated from a roadside position by an officer who can check the speeds of passing vehicles and then radio information on speeders to a second patrol car farther down the road whose occupants would make the stop and write the citation.

The unit acquired by the China Lake Police Division works by aiming it at a vehicle, either coming toward or moving away

from the radar device, and then pulling the trigger. Instantaneously, the radar gun produces a computer-type readout which shows the speed of the vehicle that was the target of the radar gun. The unit, which works on the Doppler radar principle of interpreting signals as they are bounced back, will register speeds up to 99 mph.

Plans call for using the Speed Gun throughout the Naval Weapons Center housing area—primarily in places where it is difficult to get vehicle speed clockings and where residents have reported frequent speeding violations by motorists.

Use of the radarscope as an aid in controlling speeding motorists at NWC was recommended by the Safe Driving Council and approved this week by the NWC Command.

## CNO Sends 'Well Done' As Vietnam War Ends

Last night (message dated Jan. 24) our Commander-in-Chief announced a cease fire of the longest war in the history of our nation. I need not remind you how demanding that war has been.

Many of our Navymen and women have passed the halfway point in their careers since our advisory role in Vietnam began. Many of you who are at sea today have endured long and frequent separations from your families.

This past eight months in particular has seen our Naval forces operating at the highest tempo of the war, but through it all, even during these turbulent and uncertain months as the war has drawn to a close, the Navy has met its commitments, has been where it was supposed to be, when and for as long as required.

Our nation has every reason to expect from those of us in uniform the full, unwavering support we are sworn to provide. That expectation has been fulfilled. You have given your best and your best was every bit as good as our countrymen have come to expect.

I am convinced that this could not have been the case were it not for the concern of each for the betterment of all—for the teamwork that you have exhibited afloat and ashore in whatever situations arose, from five-man Seal teams, PBR and swift boat crews, to 5,000 man aircraft carriers, working and fighting together.

You have done your duty well and as we look forward to the return of our comrades who have spent so much time as prisoners, you can stand tall in the knowledge that no one stands taller than you. Well done.

E. R. Zumwalt, Jr.  
Admiral, U.S. Navy  
Chief of Naval Operations

## Vote on Unification Of Schools Requested May 1

Spears.

The superintendent of the China Lake Elementary School District noted that should voters approve the school unification plan on or before May 1, the school districts involved will receive a bonus of \$20 per student in average daily attendance for both the 1972-73 and the 1973-74 fiscal years.

This additional money will be available to China Lake, Ridgecrest and Inyokern elementary schools, and also to Burroughs High and to the Rand School District (the two other schools also involved in the east Kern County school unification plan) prior to the establishment of the unified school district, since a favorable vote on

(Continued on Page 3)



**PATENTS BEING SOUGHT**—The Navy is filing for patent protection rights on work performed by three employees of the NWC Fuze Department. Two of the men, M. E. Anderson (at left) and W. R. Magorian were present during an awards ceremony to receive certificates and small cash refiners from B. Huston (at right), department head. Anderson teamed with F. L. Menz (not present for photo) to develop a safe rocket motor igniter that provides a high level of safety during the handling, storage, shipment and testing of a rocket motor. Magorian earned his award for devising a portable attack warning radar.

## Invitation To Attend Nat'l Prayer Breakfast Extended

An invitation has been extended for all Naval Weapons Center personnel and their spouses to attend a local observance of the National Prayer Breakfast which is to be held on Thursday, Feb. 1, at the Chief Petty Officers' Club, starting at 6 a.m.

The breakfast will be provided free of charge, but tickets to attend will be required since the CPO Club will be able to accommodate no more than 190 persons for this event.

Tickets to the National Prayer Breakfast can be obtained at the NWC Chaplain's office or from representatives of the various congregations at the All Faith Chapel.

Lt. Col. R. F. Boyd, Army liaison officer at NWC, will serve as master of ceremonies, and there will be opening remarks by H. G. Wilson, NWC Technical Director. The Pledge of Allegiance to the flag will be led by AT1 R. R.

### The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California

RAdm. Henry Suisted, Jr.  
NWC Commander

H. G. Wilson  
Technical Director

C. E. Van Hagan  
Head,  
Technical Information Department



### 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

MAS  
Saturday 1700 fulfills Sunday obligation  
Sunday 0700 0830 1130

#### BLESSED SACRAMENT CHAPEL

MASS  
Daily except Saturday 1135  
First Friday only 1135 1700

#### CONFESSIONS

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

EAST WING—ALL FAITH CHAPEL

Friday 1st and 3rd ONLY

Sabbath Services 2000

Saturday Sabbath School 0900

#### UNITARIANS

CHAPEL ANNEX 95

News Stories ..... Tuesday, 4:30 p.m.  
Photographs ..... Tuesday, 11:30 a.m.  
Editorial ..... Friday, 4:30 p.m.  
Press Service material—All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a contractor under contract with NAVFAC. Last revised July 1968. Other news items and Lauritson information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

Phones ..... 3354, 3355, 2347 Sunday Services 1930

## 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 employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Information Receptionist, GS-304-3, PD No. 6985002, Code 8412—As an information receptionist in the Visitors' Branch, Security Operations Division, Incumbent will initially greet official visitors to the Center and answer questions they may have. Will interview visitors for information required to issue a pass and type the information on the appropriate forms. Minimum Qualification Requirements: One year of experience for GS-3, two years for GS-4. Job Relevant Criteria: Familiarity with the Center; ability to function under pressure; tact, courtesy and diplomacy in dealing with the public. Promotion potential: GS-3 to GS-4.

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

Electronics Engineer (General) GS-855-11, PD No. 7385001, Code 8540—This position is that of communication engineer in the Communications and Electronics Maintenance Division. Incumbent is responsible for initiation, preliminary exploration and advance planning, engineering and coordinating of telephone and other communications systems. Develops and designs new instrumentation, equipment and procedures to meet the diverse conditions existing at the Center and tenant activities. Is responsible for the analysis and evaluation of the overall communications systems for improvement projects. Coordinates communication program objectives to assure conformance to policy and technical criteria from higher authority. Job Relevant Criteria: Extensive experience in telephone and other base band communications. A knowledge of telephone company regulations and tariff restrictions. A knowledge of the principles, practices, methods and techniques of electrical engineering and the ability to work without technical assistance in designing communications systems to meet the varying needs of the Center. Minimum Qualification Requirements: As outlined in X-18.

File applications for above with Dora Childers, Code 457, Rm. 210, Ph. 3032.

Sales Store Checker (Intermittent), GS-209-3, PD No. 125004, Code 28—Incumbent works approximately two days a week. Major duties consist of checking purchases of customers: check the price; ring the sales on the cash register; collect and examine cash and checks tendered in payment for purchases. The check out register of the Commissary Store is similar to that used by most large grocery chain stores. Incumbent is held responsible for actual receipt of cash and accounting for same. Minimum Qualification Requirements: As defined in CSC Handbook X-18. Job Relevant Criteria: Experience in cash register operation and customer checking out products; aptitude for arithmetic figures; friendly and cooperative attitude necessary for dealing with the public.

File applications for above with Claire Lewis, Bldg. 34, Rm. 202, Ph. 2723.

Mechanical Engineering Technician, GS-802-6 thru 12, or Electronics Technician, GS-856-6 thru 12, PD No. 7345009, Code 4541—The incumbent's primary duty will be that of fire

(Continued on Page 5)



**SILVER ANNIVERSARY NOTED**—A special celebration was held recently by the employees of the Weapons Control Branch (3043) honoring Earl Norman (center), who has been employed for 25 years by this same group and in the same building at China Lake. Norman, who is a mechanical engineering technician, is shown looking over one of the humorous gifts (a broken watch) that he received from Claude Brown (at left), branch head. At right is Leroy Marquardt, head of the Systems Development Department's Technology Development Division.

California Lutheran College, at Thousand Oaks, will send its excellent concert tour group to Ridgecrest on Monday to present an evening of musical entertainment at the Burroughs High School Lecture Center, beginning at 8 o'clock.

Tickets for the concert can be obtained in advance at the Gift Mart and the Medical Arts Pharmacy in Ridgecrest, and at the Station Pharmacy, or Monday night at the Lecture Center door. They are priced at \$2 for adults, and \$1 for students (through high school) and enlisted men. There also is a special family rate of \$5.

The concert tour organization consists of a combined 80-piece concert choir, symphonette and string ensemble. The performers will present a program that ranges from sacred music through the centuries to the ever popular "Sounds of CLC," which will musically bring the college campus to the concert hall.

The choir, directed by Dr. C. Robert Zimmerman, is a carefully selected, highly trained group of 50 voices, chosen only after an audition. It will present Johannes Brahms' "Motet Psalm 51." The symphonette, which is directed by Prof. Elmer Ramsey, will play Copeland's "Outdoor Overture," and "The Pumpkin Eater's Little Fugue," also by Copeland.

The film, rated PG, is not recommended for anyone under junior high school age.



**TO PRESENT CONCERT**—The 50 voice concert choir of California Lutheran College, at Thousand Oaks, along with the 30 piece symphonette orchestra and a special string ensemble, will present a concert of sacred music and modern sounds at the Burroughs High School Lecture Center on Monday, beginning at 8 p.m. Tickets for the concert are priced at \$2 for adults, \$1 for students (through high school) and military personnel, and \$5 for an entire family. Tickets can be purchased at The Gift Mart and Medical Arts Pharmacy in Ridgecrest, or at the Station Pharmacy. They also will be available Monday night at the Lecture Center door.

## Choir From Cal Lutheran College To Sing Monday

A film depicting the world of the New York City youth gangs will be presented Saturday night at the NWC All Faith Chapel.

Scheduled for presentation, starting at 7:30 p.m., is the film entitled "The Cross and the Switch Blade," which portrays the work of the Rev. Dave Wilkerson, who helped to organize Teen Challenge.

Presentation of this film is being sponsored by the Senior High Youth Fellowship of the All Faith Chapel. No admission will be charged, and no collection will be taken.

The film, rated PG, is not recommended for anyone under junior high school age.

(Continued on Page 5)

## Employee In The Spotlight

"The thesis in high school is that girls are supposed to stand around at school athletics and cheer for the boys, and I think the girls should be doing their own thing."

A woman's liberator? A radical reformist? Hardly. The man speaking is Dr. Arnold Adicoff, head of the Polymer Science Branch of the Research Department's Chemistry Division.

Arnold is a member of the local Senate Bill 1 committee which was set up under law by Burroughs High School to examine curriculae and make recommendations on how the curriculum can better meet the needs of the community.

"One of these needs is a better athletic program for girls," he pointed out. "Another is more vocational courses. We need such programs as auto mechanics, hair dressing, seamstress, shoemaking, the psychology of sales, and others which will give high school youngsters some training in areas of work that do not require a college education," he added.

Arnold says that the past orientation at the high school level has been to worry only about those youths who are going on to college. "This is wrong, and I'm working to correct that," he declared.

The NWC chemist holds a Ph.D. from the Polytechnic Institute of Brooklyn. "But that's because I wanted to be a chemist, and the field requires a higher form of education. There are many children who want to be sales clerks or auto mechanics, or furniture makers. These are the youths we're neglecting," he emphasized.

He met his wife, Marge, while he was a student at UCLA. "I had gone back to New York for a vacation and I met Marge while we were both vacationing at a hotel in the Catskill Mountains," he said. "She was born in Scotland, but she so loved the United States (which she had seen on a previous visit), that she had come here to live permanently." They were married six months later.

Although chemists, in their life's work, are constantly experimenting and revising the properties they deal with, Arnold firmly believes in absolutes, as his studies infer.

He grew up in New York City working in his father's restaurants. "He never owned more than two at a time, but he owned seven in all in New York, and I worked in all of them," he explained. Arnold worked as a dishwasher, busboy, cashier, cook, counter man and whatever else was needed.

"That's when I decided to become a chemist," he laughed.

After a four year tour in the U.S. Army during World War II (1942-46) Arnold completed his undergraduate work at City College of New York (CCNY) and transferred to UCLA, where he was awarded a bachelor's degree in chemistry in 1947.

Arnold returned to New York City and enrolled at Brooklyn Polytechnic Institute and took a job as a teaching fellow. For the final four years of his education he was a research fellow.

After receiving his doctorate he was employed as a research chemist by the Air Reduction Co., Murray Hill, N.J., and then went to work for Ford Motor Co. as a research engineer in the Dearborn, Mich., plant.

In 1957 he sought employment at China Lake and was hired as a chemist. He became head of the Polymer Science Branch in March 1968.

Arnold has written more than 30 technical publications and is the

## Advanced First Aid Class To Begin Mon.

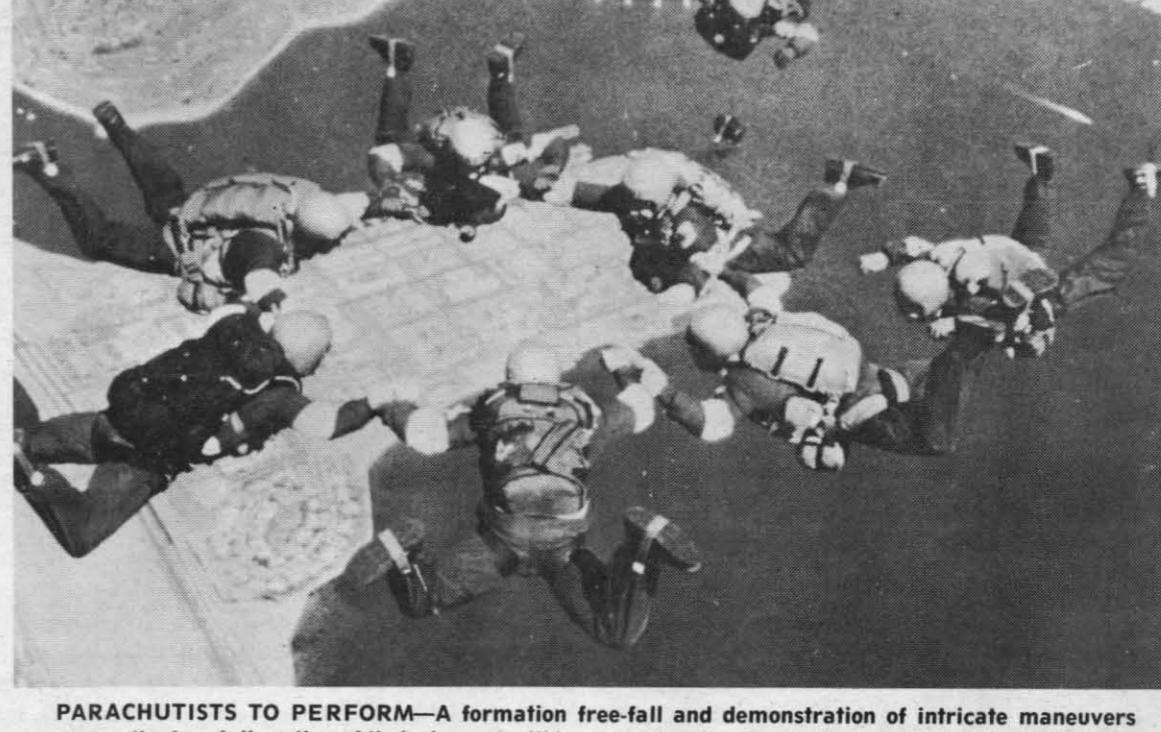
An advanced first aid class will be taught starting Monday at the NWC Safety Building.

During the first class session, from 6 to 8 p.m., a time convenient for class members for the remaining seven Monday night meetings will be decided upon.

Pre-register by calling the instructor, Dr. Carl Heller, at NWC ext. 3192 or 446-2327, or Al Green at NWC ext. 2771 or 446-2491.

Refreshments and snacks will be on sale at the Air Fair, and an Aviation Book Mobile also is being brought here from Los Angeles for this special event.

Major attractions during the afternoon-long air show will include a demonstration of free-fall parachuting by the Navy's eight-man Exhibition Parachute Team from Coronado; aerial acrobatics by Bill Porter, a retired Air Force test pilot at the controls of a Schweizer SGS 1-26 sailplane, and by Mira Slová, one of the top aerobatic pilots in the country, who



**PARACHUTISTS TO PERFORM**—A formation free-fall and demonstration of intricate maneuvers during the free fall portion of their descent will be presented Sunday during the Air Fair in Inyokern by members of the Navy Exhibition Parachute Team from Coronado. The 'chutists will be dropped from a helicopter flying more than two miles high.

## Navy Parachute Team To Take Part in Air Fair at Inyokern

An air show featuring such varied attractions as sky diving, aerial acrobatics performed in a motorless sail plane, and a speed performance put on by one of the nation's top transcontinental air racers, is planned tomorrow at the Kern County airport in Inyokern.

This second annual Air Fair, sponsored by the High Desert Detachment of the Marine Corps League and called the Inyokern Intercept, will be preceded by a morning long model glider contest for local youngsters up to 14 years of age.

He met his wife, Marge, while he was a student at UCLA. "I had gone back to New York for a vacation and I met Marge while we were both vacationing at a hotel in the Catskill Mountains," he said. "She was born in Scotland, but she so loved the United States (which she had seen on a previous visit), that she had come here to live permanently." They were married six months later.

"Marge has worked as a secretary to a pair of psychiatrists and one neurologist, so she knows how to handle me very well," Arnold joked.

The couple has two children, Keith, 17, a junior at Burroughs who is an expert golfer (a 4 handicap), and Laurie, 15, a freshman at Burroughs. Laurie is a former member of the IWV swim team and enjoys competing in track and field events, as well as gymnastics.

The Adicoffs are fond of backpacking and camping and Arnold's primary hobby is fishing. "I also dabble in photography and playing tennis," he added.

Refreshments and snacks will be on sale at the Air Fair, and an Aviation Book Mobile also is being brought here from Los Angeles for this special event.

Major attractions during the afternoon-long air show will include a demonstration of free-fall parachuting by the Navy's eight-man Exhibition Parachute Team from Coronado; aerial acrobatics by Bill Porter, a retired Air Force test pilot at the controls of a Schweizer SGS 1-26 sailplane, and by Mira Slová, one of the top aerobatic pilots in the country, who



**GRAND PRIZE DISPLAYED**—Youngsters competing in the model glider contest on Saturday morning at the Inyokern airport will be vying for the grand prize held by Susan Rungo, current holder of the Miss Ridgecrest-China Lake title. The top prize in the model glider contest is a kit that can be used to make a large replica of the Schweizer SGS 1-26 sailplane—similar to the real version that will be seen in action during a demonstration of aerial acrobatics performed by Bill Porter, of Lancaster.



**In  
The  
Catbird  
Seat**

By Jack Lindsey

"Let the boy win his spurs," said King Edward III of England in 1345 while speaking of his son, the celebrated Black Prince of Crecy.

"All he needs is a little seasoning," said Al McDonald, an employee of the Engineering Department, while speaking of his son, Pat, a professional golfer.

I figured all Pat needed was to play in a 40mph wind, and all three of us were right. Young McDonald conquered the Quail Lake golf course this past week to finish fourth in the third 36-hole event of the newly-formed Western Tournament Golf Association. The finish was worth \$1,250.

Pat was the first day leader after shooting 34-38 for a par 72 despite 40mph winds that were so bad that some putts were blown as much as 30 feet away from the hole. It was like playing at home for the China Lake golfer, who grew up busting par on the NWC golf course where high winds prevail a great deal of time.

Pat was the only golfer to match par on the opening day on the 6,600-yd. course, which is located near Hemet. The second day of the tournament saw an equally high wind, but young Pat's putting stroke left him as he three-putted four greens. However, he still finished with 40-37, 77, good for a fourth-place tie only two strokes behind the winner.

The local golfer will be competing at Quail Lake (Monday), and at Serfas Country Club on Tuesday. Serfas is located near Diamond Bar Ranch on Highway 10. Local residents who plan to take in the golf tournament should travel on Highway 395 toward Los Angeles and then switch off onto Highway 10.

Pat invites all his friends and fans to come root for him. "I always hit the ball better when I know that China Lake and Ridgecrest people are in the gallery," he said.

## Rabies Vaccination Clinic Scheduled at NWC Today

The annual public rabies vaccination clinics for dogs began at 11 a.m. today in the north end of the old Police building, located at the NWC main gate, and will continue from 2 to 7 p.m.

Co-sponsored by the Kern County Health Department and the Kern County Veterinary Medical Association, these clinics are held each year so that pet owners can protect their animals against rabies.

Local residents also may have their pets inoculated tomorrow between the hours of 11 a.m. and 1



JANUARY ATHLETE—Lee Bess, who recently led the NWC Varsity All Star team to third place in the MDISL basketball tournament at Norton AFB, has been selected January's "Athlete of the Month," by NWC's Special Services Division. Bess is shown being congratulated by Marty Denkin, left, NWC athletic director, and Bill Nicol, the intramural director. The 6 ft., 4 in., 190 lb. center hails from Kansas City, Kan., where he played on the Central High School basketball squad. Bess has been averaging 16.8 points per game on the All Star team and during the MDISL action, he averaged 21 points for five games.

## China Lake Cagers Finish Third in MDISL Tourney

The NWC Varsity All Star basketball team finished in third place at the annual Mojave Desert Inter-Service League (MDISL) tournament held last week at Norton Air Force Base. This is the first time since the inception of the MDISL that a China Lake team has placed among the top three in basketball competition.

Rebounding after losing their first game to Edwards AFB, the NWC All Stars defeated the cagers from Los Angeles Air Force Station, George AFB and 29 Palms Marine Corps Base, only to be defeated in their bid for the championship play-off by the Nellis AFB hoopers, who lost in turn to Norton AFB in the final game.

The game with Nellis was played at 6 p.m. last Saturday and the local All Stars had high hopes of a victory and could even envision winning the title, but a fast-breaking, sharp-shooting Nellis AFB cage team defeated them easily, 90-64.

Lee Bess scored an average of 21 points per game during the tourney, while Benny McCargo hit 14 points per contest. Bob Berry was the key man for NWC on defense and his hustling was considered to be an important factor in NWC's third place finish.

However, with one game under their belts using the unfamiliar rules, the China Lake hoopers got it all together and edged a strong LAFAS team, 71-69, winning the game in the final 5 seconds.

It was an uphill battle for the NWC All Stars, as they trailed by 15 points at the half. When play resumed in the second period, China Lake, led by Greg Moore and Lee Bess, caught up with the Los Angeles cagers and took the lead with 5 seconds of play remaining. Benny McCargo dumped in a free



ACE WINS BIG ONE—Rich Guerrero (with ball) has an easy lay-up as his Loewen's Lions teammates surrounding him seem to dominate the game that took place this past Tuesday between the Lions and Ace-TV. Ace, however, won the game, 58-51. On the floor is Gary Travis, while Bob Berry (25) watches Guerrero. The Lions in the photo are (l-r.) Jimmy Ayres, Scott Shacklett and Gordy Irvin.

## Ace TV Edges Loewen's In Intramural Hoop Tilt

Tension ran high last Tuesday evening as Ace-TV's cage team met the Loewen's Lions in a Division A encounter of the China Lake Intramural Basketball League. Ace narrowly edged the Lions, 58-51.

Going into the game as the underdogs, the victory ran the Ace-TV quintet's record to 4 wins and 2 losses—good for third place in the standings behind NAF (5-0) and the Blazers (4-1).

In other action Tuesday night, Duke-72 turned the Red Devils back, 33-23, in a Division B-1 contest. The Duke-72 hoopers are now tied with the Hustlers with identical records of 1 win and 2 losses. This division is led by the Snarfs, who sport a perfect 5-0 slate. The Dispensary cagers are second with 4 wins and 0 losses.

The innovative girls' division, under the direction of Carol Hape, manager of the NWC Youth Center, and Marty Denkin, NWC's athletic director, promises to give basketball spectators a different look at the game.

In league action Monday, the Queens promenaded past the Bombers, 21-6; the Sharks chewed up the Outlaws, 12-10, and the Rangers barely managed to corral the Renegades, 14-12.

A seventh team, the Thunderbirds, will not play until next Monday.

Beverly Benton, of the Renegades, and Kathy McDonough, for the Rangers, each scored 6 points in that game, while the Queens' victory was led by Carol Robertson, Melissa Keith and Beth Koff. Carol Seely and Laura Terrell were the hot shooters for the Sharks.

In other Youth League action, the Stars smacked it to the Sonics, 44-22, in a Junior Division game last Tuesday evening.

Last week in the Youth League, the Warriors downed the Knicks, 63-54, and the Celtics defeated the Lakers, 59-45, in a pair of High School Division games played Saturday morning.

Painter and his wife, Gloria, have two children—Gary Dean, 2 years old, and Jacqueline Lee, 4 months of age.

He relaxes by reading science fiction and taking his family camping.

Dr. Ansell is the recipient of an NWC senior fellowship. He and his family will leave for England soon, where he will study at the University of Oxford beginning in April for a period of up to 12 months.

On Saturday afternoon, the Cavaliers crushed the Trail Blazers, 35-19, and the Suns blazed by the Rockets, 32-20, in two Junior Division contests. Two Intermediate Division teams then took to the court and the Spartans, re-creating the battle of Troy, downed the Trojans, 19-14.

In the Instructional Division, the Red Devils edged the Bulldogs, 10-6.

In another Youth League encounter on Thursday, Jan. 18, the Pistons pinged the Warriors, 66-58.

## Plans Announced For Eagle Scout Court of Honor

Plans were announced this week for an Eagle Scout Court of Honor that will be held at 7:30 p.m. next Wednesday, Jan. 31, in the east wing of the NWC All Faith Chapel.

The Court of Honor is a combined event for Boy Scout Troops 41, 801 and 848, and a special invitation to attend has been extended to all Eagle Scouts in the local area.

Three Eagle Scout badges will be presented at the Court of Honor. The Scouts who will receive them are John Kleinschmidt, of Troop 41; Gary Bennett, of Troop 801, and Fred Thornberry, of Troop 848.

Friday, January 26, 1973

## NWC Fellowships For Higher Study Awarded

Ronald D. Painter, a physicist in the Advanced Technology Division of the Propulsion Development Department, and Dr. Gerald B. Ansell, a research chemist in the Physical Chemistry Branch of the Research Department's Chemistry Division, were recently awarded NWC Fellowships for higher study.

Painter attended Michigan State University, East Lansing, Mich., during the winter 1972 quarter and will also remain there during the spring 1973 quarter.

He is seeking a master's degree in physics, and will specialize in materials.

He and his wife, Margaret, and four children — Jeremy 10, Jane 9, Jeffrey 7, and Julie 2 — will reside in Oxford while he completes his study.

Dr. Ansell lists his hobbies as listening to jazz music, playing the tenor saxophone, gardening and camping.

He has worked at NWC since February 1968.

Deadline Near To Renew Auto Registration

Motorists have just one more week (until Friday, Feb. 2) to renew their California vehicle registration without payment of penalties, according to a reminder received from the Ridgecrest office of the Department of Motor Vehicles.

This can be done either by mail, or by visiting the local DMV office, located at 111 E. California Blvd., Ridgecrest.

The Ridgecrest office of DMV is open Monday through Friday, from 8 a.m. to 5 p.m., and tomorrow only (Saturday, Jan. 27) also will be open from 8 a.m. to noon as a special service to those who haven't yet renewed their vehicle registration for 1973.

Added to this year's registration fee is an extra \$1 charge. This one-time-only fee will go into an "Abandoned Vehicle Trust Fund" that will be used to assist in removing unsightly junk cars from the California landscape. D. F. Lumnsden, manager of the DMV office in Ridgecrest, reported.

Workshop In Human Relations To Be Offered

A workshop on human relations will be offered by the Personnel Development Division on Feb. 6 and 13 from 8 a.m. to 3 p.m. (both days), in Rm. 205 of the Training Center.

Some of the areas to be covered include definition of human relations skills, behavior caused by human motives, guidelines for human relations skills, insuring positive motivation, and human relations games and activities.

Interested persons should submit a copy of NWC Enrollment Form 12410-28 to Code 654, via departmental channels, no later than Jan. 29.

## Unification....

(Continued from Page 1)

May 1 would mean that the unified district could begin formal operation no earlier than July 1, 1974.

The provisions of a new state tax reform and school finance measure (SB 90), which will go into effect on July 1, 1973, also has a bearing on this matter, Dr. Spears pointed out.

One of the features of SB 90 is that all future state revenue to be allocated to school districts will be determined on the basis of their revenue for the 1972-73 school year.

In view of this, if voters approve the local plan for unification of schools on May 1, the additional \$20 per ADA would also accrue for the benefit of local schools not only this year and next, but on into the future, as well, Dr. Spears said.

Dr. Ansell was awarded a Ph.D. degree in crystallography in 1967 from the University of Essex, in Essex, England.

While at Oxford, Dr. Ansell will study the preparation and physical properties of non-stoichiometric

ROCKETEER



PATENT AWARDS GRANTED—Three Research Department employees (from left) William Ayres, Kenneth LaBaw and Dr. Ronald Henry, were the recent recipients of additional awards denoting the fact that patents on their inventions had been granted. The awards were presented by Dr. William McEwan (second from right), head of the Chemistry Division, during a ceremony that was attended by Dr. Henry Swift (at right), associate head of the Research Department. Dr. Henry and Ayres shared honors for an invention entitled "Gas Generator Composition Containing a Nitrogen-Rich Compound and a Catalyst," while LaBaw's additional award was for his invention of a "Radiation Sensitive Optical Tracker."

—Photo by PHAN D. M. JENEREUX

## NWC Impact on Kern Economy Cited...

(Continued from Page 1)

Commander commented.

In answer to what he termed the obvious question of whether or not the American public is getting a reasonable return for all these tax dollars spent at the Naval Weapons Center, RAdm. Suerstedt presented several film slides, along with a brief commentary about a number of recent weapons systems that have been developed here.

Included in this presentation was information about such missiles as the Walleye II, an air-to-surface glide weapon designed for destruction of such targets as bridges, air base facilities and ships; and Condor, the Navy's newest air-to-surface TV-guided standoff missile, which can be used against heavily defended targets located beyond the visual range of the pilot.

Other photos and information also were presented about Shrike, an air-to-ground anti-radiation missile designed to locate and destroy active radar installations; the Bulldog weapons system, a laser-guided, air-launched missile which provides pinpoint accuracy in destroying surface targets, and Rockeye II, an unguided, free-fall cluster weapon for use against tanks, guns, trucks or parked aircraft.

"All this adds up to a continuing and successful operation in East Kern with considerable impact throughout the county," RAdm. Suerstedt said. In reference to this latter point, the NWC Commander added that salaries, which are directly attributable to the Center, will amount to some \$90 million this year. "Many of these payroll dollars flow into the Kern County economy for personal goods and services," he said.

RAdm. Suerstedt's presentation was accompanied by more film slides that were tied in with references to NWC's procurement of official goods and services, maintenance and construction work on the Center, as well as developments in Ridgecrest that point to growth and improvement.

About 20 per cent of the \$80 million slated for expenditure this year on official goods and services will be spent in Kern County—a figure that is up considerably from last year, RAdm. Suerstedt noted. In addition, nearly \$4 million will go into

maintenance and minor construction work at China Lake, and of this amount \$3 million represents salaries paid locally to contractors, the speaker continued.

"Any discussion of the Kern County economy these days must note that the City of Ridgecrest represents a significant economic impact with an assessed valuation of \$22 million and a 1972 building permit evaluation of about \$13.5 million. The Center is pleased with the city's progress, which means it can now provide even more very much needed support," the NWC Commander said.

Growth in Ridgecrest mentioned in the talk by RAdm. Suerstedt included reference to the establishment of 653 new living units in the city during 1972, the opening of some condominium apartments and the construction of others that is under way. In addition, it was noted that a \$2.5 million shopping center was opened last year, the Ridgecrest branch of the Bank of America has moved into a new and larger building, and the NWC Federal Credit Union now has its own new \$600,000 building.

The pending completion this year of the first increment of Cerro Coso Community College also was hailed by RAdm. Suerstedt as "a major asset that represents another stabilizing factor in the area."

In closing, RAdm. Suerstedt commented: "A viable laboratory such as NWC is one of the government's principal means of providing the critical inputs and impartially evaluating that part of the government's research and development effort which is contracted to industry."

"I can assure you that a healthy research and development organization is in being at China Lake and we are contributing significantly to the national defense effort. The impact of this activity will continue to be an important factor contributing to the health of the economy of Kern County."

RAdm. Suerstedt concluded his talk by asking for "the same continuing and outstanding support from the leaders of Kern County that we have enjoyed in the past so that we can continue to be a vital force in the future of this area."

## Championship Chess Turnney Planned

The China Lake Chess Club will host the East Kern County Chess Championship tournament to be played on Feb. 3, 10 and 17 at the clubhouse, 401-C McIntire St., on the competition.

This is a seven-round Swiss style tournament. A player who wins his first game will be paired against another who also won his first game. Wayne Silva, tournament director, stated that a time limit of 1½ hours has been set.

Entry fees have been set at \$5 for non-members of the China Lake Chess Club, and \$3 for male members. Juniors (12-18) need only pay \$2, or \$2.50 for open

competition. Juniors below 12 years of age must pay \$1.50 or \$2. The women's entry fee is \$2.50.

Registration for the tournament will be handled at the clubhouse prior to the tournament on Saturdays from 2:30 to 7 p.m., or on Wednesdays from 7 to 10 p.m. Entries will be accepted as late as 10 a.m. on Feb. 3.

Those who wish to enter by mail may send a check to Silva, Route 1, Box 2851, Ridgecrest, CA 93555.

## Foresters Follow Historic Manly-Rogers Trail



**IN WILSON CANYON**—LeRoy C. Johnson, right, leader of an historic retracing of the Manly-Rogers' route from Furnace Creek Ranch to the San Francisquito Rancho, near Newhall, Calif., is followed by Fred C. Camphausen, an NWC employee, who guided Johnson and Richard Bush through the Wilson Canyon sector of the NWC range area.

## Ridgecrest CofC To Install Officers Saturday Night

Robert L. McGill, local manager of the Continental Telephone Co., will be installed as president of the Ridgecrest Chamber of Commerce at the 29th annual installation of officers and dinner-dance on Saturday night at the Ridgecrest Elks Lodge.

The gala event will commence at 7 p.m. with a no-host cocktail hour, followed by dinner at 8. Following the installation and dinner, dancing to the music of Pug Pilcher's combo will round out the evening.

Judge J. Kelly Steele of Bakersfield, who has for many years officiated at these annual chamber functions, again will install the Ridgecrest CofC officers. In addition to McGill, other CofC officers to be installed are Sam McMullen, general manager of Radio Station KLOA in Ridgecrest, who will be sworn in for his second term as vice-president, and Michael S. Molner, manager of the Ridge and Crest Theaters, treasurer. Newly-elected directors to be installed are

Berniece Lyons, Earl Powers and Molner.

Molner has just finished serving as CofC president for the past two years.

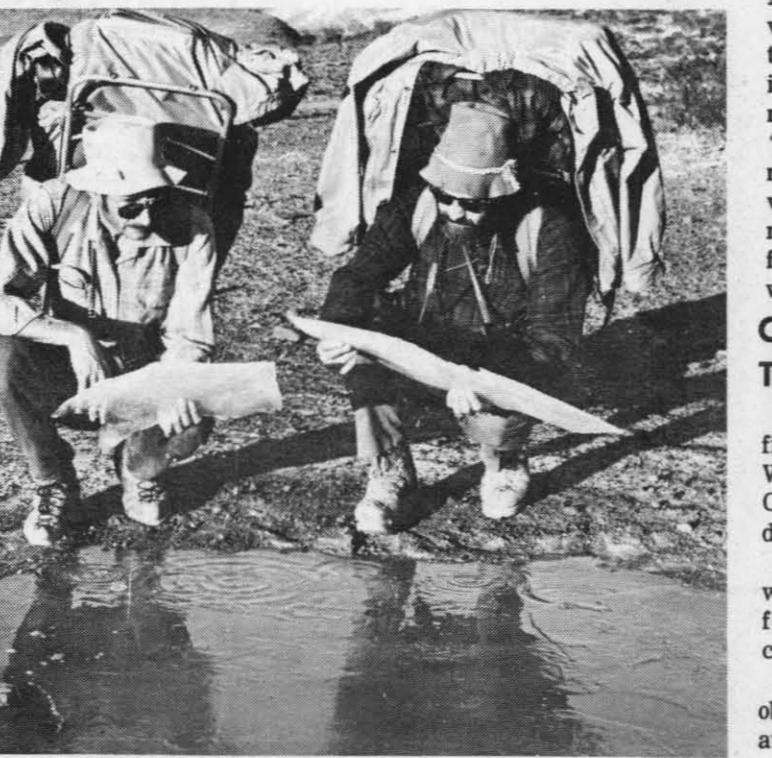
Garlan L. Frix, president of the Kern County Board of Trade, will be the keynote speaker for the evening. A resident of Kern County since 1954, Frix has been superintendent of the Mojave Unified School District since July 1966. An active member of the Kern County Board of Trade for the past two years, he was elected to the office of president in July 1972.

Dr. Rex E. Shacklett, well-known community leader and councilman of the City of Ridgecrest, will be master of ceremonies for the evening. Dr. Shacklett has been active in community affairs here for the past 26 years.

Tickets, priced at \$7.50 per person, may be obtained at the Ridgecrest CofC office, 141 Panamint St., or ordered by calling 375-8331 or 375-9662.



**AS THIS PHOTO** was snapped at the top of Wilson Canyon, LeRoy C. Johnson (with binoculars) is shown trying to determine whether or not Manly and Rogers followed Wilson or Deadman Canyon. Fred C. Camphausen, the modern-day hikers' guide, is checking references on a map. **BELOW**—Richard Bush (on left) and Johnson were delighted to find ice in a small pool on the west side of Wilson Canyon, since this jibed with accounts by Manly of discovering ice that quenched his and Rogers' thirst during their history-making hike in 1850.



## Ex-China Laker Is Fatally Injured in Mishap at Sea

A Memorial Mass was held last Friday morning at the NWC All Faith Chapel for EMC Jose J. Javines, who, until recently, was assigned here as a member of the junior officer-of-the-day staff at the Administration Building.

Chief Javines left China Lake on Dec. 20 with orders to report to the USS King, an oiler stationed with the Fleet in the waters off Southeast Asia.

Sent first to Subic Bay in the Philippines Islands, Chief Javines left there in a ship outbound for Yankee Station and was being picked up by helicopter for transfer to the USS King when an accident in which he suffered fatal

injuries occurred.

The injured man was taken to the Aircraft Carrier USS Enterprise, where he died in the sick bay on Jan. 8. His body was returned to San Diego and then escorted to San Diego for burial on Tuesday of last week.

Chief Javines, 41, was a veteran of more than 18 years of active duty in the Navy. He is survived by his wife, Carmencita, of 300 Cisco St., Desert Park (Wherry housing), and their four children—Joel, 14; Christina, 13; Carmela, 11, and Jon, 9.

Last Friday's memorial service was conducted by Lt. Aquinas J. Smith, NWC Catholic chaplain.

Two intrepid historians, LeRoy C. Johnson, supervisor of the U.S. Forest Service's Institute of Forest Genetics at Placerville, Calif., and Richard Bush, also forester, are currently attempting to retrace the route taken by W. Lewis Manly and John Rogers in January 1850 from Furnace Creek, in the Death Valley National Monument, to the San Francisquito Rancho, near Newhall, Calif.

Manly and Rogers were the two men who hiked out of Death Valley across the Argus Range to Indian Wells, south to Last Chance Canyon, across what is now Edwards Air Force Base, through Soledad Canyon to the Rancho, searching for a settlement where they could get help for the Bennett-Arcane party of immigrants lost in Death Valley.

They took nearly a month for the 300-mile trek (which they had thought would only take 10 days), but returned in time to save the wagon party from dying of starvation and thirst.

Johnson and Bush's historic hike included a two-day trip across the confines of the Naval Weapons Center, guided by two NWC employees. Fred C. Camphausen, who is a member of the Indian Wells Valley Search and Rescue Team

and the China Lake Mountain Rescue Group, guided the men on Saturday through Wilson Canyon, and Fred Weals, who is head of the Ground Operations Division's Projects Branch, met the party at the Star of the West Mine and took the pair to the western boundary of the Center. Johnson and Bush continued on to Indian Wells, arriving there just after the sun set on Sunday.

The journey for Johnson and Bush began on Jan. 15 and will end approximately the middle of February, as it did for Manly and Rogers. The planned itinerary of the trek has been researched and closely correlated by Johnson with the Manly journals and other books written by Manly about the famous mercy mission.

Johnson, who made many inscriptions on maps that he carried with him and who took pictures of the terrain constantly, stated his main purpose for making the trek is to square away the inadequacies of the knowledge concerning the original route taken by the pair of rescuers in 1850.

He also said that he is not "overly satisfied" with the Wilson Canyon portion of the trip as "...many things did not jibe with Manly's original accounting."

It is thought that Johnson will return some time in the future to that portion of the trip to again look for yet another way over the Argus Range.

On hand Sunday night at the Indian Wells Lodge to greet the hikers were a small group of well-wishers and amateur historians. They were Tillie Barling, who is NWC's natural resources specialist; Fred and Martina Camphausen; Fred and Helen Weals; Mrs. J. R. Jackson, wife of LCDR. J. R. Jackson, the Public Works Department's Shops Engineer; Mary Neufeld, secretary to Capt. W. H. Sturman, NWC's Public Works Officer; Mary Dedecker, a writer-photographer for Sierra Magazine; Matt and Rosemary Ryan, he is the former superintendent of Death Valley National Monument, and Bill Hornbrook.

Hornbrook, a retired forester, is also Johnson's father-in-law. He is providing food and logistics support at certain points along the way of the historic 300-mile hike.

J. H. McGlothlin, head of the NWC Public Affairs Office, cleared the way for the two men to journey across Center ranges. According to Mrs. Barling, much coordination was needed as the men traveled through restricted areas. "History is one of our area's outstanding resources," said Mrs. Barling. "These men are attempting to retrace the route taken by those who were probably the first white men through the Argus Range, and for that reason, every assistance was offered them," she added.

### CPO Wives Club To Install Officers

The annual installation of officers of the Chief Petty Officers' Wives Club will be held at the CPO Club tonight, during a dinner-dance that will start at 7:30.

The evening will begin at 6:30 with a no-host cocktail party, followed by the installation ceremony and dinner.

Additional information can be obtained by calling Rena Schmidt at 446-5632.

File applications for above with Linda Grossman, Bldg. 34, Rm. 204, Ph. 2925.

**Friday, January 26, 1973**

**Friday, January 26, 1973**

## IWV Homemaker Service To Elect New Directors at Meeting Feb. 1

The Homemakers Service of Indian Wells Valley will hold its first meeting of the new year next Thursday, Feb. 1, in the recreation room of the Immanuel Baptist Church, 201 Graaf St., starting at 7:30 p.m.

Principal item of business on the agenda will be the election of three new members to the group's board of directors. Past progress and plans for the future also will be discussed.

## Trustees Picked at Meeting Of Maturango Museum Bd.

Dr. Kristin Berry, Carroll Evans and Pat LaBerge were elected to serve on the Maturango Museum's board of trustees at the annual dinner meeting of the museum held Jan. 23 in the Chief Petty Officers' Club. The new trustees will serve three year terms.

The remaining members of the board are George Silberberg, president; Ken Pringle, secretary; Al Gould, treasurer; Mrs. Henry

### Opportunities

(Continued from Page 2)

control officer for the facilities used by this branch. As firing officer he is responsible for the safe conduct of all explosive operations including test firings, charge preparation, storage and handling of explosive materials and maintenance of safety equipment and facilities. He develops safe operating procedures for new operations and prepares all safety documents such as GOP's, GOI's, SOI's and limit sheets as required. Where tests or operations are to be conducted outside the branch facilities the incumbent is responsible to coordinate the work, schedule tests and maintain liaison with test facility personnel. Job Relevant Criteria: Ability to recognize and interpret safety aspects of experiments; work effectively with engineers, scientists and support personnel. Must have a good background in firing site operation, explosive handling, and knowledge of the basic principles of explosive chemistry and detonation phenomena. In addition to a working knowledge in these areas he must also have considerable training and experience in the safety aspects of explosive handling and test site operation. Must have electronics background and instrumentation background. Experience in the use of counters, scopes, and other measuring devices. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Mechanical Engineer, GS-830-11 or 12, or Physicist, GS-1310-11 or 12, PD No. 7345008, Code 4541 — This position is that of senior engineer for explosive applications. Incumbent must be capable of conducting hazardous analysis studies related to explosive safety studies in the area of explosives and explosive equipment. Must have a good understanding of explosive components and how to test explosive components. Will occasionally supervise other engineers or technicians to achieve data collection. The incumbent will act as a resource to other personnel both on and off the Center in the area of hazard analysis. Will be required to give reports both orally and in writing. Must be fully aware of safety regulations and capable of developing GOP's, GOI's and SOI's to meet both national and local safety requirements. Job Relevant Criteria: Must be a scientist or engineer with an extensive background in, and understanding of explosives and explosively generated phenomena. Minimum of four years of progressive experience in explosives, and use of explosives in weapons. Must be thoroughly familiar with military ordnance R&D and in the transition from applied research to design to production. Minimum Qualification Requirements: Four years of general and three years of specialized experience as specified in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Ordnanceman (EP&E) WG 6502-7, JD No. 247-2, (2 positions), Code 4541—Measures, mixes, dries, melts and blends bulk high explosives, plastic binder materials, and special additives to produce experimental batches of explosives compositions. Assembles molds, jigs, mandrels, and risers, and casts explosives into desired shapes. Sets up testing equipment and tests experimental explosive compositions. Job Relevant Criteria: Ability to read and interpret specifications and sketches; use arithmetic and some algebra; be familiar with set ups for experimental mixing, casting, and pressing operations. Must be familiar with chemicals, solvents, explosives and hazards associated with their use. Ability to use gages, dividers, scribes, micrometers, balances and other hand tools. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

**ROCKETEER**



**TO PERFORM HERE**—The Grand Land Singers, a college-age choral group, will present a program of patriotic music tonight at 8 at the Center Theater. Sponsored by the youth of the Church of Jesus Christ of Latter-day Saints in Ridgecrest, the Grand Land Singers will base their program on the proud heritage of America. Tickets are priced at \$2 for adults, \$1.50 for students and military personnel. There also is a special family rate of \$6. Persons who wish to purchase tickets in advance may do so by calling Dave Taylor, at NWC ext. 3753, or 446-3459 after 4:30 p.m. Tickets also will be available tonight at the theater box office.

## Vincent Price Due on Center Theater Stage Tuesday Night

A program, entitled "Three American Voices," will be presented by Vincent Price, famous star of stage, screen and television, at 8 p.m. Tuesday at the Center Theater, as the third offering of the China Lake Civic Concert Association's 1972-73 season.

Price, who is considered the top "platform" performer in the world today, will read from the works of three great American artists — poet Walt Whitman, painter James A. McNeill Whistler and playwright Tennessee Williams.

The readings to be enlivened by Price are selections from "Leaves of Grass" (Whitman), "The Gentle Art of Making Enemies," by Whistler, and "The Last of My Solid Gold Watches," by Williams.

Price is also a noted art consultant, connoisseur, critic and collector. His initial aim in life was

to become a teacher and collector of art.

However, while working for a master's degree at London University in England he landed his first theatrical role (as a lark) and from that point on, turned his Wesleyan University.

In addition, he is a member of the board of the Archives of American Art, the National Committee of Whitney Museum of American Art, the Royal Academy of Arts in England, and the Art Council of the University of California.

He and his wife, Mary, have established reputations as gourmet cooks and together have written a best-selling cookbook, "Treasury of Great Recipes."

In addition, Price is the author of two other books entitled "I Like What I Know," and "The Book of Joe."

Season tickets to the remaining three concerts, plus the Vincent Price program may still be purchased at \$10 for adults and \$5 for students and enlisted personnel.

Single admission tickets for next week's program only will be on sale at the door of the theater. They are priced at \$5 for adults and \$1.50 for students and military personnel.

### Family Night Slated At Navy Mess Hall

The first in what is being planned as a series of monthly family night dinners will be served from 4 to 6:30 p.m. Monday at the Naval Weapons Center's Enlisted Dining Facility (general mess).

A night in Naples is the theme of Monday night's dinner, which will feature Italian food.

Price, who is a man of many gifts and talents is also an amateur archaeologist and anthropologist.

The actor has received an honorary doctor's degree from the California College of Arts and Crafts, and an LL.D. from Ohio Wesleyan University.

Military men are encouraged to bring their families out for the Monday night dinner, and for all future such events.



**MUSEUM OFFICERS**—Officers of the Maturango Museum's board of trustees are shown at the museum's annual dinner meeting held Tuesday evening at the Chief Petty Officers' Club. They are (left to right), Carroll Evans, vice-president; George Silberberg, president; Ken Pringle, secretary, and Al Gould, Sr., treasurer. Evans, along with Dr. Kristin Berry and Pat LaBerge, was elected to a three-year term as a trustee of the museum at the meeting.