

Benefit showings of 'Godspell' will be staged Sunday

"Godspell," the locally-acclaimed minstrel musical version of the Gospel according to St. Matthew, will be presented in two benefit performances on Sunday at 5:30 and 8:30 p.m. in the Cerro Coso Community Lecture Hall.

Proceeds from these performances will be donated to Sunshine House, an activity center for the handicapped that is sponsored by the Indian Wells Valley Association for the Retarded, and go into a fund that is being set aside for the purchase of a van to be used for transportation to and from the activity center, or for field trips.

Since all of the profits will go toward the cost of the van, there will be no special rates for anyone attending the performances on Sunday. Tickets, priced at \$2.50 per person, will be on sale at the door, or can be obtained in advance at the Station Pharmacy, the Gift Mart in Ridgecrest, at Sunshine House (101 Dorado St., Wherry Housing), or by calling either Florence Green, the director, or Rose Varga, president of We Care.

Attendance at the play, presented by Cerro Coso College's Theatre 27 drama class, built from a few at the first matinee to turn-away crowds for the final two performances. Those who were unable to see "Godspell" during its first run can now take advantage of this second chance by attending the benefit shows.

Members of the cast are Mitch Lyons, Richard Olsen, Loren Dorrell, Barbara Hintz, Marsha Burgner, Chris Davis, Jan Hardy, Barbara Van Buskirk, Richard Paulsen, Daryl Turner, Laurie King, Sherry Brubaker and John Hand.

Bruce Amos is in charge of lighting, while Janet Gardner is the property manager, and Gizelle Matulef is in charge of publicity and programs.

Christmas Parade entries due Nov. 28

Groups or individuals interested in taking part in the sixth annual Christmas Parade in Ridgecrest have just one more week (through next Friday, Nov. 28) to fill out and return an entry form.

The applications are available at Ridgecrest Chamber of Commerce office, 301 S. China Lake Blvd., and can be returned there or mailed to the CoC, P.O. Box 771, Ridgecrest. The entry forms also can be obtained at the Ridge Theatre.

"An Old-Fashioned Christmas" is the theme of this year's parade, which will be held on Saturday, Dec. 13, starting at 2 p.m.

This year, churches throughout the local area are invited to enter floats and there will be another new Christmas Parade category open to horse-drawn vehicles.



HOLIDAY SEASON ICE-BREAKER — The fifth annual Holiday Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers' Mess, turned out to be highly successful as the crowds of shoppers in the above photos indicate. Rear Admiral R. G. Freeman III, NWC Commander, cut the ribbon to signal the opening of this gala affair last Friday morning at the Community Center. Booths manned by nearly 30 local organizations displayed a wide variety of handiwork, as well as such holiday goodies as candies, jams and jellies, pies, cakes, sweet rolls and homemade breads. The sale of these items, plus Christmas cards and stationery, dried floral arrangements, wall plaques, pillows and stuffed animals (to mention some of the Holiday Bazaar merchandise) raised a total of \$19,446 that will be used for a number of community service projects and philanthropic purposes. —Photos by Ron Allen

Duo-harpists Longstreth & Escosa to present concert Monday night

The second concert of the 1975-76 season to be sponsored by the Indian Wells Valley Concert Association (formerly the China Lake Civic Concert Association) will feature Longstreth and Escosa, duo-harpists, who will appear on-stage at the Center theater for a program that will begin at 7:30 p.m. Monday.

The two musicians are returning to the area after an absence of four years. During their last visit to China Lake in 1971, the harpists' concert drew much praise and critical acclaim from local audiences.

They have been widely hailed in recent years by virtue of their almost incredible record of well over 400 concerts played since the 1969-70 concert season.

The two musicians are native Hoosiers. Both Joe Longstreth and John Escosa were introduced to the harp at Wainwright Music Camp in Indiana, but they did not meet the collaborate until they were proven individual successes.

Escosa's musical training was furthered

at the Juilliard School in New York City, and Longstreth studied at the Conservatorio di Santa Cecilia in Rome, Italy.

Their program at China Lake will include a wide variety of music written and adapted for two harps. They will lead off with "Passacaglia," written by George Frederic Handel and then perform Handel's "Andante Allegro," Opus 4, No. 6.

Next on the program will be "Largo," originally a violin sonata written by Johann Sebastian Bach, followed up by two other Bach numbers — "Jesu, Joy of Man's Desiring," and "Toccatina with Fugue in D Minor."

Three compositions from the pen of Claude Debussy are next. They are "La Cathedrale Engloutie," "La Fille aux Cheveux de Lin," and the famous, "Clair de Lune." Maurice Ravel's "Laideronette, Imperatrice des Pagodes" will precede a musical number, "Trompe L'oeil," that was written by Escosa.

Following an intermission, the duo-harpists will tell concert-goers something about their instruments and (after the program) those in the audience will be encouraged to come up on the stage to have a closer look at their traditional and modern harps.

Selections from Rodgers and Hammerstein's "The Sound of Music" will be next on the program, which will conclude with "Pot-Pourri," melodies for the times, including "Yankee Doodle" as it might have been played in 1776, 1876 and 1976.

Tickets for admission to the Longstreth and Escosa concert are priced at \$6 each, with a half-price rate of \$3 for young people under 21, senior citizens 65 and over, and enlisted military personnel.

Reserved seat tickets will be on sale at the Center theater box office from 4:30 to 6 p.m. today and tomorrow, and also will be sold on Monday from 4:30 to curtain time at 7:30 p.m.

In addition, passes for the balance of the season — which provide a savings of up to 50 per cent compared to single admission prices — also are available and can be obtained by contacting either Carroll Evans, phone 375-5681, or Carl Helmick at 375-2929.

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. 21 NOV.

"SCALAWAG" (93 Min.)
Kirk Douglas, Mark Lester
(Action Comedy) A peg-legged pirate chief and his band of cut-throats rob another pirate band, disposing of the crew and burying the treasure. A talkative parrot discloses the gold's burial place, and an all-out race follows with every man for himself. (G)

SAT. 22 NOV.

"THE POSEIDON ADVENTURE" (117 Min.)
Gene Hackman, Ernest Borgnine
(Adventure) Recounts the incredible trek of a handful of survivors through the mangled structure of the luxury liner S.S. Poseidon, which has been hit and overturned by a tidal wave while at sea. (PG)

SUN. 23 NOV.

"WALKING TALL PART II" (103 Min.)
Bo Svenson, Luke Askew
(Action Drama) Tennessee Sheriff Buford Pusser decides to continue attempts to clean up crime in McNairy County after recovering from a car crash arranged by his enemies in which his wife was killed. Against the wishes of those who fear for his safety, Pusser begins tracking down the criminal element which backs moonshining and other illegal activities. (PG)

MON. 24 NOV.

Indian Wells Valley Concert Ass'n. presents LONGSTRETH & ESCOSA, duo-harpists—7:30 p.m.

TUE. 25 NOV.

"BREAKOUT" (97 Min.)
Charles Bronson, Robert Duvall
(Action Drama) Robert Duvall is framed by grandfather John Huston and imprisoned in Mexico to keep his fingers out of the family empire. But Duvall's wife, Jill Ireland, is bound and determined to spring him and enlists the aid of Charles Bronson. No easy task. It turns out, since Huston is paying off Mexican prison officials and tipping plans for the escape. (PG)

WED. 26 NOV.

"THE GREAT GATSBY" (141 Min.)
Robert Redford, Mia Farrow
(Drama) Fitzgerald's "expose" of the Jazz Age looks at the wealthy, sophisticated society of another era, and at one of the most enduring love stories of all time. (PG)

THURS. 27 NOV.

"THE McCULLOUGH" (93 Min.)
Forest Tucker, Julie Adams
(Drama) Taking place in a small, mid-western town during 1949, this film deals with the problems of family life. Forest Tucker plays J. J. McCullough, father of four children, who cannot accept the fact his children are growing older. (PG)

AND

"JOHN PAUL JONES" (126 Min.)
Robert Stack, Mac Donald Carey
(Historical) Biographical drama of John Paul Jones and his valiant fight for a strong American Navy and the part he took in America's fight for independence.

FRI. 28 NOV.

"PAUL AND MICHELLE" (104 Min.)
Anisee Alvina, Sean Barry
(Drama) In this sequel to "Friends," a study of underage lovers, Paul seeks Michelle, the love he had been forcibly separated from and the mother of his child. (R)

U.S. Government Printing Office: 1975 - 642 / N0410

From: _____

_____ PLACE STAMP HERE

To: _____



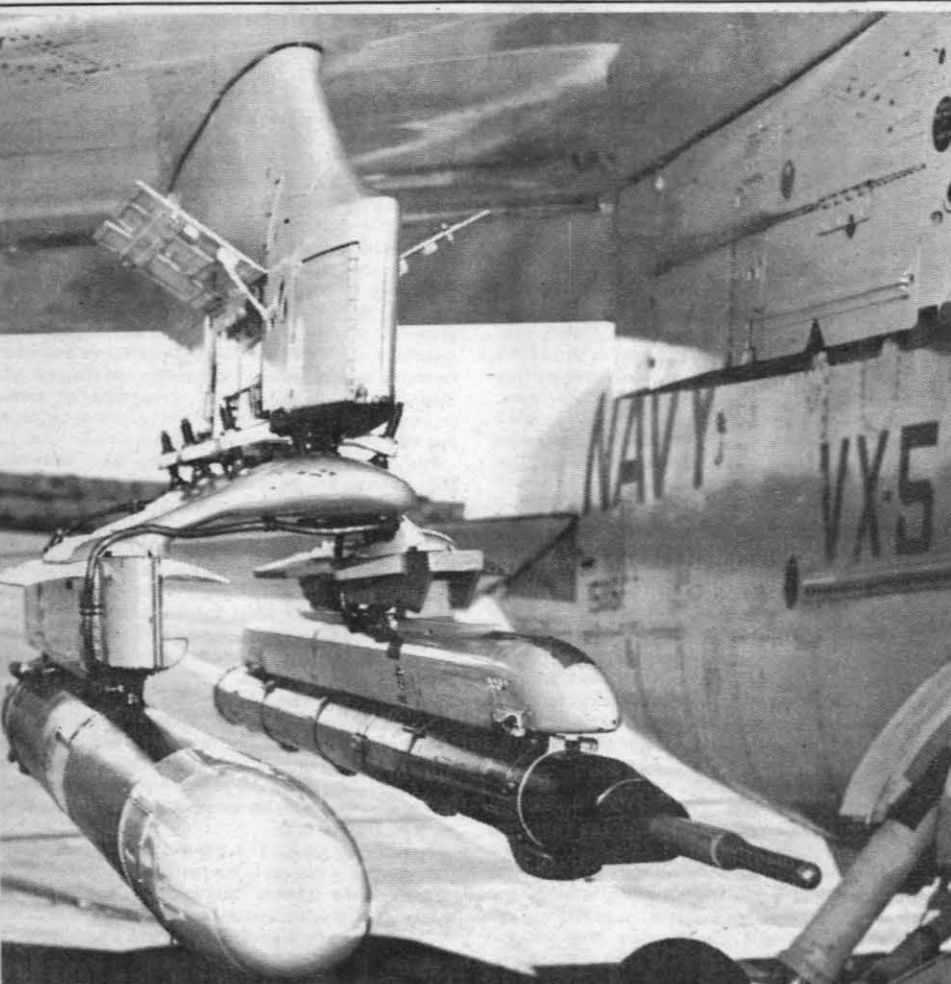
Naval Weapons Center
China Lake
California

Vol. XXX, No. 46

Nov. 21, 1975

INSIDE . . .

Diorama Show Planned 2
New TV System Nearly Ready 3
Marines Celebrate 200th Birthday 4
Sports 6
Mini-Aircraft Built, Flown 7
Concert Program Slated Monday 8



CAPTIVE FIRING METHOD DEVELOPED AT NWC — A Shrike missile (L.) and a communications pod are shown under the wing of a Corsair II aircraft that will be used to train pilots in the captive firing of Shrike at the Air Combat Maneuvering Range at Yuma, Ariz. The method used to perform the captive firings, and still record data while training pilots, was developed at NWC by Dick Settles and Wayne Krantz, utilizing dual launch equipment already available. The communications pod (on right), built into the shape of a Sidewinder missile, was developed by Cubic Corp. of San Diego. It is connected to an LAU7 launcher and an ADU299 aircraft adapter. The Shrike is mounted under an AERO 5A launcher (originally designed for Bullpup) and connected to a dual launch adapter.

Effective, inexpensive means of conducting Shrike pilot training programs developed

While searching for a viable, effective and inexpensive means of conducting Shrike pilot training programs, personnel of the Shrike Production Office in the Engineering Department's Product Design Division came up with a method that accomplished all of the objectives.

Prior to recent tests, all Shrike pilot training was accomplished using a combination of captive flight and live firings of missiles at a tremendous cost to the government.

The new method which consists of captive flight firings linked to a communications pod was performed at the Air Combat Maneuvering Range (ACMR) at Yuma, Ariz.

NWC personnel found they could gain a maximum utilization of standard equipment readily available while making only a minimum of modifications. This was done by developing an assembly using a Shrike dual launch adapter, an Aero 5A launcher, an ADU299 aircraft adapter, an LAU7 launcher, a standard Shrike training missile, and an ACMR transmitting pod.

The transmitting pod was designed for use on a Sidewinder launch rail while training for air-to-air combat on the ACMR. According to Jack Patterson, manager of the air-to-ground Shrike pilot training program, this method can be adapted to all versions of the A4 Skyhawk, A6 Intruder and A7 Corsair aircraft, without modifications.

Flights using this assembly were conducted on Sept. 19 and again on Oct. 24, with unqualified success. "This clearly demonstrates the feasibility of using the present equipment on the ACMR," Patterson said.

"The benefits to the pilot are greater than those received from spending millions of dollars on live firing training, and at a fraction of the cost. In addition, this method requires much less time," Patterson added.

Planning for the program commenced in March. Funding and permission to use the ACMR was obtained in August. Although the recent flights conclusively proved the feasibility, efforts to refine and improve the program will continue.

The ACMR was developed by Cubic Corporation of San Diego, along with numerous subcontractors, for the U.S. Navy. It is currently operational in the Dry Wells desert area adjacent to Marine Corps Air Station, Yuma, Ariz. Its purpose is to train pilots in air-to-air combat (dog fighting). The actual training flight takes place at Yuma, which is data-linked to a war room located at the Miramar Naval Air Station, north of San Diego. This is the "control room."

In the war room, an instructor pilot sits at a console that looks like something out of a "Buck Rogers" comic strip. He views the maneuvering aircraft via a three-dimensional screen upon which it is graphically displayed, very much like watching television.

The exception is that at the same time on another screen, there appears a digital read-out of all the pertinent data the pilot needs to know, such as altitude of the aircraft, airspace, angle-of-attack, airspeed, G rating, and angular rates of attack. The system also monitors weapons switches and AIM 7 / AIM 9 data for hit or miss analysis after each shot.

Pilot of the VX-5 A7E Corsair aircraft used in the tests was Lt. Robert Ramsay. Dick Settles developed the simulator launch assembly. He was assisted by Wayne Krantz.

Jim Rieger and Bill Ramey designed and fabricated the signal conditioners for the launcher. Bob Forrester, of the Weapons Department, and Lt. Ramsey are the technical advisors for the continuing development of the program.

In addition, much valuable assistance was given to the program by Glenn Sney, Jim Walker, Tom Flynn, personnel from Cubic Corp., and two NWC Marines — GySgt. Sheldon Simonovich and GySgt. John Evans.

Bicentennial Town Meeting set at Cerro Coso College Saturday

A day-long Bicentennial Town Meeting, reminiscent of and based upon the kind of gatherings that were common-place during the early days of this nation's history, will be held tomorrow, starting with registration at 8:30 a.m. at the Cerro Coso Community College.

This community forum is open to all interested residents of an area that takes in Searles Valley and the Rand District, as well as citizens of the Indian Wells Valley, Bill Bersie, chairman of the IWW Bicentennial Steering Committee, stated.

Its purpose is to seek to draw on the talents and interests of local residents who may not often attend city council, community council, school board, water board or similar meetings, but who have a vital stake in the future welfare of the entire area and have a valuable contribution to make in examining present-day problems and proposing possible solutions to the challenges the future can be expected to bring, Bersie added.

Expert Help Available

Robert Knutsen, a representative of the Institute of Cultural Affairs (ICA), will be here with several of his co-workers from Los Angeles to help set the broad guidelines for this Town Meeting. It is only the fourth such session to be held in California and is being conducted as a part of Indian Wells Valley's involvement in the nation's Bicentennial observance.

During the opening general session, the ICA staff and local volunteers (headed by the Rev. William Charlton, general chairman of the Town Meeting) will outline the kinds of challenges in social, economic and cultural fields, those attending the

Town Meeting will be tackling later in small group discussions.

Special guests slated to be present during the opening general session, while in-

(Continued on Page 3)



FIRST VISIT TO NWC — Rear Admiral S. L. Gravely, Jr., Commandant of the 11th Naval District, this past Monday paid his first visit to the Naval Weapons Center since assuming his present duties in September. During part of his day-long stay, he is shown with Capt. Conrad B. Olson, Commanding Officer of the Naval Air Facility, discussing the coordinated effort that is required between NAF military personnel and civilian employees of the Test and Evaluation Department while weapons test work is being carried out on the NWC ranges. Also covered in the meeting of RAdm. Gravely and Capt. Olson were the relationship of NAF personnel and facilities to the mission of the 11th Naval District, as well as the support that NAF is able to provide both to operating units and shore-based forces assigned to RAdm. Gravely's command. —Photo by Ray Hocker

Michelson Awards to be presented

Presentation of the Michelson Laboratories awards will take place at a no-host reception that will begin at 11:15 a.m. Monday, at the Commissioned Officers' Mess.

Four persons have been singled out to receive the awards, which will be presented by Rear Admiral R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director.

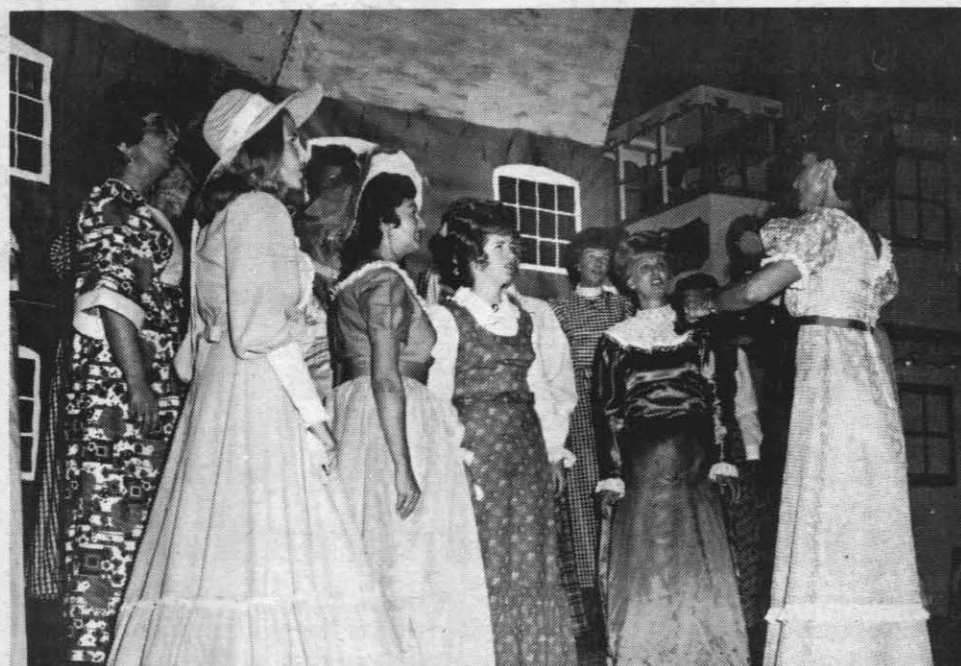
The Michelson Laboratories awards were designed to recognize outstanding individual administrative and professional excellence or technical excellence, based on singular effort in the performance of individual duties.

These awards are complimentary to the Center's highest local award — the L.T.E. Thompson award.

Reservations to attend the reception and luncheon that will follow can be made by calling NWC ext. 2634 no later than 4:30 p.m. today.



Longstreth & Escosa, duo-harpists



SUCCESSFUL SHOW — Lovers of vocal music harmonizing were treated to an enjoyable time last Saturday night during a program that was presented by members of the Indian Wells Chapter of the Sweet Adelines and the China Lake Chapter of the Society for the Preservation and Encouragement of Barbershop Quartet Singing in America (SPEBSQSA). Wearing costumes of the period when showboats cruised the rivers of the Old South, and following a script written by Jan Arisman, the program moved along smoothly from arrival of the showboat to the antics and songs on shore along the levee. Romantic leads in this production were portrayed by Nicki Haven and Gordon Fox (in photo at left). In the top photo, Eleanor Hartwig is directing members of the Sweet Adelines' chorus in one of their selections. While the Medallions, a local barbershop quartet was unable to perform due to the illness of one of its members, the 139th St. Quartet (composed of men from three different SPEBSQSA chapters in the South Bay area of Los Angeles) made up for this loss by its crowd-pleasing performance.



Model builders' Diorama Show set Dec. 6

A Diorama Show, sponsored by the Special Services Youth Center and Hobby Shop, will be held on Saturday, Dec. 6, at the Youth Gym. Those planning to enter the show are encouraged to plan their entry in detail so that the viewers will immediately know the overall intent of the display. Registrations must be completed and turned in by 5 p.m. on Saturday, Nov. 29. Applications, complete instructions, and rules are now available at the Youth Center and the Hobby Shop during business hours. A diorama is any figure or object interacting with its scenic base, another figure, or object to depict a realistic scene. Aircrafts, armor, ships, cars, and figures can be used in creating such displays. Entrants will be divided into three age groups. They are for youngsters up to 9 years of age, those 10 through 13 years old, and 14 through 18.

The base of the diorama may not exceed 16 by 20 in., and figures, buildings or other objects must be constructed to a scale of either 1/48th and smaller or 1/47th and larger. The contest will be judged by members of the High Desert Scale Modelers Association, a chapter of the International Plastic Modelers Society. Although the contest is limited to young people through 18 years of age, adults are encouraged to present displays and are not required to follow the prescribed scale. **Film slides to be shown** The China Lake Mountain Rescue Group's color film slide show on recent climbing experiences in British Columbia and the Sierra Nevada mountains will be presented again at 7:30 p.m. Tuesday, in the Las Flores School auditorium. Admission is free.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 456 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Police Dispatcher, GS-301-3/4, PD No. 758405, Code 843 — Incumbent performs dispatching duties for the China Lake Police Division and maintains radio communications with NWC Guard Post, Fire Division, NIS, and off-center police agencies. Coordinates and controls radio traffic between police units, responds to requests for assistance by police units and/or notifies appropriate source, furnishes requested information to the public or refers to appropriate authority. **Job Relevant Criteria:** Experience handling complaints from the public, exercising tact and good order. Ability to work effectively in stress situations. Some typing ability is required.

Guard, GS-083-3/4 (3 vacancies), PD No. 738404, Code 8430 — These are temporary positions not to exceed one year. May lead to permanent position. Positions are located in the Police Division of the Security Department. Incumbent performs assigned duties at a fixed post and a patrol (foot or vehicle). Must have veterans' preference. Duties include controlling entry and exit of personnel (i.e., protection of buildings, areas, personnel) and enforcement of regulations. The incumbent will work one of three watches - day, night or morning. **Job Relevant Criteria:** Ability to express his/herself clearly in writing. Ability to deal factually with people. Must be in good physical condition.

Clark-Typist, GS-322-3/4, PD No. 7437873N, Code 3734 — This position is located in the Range Support Branch of the Test and Evaluation Department. Incumbent types official letters, maintains files, receives visitors, answers telephones, and performs other various clerical duties for branch personnel. **Job Relevant Criteria:** Reliability and dependability, ability to get along with others in work group, ability to type efficiently and accurately.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 206, Ph. 3277.

Engineering Technician, GS-002-7/11, PD No. 7555178, Code 5516 — This position is located in the Materials Engineering Branch, Engineering Services Division, Engineering Department. The incumbent designs and constructs experimental systems, subsystems and components dealing with the Materials Program. For example, test fixtures, moulds for making samples, etc. The incumbent is responsible for compiling, correlating and analyzing various trends in experimental data, derived from tests conducted for specific purposes. **Job Relevant Criteria:** Ability to design and develop test procedures to materials testing. Ability to construct required equipment for carrying out required materials tests. Knowledge of the properties of materials (i.e., plastics and metals). Ability to analyze test data and draw meaningful conclusions.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 212, Ph. 2022.

Clerk-Typist, GS-322-3/4, PD No. 7340187, Code 4073 — This position is located in the Delivery Systems Analysis Branch of the Systems Development Department. Incumbent will provide clerical assistance to the branch and division offices. Duties will include typing of both technical and non-technical correspondence, division memos, travel orders and other duties as assigned. **Job Relevant Criteria:** Demonstrated telephone reception skills. Experience typing administrative and technical subject matter. Ability to get along with others in work group. Experience in the operation of the magnetic tape electric typewriter is desirable.

File applications for the above with Charlotte Steckowski, Bldg. 34, Rm. 206, Ph. 3171.

Electronics Technician, GS-054-7/11, PD No. 7555177, Code 5513 — This position is located in the Environmental Engineering Branch, Engineering Services Division, Engineering Department. The incumbent performs tests using the branch vibration systems. Is responsible for design, construction and operation of electronic instrumentation circuitry for the environmental determination and qualification of specific weapon systems or components. In addition, prepares wiring schematics, illustrates the instrumentation arrangements, annotates test curves and oscillographic recording during testing and analysis. **Job Relevant Criteria:** Knowledge of vibration testing techniques and processes. Knowledge of design, construction and operation of electronic instrumentation circuitry. Ability to document work results in written form.

File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Air Conditioning Equipment Mechanic Helper, WG-5306-5, JD No. 159-2, Code 4553 — Assists journeyman in duties primarily involving installation, repair and replacement of gas fired heating equipment, refrigerated and evaporative air conditioning and ventilating equipment.

File applications for the above with Tina Lowe, Bldg. 34, Rm. 206, Ph. 2723.

Clerk (Typing), GS-301-4/5, PD No. 7553089, Code 531 — Working in the division office, incumbent provides general

will participate in a Prejourneymen Development Program. **Job Relevant Criteria:** Reliability and dependability, shop aptitude and interest, ability to follow direction in shop, dexterity and safety and ability to work as a member of a team. **Promotion potential:** Can advance to Air Conditioning Equipment Mechanic, WG-11.

Engineering Technician, GS-002-7/11, PD No. 7445045, Code 4533 — Incumbent sets up instruments and acts as firing officer in testing of ordnance items in fast cook-off and slow cook-off environments. Designs and constructs test items support fixtures and restraining systems. Designs, installs, and maintains facilities, support systems. Calibrates and operates data logger, strip chart recorders, video and audio recording systems and other recording devices as required. Reduces and analyzes test data. **Job Relevant Criteria:** Knowledge of safety procedures in testing ordnance items. Ability to calibrate and operate data instrumentation systems.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2370.

Supervisory Shop Planner (General), WN-4701-4, PD No. 470001E, Code 70403 — This position is located in the Scheduling Section, Maintenance-Utilities Division, Public Works Department. Duties include planning the work of subordinates, reviewing progress of scheduled activities, assuming scheduling duties in the absence of the maintenance scheduler, and supervising administrative duties. **Job Relevant Criteria:** Ability to supervise shop planning and scheduling functions. Technical competence and knowledge of different relevant lines of work. Knowledge of pertinent materials, tools and equipment. Ability to plan and organize work. Ability to suggest and apply new methods. Ability to work with others (includes ability to meet deadline dates under pressure and adaptability).

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 210, Ph. 2370.

Engineering Technician, GS-002-7/11, PD No. 7555178, Code 5516 — This position is located in the Materials Engineering Branch, Engineering Services Division, Engineering Department. The incumbent designs and constructs experimental systems, subsystems and components dealing with the Materials Program. For example, test fixtures, moulds for making samples, etc. The incumbent is responsible for compiling, correlating and analyzing various trends in experimental data, derived from tests conducted for specific purposes. **Job Relevant Criteria:** Ability to design and develop test procedures to materials testing. Ability to construct required equipment for carrying out required materials tests. Knowledge of the properties of materials (i.e., plastics and metals). Ability to analyze test data and draw meaningful conclusions.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 212, Ph. 2022.

Clerk-Typist, GS-322-3/4, PD No. 7340187, Code 4073 — This position is located in the Delivery Systems Analysis Branch of the Systems Development Department. Incumbent will provide clerical assistance to the branch and division offices. Duties will include typing of both technical and non-technical correspondence, division memos, travel orders and other duties as assigned. **Job Relevant Criteria:** Demonstrated telephone reception skills. Experience typing administrative and technical subject matter. Ability to get along with others in work group. Experience in the operation of the magnetic tape electric typewriter is desirable.

File applications for the above with Charlotte Steckowski, Bldg. 34, Rm. 206, Ph. 3171.

Electronics Technician, GS-054-7/11, PD No. 7555177, Code 5513 — This position is located in the Environmental Engineering Branch, Engineering Services Division, Engineering Department. The incumbent performs tests using the branch vibration systems. Is responsible for design, construction and operation of electronic instrumentation circuitry for the environmental determination and qualification of specific weapon systems or components. In addition, prepares wiring schematics, illustrates the instrumentation arrangements, annotates test curves and oscillographic recording during testing and analysis. **Job Relevant Criteria:** Knowledge of vibration testing techniques and processes. Knowledge of design, construction and operation of electronic instrumentation circuitry. Ability to document work results in written form.

File applications for the above with Tina Lowe, Bldg. 34, Rm. 206, Ph. 2723.

Clerk (Typing), GS-301-4/5, PD No. 7553089, Code 531 — Working in the division office, incumbent provides general

(Continued on Page 7)



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 0700 0830 1130
 Sunday

BLESSED SACRAMENT CHAPEL
 MASS
 Daily except Saturday 1135

CONFESSIONS
 Saturday 1615 to 1645
 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
 Sunday Kindergarten thru 6th grades 1015
 Pre-school 1130
 Wednesday First thru sixth 1530
 seventh & eighth 1900
 (Junior High)

Above classes are held in Chapel Annexes across from Center Restaurant. As announced "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES
 EAST WING — ALL FAITH CHAPEL
 Sabbath Services every Friday 2000

UNITARIANS
 CHAPEL ANNEX 95
 Services — (Sept.-May) 1910
 Sunday

FINAL WEEKEND — "Barefoot in the Park," the hilarious Neil Simon comedy, has its final performances tonight and tomorrow, starting at 8:15 at the China Lake Players' Hut, 405 McInire St., China Lake. Bill Bennisson and Linda Webb have drawn raves in this highly successful show, directed by Robbie Robbins. Due to the limited seating capacity of the Hut, tickets are sold on a reserved basis only. They are priced at \$2 for adults and \$1.25 for students and military personnel. For reservations, call 446-4043.

The Rocketeer

Official Weekly Publication
 Naval Weapons Center
 China Lake, California
 RAdm. Rowland G. Freeman III
 NWC Commander
 Dr. G. L. Hollingsworth
 Technical Director

C. E. Van Hagan
 Head,
 Technical Information Department
 Don R. Yockey
 Editor
 Coy Jones
 Associate Editor (Act'g)
 Terri Jacks
 Editorial Assistant
 Ron Allen
 Staff Photographer

DEADLINES:
 Tuesday, 4:30 p.m.
 Tuesday, 11:30 a.m.
 The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exos P35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
 Phones 3354, 3355, 2347



Burros win . . .

(Continued from Page 6)

Three more running plays with McDowell, Blanche and Charlton alternating as ball carriers moved the pigskin to the 1, but the first half ended with QB Martin stopped a foot short of the goal line.

The Burros opened the third quarter inauspiciously by a fumble on the first series of plays after taking the kickoff. Seeking to capitalize on this break, the Riffls ran the ball for two plays that picked up a 1st down on the Green and White 39. A pass from QB Steve Soto to Branch was good for 28 yds. and a first down on the Burros 11, but that touchdown threat was stopped four plays later on the 3-yd. line.

97 Yd. Touchdown Run
 An exchange of punts then gave the Burros the ball again on their own 7 yd. line, and McDowell thrilled hometown fans with a 97 yard touchdown run, before booting the PAT to put BHS out in front 7-0 with 2 min. left in the third quarter.

That set the stage for a thrilling final period of play that began with a 69-yd scoring drive by Barstow. Key play in this march was a 32 yd. gain by Branch, who was knocked out of bounds at the Burroughs 9-yd. line after catching a pass from Soto. Three plays later Soto and Branch teamed up on another pass completion that was good for a touchdown from 6 yds. out.

The Rifflians' tried for 2 points, but an offside penalty nullified their first attempt (which was successful) and Steve Cordle, a Burroughs defensive back, intercepted the second try from the 7-yd. line.

McDowell Scores Again
 Ahead by 7-6, the Burros were in good field position at their own 44 after the Rifflians, unsuccessfully attempted an on-side kick following their score. Eight plays later McDowell made a dive into the end zone for his second touchdown of the night to cap off a 56 yd. drive and again added the PAT to give Burroughs a 14-6 lead. Blanche set the stage for this touchdown as he gained 25 yds. on one run and 17 on another — both times after taking pitchouts from QB Martin.

The Barstow eleven matched this second tally by McDowell with a drive that carried from their own 17 and ended 83 yards later when Branch scampered into the end zone after catching a pass from Soto. The scoring play covered 42 yards and came with just 1 min. left to play in the game.

Trailing 14-12, the Rifflians knotted the count at 14-14 on a pass from Soto to Jim Pennell. This tally set the stage for the Burros' last-minute heroics that gave them a 20-14 win in an exciting climax to the 1976 Golden League season.

Competition for Admiral's Cup to continue Monday

The Admiral's Cup Athletic Competition will continue Monday when marksmanship teams from NWC, NAF and VX-5 military commands meet.

The marksmanship competition consists of trap, skeet and pistol shooting. Participants will fire 25 rounds each in the trap and skeet shooting event and 30 rounds for pistols.

Scoring will be according to American Trap Association and National Rifle Association standards. Points earned in each event will be considered in determining the overall marksmanship score for each team.

The Admiral's Cup Athletic Competition consists of a sporting event each month from July through June between the three commands at the Naval Weapons Center. At the end of this 12-month period, the NWC Commander will award a perpetual trophy to the command with the most points, and an "Athlete of the Year" plaque will be presented to the individual who has compiled the highest number of points.

NAF currently leads the overall competition with 14 points, followed by VX-5 with 12 and NWC with 10 points. Up to the present time, there has been competition in bowling, water polo, golf and flag football.

Flying miniature aircraft is intriguing hobby

By J. D. Gerrard Gough

Occasionally, on a bright weekend morning, it almost seems as though Kittyhawk is being replayed on the sands in a remote corner of Mirror Lake. Certainly, the principal drama elements are the same — a couple of visibly apprehensive men fussing over an untested aircraft, making ready for its first flight, and a small group of well wishers, almost as nervous.

The main difference is, of course, that this is no wood, wire, and canvas Wright Brothers "Flyer." On the contrary, it is a highly efficient flight vehicle featuring the most modern aerodynamic design, and carrying its own sophisticated radio control system.

Remarkably, it is only about one-sixth the size of a conventional aircraft.

Another Difference Noted
 And there is another difference. The men who build and fly their machines at Mirror Lake have little in common with the pioneer birdmen. Whereas Orville and Wilbur's grasp of aeronautical science was rudimentary at best, that of the typical Mirror Lake flyer is professionally expert by comparison. This, regardless of education and profession as the group includes engineers and writers, scientists and administrators. A little over a year ago, they banded together and formed a club.

They light heartedly call themselves the "Valley Vultures." But despite the funny name, they are serious and dedicated to their cause: radio-controlled miniature aircraft. They disdain the popular term "model airplanes" as they are sensitive to the old saw "the only difference between men and little boys is the cost of their toys."

Financial Risk Runs High
 The objects of the Vultures' consuming passion can hardly be called toys. Rather, these products of local home workshops (and often, living rooms) reflect the exacting design considerations of full-scale piloted aircraft. Care is taken in building, too, as the financial risk to the builder/flyer can be high. Often the survival of several hundred dollars worth of radio gear, engine and building materials is the principal table stake in the first test flight of an untried creation.

And there are other risks — safety, for example. A flight vehicle weighing several pounds traveling at high speed shares the potential of a barrage weapon. That's principally why the Valley Vultures were formed just over a year ago. It was a consensus among the handful of seasoned, experienced builders that flying safety rules at Mirror Lake should be as strict as



MAIDEN FLIGHT SUCCESSFUL — Mirror Lake was the setting recently for the initial flight of this radio-controlled model of a flying wing aircraft that was built by Ernie Cozzens, a member of the Valley Vultures. Cozzens, who is head of the Engineering Department's Product Assurance Division, is shown making a last-minute adjustment on the miniature aircraft (its wing span is 65 in.) prior to take-off. When the weather is right for it members of the Valley Vultures can be found on almost any weekend out on Mirror Lake flying model aircraft they have built. There are 40 members in the group, which is headed by Charles Pierce as president, and meetings are held on the first or second Wednesday of each month at the Training Center. Additional information about the Valley Vultures can be obtained by writing to the club at P.O. Box 883, Ridgecrest. —Photo by Ron Allen

those of a national standard — namely, those of the Academy of Model Aeronautics. The Vultures, incidentally, are an affiliate chapter of that organization.

There is another need for discipline at the flying site — frequency control. Simply stated, preventing your aircraft from being inadvertently "shot down" by someone turning on a transmitter set on the same radio frequency.

But beyond the objectives of safety and control, the club sets a high priority on its missions of contributing to the overall science of radio-control building and flying.

New ideas, new techniques, currently experienced problems and solutions are discussed at the regular Vultures' meeting (usually the first Wednesday of the month). Similarly, a newsletter each month helps to make even the most rugged individualist feel like a part of the group.

What drives the Valley Vultures? The

answer might be elusive. Probably the average club member would offer a predictable response "It's great fun!" After all, that's what any hobby should realize. But there are other, less obvious aspects of this particular hobby. For example, the vital role of remote piloted vehicles (RPVs) is dramatically emerging — going beyond that of a humble target drone to a vehicle capable of just about any mission ascribed to manned aircraft. In a broad sense, the activities at Mirror Lake correspond to a major national defense effort.

Perhaps mindful of this, some of the Valley Vultures recall a local legend: Once upon a time — back in the late '40s — a man ran some informal experiments in his garage at China Lake. Out of these emerged the Sidewinder missile!

Opportunities . . .

(Continued from Page 2)

clerical, filing, receptionist, and typing duties to the Publications Officer and Head, Publications Division of the Technical Information Department. This includes maintaining the division head's calendar, routing mail within the division, maintaining division files, collecting information needed by the division head for reports and presentations, and maintaining publication data records. **Job Relevant Criteria:** Familiarity with organization and work of Technical Information Department. Experience in establishing and maintaining file systems. Ability to compile information for reports.

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

General Engineer, GS-001-11/12, PD No. 758060, Code 801 — This position is located in the Weapons Systems Cost Analysis Division. The incumbent is responsible for performing cost analysis at various levels and including life cycle costs. He develops documentation covering all phases of system requirements and design approaches supports the development or improvement of life cycle work breakdown structures, and acts as government representative on projects. **Job Relevant Criteria:** Must have experience in systems engineering/analysis. Must have engineering design experience. Must have experience in engineering economics.

Clerk (Typing), GS-301-04, Intermittent, PD No. 751201, Code 12 — This position is located in the Intelligence Current Capabilities Library of the Weapons Planning Group. The incumbent will be responsible for providing the basic clerical functions associated with this library including: maintaining an index of the existing contents; the library and adding new documents to the index; a deleting obsolete or outdated documents, ordering new documents from catalogues, lists or at the request of user of supervisors, making changes or adding updated information to basic documents, assisting library users in locating the documents pertinent to their needs, notifying users when new information pertinent to their projects is acquired, and refiling documents. Also responsible for operating a teletype computer terminal for searching microfiche collection of about 100,000 intelligence documents and for filing and retrieving microfiche from the files. **Job Relevant Criteria:** Must have typing or filing experience. Ability to deal competently and effectively with people. Ability to work independently. Experience in using computer resources is desirable but not mandatory.

File applications for the above with Dora Childers, Bldg. 34, Rm. 206, Ph. 2676.



ADDITIONAL HELP PROVIDED — The Laubach Literacy program sponsored by the NWC All Faith Chapel for the purpose of teaching English as a second language to the foreign-born, has taken on an added dimension with the recent addition of mini-courses in a variety of special fields. The first such course, which dealt with the procedures for opening new bank accounts, check writing and keeping an accurate checkbook balance, was taught by Mrs. Mary Flores (above), who has been a loan officer with the Bank of America for the past 15 years. Other mini-courses will be held on such subjects as driver education, letter and note-writing, proper use of the telephone and telephone book, economical shopping, nutritional cooking, and how to read signs and maps. Preparation for becoming eligible to obtain American citizenship also is offered participants in the Laubach Literacy program. —Photo by Ray Hocker



Wilt's Corner

Intramural League basketball play under way at gym

By Wilt Wyman
NWC Athletic Director

Seventeen teams are competing in two leagues in the China Lake Intramural Basketball League. Seven teams make up the open league and ten teams are vying in two divisions in the recreation league.

The season began this past Tuesday. Games are played each Tuesday, Wednesday and Thursday with the first game starting at 5:30 p.m. No games are scheduled next week.

Schedules have been completed and may be picked up at the gym along with the basketball rules.

Admiral's Cup
Racketball competition for the Admiral's Cup will take place on Dec. 8, 9 and 10. The court is reserved evenings for the VX-5, NWC and NAF teams to practice.

MDISL Trophy Accepted
Capt. C. B. Olson, Commanding Officer of the Naval Air Facility, accepted the overall and individual sports perpetual trophies on behalf of Radm. R. G. Freeman III, NWC Commander, at the annual Commanders' Awards Banquet held last Friday at Nellis Air Force Base in Las Vegas, Nev.

Sites for 1976 competition were selected at the annual business meeting. The tennis and golf competition will be staged at China Lake.

Boyd stresses need for increase in number of golfers

By Dick Boyd, President
China Lake Men's Golf Club

Some people seem to feel that use of the golf course is an "inalienable right." Recent guidance from CNO indicates that all recreational facilities, Navywide, will be receiving less non-appropriated funds. This fact, when coupled with the present inflation, will in all probability result in the golf course operating in the red.

The most often heard solution is to raise the fees. It is my contention that any further fee increase will be counter productive. I would rather see a really intense campaign to increase the membership. Many of us know of a person or persons who are semi-active golfers. We should try to convince these people that the game of golf needs them as active players.

With this in mind, all golfers must do their part to insure that our golf course remains in its present status. The first step is to elect a slate of officers who will provide positive and constructive leadership. Next, all members must become active and support their officers and the programs that are necessary to insure a good golf facility.

Last, but not least, each member must actively seek out potential members and encourage their participation and utilization of the course.

I firmly believe that there is a sufficient number of eligible people in the area to more than adequately support the golf course. An all-out effort by all members, both regular and associate, to promote the game of golf through actively soliciting new members will go a long way toward ensuring a viable golfing program.

Burros gain CIF again; host Nordhoff tonight

It's on to the CIF Class AA playoffs for the second year in a row tonight for the Burroughs High School varsity football team after a heart-stopping, 20-14, win in their Golden League finale last Friday night over the Barstow Riffians at Barstow.

The Burros, who finished a half game out of first place behind Antelope Valley of Lancaster in the Golden League, proved that football is indeed a game of inches to gain and seconds to play. The locals ran out of time at the end of a scoreless first half when a quarterback sneak by Drew Martin was stopped 12 in. short of the goal line.

Then, when it seemed almost certain they were destined to have to settle for a 14-14 tie, the locals roared back to tally the game-winning touchdown in the final 15 sec. of

Burroughs High School varsity gridders will play host tonight to their counterparts from Nordhoff High School, near Ojai, in the first round of the Class 2A California Interscholastic Federation (CIF) southern division playoffs. Kick-off time will be 8 p.m. at the Burros' football field.

This will be the first time ever for a Burroughs varsity football team to make it into the CIF playoffs for two consecutive years. Last season, the Burroughs went all the way to the championship game before losing to Neff High School.

Their opponents tonight garnered a spot in the CIF competition by tying for second place in the Frontier League.

The score topped off a drive that covered 55 yds. in just 49 sec. of playing time.

Steve Blanche, who had trouble hanging onto the ball (he bobbled it four times on pitchout plays that resulted in turnovers to Barstow) tallied the final 6 points after hauling in a pass from QB Martin on a play that gained 40 yards.

As Coach Bruce Bernhardt observed after the game: "It's toughest to pass when the other team knows its coming." Yet the Burros did just that as Martin hit Blanche first with an aerial that gained 15 yds. and a first down on the Riffians' 40-yd. line. Two plays later, Blanche hauled in another pass from Martin and the speedy halfback turned it into a touchdown gallop that won the game.

Raiders defeat Giants, 24-0, to win Senior Division title in IWV Youth Football League

The Raiders, of the Indian Wells Valley's Youth Football League, climaxed an undefeated season last Saturday by rolling to a 24-0 win over the Giants in a game played to decide the Senior Division championship. The Raiders, coached by Dick Page, with



BALL CARRIER LOOSE — Richie Drake, quarterback for the Raiders, picked up a good gain on this play during the championship contest between the Raiders and Giants in the IWV Youth Football League's Senior Division. Chasing Drake, who scored one touchdown and passed for another, is Dave Cordle, outside linebacker for the Giants. —Photo by Ron Allen



A SPORTS FIRST AT NWC — For the first time since the Mojave Desert Interservice League (MDISL) was started in 1959, teams and individual athletes representing the Naval Weapons Center have garnered both the overall team trophy and the minor sports trophy. Rear Admiral R. G. Freeman III, NWC Commander, earlier this week congratulated Wilt Wyman (at left) and John Shoaf as he accepted the trophies, which previously had been in the possession of Norton Air Force Base. Wyman is the NWC athletic director, while Shoaf heads the Special Services Branch that oversees administration of the Center's athletic programs and related activities. —Photo by Ray Hocker

A lot of credit has to go to Mark McDowell, who not only accounted for all 14 of the Burros' previous points, but gave the locals great field position by a 19 yd. kickoff return to the Green and White 45 yd. line moments after Barstow knotted the count at 14-14.

The heavily-favored Burros were stopped by their own miscues as two fumbles in the first quarter stymied drives of 46 and 31 yds. and gave the Riffians the ball on their own 36 and later on their own 18 yd. line.

The second period began with the Burros again knocking on the door after a pass from Martin to Blanche gained 38 yds. and a first down on the Barstow 12. Two cracks at the line netted just 3 yds. and the Burros again were frustrated by a fumble that the Riffians recovered on their own 12.

Inaugurated by this turn of events, the Riffians moved the ball 53 yds. to Green and White 35. This time it was Barstow's turn to bobble the ball and a Burroughs' player

recovered on the locals' 40-yd. line. It was the Riffians' speedy flanker, DuPree Branch, who coughed up the ball on an end around play, but Branch more than made up for this miscue by his fourth period heroics when he caught two touchdown passes.

With the time running out in the first half, Fullback Ken Charlton got the Burros rolling again with three running plays that gained 33 yards and a 1st down on the Barstow 27. After a short gainer by Blanche, McDowell ripped off 15 yds. and a 1st down on the 10 yd. stripe.

The heralded collision between the Cosmos and the Atoms ended in the first scoreless tie ever in the league. Therefore, the two teams remain deadlocked at the top with 8 points each.

In the game immediately following the Nov. 10 doubleheader, the Sounders continued their climb into contention with a 1-0 blanking of the Stars. In their last four games the Sounders sport a record of 2-0-2 while the division co-leaders, the Atoms and the Cosmos, have both been 0-0-4.

It is definitely a three-team race which will continue with a pair of games at Schoeffel Field on Monday.

Contests in both two-team divisions were decided in favor of the leaders. The score in the junior Pacific Division was Apollos 2, Comets 0, while in the senior National Division the Spurs defeated the Wolves 3-0.

Golf Club turkey shoot
The final tournament of the year — the annual turkey shoot — will take place at the China Lake Golf course tomorrow. Tee-off time for all participants will be about 9 a.m., immediately following the annual election of officers which is set for 8 a.m.

Youth basketball sign-ups
Saturday, Nov. 23, is the final day to sign up for youth basketball. Late entries will not be accepted.

All players must be a member of the Special Services Youth Center or obtain membership. An additional fee of \$7.50 will be charged for the basketball registration.

In addition, one or two turkeys will be given to the players coming closest to the hole on designated greens.

Trouble getting some antenna parts delays switchover to new TV system

Delay in the arrival of ultra-high frequency (UHF) receiving antennas for installation at "B" Mt. is all that is holding up switchover to the new television booster system, it was reported this week by Don Stanton, a supervisory electronics technician, who is in charge of the crew handling the work.

An order for the six additional UHF antennas that are needed at "B" Mt. was placed in September, but the manufacturer (Simplicity Tool Co. in Portland, Ore.) has been having trouble getting some of the parts, Stanton explained.

Once they arrive, it will be a relatively simple matter of mounting the antennas on poles, hooking them up and checking out the entire new TV booster system, since all of the other new equipment is in place at both Laurel and "B" Mts.

\$7,500 Deposit Made

The China Lake Community Council's board of directors, which oversees the television translator and booster station operation, paid a deposit of \$7,500 for the new equipment. The remaining \$67,500 that is due will be sent to the manufacturer when it is certain that the equipment will work satisfactorily.

The money was raised during a community-wide "Boost the Booster" fund drive that began last December and continued into early spring. Nearly \$90,000 was raised in order to update the TV booster system in compliance with Federal Communications Commission regulations.

Some of the money raised during the fund drive was spent to improve FM radio reception in the local area, leaving approximately \$83,000 to purchase the new equipment that has been installed and pay for the six additional UHF antennas that



RECEIVER CHECKED — Dan Ryan, an electronics technician in Code 3734, prepares to make final adjustments on the receiver unit for one of the UHF transmitters at Laurel Mt.

Report presented on plan for disposing of excess housing

A brief report on how things stand regarding the proposal for disposing of Naval Weapons Center housing that has been declared excess to the Navy's needs was presented at last week's meeting of the China Lake Community Council's board of directors.

According to Cal Fallgatter, head of the Public Works Department's Housing Division, the plan that was approved by the NWC Command has subsequently been endorsed by the 11th Naval District and is now in the hands of the Western Division of the Naval Facilities Engineering Command in San Bruno, Calif.

Other Hurdles To Be Cleared
There are a number of other hurdles to be cleared, however, before the General Services Administration (which ultimately will have the responsibility for sale of the homes) is able to proceed. These include approval by the Department of the Navy, Department of Defense and the Armed Services Committees of Congress.

From initial contacts by telephone and in person with GSA representatives in San Francisco, it has been learned that the magnitude of the task in disposing of 600 Wherry Housing units on a house-by-house basis poses some very real problems for GSA, and it's not known at this time how this will be resolved.

In an effort to help the situation, a meeting with Glenn Alsbrook, the man who in 1968 drafted the NWC Community Development Plan and a Guide to Comprehensive Planning and Development of the Indian Wells Valley (one of the inputs to the now-approved NWC master plan), will be held next Tuesday. Scheduled to meet with Alsbrook are representatives of NWC, the Community Council and the City of Ridgecrest.

Glass Recycling Center
In other business taken up at the Nov. 11 meeting of the Community Council, Jud Smith, a spokesman for the High Desert Recycling Center, presented a report on the proposed rules and procedures covering operation of a glass recycling center that is planned for the area near the China Lake tenant dump.

The plan suggested by Smith calls for the Community Council to appoint a committee that will be responsible for the day-to-day operation of the glass collection pit when work on it has been completed by SeaBees assigned to the NWC Self-Help Project Office.

Local residents will be encouraged to save non-returnable glass jars and bottles, bring them to the center and dump them into the receiving chutes. When a sufficient amount of glass (more than 25 tons) has been collected, the operating committee will make the necessary arrangements to empty the pit and sell the glass to the highest bidder.

Proceeds from the sale of the recyclable glass will go into the Community Council treasury to provide some working capital for the local civic group, and also be used to help meet a portion of the cost of operating such community facilities as the television booster station.

In balloting that was held to determine which of four candidates would succeed LCdr. John King, whose transfer to an overseas assignment left a vacancy on the CLCC board of directors, Chief Robert Kaufmann, the Naval Air Facility's maintenance line chief, was elected.

In addition, members of the Community Council board voted to contribute up to \$50 to help support the Bicentennial Town Meeting that will take place tomorrow at Cerro Coso Community College.

Energy conservation report contains some good, some bad news

Energy conservation results for the first four months of Fiscal Year 1976 reflect some good news and some bad news, Rick Davis, head of the Naval Weapons Center's Energy Conservation Office, reports.

The good news is that the commercial/industrial sector of NWC has achieved the goal of a 15 per cent reduction in the amount of energy consumed when compared to FY 1973 usage.

The bad news is that the housing sector of NWC has just barely achieved a 6 per cent reduction (the 4 month reduction in electrical power usage was only 2.9 per cent).

Now that the winter season is at hand the consumption of energy will increase for China Lake (maximum daily demand during the cooling season is 5 billion BTUs and goes up to 7 billion BTUs during the heating season). Along with this increased demand for energy, the Center must display increased concern for conservation.

Looking at the commercial/industrial sector only, the 15 per cent reduction in energy consumed resulted in a 15 per cent reduction in utility costs. NWC paid \$950,820 for utilities during the first four months of FY 1976 as opposed to \$1,117,567 had there been no conservation program. This is a savings of \$166,747.

Changes for both personnel listings and the yellow pages must be made on Director/Locator Cards (11ND-NWC-5400/2) that may be obtained from TELMART. Because of frequent misunderstandings, directory changes cannot be accepted by telephone.

The cooperation of all civilian employees and military employees in submitting cards for all future changes as they occur will assist in maintaining accurate and complete records for the telephone directory and for information operators.

Submit changes now for new phone book
The next Naval Weapons Center telephone directory is expected to be distributed during the week of Jan. 5, 1976.

In order for changes to be included in this new telephone directory, information must be received by the Communications Records Office, Code 0294, no later than 4 p.m. on Monday, Dec. 1.

It is requested that a thorough review be made of all current telephone listings (both in the personnel and classified sections of the directory), and that the following information be supplied if changes are desired: The individual's name, code, organization, room number and office telephone number.

A card should be submitted for each new permanent Civil Service employee and all military personnel who wish to be listed in the 1976 telephone directory. Do not, however, submit cards for temporary, WAE or summer hire employees.

Changes for both personnel listings and the yellow pages must be made on Director/Locator Cards (11ND-NWC-5400/2) that may be obtained from TELMART. Because of frequent misunderstandings, directory changes cannot be accepted by telephone.

The cooperation of all civilian employees and military employees in submitting cards for all future changes as they occur will assist in maintaining accurate and complete records for the telephone directory and for information operators.

Local residents not in a direct line with the Laurel to "B" Mt. television booster and translator system (those living in the Inyokern area, for example) right now can pick up the Channel 13 UHF signal on Channel 69 by pointing their TV antennas at Laurel Mt.

Town Meeting . . .
(Continued from Page 1)

structions for the workshops that will be the main business of the day are being given, are Larry Chimbole, State Assemblyman representing the 34th District, and LeRoy Jackson, 1st District representative on the Kern County Board of Supervisors.

Purpose of the morning workshop sessions is to take a hard look at current problems and attempt to forecast what the future holds in store problem-wise. The afternoon workshops will then be devoted to developing answers to the challenges of tomorrow, and there will be a closing general session for the purpose of summarizing the day's events and distributing copies of records of the day-long program.

Entertainment Planned
Before the attendees return to their afternoon meetings, a light lunch will be provided and there will be entertainment ranging from instrumental and vocal music selections by the Burroughs High School Stage Band and Madrigal Singers to a skit or two from the next Community Light Opera and Theatre Association production of "A Funny Thing Happened on the Way to the Forum."

The noon-time break also will include a presentation entitled "The Future and the American Citizen" that is a part of all Bicentennial Town Meetings being organized nationwide by the Institute of Cultural Affairs.

Small Donation Asked
As individuals register for the Town Meeting, they will be asked to contribute either \$1 (or 50 cents if they are a student or senior citizen). This money will be used to help defray a portion of the cost of the workshop materials each person will receive, as well as the light lunch that will be provided.

The Bicentennial Town Meeting is being made possible by the advance contributions from civic-minded groups, organizations, and business places.

For those who would like to attend the Town Meeting, but will need transportation, the place to call is the Ridgecrest Chamber of Commerce, 375-8331, to arrange for a ride.

Child care will be provided at the Cerro Coso Community College child care center in order to enable parents with young children to attend the Town Meeting.

Flag Pageant, annual ball highlight Marines' 200th birthday



LUSTER WAS ADDED to the Marine Corps Ball by the presence to two Congressional Medal of honor winners. One of them, Col. Archie Van Winkle, USMC (Ret.), was seated at the head table with Mrs. Marlene Paige, whose husband is the Marine Corps Liaison Officer at NWC.



THE MARINES' guest of honor at their annual birthday ball was Maj. Gen. Carl W. Hoffman, Commanding General of the Marine Corps Base at Camp Pendleton, Calif.



DURING THE VIETNAM WAR, 1st Sgt. Jimmie E. Howard, USMC (Ret.), earned the Congressional Medal of Honor for his conspicuous gallantry and bravery in action. Shown above with Mrs. R. G. Freeman, wife of the NWC Commander, he was another of the special guests at the Marine Corps Ball.



ANOTHER HONOREE at the Marine Corps Ball was Brig. Gen. W. Carvell Hall, USMC (Ret.), who is the oldest former Marine in the local area. He is seated between his wife and Lt. Col. R. B. Savage, USMC, Commanding Officer Marine Attack Squadron 331, a unit temporarily deployed here from Cherry Point, N.C., for special training. Behind them are members of VMA 331, who are outfitted in some of the various kinds of Marine Corps uniforms that were displayed as part of the ceremonies which preceded the dinner and dancing. The Woman Marine is from the USMC Recruiting Station in Lancaster.



THE TRADITIONAL PAGEANTRY that accompanies the Marine Corps Ball began with a prelude of appropriate musical selections played by the 1st Marine Division band from Camp Pendleton, followed by the entrance (shown above) of a color guard carrying the American flag and the Marine Corps' banner.



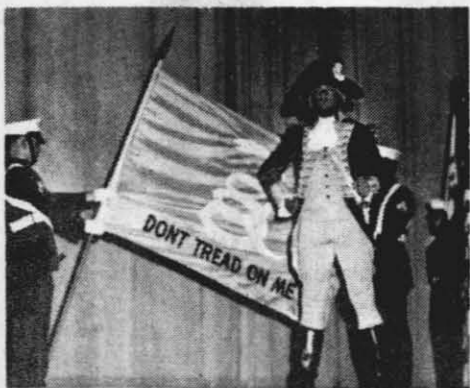
A REPLICA OF the Grand Union Flag, which was flown on John Paul Jones' ship (the Alfred) in 1775-76, was marched onto the Center theater stage during the Flag Pageant that was a part of the local observance of the Marine Corps' 200th anniversary.



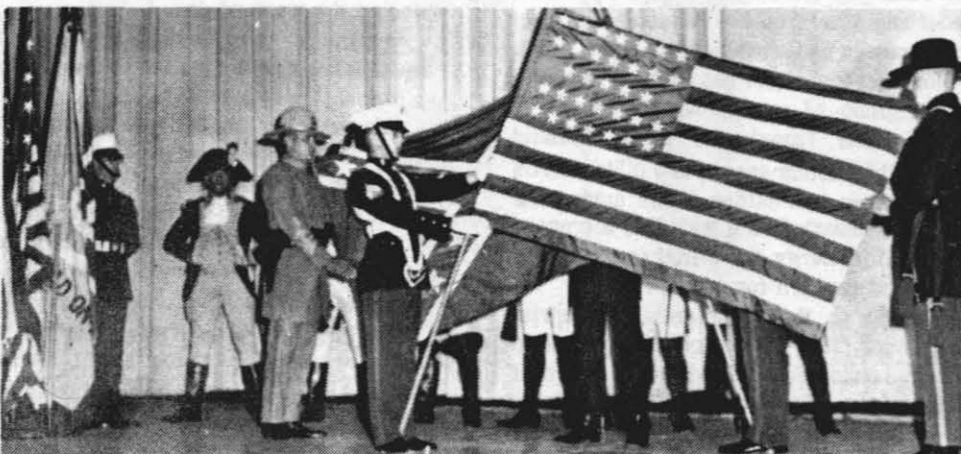
AS TOP RANKING Marine Corps officer at the Naval Weapons Center, Lt. Col Edwin C. Paige, Jr., head of the USMC Liaison Office at China Lake, introduced the guest of honor and other special guests who attended the Marine Corps' 200th anniversary birthday ball.



BOTH FLAGS and the uniforms of the Marines who fought to defend them were a part of the pageant that was presented here last Friday by present-day Leathernecks from the San Diego Marine Corps Recruit Depot's Sea School.



ANOTHER OF the flags flown at sea during the Revolutionary War was this banner of 13 stripes and a rattlesnake bearing the motto, "Don't tread on me."



AT THE TIME in U. S. history when this flag flew over the nation's capitol, there were just 33 states in the union, and uniforms of the Civil War era (at right) were worn by the Marines of that time.



TODAY, AS IN THE PAST, Marines stand ready to defend "Old Glory," a term first given to the American flag in 1831.

250 attend Marine Corps Ball at Commissioned Officers' Mess

A week-long celebration of the 200th anniversary of the U.S. Marine Corps was climaxed by the annual Marine Corps Ball held this past Saturday night at the Commissioned Officers' Mess.

The by-invitation-only affair was attended by 250 persons, who (before dinner) were treated to the presentation of a program with narration and appropriate music that covered the 200-year history of the Marine Corps, along with a look at the varied types of uniforms Leathernecks have worn from 1775 until the present time.

Music for this portion of the evening's activities, as well as for the dancing that rounded out the evening, was provided by the 1st Marine Division band from Camp Pendleton, Calif.

The uniforms covering the two centuries since the establishment of the Marine Corps were worn by personnel from Marine Attack Squadron 331, a unit now deployed at China Lake for special training, and the Women Marines were represented by a young woman assigned to duty at the USMC Recruiting Station in Lancaster.

Special guests of honor at the Marine Corps Ball, in addition to top ranking officers of the Naval Weapons Center, were Maj. Gen. Carl W. Hoffman, USMC Commanding General of the Marine Corps Base at Camp Pendleton, Calif.; and two former Marine Corps winners of the Congressional Medal of Honor—Col. Archie Van Winkle, USMC (Ret.), and 1st Sgt. Jimmie E. Howard, USMC (Ret.).

Appreciation was expressed by Lt. Col. Edwin C. Paige, Jr., head of the Marine Corps Liaison Office at NWC, to Capt. Robert N. Livingston, Commanding Officer of Air Test and Evaluation Squadron Five (VX-5), for the cooperation he extended in making it possible for two types of aircraft to be displayed outside the COM during the Marine Corps Ball.

On exhibit were an AF-4 Skyhawk and an AH-1J Sea Cobra helicopter. In addition, Dr. Carl Austin drove a self-propelled 155mm howitzer (on loan from the Marine Corps Supply Depot at Barstow) to the parking area in front of the COM, where it was on display along with the aircraft.

In the lobby of the COM were manikins attired in Marine Corps uniforms from Revolutionary War days up until the present time that were on loan from Roger Bender, an ex-Marine who lives in San Jose.

Special course for secretaries offered

A comprehensive, three-day program for office personnel, entitled "Creative Problem Solving for Secretaries," will be offered Dec. 15, 16, and 17 at the NWC Training Center.

Robert Adler, a consultant to the Civil Service Commission, will be the instructor. The study will concentrate on helping participants to sense problems in their work, studies and personal lives, and to properly define and attack these problems through creative problem-solving and decision making techniques.

Applications to attend this course must be submitted via proper department channels in time to reach Code 654 no later than Monday, Dec. 5.

Most facilities closed on Thanksgiving holiday

Most facilities on the Naval Weapons Center will be closed on Thanksgiving Day, next Thursday, Nov. 27.

Special Services activities that will be open are the golf course, bowling alley, gymnasium, and theater.

Hours of operation at the golf course will be from 7:30 a.m. to 5 p.m., while Hall memorial lanes will conduct business from 11 a.m. to 11 p.m. The gymnasium will remain open from 11 a.m. to 7 p.m., and the theater will follow its regular hours on the holiday.

All other business and recreational facilities, including the Navy Exchange stores, Package Store, Toyland, Commissary Store, snack bars, and all activities of the Employee Services Board will be closed in observance of the holiday.



THE WEEK-LONG observance of the 200th anniversary of the Marine Corps included a meeting of the Indian Wells Valley Council of the Navy League. Featured speaker on this occasion was Brig. Gen. John K. Davis, USMC (standing), Assistant Wing Commander of the 3rd Marine Aircraft Wing at El Toro, Calif., who presented an update on the role of U.S. Marine Corps aviation. Seated at the head table next to the speaker's rostrum are Mrs. Ralph Herrick (on left), wife of the local Navy League's secretary; Vern Smith, first vice-president and master of ceremonies for the evening, and Mrs. Milford Carlson, whose husband is a national director of the Navy League. —Photo by Ray Hocker

Happenings around NWC

Appointments for counseling are now being taken from Naval Weapons Center employees who are currently enrolled or interested in enrolling in the external degree program in Business Administration that is being offered by Cal-State Bakersfield.

Advisors from CSB will be here on Dec. 8. Employees wishing to make arrangements to see them can do so by calling the Training Center, ext. 2359, for an appointment.

Dance Set at Chaparral

The New Good Grief band will provide the music for a dance tonight at the Chaparral Club, according to Walt Schimke, the club manager.

Regular weekend hours will be resumed tomorrow when the Chaparral Club will be open on Saturdays and Sundays from 6 p.m. to midnight. The club also is open Monday through Thursday, from 11 a.m. to midnight, and on Fridays, from 11 a.m. to 2 a.m.

Square Dance Planned

A square dance, featuring Ron Welch, a popular caller from Modesto, Calif., will be held tomorrow night, starting at 8 o'clock, at the Community Center.

Arrangements for this event have been made by the Jim Dandies Square Dance Club, and all square dancers in the local area are invited to attend. No admission will be charged, but donations will be welcome to help defray expenses.

Final two UPWARD Seminars of year slated on Center

Two Equal Employment Opportunity UPWARD Seminars remain to be held in 1975.

These three-day sessions are scheduled for Dec. 3-5, and Dec. 17-19.

UPWARD (Understanding Personal Worth and Racial Dignity) seminars are an educational program for military personnel in middle management levels, junior officers, and enlisted personnel, and for all civilian employees of the Naval Weapons Center.

They deal with questions of racial attitudes and prejudices. The seminars feature films and small group interactions to encourage discussion.

Each session is limited to 20 participants—10 civilians and 10 military personnel.

Nominations can be made by submitting an enrollment form to Code 654 via proper departmental channels in time for it to arrive no later than 10 days prior to the first class meeting of the particular session an individual wishes to attend.

Members of the Burroughs High School Class of 1965 will celebrate their 10th reunion with a dinner-dance on Saturday, Nov. 29, in the Community Center.

Festivities will begin at 6 p.m. with a social hour, followed with dinner at 7 p.m. and dancing at 9 p.m.

All interested persons are asked to call 377-5111 or 446-3252 for more information.

College schedules lecture by antique dealer on Sunday

Joan Del Monte, antique dealer and UCLA instructor of contemporary collecting classes, will speak on "Collectibles, or Not Quite Antiques," on Sunday at 2 p.m. in the Cerro Coso Community College Lecture Hall.

Collectibles, in contrast to antiques — objects over 100 years old — are more recent things that are in the spotlight today. These "not quite antiques" range from old bottles, kitchenware items, American Indian artifacts to Mickey Mouse watches and endless other objects.

Mrs. Del Monte says: "People really do want to learn about the items which are showing up at flea markets. I try to talk about the type of items which people still have some chance of finding."

Tickets for the program are on sale at the Gift Mart, the NWC Pharmacy, and the college Business Office. General admission is \$2, and \$1 for CCSB cardholders.



Joan Del Monte

Thanksgiving

A bountiful Thanksgiving feast will be served continuously from 2 to 5 p.m. on Thanksgiving Day, Thursday, Nov. 27, at the Enlisted dining hall, located in Bldg. 880 on King Ave. just north of the Police Station.

Thanksgiving MENU

ENTREE

Roast Tom Turkey	Glazed Baked Ham
Turkey Gravy	Pineapple Sauce
Snowflake Potatoes	Candied Sweet Potatoes
Buttered Green Peas	Buttered Whole Grain Corn
Savory Bread Dressing	Chilled Cranberry Sauce

SALADS

Waldorf Salad	Turkey Noodle Soup
Fresh Garden Salad	Crisp Sallines
Fruit Salad	Relish Tray

DESSERTS

Pumpkin Pie	Hot Brown and Serve Rolls
Whipped Cream	Chilled Butter Patties
Fruit Cake	Assorted Dressings
Coconut Layer Cake	
Mixed Nuts	
Ice Cream	
Fresh Fruit Tray	
Hard Candy	

DRINKS

Fresh Egg Nog	
Chilled Fresh Milk	
Assorted Fountain Drinks	
Coffee	
Tea	