

CLOTA's '1776' To Open At Lecture Center Tonight

Romance, pathos, laughter and politics (yes, politics), will come to the Burroughs High School Lecture Center tonight, as the first production of CLOTA's 1973-74 season gets under way.

"1776" is a musical comedy about the events leading to the signing of the Declaration of Independence, and political maneuvering is the fabric of the plot.

William R. Blanc, director, who has had experience in many facets of theater with the Riverside Community Players, has chosen a dedicated cast and crew, many of whom worked with him in last year's highly successful "Mame" for CLOTA.

A husband-wife team, Russell and Sherry Parker, also old "Mame" hands, are serving as musical director and assistant director, respectively.

Other members of the technical staff are Alan Paulsen, technical director; Elena Vitale, stage manager; Georgia Knudsen and Carol Woodridge, choreographers; Vivian Childers and Eleanor Lotee, costumers; Vernon Green and Marjane Ackers, lighting; Annie Blanc, make-up and production assistant; June Renfro, prompter; Eleanor Stanford, set dresser; and last, but far from least, June Deatherage and Dave Chapman, scene designers.

A talented cast is headed by Alex Bellen as John Adams, Herb Childers (John Dickinson), Jim Rosolanka (Benjamin Franklin), Greg Erdmann (Edward Rutledge), Rick Menz (Thomas Jefferson), Doug Blew (John Hancock), Joan Renner (Abigail Adams), and Debbie Wood (Martha Jefferson).

John Anderson, CLOTA board liaison for the show, will be selling

CLOTA season tickets at the door on performance evenings, as well as tickets to "1776" alone.

Other plays scheduled this season are "Hello Dolly," "A Lion in Winter," and "Star-Spangled Girl." Anderson also points out that the performance schedule for "1776" (March 9, 10, 11, 16 and 17) contains an innovation: a Sunday performance (March 11) which has been planned for the convenience of theatergoers who might otherwise miss seeing the play due to other weekend commitments.

Curtain time for all performances is 8:15 p.m. and tickets can be purchased from members of the cast, at the Gift Mart and the NWC Pharmacy, as well as at the door prior to each show.

Admission prices are \$2.50 for adults and \$1.25 for children through high school.

Catbird...

(Continued from Page 10) ended the day with a 69 — three under par.

"This is my first sub-par finish (143, one under par) since I joined the tour," Pat said.

The week before, Pat shot a 173 total for 36 holes — an 89 and an 84. "Of course, the wind was blowing and the weather was terrible, but that's no excuse. I shot terrible. I really suffered a breakdown in concentration, but I think I've got it back now," he said.

The ace at Western Hills was Pat's third. Previously, he had scored holes-in-one on No. 8 and also on No. 11 here at China Lake.

I just heard that Pat clicked for \$655 more in the tournament this week, held at Mission Viejo Country Club. He's on his way!



A MAN OF STATURE — Getting ready for tonight's opening of "1776," costume creators Eleanor Lotee (left) and Vivian Childers take the measure of Fred Stahlman, who portrays Samuel Chase of Maryland. The two women report it took seven yards of corduroy to sew Stahlman's costume. They and their helpers have also sewed colonial period costumes for 24 other men and two women. Directed by William R. Blanc, "1776" also will be staged tomorrow and Sunday evenings as well as on March 16 and 17. The show will be performed at the Burroughs High School Lecture Center. Curtain time is 8:15 each evening.

DEF Advisory Council of Clubs To Discuss Activities at Fairground

Plans for major activities coming up during the spring and fall at the Desert Empire Fairgrounds in Ridgecrest will be discussed at a meeting of the DEF Advisory Council of Clubs that is to be held at 8 p.m. Monday at the Knights of Columbus Hall, 700 W. Ridgecrest Blvd.

The calendar of events at the

fairgrounds includes a mobile home show at Joshua Community Hall on April 13, 14 and 15; the Desert Empire Rodeo, May 5-6; the annual Spring Festival, May 31 through June 4, and the 1973 Desert Empire Fair, Sept. 19 to 23.

More than half of the 41 booths that will be available at a fee of \$45 each have been taken by exhibitors who will display not only mobile homes, but home furnishings and allied items as well from April 13 through 15, it was reported by Rae Leonard, chairman of the Advisory Council of Clubs.

A tally also will be taken at Monday night's meeting of member groups of the Advisory Council of Clubs that will be participating in this year's Spring Festival—an annual event sponsored by the Knights of Columbus.

In addition, applications will be taken Monday night from groups interested in selling food at the rodeo on May 5 and 6, and Betty Rivera will be on hand to register candidates and their sponsors for the Desert Empire Fair's membership queen contest that is currently under way.

Blue Cross Man Due

Gordon Ellis, the Blue Cross-Blue Shield Insurance representative, will be at the Community Center on Tuesday, from 10 a.m. until 2 p.m.

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. "JEREMIAH JOHNSON" (CS 108 Min.)

Robert Redford, Charles Tyner (Drama) Sourced on civilization, Jeremiah Johnson is determined to find a different way of life. This yearning prompts his decision to become a mountain man. With supplies and a smattering of hunting and trapping advice he rides off toward the Rockies. What follows is a most interesting film and an excellent lesson in survival. (PG)

SAT. —MATINEE—

"THE EXTRAORDINARY SEAMAN" (STD 80 Min.)

David Niven, Faye Dunaway — EVENING — "RAGE" (CS 99 Min.)

George C. Scott, Richard Basehart (Drama) Scott plays a Wyoming sheep rancher who camps out in the mountains one night with his 12-year-old son and both unknowingly get whiffs of a new toxic chemical which the Army is testing. Inadvertently the chemical escaped from its container, in a plane which flew over the area. (PG)

SUN. & MON. 11-12 Mar.

"THE LAST MOVIE" (108 Min.)

Dennis Hopper, Julie Adams (Drama) A Hollywood crew makes a film about Billy the Kid in a small Peruvian village. The natives, unable to tell make-believe from reality, plan their own imaginary version, in which they plan to kill a man. (R)

TUES. & WED. 13-14 Mar.

"THE SOUND OF MUSIC" (CS 172 Min.)

Julie Andrews, Christopher Plummer (Musical) A postulant at Nonnberg Abbey in Salzburg is sent to act as governess to seven motherless children. (G)

THURS. & FRI. 15-16 Mar.

"THE ANDERSON TAPES" (STD 98 Min.)

(Suspense Drama) The story of an epic million-dollar robbery of a luxury apartment building on New York's fashionable upper East Side. (PG)

Coupons Available For Special Events

Discount coupons are now available at the Community Center for admission to three upcoming events in the Los Angeles area, Art Amos, manager of the Community Center, announced.

Reduced-price tickets can be obtained for the Recreational Vehicle Show, which ends Sunday at Dodger Stadium; for the Boat and Marine Show, which begins today and runs through Saturday, March 17, at the Anaheim Convention Center; and for the Pool, Garden and Patio Show that is to be held from March 28 through April 1 at the Los Angeles Sports Arena.

From _____

TO _____

PLACE STAMP HERE

nwc rocketeer

March 9, 1973

Vol. XXVIII No. 10

Naval Weapons Center
China Lake
California

Safety, Medical Depts. Stage Realistic Mass Casualty Drill

A mass casualty drill, carried out so realistically that a number of passers-by thought it was the real thing and stopped to offer their help, took place on Thursday morning of last week.

The feeling of realism that those passing by sensed wasn't misplaced, for only a few officials in the Safety Department and at the Dispensary who were in charge of planning the drill were aware that it wasn't the real thing.

The firemen and police officers who responded to the alarm did so believing that they had a true emergency situation on their hands, while even the members of the NWC Dispensary staff who knew that a drill was scheduled, had no idea concerning exactly when it would occur, or what the extent and number of casualties would be.

The imaginary situation that brought firemen and police rushing

to the intersection of Knox Rd. and Lauritsen Rd. was a reported collision between a bus in which the driver had suffered a heart attack and a large ammunition truck.

Those reaching the scene were informed that one passenger in the bus had been "killed" and 10 other passengers as well as the bus driver had suffered injuries ranging from mild to severe. In addition, for the purposes of the drill, two men in the ammunition truck were reported to be injured, with one of them being "thrown" to the side of the road.

First to reach the accident location were personnel from the NWC Fire and Police Divisions, who assisted with the removal of those labeled "injured" from the damaged vehicles, and began administering first aid until a physician could arrive to examine those involved in the make-believe mishap.

The physician stated that he was not really needed at the scene, however, due to the excellent care being rendered by Fire Division personnel.

As the drill was carried out, it permitted officials to observe the proficiency of firemen and ambulance attendants in attending to the needs of accident victims. It also was a test of the correct method of transporting injured persons.

Among the types of injuries that were simulated were profuse bleeding due to a jugular vein cut by broken glass, severe burns and a dislocated shoulder that had to be immobilized before the victim could be moved. In addition, some "broken" bones were splinted.

The "injured" were taken immediately by ambulance to the NWC Dispensary, where complete "examinations" were conducted, "injuries" evaluated and "treatment" ordered, following which all who required "hospitali-

(Continued on Page 5)

Public Hearing on School Unification Set March 20

A public hearing for the purpose of providing information on unification of schools in this northeast portion of Kern County has been scheduled on Tuesday, March 20, starting at 7:30 p.m. at the Burroughs High School Lecture Center.

The meeting has been called by Harry Blair, Kern County superintendent of schools, and will be conducted by a representative of his office.

Purpose of the hearing is to provide the latest impartial information on the combining of grades kindergarten through twelve into one unified school district that will include the China Lake Elementary, Indian Wells Valley Union and Rand School Districts, as well as Burroughs High.

At the request of the boards of

trustees of the China Lake and IWV School District boards, an election on the question of unification of schools in this area will be held on Tuesday, May 1.

The public hearing has been set up in order to provide factual in-

(Continued on Page 3)

Citizen Gp. At Work on Study Of Unification

With a vote on the complex question of unification of schools in the local area coming up in 6½ weeks, a newly-formed Citizens Advisory Committee on Unification has its work cut out for it.

Purpose of the group, which is headed by Bill Hattabaugh of China Lake, Dr. Rex Shacklett of Ridgecrest and A. J. Napolis, Sr., of Randsburg, as co-chairmen, is to determine what questions pertaining to unification of schools are uppermost in the minds of local residents, and see that these questions are answered — in addition to making sure that all possible information on the pros and cons of unification becomes public knowledge prior to the election on May 1.

Six sub-committees have been (Continued on Page 3)

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REALISTIC DRILL STAGED — A test of emergency preparedness was carried out on Thursday morning of last week when firemen, police and medical personnel took part in a mass casualty drill. Although this was only a drill, the participants didn't know this ahead of time. The air of realism that prevailed even spread to some persons passing by, who stopped to offer their help at the simulated accident scene shown above.



CONGRATULATIONS IN ORDER — Capt. R. S. Moore (at right), Commanding Officer of the Naval Air Facility, was the recent recipient of a significant achievement award in safety, which he accepted on behalf of the officers and men of his command. The presentation was made by Capt. D. W. Alderton, Deputy Commander of the Naval Weapons Center, while Lt. T. D. Ware (at left), NAF Safety Officer, looked on. During the period from February 1971 to December 1972, NAF personnel compiled 2 million man-hours on the job without a disabling work injury. This is an all-time high for safe operations at NAF.

Suit Filed for Refund Of Taxes Paid on Retirement

The line is rapidly forming of federal Civil Service employees and postal workers who are filing claims in hope of obtaining a refund of income taxes previously paid on contributions to the Civil Service retirement fund.

At the present time, the National Association of Internal Revenue Employees (NAIRE) and the National Association of Letter Carriers (NALC) is involved in litigation in the federal District Court in Detroit, contending that federal and postal employees' mandatory 7 percent of salary contribution to the Civil Service retirement fund is not taxable as income.

Since there is a three year statute of limitations governing such matters, a claim for this refund concerning the calendar year 1969 must be filed on or before April 15, 1973. Similar claims for the taxable years 1970 and 1971 may be

filed at the same time.

Getting any tax refund, however, depends on a favorable court ruling, and it is anticipated that regardless of the way the federal District Court in Detroit rules, there will be appeals by the unions or the government all the way up to the Supreme Court.

This admittedly could take several years, but the point is that if the unions win and the 7 percent of salary income tax is declared illegal, then federal Civil Service and postal workers will have to have filed their claims for a refund of 1969 taxes at this time in order to get it.

Forms for use in filing claims are available now at the Community Center. By filing now for 1969, 1970 and 1971, employees would insure themselves of a refund for these years—if at some time in the future the courts, uphold the positions of NALC and NAIRE.

ADR3 Jacobson Selected As 'Bluejacket of Month'

Aviation Mechanic (Reciprocal) Third Class Richard A. Jacobson, of the Naval Air Facility, has been selected as NWC's "Bluejacket of the Month" for March.

The OV-10 plane captain, who is assigned to the NAF cold line, has been at China Lake for the past 2½ years. The Naval Air Facility was his first duty assignment following graduation from "A" School in Memphis, Tenn.

As a result of being chosen as this month's "Bluejacket," Jacobson and his wife, Susan, will be treated to an all-expenses paid weekend in Bakersfield by the Greater Bakersfield Chamber of Commerce. They will depart the local area on Friday, March 23, in a new Ford loaned to them for the weekend by Doug Butler, of Desert Motors in Ridgecrest.

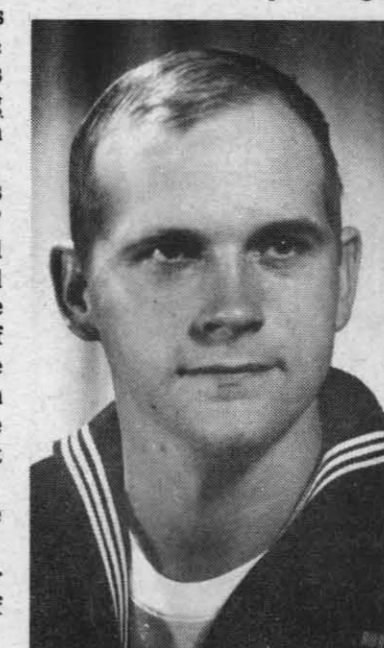
While in Bakersfield, the Bluejacket and his wife will stay at the Royal Inn and receive their meals at the International House of Pancakes.

In addition, Jacobson will receive free gift certificates and a package containing discount coupons, redeemable by merchant members of the Greater Bakersfield CofC.

Jacobson was born in Willits, Calif., but was raised in

Sacramento. He was graduated from Woodland High School, in Woodland (near Sacramento) and entered the U.S. Navy on Dec. 30, 1969.

He took his boot camp training at



ADR3 Richard A. Jacobson

San Diego, and was then sent to Memphis. While at China Lake, Jacobson has attended OV-10 school, at Camp Pendleton, Calif.,

(Continued on Page 4)

Annual 'Photo Fair' To Open Tomorrow



TO MODEL FOR PHOTOGRAPHERS — Jennie Canfield, Cheryl Preul, Laurie Rorex, Barbara Fredricks and Carol Alexander (l.-r.), will pose for photographers at the third annual Photo Fair, sponsored by the China Lake Photographic Society Saturday and Sunday at the Community Center. Photographers are invited to bring their cameras and pose these girls between the hours of 1 and 3 p.m. tomorrow. Admission to the Photo Fair is free.

The China Lake Photographic Society will hold its third annual Photo Fair on Saturday and Sunday at the Community Center. Hours of the exhibition on Saturday will be from noon to 9 p.m. and from 11 a.m. to 5 p.m. on Sunday.

The Photo Fair will feature salon prints taken and mounted by local residents. Also featured will be a continuous color slide show and a professional photographers' black and white exhibit.

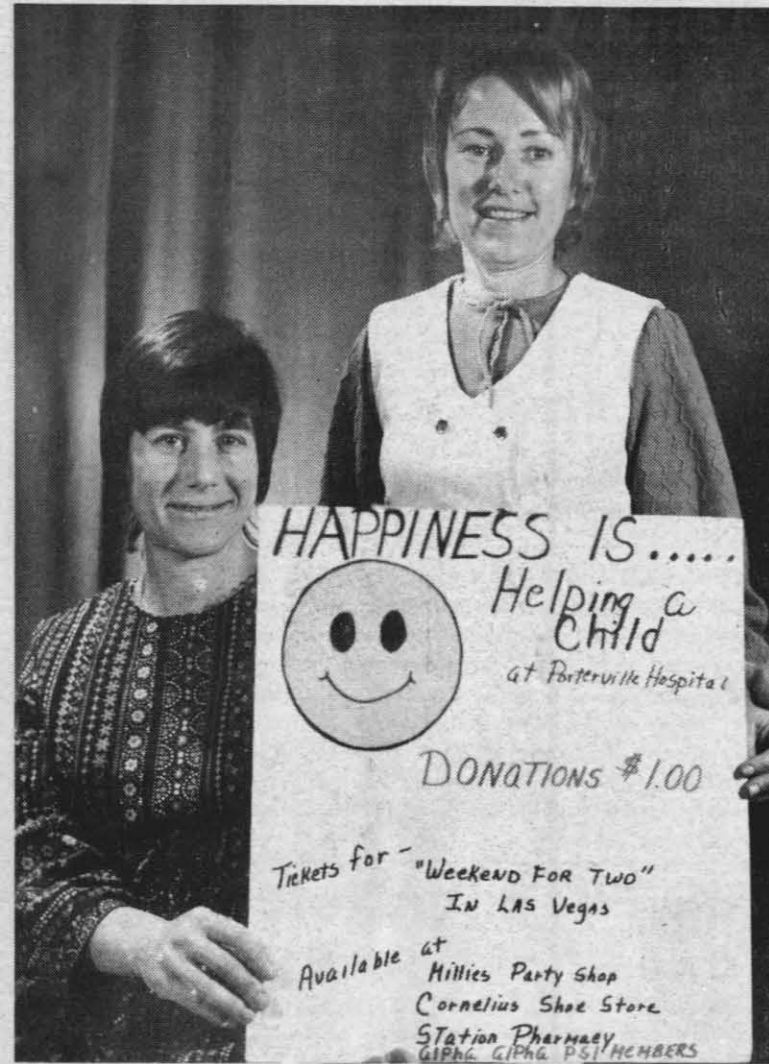
On Saturday from 1-3 p.m., a "camera shoot," featuring several live models, will be staged.

Five special slide programs are scheduled during the two-day exhibit. On Saturday, "Back Country," by Bob and Tilly Barling, will be shown at 2 p.m. "African Wildlife," photographed by Dr. Robert Berry, will be exhibited at 3:30 p.m., and a show entitled "The Zion Narrows," will be presented at 8 p.m. by its photographers, Drs. Harold and Jean Bennett.

Joe Haberman will present "The Sierra Trails" on Sunday at 1 p.m., followed at 3 by Milton and Betty Speckles' "Many Things Photographically."

Photographs and slides entered in the Photo Fair will not be judged. However, door prizes, including a 35mm automatic camera, will be awarded to persons visiting the exhibit.

Admission is free.

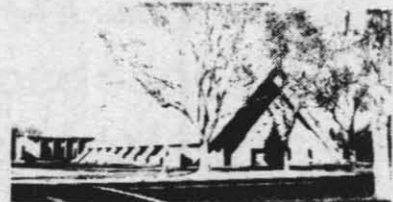


FUND DRIVE UNDER WAY — Members of Alpha Psi Sorority will be outside the NWC Federal Credit Union today seeking donations for a project they have undertaken as an assist to retarded children at Porterville State Hospital. The money that is contributed will be used to purchase flotation pads for the youngsters in Ward F-5 at the state hospital. Flotation pads are a type of therapeutic mattress that allows the bed patient mobility without the normally resultant bed sores. Barbara Gulley (seated) and Aneena Tandy, of Alpha Psi Sorority, display one of the posters that will serve to identify the location of those accepting donations for this worthy cause. For those the sorority members miss today, they hope to be able to contact at the Bank of America's China Lake facility on March 23 or outside the Shopping Bag Market on March 24.

Dance Set at Commissioned Officers' Mess
Ray Jacques, manager of the Commissioned Officers' Mess, has announced that the "Band Aids" have been signed to play for a dance tonight at the club, beginning at 8:30 o'clock. All members and their guests are invited to attend.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California
RADM. Henry Suerstedt, 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	
MASS	
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	
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 452, Extension 2049. 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' supervisor and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Sheetmetal Worker Helper, WG-3804-05, JD No. 151-1, Code 70422 — Assists the journeyman in performing work with sheetmetal of 10 to 26 gauges in thickness (.019 to .125). Occasionally works with thinner metals and up to 1/4 inch in thickness. Helps in layouts, fabricates, assembles and installs and repairs objects and equipment. Incumbent will be participating in a Pre-Journeyman Development Program leading to journeyman. **Minimum Qualification Requirements:** Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

File application and Supplemental Experience Form for above with Carol Downard, Bldg. 34, Rm. 210, Ph. 2393.

Policeman - 2 Vacancies, GS-083-2-3-4, 5, PD No. 7184019, Code 843 — Incumbent will serve as a trainee policeman or as a policeman in the Police Division, Security Department. Will be required to perform normal police functions such as searching prisoners, transporting prisoners, assisting in police investigations, etc. Will be assigned to shift work day, night or morning. Will be trained in police dispatching duties. **Minimum Qualification Requirements:** Applicants for the GS-2 will be rated only on the basis of a written test. For the GS-3, 4, and 5 no test is required, but the following experience requirements must be met: One year of experience that demonstrates a knowledge of general law enforcement methods and techniques for the GS-3; two years of experience in police work for the GS-4, three years for the GS-5. Appropriate education may be substituted as outlined in CSC X-118. Must be 21 years of age unless applicant is a veteran, must be at least 66 in, tall and weigh at least 130 lb. **Job Relevant Criteria:** Ability to work under stress. Ability to deal effectively with the public and to exercise good judgement. Promotion Potential: GS-5.

Policewoman - 2 Vacancies, GS-083-2-3-4-5, PD No. 7184020, Code 843 — Incumbent will serve as a trainee policewoman or as a policewoman in the Police Division, Security Department. Will be required to perform normal police functions such as searching female prisoners, transporting female prisoners, assisting in police investigations, etc. Will be assigned to shift work day, night or morning. Will be trained in police dispatching duties. Incumbent will perform clerical duties when required. **Minimum Qualification Requirements:** Applicants for the GS-2 will be rated on the basis of a written test. For the GS-3, 4, and 5 no test is required, but the following experience requirements must be met: One year of experience that demonstrates a knowledge of general law enforcement methods and techniques for the GS-3; two years of experience in police work for the GS-4, three years for the GS-5. Appropriate education may be substituted as outlined in CSC X-118. Must be 21 years of age unless applicant is a veteran, must be at least 61 in, tall and weigh at least 115 lb. **Job Relevant Criteria:** Ability to work under stress. Ability to deal effectively with the public and to exercise good judgement. Typing ability is desirable. Promotion Potential: GS-5.

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

Procurement Clerk GS-1104-05, PD No. 7330011 Code 3021 — Position is located in AGILE Management Plans and Programs Branch. The incumbent insures proper documentation is kept of money spent and available on contracts, insures proper processing of purchase orders, supplemental sub requisitions, DD 1423, DD 2545. Assists in reviewing incoming technical and management data to assure completeness and schedule of order data regarding conformity with contract or work assignment. **Minimum Qualification Requirements:** As outlined in X-118.

File applications for above with Dora Childers, Code 457, Rm. 210, Ph. 2032.

File applications for above with Dora Childers, Code 457, Rm. 210, Ph. 2032.

Dance Slated Tonight

A dance, featuring the country and western music of the Gold Dusters, will be held tonight at the Chaparral (1st and 2nd Class Petty Officers) Club. Music for dancing will be provided between 9:30 p.m. and 1:30 a.m., following a special Cornish game hen dinner that will be served in the dining room between 6 and 8 p.m.



CONCERT DRAWS CROWD — The more than 250 persons who attended last Sunday afternoon's concert at the All Faith Chapel quickly learned why Frederick Swann is considered one of the finest organists in this country. Swann, whose technique was excellent and choice of musical selections outstanding, returned to play three encores for his completely enthralled audience. Other special events coming up at the All Faith Chapel include a program on April 1 featuring the Covenant Gospelsaires, a male quartet, accompanied by Charles Magnuson at the piano, and an Easter music concert by the combined choirs of Cerro Coso College, the Grace Lutheran Church and the Chapel's Protestant congregation on April 15. In addition, Rudy Atwood, who is considered one of the finest Gospel music pianists, will be here in June, Capt. R. S. Osman, NWC senior chaplain, reported. —Photo by PH1 Marty M. Millard



BENEFIT DANCE SLATED — A fun-filled evening of square dancing is coming up on Friday, March 30, at the Desert Empire Fair's permanent exhibit building. Co-sponsored by the Cactus Squares and Jim Dandies square dance clubs, this event is being staged to raise money needed to help with payments on Joshua Community Hall. Among local square dancers lending their support to this event are (from left) Bernie Sword, Virginia Pennicke, Edie Bell and Bill Pennicke. All proceeds from the admission price of \$2 for dancers and 50 cents for spectators on March 30 will go into the Desert Empire Fair's building fund. —Photo by ADJAN Bill Brooks

Mother Nature's Springtime Finery Is Now at Its Best in Caliente-Arvin Area

Mother Nature's springtime finery at its best is in store this year—thanks to a return to more normal rainfall conditions during the winter months.

While the high desert is turning green, wildflowers aren't yet to be seen in any great abundance hereabouts.

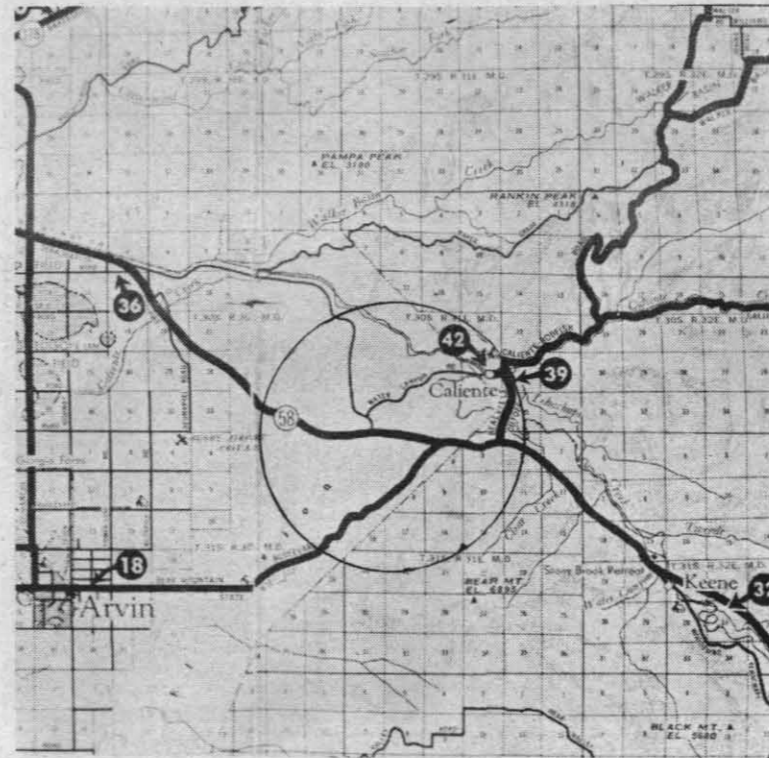
This isn't the case, however, in the vicinity of the town of Caliente and the City of Arvin, where the conditions of lower elevation and warmer weather, coupled with ample rainfall, have combined to produce a myriad of wildflowers that have transformed many square miles of agricultural and cattle-grazing land into a canopy of color.

Nature lovers from the Indian Wells Valley looking for a pleasant way to spend some time on the weekend will enjoy a one-day outing to the Arvin-Caliente area which can be reached by heading south on Highway 14 towards Mojave.

Approximately 5 miles before reaching Mojave, watch for a turnout to the right that will take travelers toward Bakersfield via Tehachapi on Highway 58. It's approximately 70 miles from here to Tehachapi and there's another 10 miles of traveling involved between Tehachapi and Caliente where the first of the vast displays of bright orange California poppies can be seen.

At the junction of Bear Mountain Blvd. and Highway 58 (a mile west of Caliente) wildflower seekers have the option of either continuing toward Bakersfield on Highway 58 or turning left toward Arvin. One happy compromise is to continue on Highway 58 (the old highway is preferable to the present freeway for slow-traveling nature lovers) and heading as far as Comanche Rd. before turning left off Highway 58 in the direction of the City of Arvin. By so doing, it's possible to circle back to Highway 58 near Caliente by following Comanche Rd. to its junction with Bear Mountain Blvd. and then turning left on this main thoroughfare through the City of Arvin.

At a well-marked roadside stand in the City of Arvin, one can stop and pick up a free map of nearby wildflower areas that is furnished through the courtesy of the Arvin Chamber of Commerce. Now heading back toward Highway 58 on Bear Mountain Blvd. the



THE CIRCLED AREA shows the spot where wildflowers abound.

array of wildflowers begins once again. The greenery of the fields is splashed with wide swathes of other colors from the blue lupine, white popcorn flowers, orange poppies and lighter orange fiddleneck.

Upon getting out and looking around on foot, it's possible to see many other kinds and colors of wildflowers, such as brodia, owl's clover, coreopsis, daisies and baby blue eyes.

After the stimulation of being out of doors in such a setting, wildflower lovers are invited to relax in the pleasant atmosphere of a wine tasting room at a nearby winery before beginning their homeward journey.

For variety's sake, the

homeward trek can be made via the old Caliente-Bodfish Rd. to Lake Isabella and then back to Indian Wells Valley on the Walker Pass Rd. (State Route 178). The road from Caliente to Bodfish is a narrow, winding strip of blacktop that climbs through green mountainous cattle-grazing country. It's not intended for speedy travel, but only for a leisurely drive.

It also passes through the historic town of Havilah, which in the gold rush days of 1866-73 was the first Kern County seat. At Havilah may be found a historical landmark with its written legend of the events and people whose activities made history in pioneering days.

WACOM's Annual Spring Fashion Show Scheduled at Noon Tuesday

With spring just around the corner, the annual WACOM fashion show will be held next Tuesday at the Commissioned Officers' Mess.

A social hour will precede the noon lunch that is to be served and the fashion show, featuring wearing apparel and accessories from the Broadway Department Store in Bakersfield, will get under way at 1:30 p.m.

A fashion coordinator from the Broadway will serve as master of ceremonies, and background

music will be provided by the Tempos, a local group, to go along with special furnishings from Hamel's Furniture and the Sprouse-Reitz Store in Ridgecrest.

Mary Gerber is serving as chairman of the WACOM fashion show. Models will be Doe Keihner, Jean Boyd, Eileen Bright, Betty Sturman, Sherry Freitag, Janie Hall and Dianna Sherman.

Child care for those attending the fashion show will be available at the Chapel Annex.

Galley To Be Closed For 2 Days at COM

Due to renovations being performed in the galley at the Commissioned Officers' Mess, it will be necessary to curtail food service on Monday and Tuesday, March 12-13.

Food service will resume on Wednesday, March 14. According to Ray Jacques, manager of the COM, the WACOM luncheon, planned next Tuesday, will be served, however.

Bowling...

(Continued from Page 10)
with a 213 single effort and a 567 total. Peggy Perridge was the runner-up with a nice 535 tally. Other scores of note included Darlene Herbstreit's 531 series and a 201 single game, and Doris Boyack's 529 total. Aiko White scored with 520. Marlys Bowles rolled a nice 212 single game.

Employee In The Spotlight



Beulah B. Glidewell

During her childhood years, Beulah Glidewell never knew where to hang her hat. Her father, an itinerant farm worker, traveled with the crops from town to town.

Born in Culman, Ala., near Birmingham, Beulah and her family finally settled down in Joiner, Ark., long enough for her to graduate from Joiner High School. Beulah then went to Chattanooga, Tenn., and enrolled in the McKenzie School of Business, where she was graduated as a secretary after a year of study.

"I immediately went to work for Standard Oil Co.," she said. After a year, Beulah met Sam Lloyd and the pair were married in 1932. A depression was under way in the country, but Beulah and Sam moved to Blytheville, Ark., and he went to work for a freight transportation company.

Five sons were born to Beulah and Sam — Merrell, Ron, Berlyn, Jimmy and Jerry. Merrell is now an engineer in Code 40, Ron is head of the Technical Information Department's Distribution Staff, while Jerry works in Code 35 as a technical illustrator.

Berlyn will soon be a telephone engineer for the Continental Telephone Co., in Bakersfield, and Jimmy is the public relations officer for the Mayflower Van & Storage Co. in Tacoma, Wash.

Her husband was killed in a trucking accident in 1941 and Beulah was faced with the prospect of finding a job and raising her sons. "I bought a home and began work at the Blytheville Air Force Base," she said. "That was early in 1943, the beginning of my Civil Service career."

Beulah worked there until 1945 then she sought employment with the ArkMo Power Co. About 1949, she came to Torrance, Calif., to live with her sister. She also found employment with the Harvey Machine Co., in Torrance. "After a year's time, I heard about China Lake, so I came here to work," she said.

That was in 1950, and Beulah went to work at Salt Wells for Harold Seaman. "That was a lucky break for me," she declared.

"That's where I met Ole Glidewell," she explained. Ole and Beulah were married in 1952, and moved to Los Angeles shortly afterward. "I stayed in Civil Service, working at the Pasadena Annex," Beulah said. "Ole thought he could do better in the Los Angeles area, but he couldn't take the smog and climate, so after a year we returned to China Lake," she added.

Beulah went to work for Capt. Walter Bacon, the Supply Officer at NOTS (now NWC). "I stayed in that position until 1967, when I was promoted to head of the Administration Branch of the Supply Department's Planning and Administrative Division," Beulah said.

"Actually, I wore two hats for quite a while, acting as the Supply Officer's secretary and head of this branch, but after awhile there got to be too much work here, so I gave up the other job," Beulah recounted.

Beulah has received many Outstanding ratings and Superior Performance nominations in the past 21 years, and all of them highly earned, if you believe her peers. She attends courses constantly to keep abreast of her job, and twice each year, Beulah conducts an NWC clerical course.

Within the Supply Department, Beulah is the secretary to the Incentive Awards rating committee, and coordinates the presentation of Beneficial Suggestions Awards. She also has served as president of the Supply Department's recreation club and has kept her hand in with that group for many years.

She is a member of the Business and Professional Women's Club and has been active with Little League and the PTA, and has served as a Den Mother for the Cub Scouts.

"There is no need to dwell in length on the functions of Beulah's job," said Capt. T. R. Hendershot, the NWC Director of Supply. "None of us can touch a document in the department, or deal with our fellow employees, without Beulah's fine hand being felt. The administrative and personnel functions of her branch affect us all, and it is a credit to her and her small group to witness how well they all do their jobs," he stated.

Performance Recognized

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Emblem Club

However, it is for her activities in the Emblem Club, the ladies auxiliary of the Elks Club, that Beulah is best known. She joined the local Emblem Club in 1956 and she has held the offices of secretary, treasurer, guard, trustee, marshal, second and first vice-president, president and junior past president.

In addition, Beulah has served as the recording secretary, fourth, third, second and first vice-president, president and junior past president of the State of California Emblem Club, and on a national scale, she has served as press correspondent and chaplain a number of times.

She stated that her hobbies are her 17 grandchildren, taking piano lessons ("at my age," she smiled), traveling and gardening. Ole likes to fish, camp, hunt and work on automobile engines.

"We do a lot of entertaining," Beulah said, "mostly for the recreation club in our hut." The Glidewells have a large quonset hut in the backyard at their Wilson St. residence in Ridgecrest.



By Jack Lindsey

Pat McDonald aced hole No. 6 at the Western Hills Country Club in the eighth stop on the Western Golf Association Tournament tour, which gave the China Lake golfer an extra \$200 for the accomplishment.

The hole-in-one so pumped up Pat that he finished the day with a 69 to go with a 74 for the first day. The 143 total was good for ninth place in the tournament, netting Pat another \$725.

This brings Pat's earnings thus far to a total of \$3,225 in eight weeks of competition.

Pat's day started with five straight pars, then came the ace on the sixth hole. He finished the front side par-bogey-par and made the turn one under.

On the back side, the local professional golfer started with a par on No. 10, then sank a 10-footer for a birdie on the 11th hole. He parred 12 and 13. Pat ran in a 35 foot putt on No. 14 for a bird, then dropped a 12-footer for a birdie on 15, and he was four under and making a bid to bring home quite a stash of money.

"On No. 16, I hit my tee shot left on the side of a hill and played my second shot short of the green. I chipped up and two-putted for a bogey and lost my momentum," Pat explained.

The young golfer finished par-par for the final two holes and

(Continued on Page 12)

Blazers Widen Gap With Victory Over NAF Cagers

The Blazers strengthened their hold on first place in Division A of the China Lake Intramural Basketball League Tuesday night by edging the NAF cage squad, 73-66.

Leading throughout the game, the Blazers were ahead 31-27 at the half and took a 50-45 lead into the final period. Cary Dabbs, with 20 points and Steve Quinton, who netted 17, led the Blazers to victory. Ron Black scored 20 and Greg Moore 16 for NAF in a losing effort.

Golf Club Sets Date for Annual 3-Club Tourney

The annual 3-club golf tournament will be held on Saturday, March 17, at the China Lake golf course. A sign-up sheet is posted in the clubhouse.

Chris Peterson, tournament director and vice-president of the golf club, stated that entries will close at 5 p.m. next Wednesday, March 14.

Entry fee is \$2 and prize money will be distributed in the form of gift certificates, redeemable at the pro shop.

Scotch Sixsome
The China Lake Ladies' Golf Club has scheduled a Scotch Sixsome tournament for Sunday. Entry fee is \$1 each and all participants in each six-some will be drawn from a hat.

A no-host dinner will be held at the Chief Petty Officers' Club following the final hole of this event.

Nancy Webster, publicist for the women's club, stated that the main purpose of the tournament is to "have fun."

All are invited. A sign-up sheet is located in the clubhouse.

points for Continental. The final game of the evening saw the Dispensary hoopsters roll over Duke 72, 51-37, in a Division B-1 encounter. Dennis Heaggem rang up 20 points for the Dispensary squad, while Leo Enriquez was high point man for Duke with 17 tallies.

In other basketball action on Wednesday, Feb. 28, two Division B-2 games and one B-1 encounter took place at the Center gymnasium. In the first game, the Wallbangers smashed the Devastators, 69-21, in a B-2 contest. Doug Kinney was high man for the victors with 16 points.

Communications barely edged Comarco, 36-34, in the second Division B-2 hoopla of the evening. Dennis Henden scored 16 for Comarco in a losing effort.

The Red Devils squeaked by the Hustlers, 41-35, as Nick Guillery scored 20 points for the Devils in a B-1 cage contest.

Youth Hoop Play Drags Into Early Morning Hours

Action in the Youth Basketball League during the past week kept the Center gymnasium operating into the wee hours.

On Friday, March 2, the final game of the evening between the Pistons and the Warriors of the High School Division, was completed sometime after midnight.

The Warriors won that tilt, 55-50, while earlier in the evening, the Lakers knocked over the Knicks, 67-50, in another high school division clash.

Two Instructional Division games were played early Friday afternoon. In the first, the Jets edged the Hot Shots, 8-7, and the Bulldogs dropped a 14-13 decision to the Red Devils, in the second encounter.

Eight games were played on Saturday, beginning with two Intermediate Division contests on Saturday morning. The Bears outlasted the Cougars, 12-6, in the opener, and the Spartans took the Huskies, 15-11.

Four Instructional Division teams were matched up to round out the morning's play. The Jets took a one-point decision from the Red Devils, 13-12, and the Bulldogs squeaked by the Hot Shots, 8-6.

The Stars edged the Trail Blazers, 36-31, in a Junior Division game to begin the afternoon's activity. In the second game of this division, the Rockets blasted past the Sonics, 38-20.

Two Senior Division games closed out the day. The Royals nipped the 76ers, 40-38, and the Hawks trounced the Bucks, 33-23.

The T-Birds moved into first place in the Girls' Basketball League last Monday evening by defeating the Sharks, 27-13.

Tryouts Slated

Tryouts for the Major Division of the China Lake Little League will be held tomorrow at Diamond No. 4, beginning at 9:30 a.m. These tryouts are for boys between the ages of 10 and 12 who did not play on a major division team last year.

Those who wish to sign up for Little League may do so at this time.

—Photo by PHIL M. L. Millard



PLACE HIGH IN TOURNEY — Doris Cosner (l.) and Nona Turner recently competed in the Women's Amateur Golf Association championship tournament at Los Coyotes Country Club, Buena Park. The two members of the China Lake Women's Golf Club managed to get a piece of the action and brought home gold charm bracelets as a result of their scores. Mrs. Cosner captured third place in the first flight (for women with handicaps 15-18), and Mrs. Turner placed third in the second flight (for those golfers with handicaps 19-21).

—Photo by PHAN Jerry Sizemore

Premier Race Tightens As Western Columbia Wins 3

With only four weeks remaining, the Loewen's bowling team in the Monday night Premier League allowed Western Columbia to slip by them and assume the league lead by one-half game.

Loewen's, which had dropped five of its last six games, has now won 47 games and lost 25, while Western Columbia sports a 47.5-24.5 record.

On Feb. 26, Chuck Cutsinger rolled the third highest game of the season, a fine 267 effort, and finished the evening with a 670 series.

Last Monday, Benny Whiteside pounded the pocket for games of 223, 224 and 240, finishing with a 687 total. This was the third highest series score of the year.

Ten other men broke the 600-mark in league play. Thad Brightwell rolled games of 223 and 233 to finish with a 646 total. Jack Brown's 644 was composed of 203, 211 and 230 single games, while Jim Bowen rolled a 243 single and a 636 series.

Floyd Maxwell scored with 628, including a big 252 game, and Elmer Davis and Warren Turn-

baugh each tallied 618. Davis smashed out games of 244 and 215, while Turnbaugh racked up 226 and 211 singles.

Dan Ryan reached 606 on the strength of 226 and 200 games, and Bernie Baake and George Barker each posted 603 three-game sets. Baake's total included a 233 single, while Barker scored with a 220 single.

RC Jones brought up the end, scoring an even-600 series, that included games of 211 and 222.

Women's Scratch
Some good scores have been bowled in past weeks by this league. On Feb. 19, Pat Maddux rolled a 612 series that included the highest single game of the season in the Women's Bowling Association locally — A whopping 255.

Lou Richno scored her first 600-plus series ever by posting games of 213 and 205 enroute to a 606 total. Pat Brightwell shot games of 204 and 212, ending with a 614 total the same week.

Last Monday evening, Joyce Zurn led the parade of shooters

(Continued on Page 11)

Civil Engineers, Seabees Celebrate Anniversaries With Dinner, Dancing

An anniversary ball in celebration of the 106th anniversary of the Navy's Civil Engineer Corps and the 31st anniversary of the Seabees was held last Saturday night at the Community Center.

Honored guests at this affair, which drew an attendance of around 100 persons, were Capt. D. W. Alderton, Deputy Commander of the Naval Weapons Center, and Mrs. Alderton, and Capt. W. H. Sturman, CEC, USN, Public Works Officer at NWC, and Mrs. Sturman.

Among highlights of an evening that began with a social hour and dinner and was concluded by dancing to the music of The Phantoms, were a cake-cutting ceremony at which Capt. Sturman officiated, and the presentation of the "Seabee of the Year" award.

Singled out for the latter honor was Seabee Reservist Phil Nelson, a construction mechanic chief (CMC), who serves as the recruiting and training officer for Sub-unit 11-2 of Mobile Construction Battalion 17.

In a letter commending CMC Nelson for being chosen to receive this second annual "Seabee of the Year" award at China Lake, Lt. Thomas M. Perch, Commanding Officer of Seabee Reserve Sub-unit 11-2, wrote, in part, as follows:

"Your superior performance of duties during the past year typifies the outstanding group of senior petty officers affiliated with Sub-unit 11-2. Among your many duties in the unit, you particularly excelled as the unit recruiter and coordinator of the Seabee Memorial fund-raising campaign.

"Your outstanding efforts have not only contributed significantly to the overall success of the unit, but have been of great personal assistance to me as commanding officer."

Since joining Sub-unit 11-2 of Mobile Construction Battalion 17 in March 1961, CMC Nelson has recorded a 100 percent record in drill attendance and has taken part in at least 14 days of active duty for training each year. In addition, the evaluation of his performance has always exceeded the 3.6 average, Lt. Perch noted.

Brief comments were presented

Hearing Slated...

(Continued from Page 1)

formation on every aspect of the unification question, and there will be an opportunity for all interested persons to be heard and ask questions.

Among subjects to be covered will be tax rates and finances of the proposed unified school district, the rights of employees who will be transferring from an existing school district to the unified school district, and such things as the steps to follow in electing a new board of trustees if voters approve the school unification proposal.

In addition, information will be provided on how the local area will assume its share of the bonded indebtedness of the Kern High School District, as well as in regard to taking over furniture and other property at Burroughs High — should voters decide in favor of unification at the May 1 election.

during the evening by Capt. Alderton and Sturman, who were introduced by Capt. J. H. McGlothlin, SC, USNR-R, who served as master of ceremonies.

Capt. Alderton reminisced about the hearty welcome he received when he first crossed paths with a Seabee unit at a small, remote island in the western Pacific during World War II.

In his talk, Capt. Sturman briefly outlined the history of the Seabees, an organization that had its origin during the early days of World War II, and then touched upon some of the typical assignments that have been handled in both peace and wartime by the men who made their "Can Do" slogan famous.

The NWC Public Works Officer also listed some of the many projects on which active duty and reserve members of the Seabees have assisted at China Lake. These include the recent construction of a mobile home park, improvements at the enlisted men's barracks and at the NAF swimming pool, work on the patio and garden area at the NWC Dispensary, installation of an emergency helicopter landing pad near the Ridgecrest Community Hospital, work on both the rifle and pistol ranges at China Lake, improvements to Little League baseball diamonds at China Lake and in Ridgecrest, as well as at the athletic fields at both Burroughs and Trona High Schools.



SINGULAR HONOR — Among highlights of the Civil Engineer Corps-Seabee anniversary ball was the presentation of the "Seabee of the Year" award to CMC Phil Nelson, at left. Announcement that Nelson had been chosen for this honor was made by Ens. Steve Bovee, executive officer of Sub-unit 11-2 of Mobile Construction Battalion 17, and a plaque denoting this special recognition was then presented to Nelson by EOC Bill Thorpe.

Unification Study Under Way...

(Continued From Page 1)

established to delve into various facets of school unification. These sub-committees and the chairmen of each are:

Budget and finance, Tony Squillace; organization and staffing, Eva Bien; curriculum and program, Virginia Lundstrom; operations and maintenance, Walter Kuzmin; facilities and equipment, Paul Erickson; and publicity, Joe Burge and Joy Young.

The first meeting of the Citizens Advisory Committee on Unification, together with the chairman and members of the various sub-committees, was held this past Wednesday night to outline the steps to be taken in both gathering and disseminating information.

Any financial data on the unification of schools that is presented will be facts and figures that have verified by the State Department of Education, it was reported earlier this week by Dr. Sol Spears, superintendent of the China Lake Elementary School District.



ANNIVERSARY CAKE CUT — Capt. W. H. Sturman, CEC, USN, Public Works Officer at NWC, wielded a ceremonial sword for the traditional cake-cutting during last Saturday's Civil Engineer Corps-Seabee anniversary ball. Looking on in background is Capt. D. W. Alderton, NWC Deputy Commander, who, along with Mrs. Alderton, was an honored guest at this affair, as were Capt. and Mrs. Sturman.

Annual Meet Held By NWC Fed'l Credit Union

An announcement confirming that the 6 per cent dividend, which has been paid to investors in the NWC Federal Credit Union for the past three years will be continued for another year, and a report on the increased volume of new loans highlighted Tuesday night's annual meeting of the Credit Union.

During 1972, new loans averaged more than a million dollars per month, hitting a total in excess of \$14 million for the year.

The next six per cent dividend payment will be forthcoming at the end of this month.

Around 130 members attended the annual meeting, held at the Community Center, and a good number asked questions concerning the budget. It was reported that the NWC Federal Credit Union now ranks 62nd nationwide in size among the 11,000 federally chartered Credit Unions in the U.S. This is a jump forward of 18 places.

The evening's agenda also included an election to fill two

vacancies on the board. The board posts went to Robert McKenzie, head of Central Staff's Special Projects Group, and to George Barnard, manager of the Chief Petty Officers' Club. They replace Henry Wair and Evelyn See, neither of whom were candidates for re-election.

Board members who were re-elected were Bruce Wertenberger and Bill Baker, for two-year terms, and Bill Arriola, for a one-year term.

On Wednesday night, the new board members met to elect officers of the Credit Union with the following results: Dick Hitt, president; Bill Baker, vice-president; Warren Stelmiller, treasurer, and George Barnard, secretary.

Door prizes awarded at the annual meeting — a portable color TV, an 8-track stereo and a clock radio — were won by Louis Alpert, Harold Okamoto and Paul Amundson, respectively.

Auction of Surplus Gov't Property Set March 20

A local auction of surplus government property has been scheduled on Tuesday, March 20, at the China Lake Community Center.

Monday) at the NWC Scrap and Salvage Yard and in the Property Disposal Warehouse.

The list of items for sale will include generator sets, pickup trucks, 2-ton trucks, trailers, office machines such as typewriters and calculators, and miscellaneous electronics gear.

With few exceptions, anyone 18 years of age and over is eligible to bid on Department of Defense surplus property, which must be paid for in full prior to taking delivery. Successful bidders will be allowed five days to remove their purchase before storage charges are applied.



SURE SIGN OF SPRING—Members of the Oasis Garden Club turned out last week to handle their part of an improvement project at the Naval Weapons Center Dispensary. Seabee Reservists of Mobile Construction Battalion 17's Sub-unit 11-2 prepared the way for the planting of trees and shrubs by garden club members when they hauled in a load of top fill mixed with ground up compost. The Seabee Reserves also installed walks and constructed a concrete patio area between Wards 1 and 2 at the Dispensary. The garden clubbers are (from left) Kathy Pratt (kneeling), Mary Ann Kistler, Ada Scarborough, Berneice Meade, the project chairman, Helen Smith, a visitor from out of state, and Donna Johnson (kneeling). After their initial effort last week, members of the Oasis Garden Club also returned Wednesday (Arbor Day) to plant trees at the Dispensary patio. —Photo by PHAN Jerry Sizemore

Additional Smog Control Devices Will Be Required in 1966-70 Cars, Trucks

The California Air Resources Board recently passed a resolution requiring the installation of additional smog devices on 1966-70 model passenger cars and light duty trucks with 140 and greater cubic inch displacement, and up to and including 6,000 pounds gross vehicle weight (¾-ton trucks and above are excluded).

The devices are designed to reduce emissions of oxides of nitrogen, one of the two primary ingredients of photochemical smog. Vehicles of 1971 vintage and later already have such controls; the 1966-70 models do not.

Under the law, the cost of installing the new devices may not exceed \$35.

The first phase of the program

will be required only upon change of ownership and registration of privately-owned vehicles and begins April 1, 1973, in Kern County.

Beginning July 1, all of the affected vehicles must be equipped according to the following schedule, which is based on the last arabic numeral of the automobile's license plate:

July 1973, 1; August 1973, 2; September 1973, 3; October 1973, 4; November 1973, 5; December 1973, 6; January 1974, 7; February 1974, 8; March 1974, 9; April 1974, 0 and plates with a letter only.

At the present time, three different manufacturers are producing exhaust emission control devices that have been approved by the Air Resources Board. It is expected, however, that additional devices will be approved.

Dana Corporation and STP Corporation are producing systems that operate as a vacuum spark advance disconnect at low engine speeds, and exhaust gas recycle system at higher speeds. A speed switch controls action of the exhaust recycle valve and

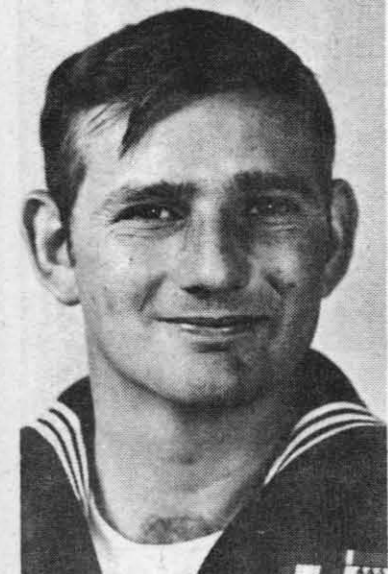
Bluejacket...

(Continued from Page 1) and the Helicopter UH1E school, at Ellison Field, Fla.

He enjoys restoring old cars and is presently working on a 1930 Model A. "That takes up a lot of my time, so there's not much left for other hobbies," he explained.

"However, Susan and I like to travel and we've done a lot of sightseeing in eastern California," he added.

Jacobson also likes to read. Susan, who was Jacobson's high school sweetheart, pursues mostly homemaker hobbies — knitting, sewing and cooking. The couple has one child, Roger, 2 years old.



WANTS FOUR MORE — ADR2 Donald J. Dunaway, a veteran of eight years of Naval service, recently signed on for four more years. Dunaway is assigned to the Maintenance Department's Transports Division. He was stationed at the USNS Sangley Pt., P. I., before being transferred to China Lake.

Hail and Farewell

For the month of February 1973.
NEW ARRIVALS—CIVILIANS
 Code 2522—Roberta K. Payne; Code 304—Michael N. Levine; Code 4012—William L. Curtiss; Code 4073—Alexis Shients; Code 4092—Jerry K. Shultz; Code 401—Marion J. Soltau Jr.; Code 7035—Edward L. Iddings.
CIVILIAN-DEPARTURES
 Code 2522—LaVerne B. Batts; Code 25912—Dennis Hatzenbuehler; Code 3032—Dorothy V. Lawrence; Code 304—Peter P. Tong; Code 3041—Janis M. Takahashi; Code 4002—Elizabeth B. Evans; Code 4008—Alexander E. Waller; Code 4014—Joan G. Reed; Code 4042—Sarah H. Jordy; Code 40901—Gay R. Craig;

Code 4502—Florence C. Lindamood; Code 5012—Steven L. Reichling; Code 5545F—Carl E. Schaefer; Code 5545J—Robert H. Moore; Code 6252—Rosemary Atencio; Code 704—Conna M. Antrim; Code 70412—Richard P. Danjensen and Ivan H. McGinnis; Code 70415—Carlton L. Cruzon; Code 70782—Timothy A. Frederick; Code 841—Sherry A. Moore; Code 8411—William E. O'Neill; Code 8412—Margorie I. Butlum and William D. Elliott; Code 8544—Nadine C. Heikenn.
NWC OFFICERS
 Departures: Lcdr. Dale A. Iverson, Code 40901
NAF OFFICERS
 Departures: Cdr. H. M. Moore and Lt. Rosemary Waller
NAF Enlisted Personnel
 Arrivals: RMC Paul L. Cockrell, SR Glendon M. Daniels, PRC Richard L. David, HA Brian W. Dwyer, HA Gregory Flemming, AZ3 Richard K. Gray, AAMEA Rodney D. Lewis, A0AA Robert P. Luna, ASMAA Barry J. Olson, HN Lonnie J. Palmer, HN Edgar R. Perez, SKC Donald R. Potter, AZAA Thomas W. Rapp, SN Marilyn J. Thompson, RMSN David S. Vanderford and SN Martha L. Woemner.
 Departures: FN Patrick D. Adams, A0CS Paul G. Carter, ASH2 William O. Hagen and ADR3 Stanley J. Meni.
VX-5 Enlisted Personnel
 Arrivals: AN Lawrence A. Eike and AEA4 Richard R. Noel, Jr.
 Departures: ATJ Louis E. Candelore, A03 Ray T. Friend, Jr., ADJ Gary J. Gorka, ATAN Thomas E. Haus, AT3 Roger K. Lawrence and ATAA John E. Rich.

Housing Assignm'ts

The following housing assignments were made in the month of February.

Two B. R. Old Duplex
 Solleau, GS-12; Booth, GS-11; Williams, GS-9; Schultz, GS-9; Reed, WX-49; Englehart, 02; Santoni, 01.

Two B. R. Old Duplex LBP
 Thoms, WG-7; Meier, GS-10; Gomez, E7.

Three B. R. Hill Duplex
 Anderson, GS-13.

Two B. R. JOQ
 Rice, 04.

Three B. R. JOQ
 Bain, GS-14.

Three B. R. Wasp Circle
 Burgess, GS-12.

Four B. R. Panamint
 Payne, GS-13.

Command Assigned
 Wright, 05; Harrison, GS-15.

Two B. R. Wherry
 Roy, E6; Morin, E5; Camben, E4; Wisneske, E4.

Three B. R. Wherry
 Porter, GS-11; Westfield, GS-4; Leape, GS-4; Shianta, GS-9; Swafford, E6; Golden, WG-6.

Three B. R. Juniper
 Brown, G / Sgt.; Davis, E7.

"O" B. R. Apartments
 Dodge, GS-9; Barker, GS-12; Jandl, GS-11; Fung, GS-9.

Two B. R. LeTourneaus
 Quails, WG-10; West, GS-4; Brooks, E3; Taylor, GS-5; Turner, WG-5.

Two B. R. Normacs
 Jalbert, E4; Campbell, E3; Young, GS-3; Tyres, GS-4; Clark, GS-4.

Tech Artists' Work Wins Recognition



Bill Erwin, Danny Jones, and Steve Wright, three local artists, won awards at a commercial art show sponsored by the Society for Technical Communication at California State University in Fullerton. Over 75 entries competed for the prizes open to commercial artists in Southern California.

Erwin won an award of merit for a logo designed for the Desert Counseling Clinic; Jones' award of excellence was for a black and white drawing of an F4 aircraft; and Wright, an employee of Comarco Engineering, won a second place in the "line technical" category. All three entries are being forwarded to the national STC convention, which is to be held in Houston beginning May 9.

The commercial art show at Cal-State Fullerton was held in conjunction with the sixth annual Technical Communication Seminar, sponsored by the five Southern California Region chapters of STC.

Sierra-Panamint, the local chapter, participated by providing a panel discussion on "Publications, Presentations and the Library." Al Christman, Byron Butler, and Snowden LaFon were members, with Chet Creider as panel moderator.

Fullerton State, host for the event, provided tours of the communications center on campus and other areas for the visitors.

Girl Scouts To Celebrate Special Week

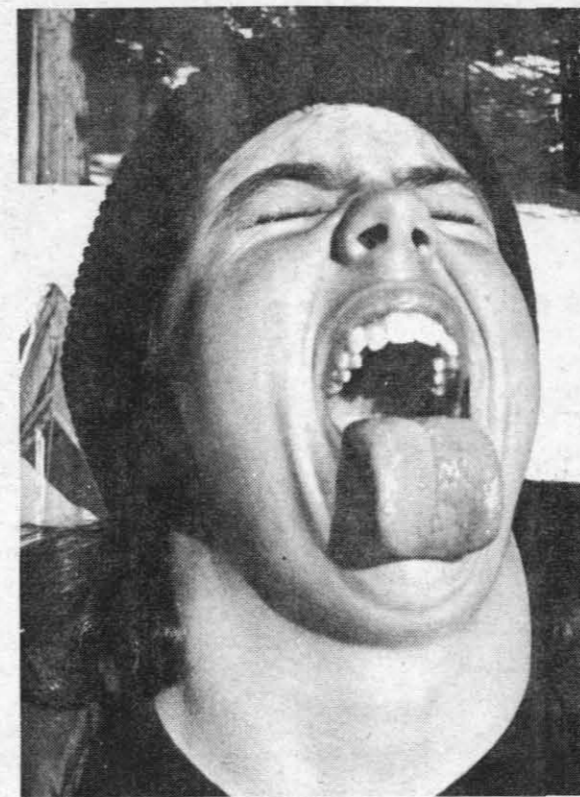
Girl Scouts will celebrate their 61st anniversary of existence March 11-17, beginning with a special observance at the Naval Weapons Center's All Faith Chapel on Sunday.

Protestant services will be held at 10 a.m., and a Catholic Mass will be observed at 11:15. A reception honoring Girl Scouts will be held in the East Wing of the Chapel following both services.

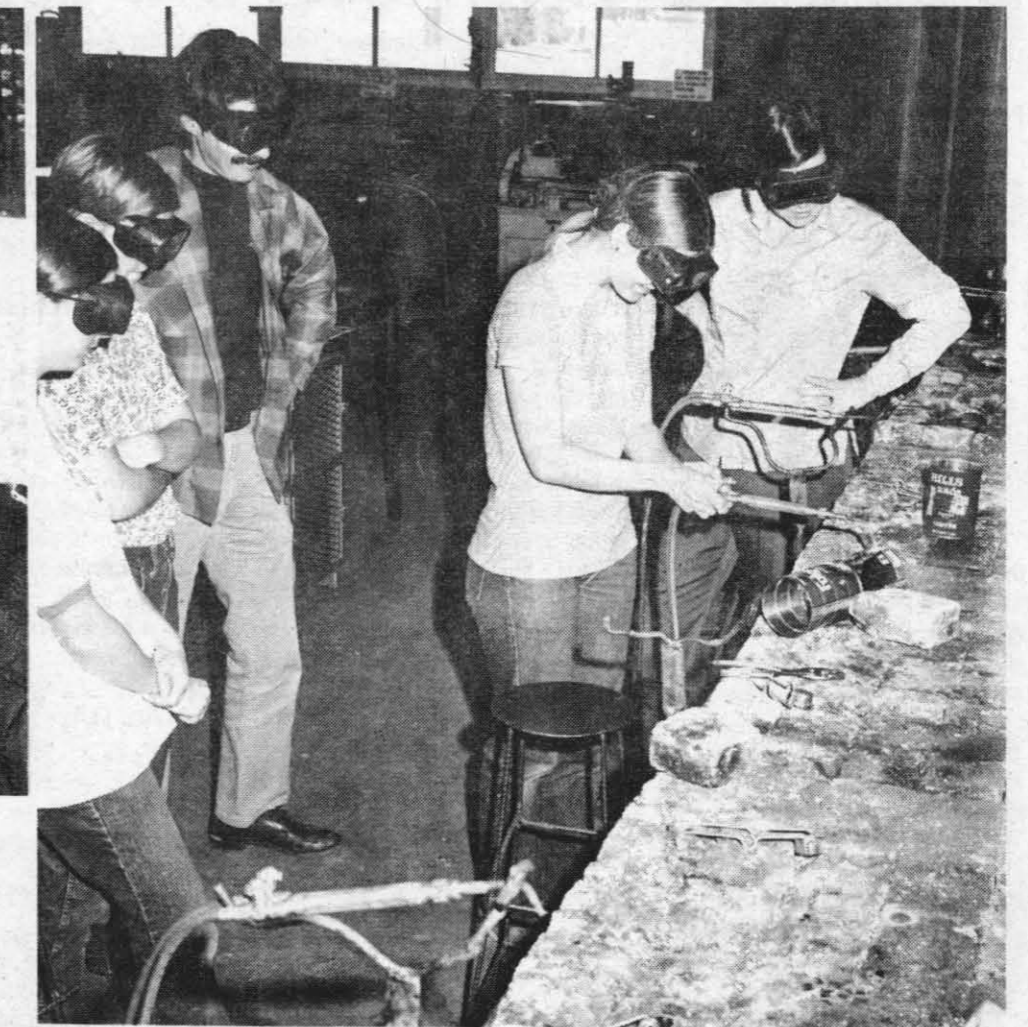
"This is one of the busiest times of the year for Girl Scouts," said Mary Kay Price, spokesman for the Girl Scouts of the Indian Wells Valley District, Joshua Tree Council. "The annual cookie sale is under way and many Cadettes, Junior and Senior Girl Scouts are taking weekend trips into the surrounding mountains and deserts to earn badges and sharpen their outdoor skills," she added.

The Girl Scout movement was begun in Savannah, Ga., by Juliette Gordon Low on March 12, 1912. The idea has blossomed from a handful of interested girls to more than 32 million girls, men and women who are connected with the Girl Scouts of America.

On this page are some representative photos of Girl Scouts at play and at work.



SOMETIMES, eating a snowflake can be the most important event of an outing to the mountains. Myrna Martin, of Senior Girl Scout Troop 170, makes a swipe at a snowflake during the troop's recent trip to the Greenhorn Mountains with members of the VX-5 Sea Cadet Squadron.



GIRL SCOUTS of Troop 170 visited the metal and woodworking shops at Burroughs High School recently to learn what they could about these two crafts. In the photo are (l.-r.): Becky McBride, Kim Gallup, Tom Nivens, BHS metal shop instructor, Nancy Finnegan, and Sandy Strayer. Miss Finnegan is shown welding two cans together, which the girls then used to make lamps.

—Photo by PHI M.M. Millard



ONE OF THE skills taught the cadets and Girl Scouts was the art of igloo building. In this photo are (l.-r.): Charlene Spencer, Senior Scout Adviser, Suzie McCown, Nancy Finnegan (rear), Frank Buffum, instructor (rear, with shovel), Kim Gallup, Bob Taylor, Sandy Strayer and Carol O'Dell. Kneeling in front is Myrna Martin. The group of 40 youngsters attended the cold weather survival training Feb. 24-25 at Camp Yenish Hante in the Greenhorn Mountains.



SCOUTS OF TROOP 7, led by Barbara Gullely, turned out for a work party at the Girl Scout Park, located on Halsey Ave., on the Center. They are (l.-r.): Pam Poppen, Jan Mendiola and Frances DeRosa (hidden behind Miss Poppen), Darla Baker, Cecily Hard, Allison Gates, Denise Fletcher and Deede Plausen. They are preparing the site for the spring planting of shrubs and flowers.



SANDWICHED between John Mertz (front), and George Burdick (rear), and Melanie Burde had a great time tobogganing while at Camp Yenish Hante. Burdick is the Commanding Officer of the VX-5 Sea Cadet Squadron.



MARY KNEMEYER (l.) and Tina Gilbertson, members of Girl Scout Troop 148, led by Sylvia Hugo, point out that now is the time to order cookies. The annual cookie sale will end March 13.

Achievements of NWC Employees Cited



PUBLIC WORKS EMPLOYEES HIT 30-YEAR MARK — Capt. W. H. Sturman (at right), head of the Public Works Department, officiated at a recent ceremony held for the purpose of presenting 30-year Federal service pins to seven employees in Code 70. Those who received pins denoting three decades of Federal service were (front row, from left) Raymond Camps, Harry Willis and Francis Warren and (back row, l.-r.) Wayne McManis, William Mitchell, Douglas Yeager and Melo Ivancovich.



SIX RECEIVE 30-YEAR PINS — A half dozen employees of the Propulsion Development Department were assembled recently to take part in a brief ceremony during which they received 30-year Federal service pins from Dr. G. W. Leonard, department head. Recipients of pins marking this milestone in their employment careers were (from left) Robert S. Clark, Dominick Ferrone, Dura W. Pinkerton, Albert P. Holbert, Tony Hines and Ottow W. Schneider. One other 30-year pin recipient, Richard M. Joyce, was unable to be present for the photo. At the same time, pins denoting 20 years employment at China Lake were presented to Florence C. Lindamood, Ezra Scott, Allen T. Robinson, James E. Fulmer and Chester Davis, and 20-year Federal service pins went to Alvin R. Jacobsen and Elsie F. McDaniel.

AFGE Local 1781 Meeting Slated Monday Night

Local 1781 of the American Federation of Government Employees will hold its next monthly meeting on Monday at 7 p.m. in the Joshua Room at the Community Center.

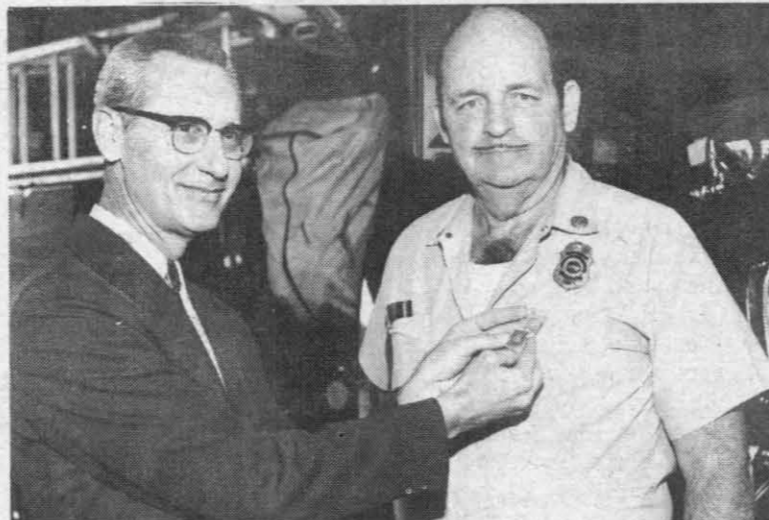
AFGE Local 1781 represents a unit composed of non-supervisory civilian employees of the Security Department's Police Division at China Lake.



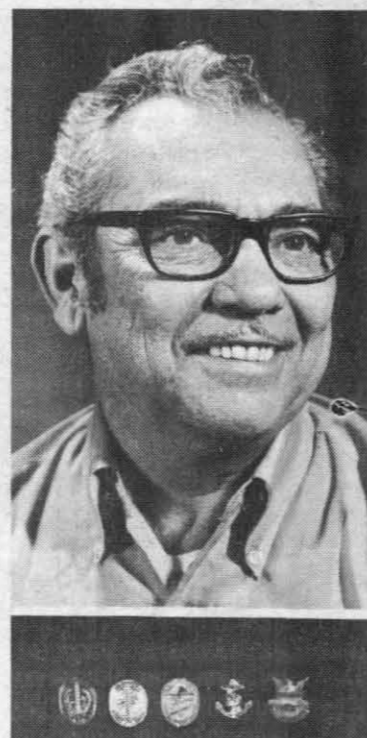
TWO DECADES OF SERVICE — Chris Hawkinson (c.), a staff nurse, celebrated 20 years of service at the NWC Dispensary recently with a small cake and refreshment get-together. Cdr. Frances M. Frazier (left), Senior Nurse, and Ora Lee Barnes, RN, are shown helping Mrs. Hawkinson with a 20-year NWC and Federal Service Pin and an orchid corsage, respectively. Mrs. Hawkinson reported for duty on Feb. 24, 1953, and her plans are to continue at the Dispensary. Mary Forrester, a former Navy nurse and co-worker, baked two large cakes for the celebration.



CONGRATULATIONS IN ORDER—Dr. Russell Reed (at left), head of the Propulsion Development Department's Applied Research and Processing Division, congratulates John Gonzales after presenting him a 30-year Federal service pin. Gonzales is a physical science technician in the Propellants Branch. At right is Allen T. Robinson, a materials engineer in the Materials Branch, who received a 20-year Federal service pin.



30 YEAR PIN PRESENTED — In recent ceremonies at Corona, W. E. Davis (at left), Director of Security at NWC, presented a 30-year pin to O. W. French, a driver-operator assigned to the Corona Fire Branch. French began government service in February 1942 with the U.S. Navy. After being discharged from the Navy in October 1945, he went to work for the U.S. Postal Service and later became a fire fighter at March Air Force Base. French, who is one of six Corona Fire Branch employees who have a combined record of 189 years of Federal service, has been at Corona since 1947.



HITS 30-YR. MARK—Helen Hill, a dictating machine typist in the Special Operations Branch of the Electronic Systems Department's Special Projects Division, was the recent recipient of a 30-year Federal service pin that was presented by Leroy Riggs, department head. A transfer here from San Diego, where she had been employed at the Naval Undersea Warfare Center and the Naval Communication Station, Mrs. Hill has been at China Lake for the past four years. Her 30 years of Federal service also included nearly three years in the Navy during World War II.

NOVEL IDEA — Raymond L. Camps, a heavy duty equipment mechanic in the NWC Public Works Department, has earned an array of service pins up to and including an award for 30 years of Federal employment. Proud of his past record, which began with work at the Cavite Navy Yard in the Philippine Islands prior to World War II and has included 22 years in his present occupation at China Lake, Camps has arranged his service pins denoting 5, 10, 20, and 30 years on a metal tab (see photo inset above) that can be pinned to a pocket or coat lapel.



30 YEARS—Gorden E. Beauchamp, a motor vehicle operator who delivers mail for the Supply Department, was the recent recipient of both a 30 year Federal service and 10 year NWC service pin. Beauchamp, who has been a Supply Department employee since coming here 10 years ago, received the pins from Capt. T. R. Hendershot, NWC Director of Supply.

Drivers Urged To Watch For Bicycle Riders

Because the bicycle lanes are still new enough to be a novelty at China Lake, motorists are being reminded again this week that bicycle riders have the right-of-way while traveling in such lanes.

It has been observed that some vehicle operators have threatened the safety of bike riders using the new bike lanes on Blandy Ave.

Drivers of vehicles making right turns off Blandy at the Shopping Bag Market, post office or gymnasium parking lots at Bennington Plaza must now check closely to determine if it is safe to do so in the event that a bicycle rider is either alongside or approaching their vehicle.

The vehicle operator must yield to the bicycle rider in the bike lane if the cyclist is so close to the point of intersection where a turn is being made as to cause an accident or near miss.

This, however, does not relieve the bicycle rider of the responsibility for defensive riding and exercising due care for his own safety.

Enrollment In Workshop On Security Open

Enrollment is now being taken in a two-day security refresher workshop that is to be held from 1:30 to 3:30 p.m. on March 22-23 at the Training Center.

The workshop, conducted by the staff of the Security Department and the Mail, File and Records Division, will be led by Ralph Levenberg, associate director of the Security Department.

Workshop participants will be invited to bring questions on problems covering any areas of security they would like to discuss. Typical problems to be covered will include security clearances, violations and how to avoid them, and classification management.

Those interested in attending the workshop should submit NWC Enrollment Form 12410-28 via department channels in order to reach Code 654 no later than Wednesday, March 14.

Drill Held...

(Continued From Page 1)

zation' were admitted to a ward. The fire trucks pulled up to the "accident" scene in 1 min. and 15 sec. after the alarm was turned in, and within 33 min. the intersection was cleared and traffic was back to normal. He was very satisfied with the effective way in which personnel of the Fire and Police Divisions and Medical Department carried out their assignments in this emergency preparedness test. Capt. Wayland Bennett, NWC Medical Officer, said.

According to LCDr. J. J. Mason, Medical Administrative Services Officer at the Dispensary, every hospital is required to have such a drill once a year, and even though the Dispensary is not classed as a hospital it was believed valuable to have such a practice event here.

The results of the drill were reviewed Wednesday morning during a meeting held at the Training Center. In attendance were representatives of the Naval Weapons Center's Medical, Safety and Security Departments, as well as the NAF Casualty Control Office.

It's Membership Renewal Time At Chaparral Club

The annual verification of guest memberships at the 1st and 2nd Class Mess (Open), more familiarly known as the Chaparral Club, will begin on Monday, March 19.

At that time, new membership cards will be issued to all qualified persons, and between now and then guest membership application forms can be obtained at the Chaparral Club office. Current guest membership cards will become void on April 15.

Civil Service employees in grades GS-1 through 8 and WG employees below the grade of supervisor are eligible for Chaparral Club guest memberships. All those who are interested must complete a membership application form prior to April 15.

The Chaparral Club dining room is open on weekdays for lunch between 11 a.m. and 1 p.m., and dinner is served in the form of a miniature hot line on Mondays and Thursdays. In addition, a la carte service is provided every Friday between 6 and 9 p.m. The dining room is closed on Saturdays and Sundays.

The bar at the Chaparral Club is open Monday through Saturday from 11 a.m. to 10 p.m. or later depending upon the number of patrons in the club. Dances are scheduled regularly on Friday nights when the bar remains open until 1:45 a.m..



MARINE OFFICER — Maj. Robert Baker, USMC, has reported for duty with the Marine Corps Liaison office at China Lake as fixed wing project officer. A veteran of 15 years prior service with the Air Force, Major Baker was granted an interservice transfer to the Marine Corps more than 2 1/2 years ago. Since that time, he flew with an A-4 squadron based at DaNang in South Vietnam, and also served in Japan as the logistics officer for Marine Air Group 12. Major Baker, whose home town is Moundsville, W. Va., was transferred here from the Amphibious Warfare School at Quantico, Va. His Air Force duty included serving with the air commandos and flying with the Strategic Air Command as a B-47 pilot.



HERE FOR BRIEFING — Bob Blaise (at right) is shown conferring with Ellis Kappelman, an employee in the Advanced Technology Division of the NWC Propulsion Department, on matters pertaining to sea based deterrence systems. Blaise, a former employee at China Lake, is now the assistant for offensive systems in OPNAV's Strategic Concepts Requirement and Coordination Branch, Washington, D.C. During his visit here, Blaise also took advantage of the opportunity to extend best wishes to his step-brother, Les Gorman, head of the NWC Engineering Department's Test Support Division, who retired on Friday, March 2.

Local Residents May Now Register To Vote in Coming School Elections

With two school elections coming up in the near future, a reminder on the need for those who are not now registered to do so in order to be eligible to vote was received this week from the League of Women Voters.

Persons 18 years of age and over who meet the resident requirements for voter registration, but who are not now eligible to vote, will be able to contact a deputy vote registrar in front of the Shopping Bag Market today and any Friday between now and April 1.

Professor From UC, Irvine To Speak Here Mon.

A talk by Dr. Majorie C. Caserio, associate professor of chemistry at the University of California at Irvine, will highlight the March meeting of the Mojave Desert Section of the American Chemical Society.

The meeting will take place on Monday night at The Hideaway in Ridgecrest. A dinner at 6:30 p.m. will precede the 8 p.m. talk by Dr. Caserio on "Ionic Reactions of Organic Compounds in the Gas Phase."

Dr. Caserio's research interests are primarily in the field of physical organic chemistry, with emphasis on organic reaction mechanisms.



AS A PRELUDE to his departure last Friday afternoon, Rear Admiral John M. Thomas (at left) sat down with Rear Admiral Henry Suerstedt, Jr., Commander of the Naval Weapons Center, and H. G. Wilson, NWC Technical Director, for a management discussion covering information that he had been presented during his visit here. —Photo by PHAN Jerry Sizemore

13 Military Men Re-enlist

Military enlistments at the Naval Weapons Center through the month of February.

- AMH1 Warren D. Bennett, Check Crew, Maintenance Dept. (6 yrs.)
- PHCS Clarence E. Bruce, Photo Tech, Assistant to NWC Director of Supply (4 yrs.)
- ADR2 Donald J. Dunaway, Transports Division, Maintenance Dept. (4 yrs.)
- ACO Leslie C. Hunter, Ordnance Division, Maintenance Dept. (3 yrs.)
- AT2 Leslie R. Johnson, Avionics Division, Maintenance Dept. (6 yrs.)
- AQ2 Kenneth C. Kuhl, Targets Division, Maintenance Dept. (2 yrs.)
- SD3 Modesto I. Langit, 10th Division, Administration Dept. (4 yrs.)
- ABH1 Carrol Rogers, Flight Support Division, Operations Dept. (2 yrs.)
- ADR2 William H. Shearer, Transports Division, Maintenance Dept. (4 yrs.)
- AMH1 Daniel B. Zietko, Transports Division, Maintenance Dept. (4 yrs.)
- VX-5
- PN2 Ricardo Gil, Personnel Office, (4 yrs.)
- AQ2 Kenneth W. Johnson, Aviation Fire Control Shop, (5 yrs.)
- AES Thomas R. Rains, Avionics Electronics Shop, (6 yrs.)



BRIEFED ON PROGRAMS AT NWC — Rear Admiral John M. Thomas (center), Deputy Chief of Naval Material for Operations, listens to a report by Claude Brown (right) during his visit to the Naval Weapons Center on Thursday and Friday of last week. Brown, who is head of the Weapons Control Branch in the Systems Development Department's Technology Development Division, was discussing the use of the Surface Weapons Evaluation Facility for the ASMD program when this photo was snapped. RAdm. Thomas was accompanied here by Capt. William R. Johnson (at left), special assistant to the Chief of Naval Material, and by Capt. William H. Rowden, the deputy for Surface Missile Systems Project Officer.

Ground Operations Division Ranges Vital to Naval Weapons Center Mission

By Jack Lindsey
In the first installment of the article dealing with the Naval Weapons Center's ranges, the history and background, plus current information about the Air Operations Division of the Engineering Department was the principal subject.

This week's article will talk about the Engineering Department's Ground Operations Division, headed by Ray Schreiber.

The Ground Operations Division is responsible for planning and conducting test programs that utilize the G-1 Guided Missile Range interchangeably with the Air Operations Division, G-2 Exterior Ballistics Range, Victor and G-3 Explosives Hazards Ranges,

K-2 Terminal Ballistics Range, Conflagration Control Facility at K-3B, K-3 Crosswind Firing Range, the Fuze Test Facility at Randsburg Wash Area (shared with Code 35), and the three track ranges — SNORT, B-4 and G-4.

The division is composed of three branches — the Projects Branch, under Fred Weals, the Track Branch, headed by Ray Nelson, and the Ground Ranges Branch, led by Roy Pullen.

The Ground Operations Division provides project engineering and test and evaluation services for a large variety of weapons, weapon systems, high explosive detonation studies, non-destructive testing and design studies for all Department of Defense

activities and other government agencies, such as the Department of Transportation and NASA.

Collectively, the NWC test ranges represent one of the best equipped test complexes in the United States for gathering data under dynamic conditions of free flight and for the field testing of weapons and weapon systems.

Each test range or facility is configured insofar as possible to provide the specific diverse capabilities required by the test program. Instrumentation such as photographic, radar, timing, television and telemetry, is scheduled interchangeably for a specific test program, whether the test is to be conducted by the Air

Operations or Ground Operations Division.

The Ground Operations Division is supported in the design and fabrication of needed facilities for test operations by the Test Support Division, Code 573, and the Public Works Department, respectively.

Project Branch
Personnel of Code 5721 coordinate test programs for the Ground Operations Division. They are, in a sense, watchdogs of the various programs for the customers.

Engineers in the branch receive range customer requirements and interact with operation and instrumentation specialists to develop a test plan and estimates of time and cost to meet these

requirements.

They then follow through during test scheduling, execution, data retrieval and reporting phases to assure timely and economical satisfaction of the customer's objectives, or to negotiate changes when these appear desirable or necessary.

A portion of the engineers within the branch who deal primarily with track test programs are located at SNORT headquarters and are headed by Jim Rickhoff.

Ground Ranges Branch
This branch is responsible for conducting tests involving a wide variety of ground-launched weapons on the G-1, G-2 range complex, such as guided missiles, rockets and guided and unguided

gun launched projectiles. Some of the other specialized facilities operated by the Ground Ranges Branch include:

The Crosswind Firing Facility at K-3 Range, to simulate the firing of weapons from a shipboard environment;

The Aircraft Survivability Range, which is used to study the effects on aircraft being struck by small caliber ammunition and fragments, and to design improvements that can be implemented to improve aircraft survivability;

The Aircraft Carrier Conflagration Control Facility, which is used to simulate the major conditions and effects of fire on a windswept carrier deck in order to

evaluate firefighting systems, agents and techniques;

The Fuze Range at Randsburg Wash, which is equipped with two pair of wooden towers for suspending bomber-size targets, 250 ft. in the air. These are used to evaluate fuze action when fired within known distances of these suspended targets;

High Explosive Testing Facilities, which are located at Victor Range and remote areas of Randsburg Wash. These areas are used for fragment pattern studies and studies to determine design criteria and minimum spacing criteria for earth-covered, steel arch, igloo-type magazines and other ammunition storage facilities.

Major projects currently undergoing tests on the ground firing ranges include ASROC, Chaffroc, 5-in. Rocket Assisted Projectile (RAP), Chaparral, Agile, EX-18 Illuminating Projectile, and the Eskimo II Ammunition Magazine Door Evaluation.

Track Branch
The major facilities operated under the Track Branch are SNORT (Supersonic Naval Ordnance Research Track), the B-4 transonic test track, and the G-4 terminal and exterior ballistic test track augmented by the special-purpose rain erosion facility, the target profile recognition fuze test area, the SNORT complex aeroballistic test (SCAT) range and the Sugar Loaf Mountain fuze

range. SNORT was built in 1952 for the purpose of guided missile tests, ballistic tests of guns and rockets, aircraft fire control studies and fuze tests. The track, which is capable of handling tests at track-run velocities from 200 to 6,000 feet per second, is used widely by other military services and defense contractors.

Captive-flight track testing, today, is a valuable tool used in many aspects of research, development and evaluation of weapon systems, aircraft, space vehicles and their components. It combines many of the advantages of laboratory testing with those of

free-flight testing and adds the important feature of test-item recovery for physical examination and re-testing.

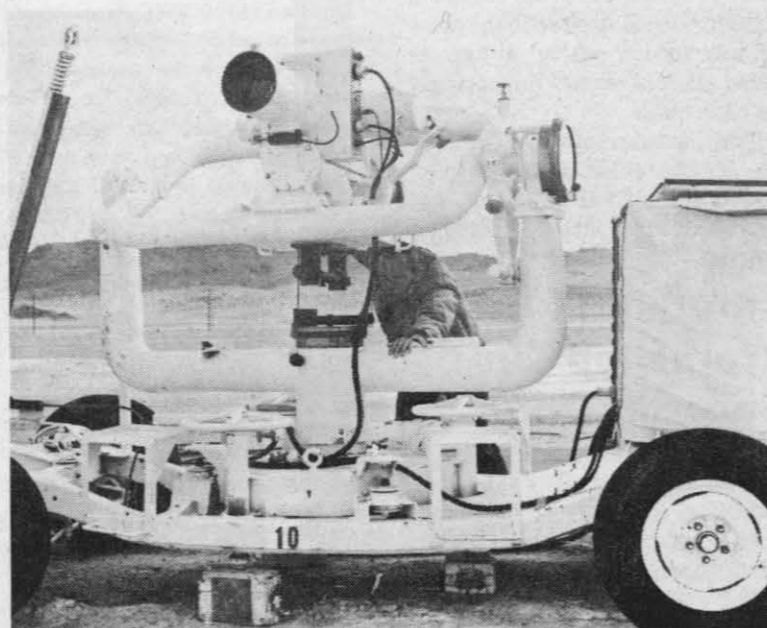
Since 1954, over 5,900 track runs for more than 500 test programs have been conducted on the three tracks.

Some significant projects currently being conducted on the track complex at NWC include AV8A Harrier aircraft seat ejection tests; M117A1 bomb (for the U.S. Army); a Wayside Power collection system for the Department of Transportation (featured in the Sept. 8, 1972 issue of The ROCKETEER); Sidewinder, Chaparral and Agile.

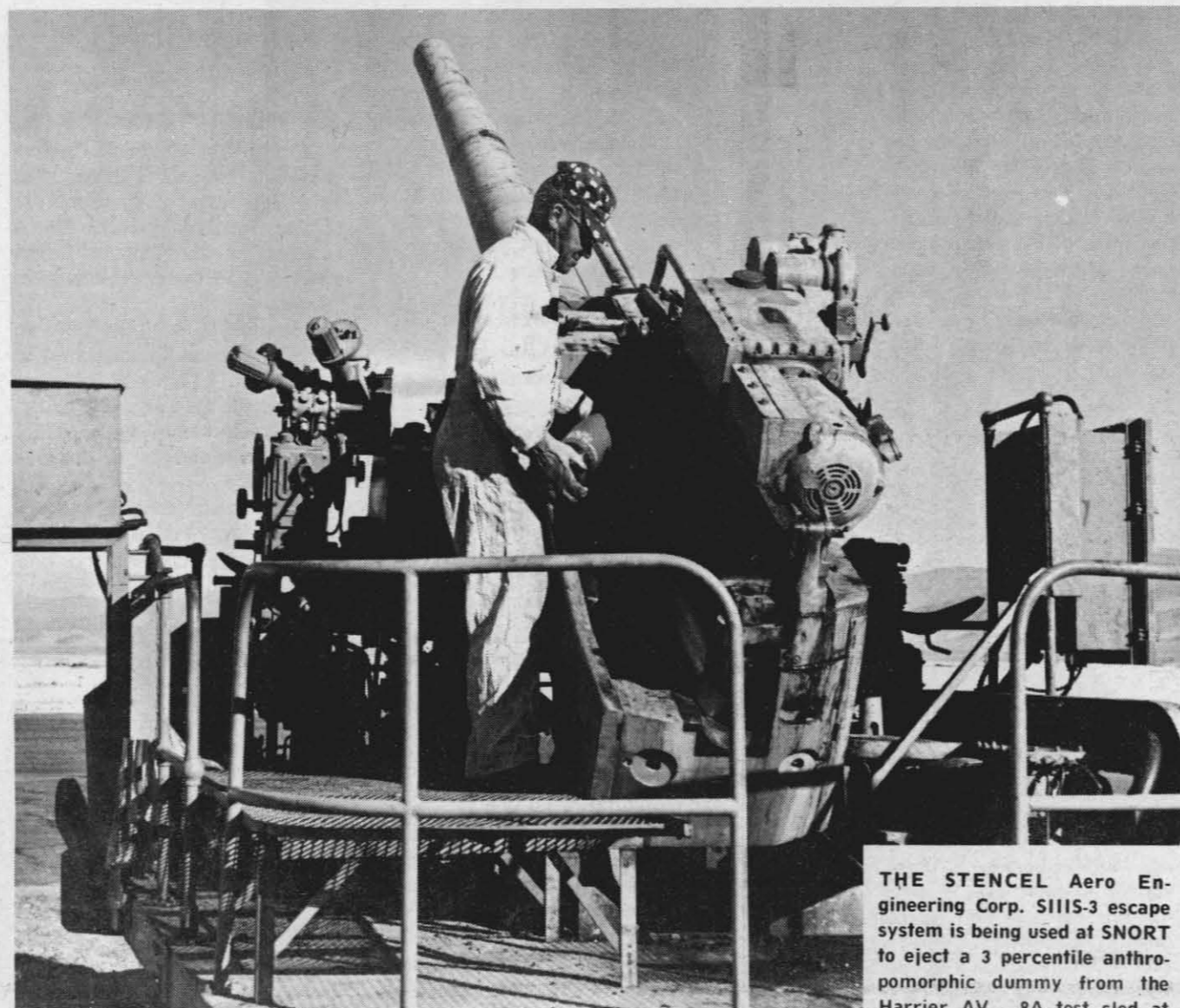
THE ROCKETEER expresses its gratitude to Ray Schreiber, Mel Miller, Quentin Dalton and John DiPol for the cooperation they extended to the author of this article, and especially to Schreiber for his assistance in selecting and identifying the many photographs on these two pages. PHAN D. M. Jenereaux, of The ROCKETEER staff, took the Bowen camera photograph.



AN A-4 SKYHAWK aircraft, mounted on a test stand at the Aircraft Survivability Facility, awaits a test. With engines running, the aircraft will be impacted with small caliber ammunition at critical locations on the fuselage and wings to determine effect of impacts and extent of damage.



JACK GODDETT prepares a Bowen camera prior to a test. The Bowen cameras, named for their designer, Dr. Ira S. Bowen, were constructed for NWC for use on the Center's ranges. There are 28 of these cameras located within the boundaries of the Naval Weapons Center.



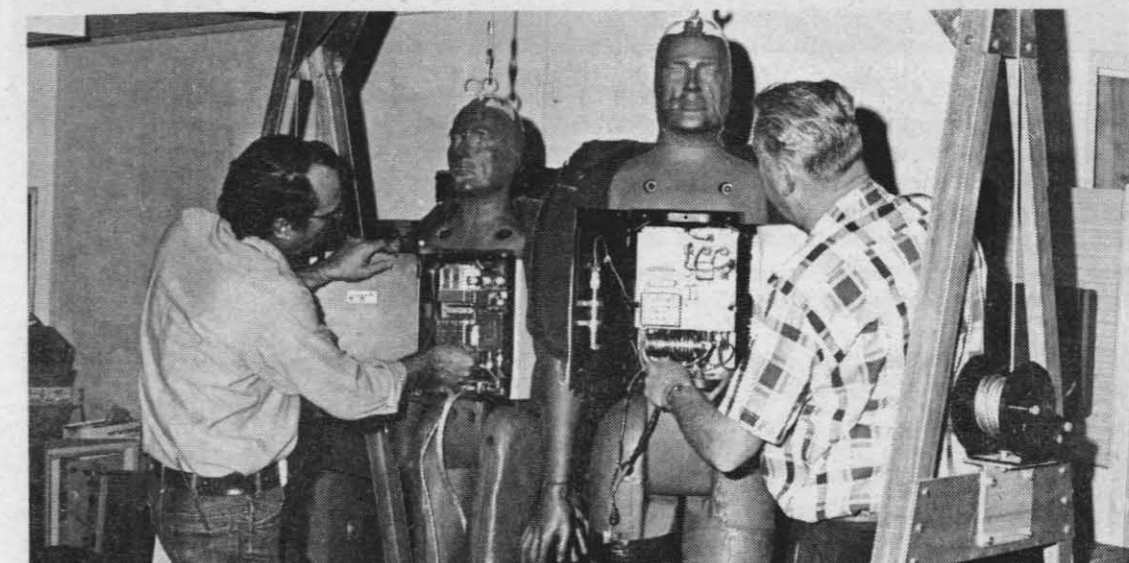
NORMAN GILBERT is shown loading a 5 in. Rocket Assisted Projectile (RAP) into a 5 in. gun at the G-2 range in preparation for firing.



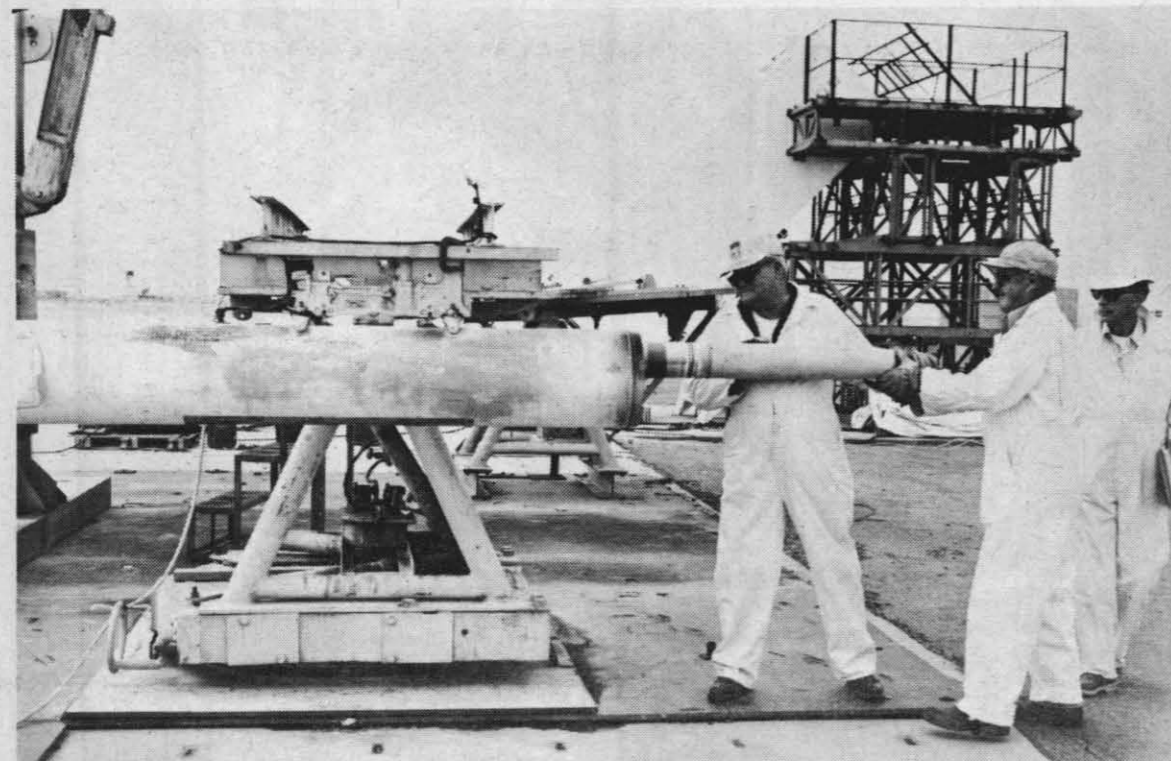
WOODEN towers at Randsburg Wash, 360 ft. high and spaced 600 ft. apart, are used to suspend full size aircraft targets at a height of 250 ft. above ground level for evaluating fuze action on gun-fired projectiles.

FIRE FIGHTING TESTS — A recent series of fire fighting tests were conducted at the Conflagration Control Facility in order to learn more about fire fighting agents and the techniques involved in the suppression of fires on aircraft carrier flight decks. Pictured above are NWC firemen assisting Code 572 in the tests.

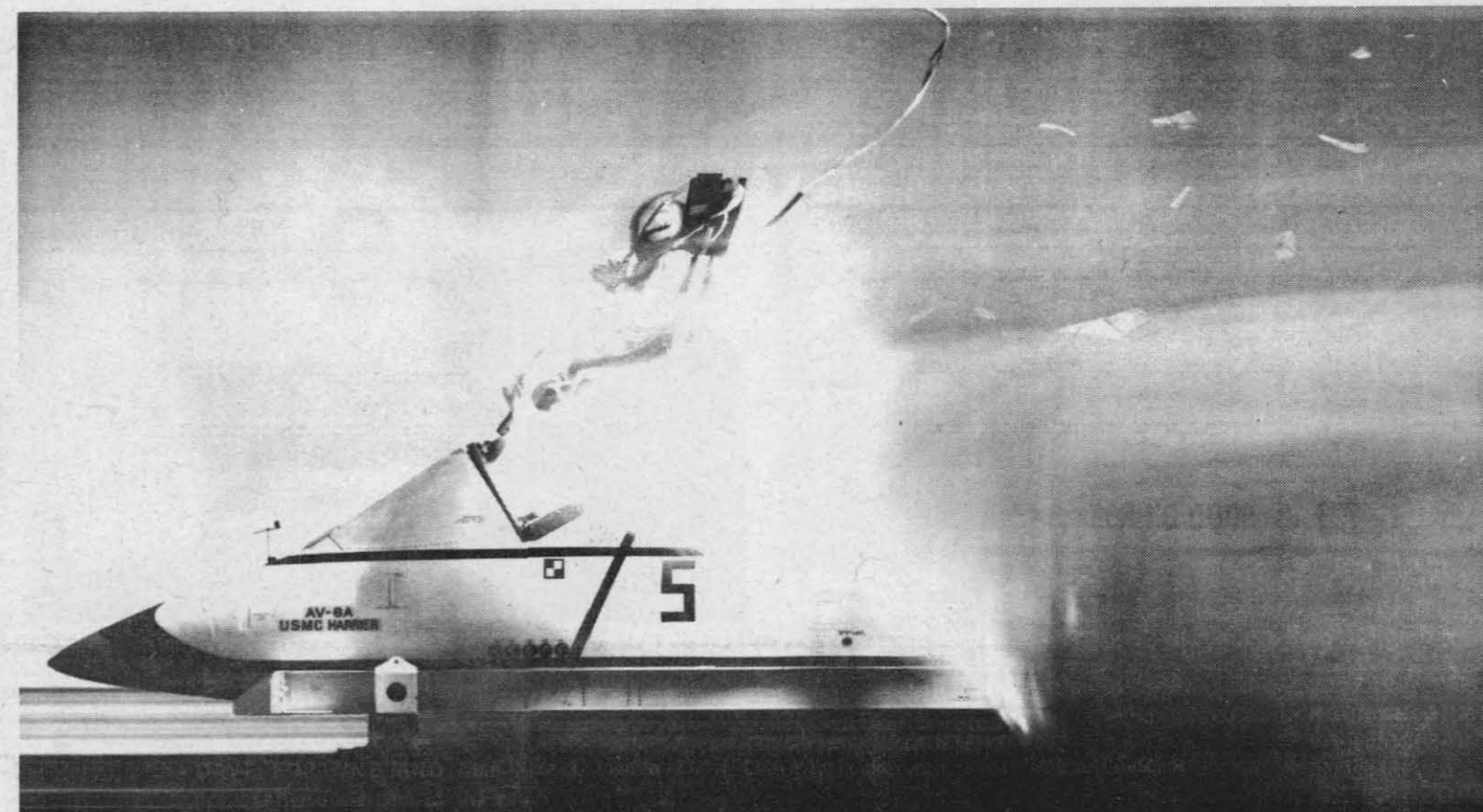
—Photo above by PH2 D.W. Yeatts



SNORT electronic personnel Robert L. Brown (l.) and Harvey W. Farrington are checking the 15 channel telemetry units installed in the anthropomorphic dummies' chest cavities. The units will be calibrated for use with several escape system programs currently in progress at SNORT.



DAVE FORTUNE AND Alan French load a ZUNI Chaffroc rocket into an LAV10-A launcher in preparation for firing at G-2 range.



THE STENCIL Aero Engineering Corp. S111S-3 escape system is being used at SNORT to eject a 3 percentile anthropomorphic dummy from the Harrier AV-8A test sled at 200 knots EAS (equivalent air speed). This escape system will be retrofitted into the USMC Harrier aircraft when the program is successfully completed.