### Page Eight

## ROCKETEER

# **High School Dramatists Rehearse for 'George M'**

Burroughs Drama Club, sponsored and directed by Alan Kubik, is hard at work on what Kubik has labeled one of the classes' "most ambitious productions."

The students will present the Broadway musical extravaganza "George M!" on May 4, 5, 6, 11 and 12 in the Burroughs Lecture Center. The show depicts the life and times of the entertainment giant, George M. Cohan.

by George White. The celebrated Cohan, who was as patriotic as he was arrogant, is the only showman in history to be awarded the Congressional Medal of Honor for the nationalism displayed in his productions. Among the memorable musical numbers featured in the show are "Yankee Doodle Dandy," "Grand Old Flag," "Mary Is A Grand Old Name," and "Give My Regards to Broadway.'

Slated to appear in the production as Cohan's parents are Stacy MacGregor and Debbie Wood. Ethel Levey Cohan, the musician's first wife, will be portrayed by Patti Farris, and his second wife, Agnes, by Angie Cohan's producer-partner, Sam Harris. Famous Broadway star to Pam Renner.

Other featured players are Teresa Orr, Judy O'Connor, Carla Bechtel, Susan Beckett, Penny Brady, Sara Brooks, Cathy Carter, Larry Carter, Steve Carter, Lora Edwards, Kenny Gould, Scott Gulick, Rick Howell, Don Keene, Mary Mathes, Steve McArtor,

A large and talented cast and Roger Monzingo, Dan Peterson, crew, composed of members of the Debbie Pierce, Karen Porter, Bob Seeley, Debbie Strayer, Judy Van Buskirk, Theresa Van Buskirk and Steve Vernon-Cole.

Assisting Kubik with the vocal direction and serving as rehearsal and performance pianist is Phyllis Boyd. Additional accompaniment will be provided by the Burroughs Stage Band, under the direction of Michael Garrett, while Nancy Miller is the choreographer.

## Cohan will be portrayed locally Home Show Set This Weekend At Fairgrounds

A Home Show, featuring displays by some 20 commercial exhibitors, will be staged this weekend at Joshua Community Hall, the Desert Empire Fair's permanent exhibit building.

The admission-free event will open this evening at 5, and re-open again on Saturday and Sunday at 10 and 11 a.m., respectively. Closing times will vary depending upon how late there are visitors who are interested in the displays.

The home furnishings, accessories and ornaments that will Lindsey. Mike Walker will play be exhibited will be appropriate for any type of dwelling. Also included will be outdoor furnishings for the Fay Templeton is the role assigned patio or around the swimming

> **Good Friday Hours** The Bank of America branch office on the Naval Weapons Center will be open for business on Good Friday, April 20, from 10 a.m. to noon



THREE LITTLE MAIDS - Pitti Sing (Elaine Fisher), Yum-Yum (Lauretta Crow) and Peep-Bo (Angie Lindsey) recount their school days together in this scene from Gilbert and Sullivan's "The Mikado." The musical production will play only twice more, tonight and tomorrow night starting at 8:15 in the Burroughs High School Lecture Center. Tickets, priced at \$1.50 for adults and \$1 for children and military personnel, may be purchased at The Gift Mart in Ridgecrest, the Station Pharmacy, from members of the cast, the Cerro Coso College office, or at the door of the Lecture Center prior to curtain time.

## **Special Entertainment Coming Up at Center's Military Clubs**

Special entertainment is on tap before and after the Frankie military clubs on the Center.

In addition to dances from 9 p.m. star, Sylvia, a singer-dancer- which goes by the name of "The commedienne

slated at 9:30 tonight at the Roger EM Club. Commissioned Officers' Mess, Horse band will play for dancing Officers Club

tonight and tomorrow night at Mangrin Show, which is slated at 11.

The Iron Horse band also has to 1 a.m. on both Friday and been scheduled for dancing Saturday, there will be a floor show Saturday night at the Chaparral by Frankie Mangrin and his co- Club, and a new musical group, Brand New Bag," will play for the The Frankie Mangrin show is Saturday night dance at the Jolly

Frankie Mangrin and his partner where it also will be Batuka Band will present their show at 10 p.m. fiesta time from 9 p.m. to 1 a.m. Saturday at the EM Club and at 11 Tonight at the CPO Club, the Iron p.m. at the 1st and 2nd Class Petty

## Symphony Orchestra Harpist To Play for Palm Sunday Program

A musical program, featuring Orchestras. selections played on the harp by Gelinda Quintile, a member of the University of Southern California's Symphony Orchestra, will be Hall, 700 W. Ridgecrest Blvd., men and their families. Ridgecrest.

Miss Quintile, daughter of the well-known harpist in both the students.

Miss Quintile also was the first TUES. & WED. harpist to have played on the USS Hornet for crew members and their families, and has entertained presented on Sunday evening, from at the Long Beach Naval Station's Patrick Magee, as the brand new head 7 to 8, at the Knights of Columbus annual Christmas party for Navy

Admission to this Palm Sunday program at the K of C Hall will be late Joseph Quintile, who was a \$2.25 for adults and \$1.25 for

# Ceramic Hobby

The Ceramic Hobby Shop will hold its annual ceramics show tomorrow. On public display will be works of members entered in competition for ribbons.

4 n.m. There is no admission

MOVIE RATINGS The objective of the ratings is to inform arents about the suitability of movi ontent for viewing by their children.

(G) - ALL AGES ADMITTED General Audiences PG) - ALL AGES ADMITTED Parental Guidance Suggester

(R) - RESTRICTED Inder 17 requires accompany ing Parent or Adult Guardian

CS · Cinemascope STD - Standard Movie Screen

Regular starting time - 7:30 p.m Matinee - 1 p.m

13 APRIL FRI. "SNOWBALL EXPRESS"

(STD 94 Min.)

Dean Jones, Nancy Olson (Comedy) This is the story of a ratrace-escaping New York City insurance company accountant (Jones) who, with his wife (Olson) and children, head for the Colorado Rockies when he inherits his great uncle's Grand Imperial Hotel. The Baxter (Jones) family, having spent most of its money, discover the hotel is a dilapidated wreck burdened by dust and cobwebs. (G)

> 14 APRIL -MATINEE-"SPENCER'S MOUNTAIN'

(STD 118 Min.) Henry Fonda, Maureen O'Hara (G) -EVENING-

'TORA! TORA! TORA!" (CS 143 Min.) Jason Robards, Martin Balsam

(War drama) World War II story of the events, from American and Japan ese points of view, leading up to and including the Japanese aerial attack on the U.S. Naval Base at Pearl Harbor on Dec. 7, 1941.

SUN & MON 15-16 APRIL "KING OF THE MARVIN GARDENS" (STD 104 Min.)

Jack Nicholson, Bruce Dern (Drama) A late-night radio per sonality, known as "The Philosopher," is summoned from his Philadelphia home to Atlantic City by his brother, who is involved with racketeers there The latter has a grandiose scheme to retire to an island in the South Seas and wants his brother to come along and thus fulfill a life-long dream they have shared, (R)

17-18 APRIL "ASYLUM" (STD % Min.)

Peter Cushing, Patrick Magee (Horror) A young psychiatrist applies shrink, welcomes the young man and tells him the job is his - if he can pick out the previous chief from among the criminally insane patients. (PG)

THURS.& FRI. 19-20 APRIL "MADRON" (STD 91 Min.)

Richard Boone, Leslie Caron (Western) Traditional Western shot in rael. Richard Boone, a tough loner, finds Leslie Caron, a nun, stranded in middle of nowhere after an Indian attack. (PG)

EASTER WEEK MATINEES

The China Lake Youth Center will present two children's matinees during the Easter vacation at the Center Theater. The program begins at 1 p.m. both days.

17 APRIL "Treasure Island"

Bobby Driscoll, Robert Newton

THURS 19 APRIL "The Yearling" Gregory Peck, Jane Wyman

PLACE

STAMP

HERE

a Quintile	charge.		10 110	uumssion	Admission,	
and recording in- ing for a bachelor's c — specializing in arp. She recently	-	1.82			other prevent	a mit [
	From	1 209. a 500.	WA TH	PATE	inations to	there in a
an NBC television ng talent from the	Dir. Ross	d hales			salbabat .	strayte die test die
ea. o her present par-		bise But			has enal	ib this prive
the USC Symphony has performed in the Palos Verdes mphony, and the		o Feolo			fing.	aksel into bas Alada
	el par l'els el sul, se	of a spe-	etmidi inimal	(the red Fold (	ation of entry of a	lest as held the team, o
Downey Symphony	Orner 10	280 <sup>10</sup> 4	no inste	plad p	".1639-	e-ini, unu

**Prizes To Be Awarded In** Spring Cleanup Campaign The China Lake Community during the week of May 21 and

Council, in cooperation with the prizes will be awarded the NWC Housing Office, will sponsor following week. Contestants will be a Yard Beautiful Contest during notifed prior to the judging of their the annual "Clean-up, Paint-up yards. Fix-Up" campaign, which begins tomorrow

Trophies and gift certificates from the IWV Lawn and Garden Center, Mean's Nursery, and the Raintree Nursery, will be awarded to the first three places in two separate categories - Most Beautiful Yard and Most Improved Yard.

Applicants for the Most Beautiful Yard must notify the Community Council in writing, using the form printed below. Contestants for the Most Improved Yard may either send in a written application to the Community Council, or call 446-3764 during the day, or 446-2219 after 4:30 p.m.

A photographer will be sent to take "before" photos to aid in judging improvements.

All judging will take place Wednesdays only.

The annual clean-up campaign will continue until May 25. Again this year, as in the past, the Housing Office will make available to tenants of Center housing materials, paint and tools to aid in the work of improving the ap-

pearance of their yards. However, there have been some changes initiated this year. Fencing materials and paint will not be delivered to tenants' homes. Instead, they will be issued at Warehouse 28, located north of Blandy Ave., and west of Argus St.

Persons who desire fencing materials and paint must first contact the Housing Office for prior approval. The hours for distribution at Warehouse 28 will be from 11:30 a.m. to 4 p.m. on

ENTRY BLANK YARD BEAUTIFUL CONTEST April 14 - May 25 Community Council, P.O. Box 5443, China Lake, CA Name of Resident Address Telephone Number

Yard Beautiful Contest \_ Most Improved Yard

Gelind

motion picture dustry, is work degree in musi playing the h appeared on special featuri

Los Angeles ar In addition t ticipation with Orchestra, she the past with Peninsula Syn South Bay and

kern.

Show Scheduled

public for viewing at Ceramics Hobby Shop, located next to the Station Restaurant, from 11 a.m. to

Judges for the event will be Beverly Forrest, from Bakersfield, and Caroline Miller, from Inyo- TUES.

The show will be open to the



FINISHING TOUCH - One of the first displays to be seen upon entering the newly remodeled lobby of Michelson Laboratory is an exhibit devoted to the former Navy officer and Nobel prize winner for whom the laboratory is named. Employees of Universal Exhibits of El Monte, the contractor involved in building and installing the Michelson Lab displays, are shown (assisted by Jim Downard, at right, of the Exhibits Branch in the Technical Information Department's Presentations Division) as they finished up work on the Dr. A. A. Michelson exhibit by setting a large plate glass section in place. This display includes a replica of Dr. Michelson's Nobel prize diploma made by Raymond A. Kasten, an engrosser -Photo by PHAN Jerry Sizemore from Los Angeles



# **Disaster Control Drill Staged To Test Emergency Preparedness** A realistic disaster control drill, medical care for those declared disembowelment to shock and

were administered first aid at the

scene and rushed to the NWC

Dispensary for treatment of a

tracture of the thigh, and a

the second to be held since the injured, and removing the dead. development and adoption of a new disaster preparedness plan for the Naval Weapons Center, was emergency preparedness drill conducted on Thursday morning of last week at the Naval Air Facility. The drill called for closely coordinated effort on the part of ordnance line personnel at the Naval Air Facility, fire and rescue workers, ambulance teams, police and explosives ordnance disposal experts, as well as doctors, nurses and corpsmen from the NWC Medical Department.

When the disaster control dril began by the sounding of an alarm alerting emergency personnel, the participants learned that the simulated situation facing them involved an A-4 aircraft that was still carrying some live ordnance which the pilot had been unable to release in the target area.

On the aircraft's final landing approach, which was short due to some mechanical problem with the plane itself, the aircraft had struck a truck that was carrying a load of sailors as it drove past the end of the runway.

The result (for the purposes of the drill) was an aircraft fire that also involved some of the sailors who were injured in the planetruck collision.

Smoke pots were strategically placed to simulate the aircraft fire, and the drill also called for defuzing two (inert) 500 lb. bombs. extinguishing the fire, providing

cranial wounds. A life-size dummy had been Thirteen of the total of 16 simulated casualties in the

placed in the cockpit of the damaged aircraft to simulate the plane's pilot, who suffered fatal burns in the accident, and two of the passengers in the truck that variety of injuries that ranged was struck by the aircraft as it atfrom extensive burns, a compound tempted to land were also declared (Continued on Page 3)

# **Move Into Systems** Analysis, Computer **Laboratory Begins**

Officer in Charge of Construction type for NWC as it included at NWC, has announced that provisions of the new Contractor beneficial occupancy of the new Quality Control Program. Under structure.

sq. ft. in area and built at a cost of Department, actually a field office approximately \$1.6 million, will of Western Division, NFEC, provide a long-needed facility for provided surveillance and local not only the existing simulation administration of the contract in and computer groups, but also accordance with the new program. expansion space for a new generation of computers.

A military construction project, the Systems Analysis and Computer Laboratory was in the planning and engineering stages for nearly four years prior to funding and award of the contract in September 1971. The Officer in Charge of Construction, Western Division, Naval Facilities Engineering Command, awarded the contract to the Cardan Co. of began in October 1971.

Capt. W. H. Sturman, Resident This contract was the first of its Systems Analysis and Computer this program, the contractor is Laboratory was established March tasked with performing inspection 29, thereby clearing the way for and testing of his own work to beginning the move into the new insure conformance with the plans and specifications. The Contracts The new building, nearly 25,000 Division of the Public Works Design of the new building was handled by the Riverside, Calif., architectural-engineering firm of Ruhnau, Evans and Steinmann,

while personnel in the Engineering Division of the NWC Public Works Department, coordinated the design with Center requirements The new building is of reinforced

concrete tilt-up construction with reinforced concrete footings and floor slabs. The roof consists of structural steel framing with Los Angeles, and construction lightweight concrete decking and (Continued on Page 4)

# 'Bluejacket of Month' **Accolade Goes to Pepper**

Naval Air Facility's Transport weekend trip. Shop, has been selected April's "Bluejacket of the Month."

Pepper, who was born in Benton, Miss., is also a flight crew plane captain for C-131 and C-117 aircraft. He was graduated from Yazoo Training School, Yazoo City, Miss., and entered the U.S. Navy in August 1955.

As a result of his selection, Pepper, and his wife, Maria, will be treated to an all-expenses paid weekend in Bakersfield by the Greater Bakersfield Chamber of Commerce, co-sponsors of the monthly program to honor an outstanding blue jacket stationed at the Naval Weapons Center.

Prior to leaving the local area, Doug Butler, owner of Desert

Machinist's Mate (Reciprocat- Motors in Ridgecrest, will present ing) First Class Thomas F. Pep- ADR1 Pepper with the keys to a per, the assistant supervisor of the new Ford automobile to use on the

Pepper is one of those rare individuals who has never attended



ADR1 Thomas F. Pepper

either "A" or "B" school in his trade. "My basic battery scores were too low to rate a school when I entered the Navy," he explained. "However, I've hit the books and was able to learn my job and advance without the schooling," he added.

Pepper recommends the Navy as a career to young men who are unsure about their future. "The Navy is now offering so many different programs to people just entering and they have every opportunity to take advantage of this," he said. "The Navy has been good to us and I've really enjoyed my time in the service," he added.

The April Bluejacket came to NAF in August 1972 from the Naval Air Station Atsugi, Japan. "I think that I work with a tremendous group of people here and the duty assignment is just great," he commented. "The wife and I like traveling and sightseeing, and the (Continued on Page 5)



REALISTIC DRILL STAGED — After firemen were able to extinguish the blaze that broke out when an A-4 aircraft making its landing approach short of the runway clipped a truck carrying a number of Navy men, attention was turned to administering first aid to victims of the simulated accident. All except one of the passengers in the truck were thrown clear, but his leg was pinned by the overturned vehicle. Working to free this man are the emergency personnel nearest the truck.

Page Two



IDEAS WORTH CASH - Three Public Works Department employees were the recent recipients of Beneficial Suggestion awards that were presented by Cdr. James L. Uhe (at right), assistant Public Works Officer. The award winners are (from left) George J. Gibson, Jerry Morrison and Vernon Nielson. Gibson received \$25 for suggesting that waste oil drums be employed to store kerosene used to clean fuel oil strainers. A check for \$210 went to Morrison for his proposal that jet-type ear muffs be kept available within reach of mechanics who test diesel engines in pump rooms. Nielson's award was \$50 for devising a grease pit pump flusher.



#### Protestant

Maunday Thursday, April 19-Sacrificial Soup Supper, 6 p.m., East Wing of the Chapel. Price of the supper is \$1 for adults and 50 cents for children, with the money received to go to a Christian organization supplying food in a needy area. A service will be held in the Chapel at 7 p.m.

Good Friday Service, April 20-4:45 p.m. in the Chapel, Easter Sunday Service, April 22 - 10:15 a.m.

#### Catholic

Holy Thursday, April 19 - Mass of the Last Supper, 5:30 p.m., in the All Faith Chapel.

Good Friday Services, April 20 - 12 noon. Holy Saturday, April 21 - Easter Vigil Service, 11 p.m. followed by Midnight Mass.

DIVINE SERVICES

PROTESTANT

Sunday School Classes are helo in Chapel

Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite

Communion Service first Sunday of the month.

ROMAN CATHOLIC

MASS

BLESSED SACRAMENT CHAPEL

MASS

CONFESSIONS

CCDCLASSES

Seventh and 8th grades

Ninth thru 12th grades

Monthly Youth Rallies

"In Home" Discussion Groups

Sunday Kindergarten thru 6th grades

Contact Chaplain's Office for specifics.

Friday 1st and 3rd ONLY

JEWISH SERVICES

EAST WING - ALL FAITH CHAPEL

UNITARIANS

CHAPEL ANNEX 95

Services

Sabbath School

1700 fulfills Sunday obligation

0700 0830 1130

1135

1135 1700

1545 to 1645

0800 to 0825

1900

0900

1930

Sunday School-All Ages

the Center Restaurant

Daily except Saturday

Daily during Lent

**First Friday only** 

Saturday

Sunday

3354, 3355, 2347 Sunday

Saturday

unday

Wednesday Noon Bible Study

1015

0900

1130

Easter Sunday, April 22 - Masses at 8:30 and 11:30 a.m.

**Confessions Schedule During Holy Week** 

Wednesday, April 18 - 3:30-4:30 p.m.; 5-5:30 p.m. Thursday, April 19 - 3:30-5 p.m. Friday, April 20 - 10:30-11:45 a.m.; 2-3 p.m.; 7:30-8:30 p.m.

Saturday, April 21 - 12 noon-1 p.m.; 3:30-5 p.m.



Naval Weapons Center

China Lake Lake, California RAdm. Henry Suerstedt, .

NWC Commander H. G. Wilson

**Technical Directo** C. E. Van Hagan

mation Department



Don R. Yockey

Editor Jack C. Lindsey

Associate Edito Jeanne Schreiber

Editorial Assistant PH1 D. C. Manderscheid PH2 R. D. Cox, PH2 Above classes are held in Chapel Annexes D. W. Yeatts, PHAN Jerry Sizemore, PHAN D. across from Center Restaurant M. Jenereaux, ADJAN Bill Brooks, PHAA As announced

Shellie K. Reed Staff Photographers

DEADLINES: News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified Printed weekly with appropriated funds by a commerical firm in compliance with NavExos P35, revised July 1958. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense

ROCKETEER

## PROMOTIONAL **OPPORTUNITIES**

Applications for positions listed in this column will be accepted from curren NWC employees and should be filed with the persons named in the ad. All others esiring employment with the Naval Weapons Center may contact the Em-Noyment Division, Code 652, Extension 069. Current applications (SF-171) or Standard Form 1972 should be submitte bringing your work history up to date if ne 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 hese positions. Part of the ranking process of those rated as basicall qualified will be a supervisory appraisa form that will be sent to the employee present and most recent previou upervisor. Selection shall be mad without discrimination for any nonmerit reason

Editorial Assistant (Typing) GS-1087-6 or Editorial Clerk (Typing) GS-1087-5 PD No. 7360006, 1 Vacancy, Code 60501 - Incumben provides editorial assistance in the preparation of reports, manuscripts and documents for personnel of the Applied Science Division of the Research Department Also provides limited secretarial services for this division. Work demands an unusual degree of patience, attention to details, and a liking for close and exacting work. Minimum Qualification Requirements: As defined in CSC Handbook X-118 Job Relevant Criteria Must be a qualified typist. Must have sufficient command of English grammar and composition to make constructive corrections and contributions so that manuscripts are acceptable. Must be able to work under severe time limitations and show initiative with a minimum of supervision. Promotion Potential: GS-5 to GS-6.

File applications for above with Claim Lewis, Bldg. 34, Rm. 204, Ph. 2723. Clerk-Typist, GS-322-4, PD No. 7050023, Code

5041 - This position is located in Development Division II of the Fuze Department. Duties include typing reports, manuscripts, correspondence, procurement actions, arranging travel itineraries, making reservations and typing travel orders, receiving visitors and telephone calls, and receiving and distributing mail. Minimum Qualification ents: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be qualified

Electronics Engineer, GS-855-9-11, PD No. 7350021, Code 5011 - This position is located in the Systems Study Branch of the Advanced Systems Division of the Fuze Department. The incumbent must investigate, devise, and implement state-of-the art electro-optical hardware solutions to advanced sensor problems. This work requires a capability in the application of modern electronic circuit techniques to the design of audio frequency and wide band video amplifiers, optical source drivers employing both continuous wave and pulse modulation, and implementation of passive and active optical systems. Minimum valification Requirements: As defined in CSC landbook X-118. Job Relevant Criteria: The position requires a sound background in electro-optical system design, principles and application of solid state laser technology and neasurement of optical reflectance properies. A work background in optical backscatter operties, optical reflectometry optical design and active optical systems is necessary.

File application for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118. Electronics Technician, GS-856-7, PD No. 7340053, Code 4057 - Works with design engineers in the development of electronic circuits for laser weapons. Applies circu theory during testing of experimental breadboards and recommends design change to improve circuit operation. Utilizes various

(Continued on Page 7)

Friday, April 13, 1973



DIVERSIFIED ARTIST - Martina Camphausen holds a pen and ink drawing that won her a blue ribbon in the adult amateur division of the Kern County Art Festival area finals last weekend. To her left, on the wall, is an acrylics painting of two gypsy children for which she also won a blue ribbon in this same division. DeDe Huddleston was the sweepstakes winner in the adult amateur classification. Other sweepstakes winners were Joyce Summers, a sophomore at Burroughs High School, who won the high school division; Tannya Lack, a seventh grader at Murray School, whose work was chosen best of the junior high school entries; and two sweepstakes winners in the elementary school category — Marine West, a third grader at Las Flores, who took the kindergarten through third grade class, and Erin McBride, winner of the fourth through sixth grade classification. Miss McBride is a sixth grader at St. Ann's School. Over 500 paintings were entered for judging and more than 1,100 persons viewed the show, which was held at the Community Center.

# **Safety Tips Offered For** Easter, Also Year-Round

The Easter season is now at hand, and this will bring Easter egg hunts to be enjoyed by many youngsters in the local area.

Noting this, a reminder was issued by the NWC Safety Department suggesting that the planners of such events remember where they hide the candies and eggs in order that any missed by the children can still be picked up later.

Failture to do so can create a future hazard for youngsters who may become ill if they attempt to eat such goodies after they have become contaminated by fertilizers or insecticides.

During this time of emphasis on spring cleanup activity, spokesmen for the Safety Department also urge that attention be focused on preventing accidents in the home by recognizing and correcting potential hazards

No one keeps statistics on how many lives are saved or injuries prevented because there are many who have a positive attitude about safety and take action to eliminate or minimize the possibility of accidents

Such persons check electric cords and replace frayed ones. They also move medicines, cleaners and solvents out of the reach of small children. addition, they go through their home a room at a time to check for In possible hazards, and do the same thing in the garage or car port, in play vards and driveways.

Time also should be spent by parents discussing possible accident hazards with older children, the NWC Safety Department suggests. Persons who do this find their sense of personal responsibility being transferred to others at home, at work and as they drive a vehicle.

"You are the safety expert for your family, so make sure that your own happiness will not be marred by preventable accidents at Easter time, or at any other time throughout the year," NWC Safety Department officials stress.



CANTATA SOLOISTS - Soloists and musicians for the up-coming Lenten Cantata, to be presented on Sunday at the All Faith Chapel, beginning at 4 p.m., rehearse their numbers. They are (1.-r.): Sam Haun and Richard Fowler, baritones; Dovie Leonard and Marlys Melsted, sopranos; Greg Erdmann, tenor; Carl Helmick, baritone; Shirley Helmick, organist; Joan Fowler (at the piano), and Ray Blume, who will direct the 70-voice choir. Blume is director of the Cerro Coso College Choir, Mrs. Leonard conducts the All Faith Chapel Choir, and Mrs. Melsted is director of the Grace Lutheran Church Choir. The three choral groups will combine for the cantata entitled "The Seven Last Words of Christ." NWC Chaplain R. E. Osman and the Rev. Robert Johnson, pastor of the Grace Lutheran Church, will narrate the -Photo by PH1 D. C. Manderscheid program. Admission is free.





Clerk-Typist, GS-322-5, PD No. 7355014, Code 5500 - Position is located in the Engineering Department office. The incumbent will assist the department secretary in providing clerical and typing services for the department office. Primarily, the incumbent will provide clerical support for the two associate department heads. Duties will include typing, scheduling appointments and meetings, arranging travel and a variety of clerical type duties. Minimum Qualification Requirements: As defined in CSC X-118. Job Relevant Criteria: Ability to provide the full range of clerical services in an engineering organization. Experience that has provided knowledge of engineering and scientific terminology. Ability to work under

## Dates Set for Annual NAF Spring Olympics

According to Jim Brown, who has been designated the organizer for the event, other innovations to take place for the first time will be a slate of team events, including bike racing, 440 and 880 relays, football throwing for distance and accuracy, basketball free throw shooting and skeet shooting.

Also, volleyball and horseshoes have been added as team events. Highlight of the team competition will be a 10-man "tug-o-war."

Friday, April 13, 1973

ROCKETEER

SAVED FOR POSTERITY-A surplus World War II vintage anti-aircraft searchlight and generator, previously stored on Baker range at the Naval Weapons Center, was loaded onto a truck recently for shipment to the Admiral Nimitz Center, located in Fredricksburg, Tex. The searchlight will join an array of Navy equipment that is beind assembled for displays tracing the events that shaped the battles in the Pacific during World War II. Visitors to the Admiral Nimitz Center, which is scheduled for completion in 1976 as a memorial to the man who led the Pacific Fleet to victory in the war, will be able to look over a lagoon studded with miniature islands-each with its own story and exhibits about incidents that transpired in the Pacific theater of operations, from the attack on Pearl Harbor to the final surrender by the Japanese. Also very much a part of the Admiral Nimitz Center will be the newlyrestored Steamboat Hotel, built at Fredricksburg in 1847 by the grandfather of Admiral Nimitz. There, mementos of pioneers days and the old west will be found within the hotel and its auxiliary buildings. A theater, offices and a library, a display of combat art, as well as a gift and souvenir shop and a refreshment stand, also are included in the plans to attract visitors to the Admiral Nimitz Center when it is -Photo by ADJAN Bill Brooks completed three years from now.

# **PROMOTIONAL OPPORTUNITIES**

(Continued from page 2) electronic test instruments such as oscillo-

scopes, oscillators, voltmeters, recorders, pulse generators and other special test consoles and rate tables. Performs field and flight testing requiring special testing setups and facilities. Job Relevant Criteria: BS degree, or equivilent, in mathematics, science and electronics fundamentals; experience working with small signal and large band-width, signal processing, digital electronics and logic and a working knowledge of special design practices required for military packaging. Minimum Qualification Requirements: As defined in

File applications for above with Elizabeth Sodergren, Bidg. 34, Room 206, Ph. 2676. Plasterer, WG-3605-10, JD No. 208, 2 vacancies, Code 70415 - Incumbent applies plaster, cement, stucco, or similar material to wall, ceilings, and other surfaces to provide nsulating, weather-proof or decorative sur faces, in the construction, maintenance, and repair of buildings. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

File applications and Supplemental perience Forms for above with Carol Downard, Bldg. 34, Room 210, Ph. 2393.

The annual NAF Spring Olympics, slated to be held from April 23 to 27, has been expanded this year to include interested personnel from NWC

pressure Ability to work independently. This position has promotion potential to GS-6. File applications for above with Pat Gaunt, Bldg, 34, Rm, 212, Ph. 2514.

Secretary (Typing), GS-318-4 or 5, PD No. 7345046, Code 457 - This position is located in Propulsion Systems Division of the cumbent provides typing and clerical services to the division head and his staff. Incumbent types correspondence, letters, memos, technical reports and studies, and maintains standard files. Duties include typing, Experience with Sweco and Raymond grinding timekeeping, travel orders, mail collection and distribution. Job Relevant Criteria: Must be a qualified typist; experience with the IBM Magnetic Tape Selectric Typewriter knowledge of standard Naval correspondence format; ability to deal effectively with people; demonstrated general secretarial proficiency desirable; and experience with personnel forms desired. Minimum Qualification Requirements: As

defined in CSC Handbook X-118. Machinist (Maintenance), WG-5315-10, JD No. 37-4, 2 vacancies, Code 4553 - This position is located in the Maintenance Machine Shop of the Facilities Branch, Engineering Division, of Propulsion Development Department. Major responsibility of the Maintenance Machine Shop is the installation, repair and Room 101, Code 652, China Lake, Calif., to be maintenance of explosive processes and received or postmarked by 29 April 1973. equipment. The work is performed in the China Lake and Salt Wells Laboratories where Bldg., Room 100, China Lake, Calif.

90 per cent of the machinery and process equipment is used in research and develop ment of propellants, explosives, pyrotechnic and materials relating thereto. Job Relevant Criteria: Familiarity with machine shop equipment such as lathes, mills, saws, dril presses, and grinders; hydraulic operated Propulsion Development Department. In- presses, both platten and extrusion ranging from 1 to 15 in. on the extrusion process and from a few pounds to 300 ton platten presses Familiarity with propellant and explosiv mixing kettles from one pint to 150 gallons mills for grinding powder and sensitive materials. Experience with hydraulic pump and motors; speed and torque tachometers vacuum pumps and air compressors Minimum Qualification Req defined in CSC Handbook X-118-C.

> Grossman, Bidg. 34, Rm. 204, Ph. 2925 The Naval Weapons Center, China Lake Calif. announces a competitive promotion examination for supervisory Planner Estimator (general), WN-6701-07, An nouncement No. NWC-3 (73). Applicants must file Standard Form 172 (supplemental experience or qualification statement) and supplemental wage grade supervisory in formation sheet with the special examine

File applications for above with Linda

Forms may be obtained at the Person

**Employee In** The Spotlight

"Chuck" Willhite knows what to do if you strain your back, but he'd much rather prevent it from happening.

He is head of the Human Factors Traffic Safety Division of the NWC Safety Department, but more than that, Chuck is a board-certified corrective therapist and rehabilitation coordinator.

"I'm often asked why I'm working in safety," he said. "I feel a greater sense of accomplishment for my efforts in accident prevention. There's a tremendous sense of accomplishment when a therapist has a seriously injured person up and around for the first time, but I feel a greater sense of personal achievement when I know individual's accident or injury," he explained.

Chuck wasn't always a safety man, dealing in prevention. He has more than 23 years experience in corrective therapy, beginning with employment at the Veterans' cases," in the Federal service. Hospital in Long Beach, Calif., in 1950. Fresh out of the Marine Corps hospital as a corrective-therapist, specializing in spinal cord injury rehabilitation.

During World War II, Chuck served with the 2nd Marine Division at Saipan, Tinian and Okinawa. Wanting to help others recover from the disastrous and crippling wounds that he had witnessed during the war spurred him to therapist who has accomplished as study corrective therapy at the University of Illinois following his discharge from military service in 1946. He was graduated in 1950 with a BS degree in the field of rehabilitation

After spending seven years at Long Beach, Chuck joined the staff of Dr. Thomas Drummond at the Ridgecrest Community Hospital, where he opened up the valley's first physical medicine rehabilitation service center. He worked at the hospital for 11 years, then gave in to his desire to prevent the accidents, rather than care and treat them.

In 1968, he joined the staff of the Safety Department as a consultant in the area of human factors as they relate to safety.

Since that time he has published





**Charles E. Willhite** 

I've had a hand in preventing an many papers, performed speaking engagements on the subject of accident and injury prevention, and, according to K. S. Skaar, head of the Safety Department, Chuck has been "... a real influence in reducing lost time from back

Dr. Elmo R. Zumwalt, the NWC Industrial Medical Officer for and college, Chuck came to the many years, said of Chuck: "Principally, due to your effort, we (NWC) have gained sufficient facilities and equipment that . . . has aided a lot in getting people back on the job, or relieving their aches and pains. ..." he wrote.

"I don't think that anyone has had the greater privilege of having the advantages of a corrective much as we have here," Dr. Zumwalt concluded.

Although his work fills much of his time, Chuck still finds time to play. He especially enjoys singing barbershop harmony and is a longtime member of the local chapter of S.P.E.B.S.Q.S.A. (Barbershop quartet singers). In addition, he entertains whenever he gets the opportunity.

"When I was in the South Pacific, I had the distinction of providing the first bit of entertainment for the troops after the occupation of Tinian and Saipan," Chuck recounted.

He thoroughly enjoys his speaking engagements and often acts as a master of ceremonies. "I just let the ham in me come out." he grinned.

Chuck and his wife, Annette, have three children - Jeanette Carol, 26, who is working for her teacher's credential at Cal Poly, Pomona; Gail, 21, who is employed in Ridgecrest, and Gary Martin. 19, presently working in Ridgecrest and looking forward to attending college in the fall.

Chuck met Annette at a high school dance in Danville, Ill. "It was called the Twitterpated Twirl, I'll never forget it," Chuck recalled. The couple was married in 1946. Annette also attended the University of Illinois, where she majored in music.

The Willhites confess to one extravagance - grandson Ricky Connell, II, who is 16 mo. old.

His local community service also includes membership on the board of directors of the Indian Wells Valley Council for Retarded Children. During the four years he was with the organization, Chuck initiated arrangements to bring in a volunteer speech therapist, as well as a physical therapist from the Elks' Rehabilitation Program in Lancaster.







Volleyball Season Begins

The NWC Intramural Volleyball team, 15-12, 15-0, 15-1.

League got off to a bang on

Tuesday, April 3, in the Center

gymnasium. Games were played

in both Division A and the Women's

In the opener, The Hatchetmen,

last year's champs, took three

from the VX-5 representatives, 15-

0, 15-6, and 15-3. The Yahoos

whitewashed the Cudboors, 15-1,

15-5 and 15-0, and the Bouncers

took three games from Loewen's.

In the Women's Division, the Ifs

ran away from the Hits and Misses

15-2, 15-3 and 15-4, while the Net

Climbers took two from the Senior

Swingers, 15-2 and 15-5. They lost

In other action in Division A this

past week, The Hatchetmen

15-8, 15-0 and 15-5.

the second game, 15-5.

Division.

ROCKETEER

nwc rocketeer SPORTS In The Catbird Seat **By Jack Lindsey** 

Bill Sorbo shot a 36 on the final 9 holes to sneak into first place in the Commander's Trophy Tournament, held last weekend at the China Lake Golf Club.

Sorbo's 141 was one stroke better than Bobby Kochman's net 142, thereby robbing the Catbird of a pretty neat prediction. I've been watching "the Kotch" lately and he's swinging better than ever. Look out for him during the CPO Golden Anchor next month.

As for Sorbo, he shot extremely well and made a couple of birdies on the back nine which made all the difference. Bob Zimmer placed third with a 145 net total.

Zimmer and Kramer took first place prizes on the final day with net 69s. There were more than 60 entries in the tournament, which speaks well for the new tournament director, Chris Petersen. Looks like a good year in the offing.

**Two Cents Worth Added** Nobody asked my opinion of the latest Muhammed Ali controversy, but I thought I'd get in my two cents worth anyway. I watched the Howard Cosell report on ABC's "Wide World of Sport" last Saturday and nearly lost my lunch. Howard often affects me that way, but this show was worse than usual. Ali's jaw was broken "by the end of the 7th round," was the consensus. So who cares?

The only thing that really matters is that the jaw WAS broken and he definitely lost the fight. I have always contended that Ali was a very lucky fighter in what I consider to be, at best, a phony sport. Ali shined at what he was best--a showman. His escapades often amused me, and at times, angered me, but at least he gave the fans a show. But that was not enough.

I detect a "Let's resurrect Ali time friend, the ebullient Howard. Gad, I hope not, for Norton proved what was in the back of my mind all the time-that Ali can't take a punch, and the physical fitness of his legs had little if anything, to do with it

And, judging by what happened to Joe Frazier, if Ali had been fortunate enough to gain a fight with George Foreman, he would have needed more than a good pair of legs under him. Much more.

Varsity Softball Marty Denkin, newly appointed manager of the MDISL varsity softball program, called to say that the deadline for registration for 4:30 p.m.

All those who want to participate on the MDISL softball team should pick up a form at the gym office and fill it out.

home, and at night.

-Photo by Leo Rickmers RELAXING AT HOME - Earle Roby, who was selected March's "Athlete of the Month," is shown at his home with his wife, Gwen. An

aviation nut, Roby is a sportsman for the joy of the competition itself, and professes no great desire to practice simply for the sake of exercise. He is proficient in bowling, golf and softball at NWC, having been a frequent winner in those sports, without ever having had to dedicate himself as some champions must do.

## **Roby Selected as 'Athlete** Of the Month' for March

hard in order to excel in a given Men's Bowling Association City sport, there are those rare in- Tournament, dividuals who are able to succeed at everything they undertake.

was selected March's "Athlete of the Month" by the Command Administration Department's Special Services Division.

high average bowler, and an ac- the Fast Pitch League. complished softball player. And he engaged in the sport of softball four children-Steven, 14, Joann, does one see Roby working out. Native of Detroit

Born in Detroit, Mich., he attended high school and college there. It was while a student at the University of Detroit that the NOTS (now NWC) recruiter found Roby and lured him to the desert.

Arriving at the Naval Ordnance Test Station in 1952, Roby took until 1953 to begin participating in Desert Inter-Service League organized sports. He has continued bowling tournament placed fifth, to do so for more than 20 years and and did not bring home any hopes to continue for as long as he valuable MDISL points. The can. "As long as I don't embarrass tournament took place this past myself," he puts it.

Often referred to as a "natural made people wonder what he places in the singles category. from the ashes" note from his long- might have been able to accomplish if he had really applied himself. When questioned about such an eventuality, Roby replied that "Such a thing always seemed too much like work."

**Thrives on Competition** 

Earle doesn't participate in sports to keep in shape. "Exercise for exercise's sake doesn't appeal to me," he said. "I thrive on competition. It's not how good you are, but how well you apply the talents you have that is most satisfying," he added.

An intense athlete in whatever sport he is engaged in, he isn't bothered by a bad play or a muffed tryouts is next Friday, April 20, at shot. "Oh, I may think about it for a moment or two, but I never lose any sleep after I blow one," he philosophized.

At the moment, Roby is concentrating on bowling. The According to the Dink, nearly all weekend of March 10-11 proved of the games will be played at worthy of this attention as he took home first place in the singles

While most of us have to work event of the Ridgecrest-China Lake

He is presently averaging about 190 in the Monday night Premier Such a person is Earle Roby, who League (bowling only three games per week). Roby carries a seven handicap at golf, and even after laving off for a year, can manage to sustain that figure. He also plays Roby is a low handicap golfer; a softball for the Bud Eyre team in

In his spare time, Roby devotes hardly ever practices. Only when himself to his wife, Gwen, and their 13, Leisa, 6, and Scott, 4. A private pilot, Roby states that flying is his favorite pastime. Aside from these activities, he enjoys watching sports, but says "I'd rather play than watch, any day."

### **Keglers Shut Out**

NWC's representatives at Edwards AFB for the annual Mojave weekend.

However, local bowlers finished

distances that varied from one Preston coasted to second. mile for the 7-10 yr. old group to 16 Ten miles were covered by

honors.

## Little League **Needs Umpires**

desperately in need of men or league's games this coming Tom Lehmann, in second place. season

to apply.

April 23 to Aug. 1. An umpire's clinic will be held on Monday at the C. D. Brown, head of the Command athlete," Roby has frequently in first, fourth, fifth and eighth NWC Training Center, beginning Administration Department, who at 7 p.m.

the Yahoos defeated the VX-5 11 and 15-10, before losing 9-15. **Bicycle Race Held Sunday** Mother Nature behaved herself Jimmy Mello captured the Sting

In Division B-2 play, the

Maharlika team defeated Central

Staff 15-1, 15-9 and 15-3. Division B-

1 action saw the Net Hangers top

Catch-22, winning two games, 15-8,

15-11 and losing one by a score of

12-15. The Hummers took the

measure of NAF for two games, 15-

In other women's games this

past week, the Bouncin' Boobs

proved to be a bust as they lost all

three to the Court Clowns by

identical scores of 15-4 and sagged

to last place in the Women's

Division-1. In Division-2, the

Volleybells whipped the Maybes,

Last Tuesday evening, the Ifs

topped the Sweet Things 15-3, 15-6

15-1, 15-3 and 15-6.

downed the Bouncers in three close and 15-7, while the Knee Knockers

matches, 16-14, 16-14 and 15-9 and toppled the Net Climbers twice, 15-

6, 15-9, before losing 9-15.

ter/IWV Bicycle Club co- group. David Murray was second. sponsored April Fool Bicycle Race Kitty Winterbourne rode off with was finally held, one week late. top honors in the girls' 11-14 race A field of more than 50 entrants with Shelly Mello second. For the in 10 divisions rallied at the corner boys, ages 11-14, Tom McFarland of North Knox Rd. and Nimitz Ave. sprinted over the four mile track in on the Center, to race over a one- a time of 9 min., 57 sec., to garner mile course. Cyclists raced the first place trophy. Steve

Women's Libbers will be upset to

The final event of the day was the men and Doris Hammer led the The 1973 season will run from field among the women entries.



BICYCLE RACE - Cyclists in the 11-14 age group line up at the start-finish line for the April Fool's Day Bicycle Race, held last Sunday. The race was delayed one week due to the bad weather. More than 50 entrants, divided into 10 divisions, raced varying distances over a one-mile course.

last Sunday and the Youth Cen- Ray division for the 7-10-year-old

miles for the 18-39 year old men. contestants in the boys' 15-17 Paul Pinto zipped home ahead of bracket. Rich Mello was unthe pack, while Brian Frietag daunted as he breezed home in 26 finished second in the first race of min., 35 sec., and picked up the the day for the Midget Boys' first place ribbon. Dave Boyd division (age 7-10). The distaff finished second. The girls in this version of this same division was age group were led across the won by Ellen Spindler, while Zan finish line by Sheryl Garrard, Mendonca took second place while Debbie Meggers came in second.

know that in the 18-39 age group, the men raced 16 miles, while the feminine entrants had only to The China Lake Little League is traverse a six mile route. Penny Chase and Jean Butler finished 1-2 women who wish to volunteer their for the women. K. G. Stevens took services as umpires for the top honors for the men, followed by

Persons who are over 18 years of Veterans' Division, for bicyclists age and who will be able to call at 40 years of age and above. Al Boyleast one game a week, are asked ack was the ribbon winner for the

> Awards were presented by Cdr. was also the official starter.

Friday, April 13, 1973

WELCOME EXTENDED - RAdm. Henry Suerstedt, Jr. (on left), Commander of the Naval Weapons Center, was at the Naval Air Facility last week to welcome aboard RAdm. R. E. Spreen, Commander of the Naval Ordnance Systems Command. During his 11/2 day visit to China Lake, RAdm. Spreen received a general briefing on current NWC programs, with emphasis on Anti-Ship Missile Defense during presentations that were given by W. B. Porter, associate department head for ASMD in the Systems Development Department, and by G. O. Miller, head of the Code 30 Advance Systems Program Office.

enable the Center to provide

the county or even farther afield.

Capt. Robert S. Moore, Com-

manding Officer of the Naval Air

Facility), discussion focused not

able to respond effectively in the

event that a natural disaster, such

elsewhere in Kern County.

# **Realistic Drill Staged...**

(Continued from Page 1) to be fatally injured.

This was a much more realistic type of drill than the one staged on March 1, it was noted by LCdr. J. J. Mason, head of the Medical Department's Administrative Services Division, thanks in part to the use of special equipment provided by the disaster team from Port Hueneme that was used to simulate blood spurting from wounds and bone fragments jutting out from the bodies of the injury victims.

**Dispensary Team Ready** 

At the NWC Dispensary, a team was set up to receive the accident victims and, in a little more than 30 minutes, a doctor had prescribed what treatment was necessary, designated those who needed immediate surgery, and ordered X-rays for others. At the same time, a nursing team was busy setting up the necessary treatment for each of the 13 accident victims.

Included among the measures taken in the simulated emergency situation were calls to the San Bernardino area for additional blood supplies and to the **Ridgecrest Community Hospital to** alert doctors there to be prepared for an additional workload. In addition, the steps necessary to arrange for the evacuation by air of three or four of the most severely injured accident victims also were taken.

**Drill Proves Helpful** 

According to W. E. Davis, the Center's Disaster Preparedness Officer, much was learned from this second emergency preparedness drill, since it pointed out areas in which there is a need for more efficiency in order not only to be prepared to handle local emergencies, but also in order to ROCKETEER

# **NWC Physicist** Gets Mail By Way of China

Old-timers in the Indian Wells Valley can tell stories of the early days when new employees of the Naval Ordnance Test Station, China Lake, Calif., would drive over the hill on Highway 6 hauling their boats and trailers.

"The consternation would be tremendous when they discovered there really wasn't a lake here," said Rod McClung, talking of those days.

Now, many people know that China Lake is something of a misnomer-the lake is a dry oneand those who purchase boats do so specifically to float them elsewhere. The general consensus is that China Lake, because of the research and development work being done here, is famous the world over, and EVERYBODY knows it's located on the Mojave Desert.

physicist in Code 6014. Carl recently answered an advertisement in an Italian magazine. The address on the return letter from Paso Chemicals, located in Milan, Italy, was to the Naval Weapons Center, Code 6014, China Lake, CA 93555.

Inscripted on the bottom of the envelope, however, was the legend: "Missent to Peking (China)," and "For'd to U.S.A."



TICKLISH ASSIGNMENT - The April 5 drill also provided an opportunity for explosives ordnance disposal personnel to practice their skill on two (inert) 500 lb. bombs that are supposed to have broken loose during the aircraft landing accident that triggered the -Photos by ADJAN Bill Brooks emergency at NAF.



AID TO COMMUNICATION - This videotape view shows Dr. W. B. La Berge, NWC Deputy Technical Director, responding to one of the many questions asked by Bill Blanc (at left), who interviewed the panelists participating in a question-answer session aimed at developing information of general interest to Center employees. Others who were "On the Spot" with Dr. LaBerge were Mel Sorge, head of Central Staff, and Ray Harrison, head of the Personnel

# Video Presentation Tried "Not true," says Carl Helmick, a As Aid to Communication

tation, produced by the Presen- ments to schedule additional showbetween NWC management and 3379. employees, is currently available for viewing by all interested work groups on the Center.

Entitled "On the Spot," it consists of an interview conducted by Bill Blanc, an audio-visual

A 27-min, videotape presen- producer in Code 7522, Arrangetations Division of the Technical ings can be made by contacting the Information Department as an office of the Technical Presentaexperiment in communication tions Coordinator, at NWC ext.

> In preparing for the interview. telephone calls were made to a random selection of NWC employees in all grade levels and at different locations on the Center asking them what questions they would ask management representatives if they had the opportunity to do so.

For this first videotape presentation, a panel composed of Dr. W. B. LaBerge, NWC's Deputy Technical Director; Mel Sorge, head of Central Staff, and Ray Harrison, head of the Personnel Department, were on the firing line to answer a wide variety of inquiries, ranging from the outlook for NWC now that U.S. involvement in the Vietnam War has ended to others pertaining to hiring and promotional opportunities.

Those who have already attended numerous showings of "On the Spot" have been asked to judge both the content and technique of the presentation, and were encouraged to jot down additional questions they would like to have answered by some future group of panelists.

"Overall response has been almost unbelievably favorable," Earle Kirkbride, head of TID's Presentations Division, stated "Some suggested ways to improve, but everyone responding throught the idea was good."

Among the comments offered were:

"The direct (albeit one way) audiovisual communication from top management reflects an honest, down-to-earth quality which is not possible in written form."

"...much better vehicle for getting information to the working class than the previous public meetings with senior people reporting back to the workers."

"We hope Center employees will give us lots of feedback on this first tape," Kirkbride said, "Only if we know what questions they want answered can we pick panelists for future tapes who will be interesting to most employees."

Questions and suggestions should be sent to Code 752.

### PILOT DECLARED CASUALTY - Before the fire (simulated by the use of smoke pots) could be brought fully under control, firemen can be seen moving in with a ladder in an attempt to rescue the aircraft pilot, who was declared to be fatally burned in this truck-aircraft collision that was the focal point of last week's emergency preparedness drill at the Naval Air Facility.

#### Page Four

built-up roofing.

puter Lab.

(Continued from Page 1)

Brick masonry walls provide a

transition from Michelson Lab-

oratory, with its enlarged and

remodeled main lobby and a new

the Systems Analysis and Com-

This new wing of Michelson

Laboratory has been designed with

electronic computing equipment in

mind. Particular features of note

include special flooring to provide

for hidden cabling between elec-

tronic cabinets, modern air con-

ditioning systems using an under-

floor air supply for cooling the

electronics gear, isolated elec-

trical grounds for each of the

pieces of major equipment,

stabilized electrical power for the

UNIVAC 1108 computer, and a 400

Hertz power generator for ex-

In addition, flight tables in the

new Simulation Laboratory area

will have special hydraulic and

**Fire Protection System** 

system has been installed with a

bulk carbon dioxide under-floor

extinguishing system and carbon

dioxide hose reels in each of the

major equipment rooms. There

also is a sprinkler system that

extends throughout the building,

and a sophisticated alarm network

The Computer Lab itself will

house personnel and equipment

from the Systems Development

and Weapons Development

Departments. The Code 30 groups

that will be moving to the new

facility are the Head, Assessment

Division (Code 303) and the Code

303 staff, the Data Automation

Branch (Code 3031) and the

Computer Sciences Branch (Code

Moving into the new lab from

Code 40 will be the Simulation

Laboratory Branch (Code 4064) of

Major items of equipment to be

housed in the new computer wing

are the Center's UNIVAC 1108

computer system run by Code 3037,

the data automation center

operated by Code 3031, and the

preparation of the Center's

payroll, its move into the new

building will have to be timed

Lobby Remodeled

The first area to be activated is

the remodeled Michelson Lab

Permanent exhibits represen-

facilities supporting the mission of

the Naval Weapons Center have

been set up in the enlarged south

The overall content of the new

Laboratory was conceived from

the outset as an effective means of

orienting and apprising Center

visitors of the unique and dynamic

facilities and technology which

national reputation, according to

Ray Sinnott, head of the Exhibits

lobby of Michelson Lab.

carefully between pay periods.

lobby.

the Aeromechanics Division.

3037).

monitors the entire area.

A new unique fire protection

pneumatic utilities provided.

perimental equipment.

## Friday, April 13, 1973

# **Mission For Kids Aided By Navy Couple**

they own in Mexico (Baja) last year, Lt. Daniel J. Harrington, IV, and his wife, Nancy, drove into the town of La Mission to purchase some bakery goods.

Lt. Harrington asked the baker what he did with his day-old bread. and was told that the bread was donated to The Door of Good Faith Mission, near the town.

After discussing the mission, Lt. Harrington and his wife drove to see it and were very impressed with what they saw.

"The mission is operated entirely from donations," he said. Food, clothing, materials, money, labor . . . anything," he added. The Harringtons found out that approximately 90 children, ranging from 21/2 mo. to 17 years of age, live in the mission.

Although they are labeled orphans, technically they are not. "Each of the children has at least one parent, but generally these are children who are not cared for." Lt. Harrington explained.

When the Harringtons returned to China Lake they began to look around for ways in which they might help the children of the mission. Recently, WACOM, operators of the China Lake Thrift Shop, donated 200 lb. of clothing to be distributed to the children at The Door of Good Faith. The gift made up eight huge bundles of

Faced with the problem of transportation, Lt. Harrington asked Capt. E. M. Crow, Com-Evaluation Squadron Five, who responded by providing air the 30 miles remaining over the Baja, Calif., roads to the mission by Mrs. Harrington.

"They still need lots of help down there," Lt. Harrington said. "Persons who would like to donate clothing or other items, or their labor to help construct a two-story building presently being erected. are invited to call us at 446-6996."

While visiting a campsite which

Thinking to use it as fishing bait.

clothing

manding Officer of Air Test and transportation to San Diego. The clothing was then driven by auto

tion Department's Presentations "Experience with previous lobby

Systems Analysis, Computer Lab Move Begins...

exhibits indicated the need for fewer words and bolder graphics. Since visitors rarely linger in the classified weapons display area, to lobby long enough to read lengthy printed messages, information must be communicated at a glance," Sinnott said. He pointed out that support of the Fleet, with the special requirements of accent on weapons and related effort, is the major emphasis of the exhibits

Division.

#### **Designer Well Known**

With the exception of the Laboratory Honorees exhibit, all graphic design was done by Robert Shepard, nationally recognized for exhibits and publications created for TRW and other major companies. Construction and installation was accomplished under Shepard's supervision by Universal Exhibits of El Monte, Sinnott reported.

"The total effect of this contemporary new lobby was intended to achieve an atmosphere of industry and accomplishment comparable to that of IBM, ITT or TRW," Sinnott concluded.

To the right, upon entering the lobby from the vestibule, is located the historically significant display devoted to Dr. Albert A. Michelson. It provides a glimpse of the many accomplishments and the unique are flanked by organizational personality of the man for whom the laboratory is named.

Moving left along the east wall of the lobby, the mission of the Naval Weapons Center is spelled out, using both words and colorful graphics, and next to it there is a three-dimensional map that is marked to indicate NWC facilities and nearby geographic and historic points of interest.

Just beyond the map is located a recessed motion picture viewer that is stocked with 5minute films on NWC-related subjects.

#### Weapons on Display

A 20-ft. display of actual weapons has been mounted on the south wall of the Michelson Laboratory lobby. Included in this exhibit are Sidewinder, Shrike, Walleye I, Zuni and Agile missiles displayed against a background consisting of Center's major complexes of a silkscreened view of obsolete analog and hybrid computing weapons that go back over the systems supervised by Code 4064. years in American history.

Completion of all site Adjoining the weapons exhibit on preparation and moving of the south wall also can be found a equipment and personnel is ex- display depicting the missions, pected to require approximately aircraft and activities of the Naval three months. Because the Air Facility and Air Test and UNIVAC 1108 computer is used in Evaluation Squadron Five (VX-5). **Research Work Highlighted** 

Moving to the west wall of the lobby, some dramatic results of NWC's Technology program are depicted, alongside a fairly comprehensive look at what the Center is doing in the area of research.

Behind the receptionist's desk tative of various activities and can be seen an aerial view of Ridgecrest and China Lake, together with a few words about what the two communities have to offer and, prominently displayed at end of the west wall where it south lobby of Michelson meets the new corridor to the Systems Analysis and Computer Laboratory, the honorees' exhibit is located.

A prominent island in the middle of the Michelson Lab lobby have contributed to the Center's features a montage of photographs that were taken during President Kennedy's memorable visit to Branch in the Technical Informa- NOTS in June 1963. These photos

DISPLAY TAKES SHAPE - Not unlike working on a puzzle, contractor employees fitted together the pieces that went into a new display in the lobby of Michelson Laboratory which deals with the mission of the Naval Weapons Center. Work began Monday and was completed Wednesday evening on the permanent exhibits in the south lobby of the laboratory.

**Hebrews Plan** charts and appropriate graphics showing the structure of the **Passover Seder** Department of the Navy and the Naval Weapons Center.

The Exhibits Branch of the Technical Information Department's Presentation Division also has responsibility for displays in the new classified weapons demonstration room, that adjoins the corridor leading to the Systems Analysis and Computer Laboratory

Through actual hardware, simulations and-or operating demonstrations, art effort in support of the NWC mission will be displayed. Areas to be included in the weapons demonstration room encompass the categories of airborne assault, radar suppression, air combat, research and technology and ship defense.

Work began Monday and was completed Wednesday evening on the permanent exhibits in the south lobby of Michelson Laboratory.

The Hebrew community of the

Indian Wells Valley will celebrate

Passover with the annual Com-

munity Seder at the Commissioned

Officers' Mess on Tuesday, at 6

Services will be conducted by

The menu for the evening will

include Gefilte fish, chicken soup

with knaidlech (matzo balls),

Cornish game hen, baked potato

with sour cream, green beans, and

compote. Tea and cake will also be

Final Tryouts Set

The final tryouts for the

Minor Division of the China

Lake Little League will be held

tomorrow at Diamond No. 4,

beginning at 9 a.m. This tryout

is for boys, 10-12 years of age.

Late registrations will be ac-

cepted at the field.

served.

Student Rabbi Paul Tuchman.

HANDS ACROSS THE BORDER — Personnel of VX-5 carry bags of clothing donated by the WACOM Thrift Shop to a waiting aircraft for transport to San Diego, and then on to the Door of Good Faith Mission in La Mission, Baja, Calif. The eight huge bags of clothing (weighing more than 200 lb.) were the result of a plea for help by Mrs. Nancy Harrington for assistance to the more than 90 young children who reside at the mission. WACOM and VX-5 answered the call.





technology has led to Navy kilometers, or more. programs for development of E / Oconditions.

leads the division.

The primary objective was to Lecture Center. establish, equip, and operate a general-purpose E/O field laboratory for laser far-field studies, E/O equipment evaltical target signature meathe laboratory was selected for its remoteness from populated areas, elevated optical path, long, optical paths, and high elevation for clear visibility. The remoteness allows for safe laser operation.





## Friday, April 13, 1973

### ROCKETEER

Page Five

# Activity at Joshua Ridge **Field Laboratory Described**

Department.)

The establishment of this laboratory at the Naval Weapons Center was a key action in improving the Navy's E / O research and development capability. The lab is located in the Electronic Branch of the Electronic Systems Department's Electronic Warfare

is responsible for the establishment and operation of the lab.

The primary laboratory and target sites are located on elevated feet of terrain clearance over most on Heimaey Island.

(Ed. Note: Today's article about of the path lane. Basic target sites the Joshua Ridge Electro-Optical are located at 1.9, 5.6, and 9.7 Field Laboratory is the final in- kilometers from the primary crement dealing with the ranges of laboratory, but other target sites the Electronic Systems Depart- (up to 27.4 kilometers) are ment, headed by Leroy Riggs. The available through controlled acseries will continue next week with cess areas. (Longer path lengths the final installment of articles on are available but greater care the NWC ranges, and will be must be exercised). The primary concerned with the ranges of the laboratory and the three basic Propulsion Development target sites are all at elevations greater than 4,400 ft., where Modern electro-optical (E/O) visibility is generally 60

The Joshua Ridge Electrosensors and sensor coun- Optical Field Laboratory has been termeasures. The Joshua Ridge constructed and instrumented so Electro-Optical Field Laboratory, that the far-field laboratory-type under Jack Leininger, was experiments can be performed in established in August 1970, because the real-world atmosphere. the Navy had no suitable facility Geodesic domes protect personnel that was equipped to collect the and instruments from the elements far-field engineering data needed and are equipped with a variety of for development programs or to lasers, detectors, tape recorders, evaluate sensors under field oscilloscopes, timing receivers, multiplexers, and other laboratory equipment.

## Lecture About Volcanic Action In Iceland Set

An hour-long free public lecture Division. W. G. Hueber is the and film slide presentation about branch head and D. J. Russell the volcanic eruption that has devastated Heimaey Island, a part The laboratory comes under the of Iceland's Vestmannaeyjar Iscognizance of NAVAIR, and NWC land group, will be presented next Thursday, April 19, starting at 8 p.m. at the Burroughs High School

The speaker will be Dr. Norbert W. O'Hara, a geophysicist assigned to the NWC Research Department's Earth and Planeuation and calibration, and op- tary Sciences Division, who was one of a multitude of scientists surements. The site chosen for from all parts of the world who were able to visit and record their firsthand impressions of this natural phenomena while it was at its destructive peak.

Dr. O'Hara returned home with both aerial and ground level photos ridges so that the optical paths clarity the devastating effect of the between them have hundreds of volcanic action that began Jan. 23



PRE-FLIGHT INSPECTION AID—MSgt. James Jones, assigned to the Marine Liaison Office at NWC, recently received a check for \$500 from Capt. E. M. Crow, Commanding Officer of Air Test and Evaluation Squadron FIVE, for a beneficial suggestion he submitted last year. MSgt. Jones' idea solved a problem that had plagued AHIJ attack helicopter pilots for years. He suggested and installed a simple white light that allows a pre-flight inspection of the oil level sight gauge. Previously, it was almost impossible to read the gauge. The makers of the AHIJ Bell Helicopter thought enough of the idea to begin installing the light at the factory. MSgt. Jones split the cash with AEC John Darcey of VX-5, who helped with the installation.

says Dr. Robert Rockwell, president of the China Lake Mountain Rescue Group, during a demonstration of rescue equipment to Murray Annex School fourth graders. Rockwell was invited to talk to the classes of Mrs. Nancy Herrington and Mrs. Eleanor Blackwell on March 30. He responded by giving the children tips about camping safety through the use of slides and by lecturing. Afterwards he demonstrated equipment used by the CLMRG during a rescue. Above, the class is shown how a person is strapped into a stretcher. Right, a young member of the class grimaces at the weight of a pair of oxygen bottles (about 40 lb.).

'THIS IS THE WAY WE DO IT,'



## Naval Reservists Aid in Sidewinder Fuze Study

member of Naval Air Systems Department. The development of two duty days per month and two in color which show with awesome Reserve Unit U-4, reported contract is held by the Santa recently to the Naval Weapons Barbara Research Center. Center for a two-week training NASRU Unit 4 was organized duty assignment that is part of a last November at Point Mugu, but design-to-cost study of the has since been transferred to the Sidewinder AIM-9L fuze

> greatly enhanced by input from mobilization assignments, duty NASRU officers, who have been assigned here for their annual training duty.

Cdr. Boyajian, an aeronautical ineer employed by the Hughe Space Communications Group in El Segundo, Calif., is working on the critical problem of the hermetic seal in Sidewinder AIM-9L fuze section.

Development of the AIM-9L fuze is under the cognizance of Jim Wills, an employee in Fuze Project

## Bluejacket...

(Continued from Page 1) nice thing about China Lake is that it is so centrally located to all sorts of varying things to do," he added.

The Peppers have five children - Tom Jr., 9, Curtis, 7, John, 5, and twins Angelica and Angelo, 20 mo, old.

Pepper enjoys playing softball and baseball and is big on watching football. Maria is a dressmaker and also loves to bowl. "She has lots of trophies she won while we were stationed in Japan," her husband bragged.

Cdr. Ara M. Boyajian, USNR, a Branch III of the NWC Fuze functions and training assignments

Naval Weapons Center. The orders

weeks each year.

Cdr. R. B. Phinizy, president of Genisco Techonology Corp. in Compton, is Commanding Officer of NASRU Unit U-4 which, at present, consists of ten men in This technical study has been transferring the unit here included duty-pay status, six associates and three officers in process.



AIM-9L FUZE STUDIED - Cdr. Ara M. Boyajian, USNR, here for a two-week training assignment, studies the intricate lens arrangement in one part of the Sidewinder AIM-9L fuze in preparation for his work aimed at improving the hermetic seal in the fuze. -Photo by PHAN Jerry Sizemore