Page Eight

Cast Now Rehearsing For 'Mame'

Bea Goode Moore, well known actress and singer in the local area, will be featured in the role of "Mame" in the Community Light Opera and Theatre (CLOTA) production of the same name, slated for production on April 28 and 29, and again on May 5 and 6 in the Burroughs High School Lecture Center.

William Blanc, director of the CLOTA spring production, announced this week that work is progressing on the ambitious venture. "We are quite happy with members of our cast," he said.

Rick Howell has been selected to portray the part of Mame's nephew, Patrick, as a young man, and Greg Erdmann will play Patrick as a grown-up.

Agnes Gooch, Mame's frumpy secretary, is the part that will be taken by Marsha Burgner, while Joan Renner will be seen as Vera Charles, Mame's best friendly enemy.

Others in the cast are Andy Stanford, as Peter, Coral Nicholson, as Gloria, and Cathy Carter, as Pegeen.

Beauregard Jackson Pickett Burnside, Mame's best beau, will be recreated by Leo Barglowski, Judy Vuono is Sally Cato, and Everett Baker will portray Babcock.

Others who will have parts in the production are Charles Guilmette, as Junior, Charles Wilcox, as Ito, Loren Russakov, in the role of Woolsey, and Gail Falkenberg, who is to be seen as Madame Branislowski.

Mary Newfeld has the role of Mother Burnside, Catherine Fredette is Mame's Cousin Fan, Jim Diebold will be seen as Uncle Jeff, and Charlotte Paulsen and Mike Zaleski will portray the Upsons. David Allen will handle the roles of stage manager and elevator boy.

Members of the chorus for the CLOTA production of "Mame" are Caren Diebold, Pam Renner, Elena Vitale, Betty Williams, James Rosolanka, Doug Blew and John Wooldridge.

Dance Slated Tonight At Officers' Club

The return engagement of a Commissioned Mess. There will be said. dancing from 9 p.m. to 1 a.m.

dancing.

reservations early.

Commissioned Officers' Mess. level flight. Alexander is booked at the same "We chose a 3,350 cubic inch control of the airspeed. time and place on Monday nights displacement Wright 18 cylinder As the thinning air began to throughout the month of March. radial engine for the Bearcat's require a more shallow climb

WORLD RECORD SETTER-Lyle Shelton recently set a new time-to-climb world record when he flew

his Phoenix I, a modified F-8-F Bearcat, from ground level to 10,000 ft. in 91.9 seconds. Shelton, a Naval Reservist with a unit at Los Alamitos, is employed as a co-pilot by TWA. He owes much of the success in his record-setting flight to the help of William H. Hickle (photo inset), an NWC employee in the Weapons Development Department, who was the chief engineer in charge of rebuilding and modifying the Navy fighter aircraft after it was wrecked in a crash.

NWC Engineer Helps in Effort To Set Aircraft Climbing Record

By Budd Gott

Ten years experience in the aerospace field and the engineering skill of William H. (Bill) Hickle, of the Weapons Development Department, were a major contributing factor in a world time-to-climb record set by Lyle Shelton in his Phoenix I, a modified F-8-F Bearcat on Feb. 6 at Thermal, Calif.

Hickle, who has been associated with the Advanced Aircraft Systems Program Office, Code 4008, since December, 1970, was the chief engineer involved in rebuilding the F-8-F Bearcat and preparing it for Shelton's bid for the world time-to-climb record. The new mark was established at 91.9 seconds for 10,000 feet in a piston engined, propeller driven aircraft.

The Bearcat used in the recordsetting climb was rebuilt from a total wreck recovered from an Indiana farmer's field in 1968. The plane had rolled wing tip to wing tip on its crash. In addition, the tail section had been ruined "Three Way Street" is scheduled crash occurred. "We had to almost

Owns Three Planes

Reservations are continuing to Hickle, who is an antique plane wishers looked on. be taken for the COM's St. buff, rebuilt and owns a 1929 three-Patrick's Day dinner-dance, which place Curtiss Robin and a 1936 is scheduled next Friday, March four-place Cessna Airmaster. In forward with a deafening roar 17. Admission to this event, which addition, he built from the ground from its engine and leaped into the will feature music by "The up a 1965 two-place Skyfly CA-65 air at 115 mph after 200 feet of Phantoms," has been set at \$3.25 which bears Serial No. 1. He had takeoff roll, then leveled off for few rising. per person for both dining and the advice of Yugoslovian plane seconds to pick up the best rate of designer Anton Cvjetkovice in climb airspeed. Reinaldo Jacques, the club construction of the craft.

back for his second appearance of the Bearcat is probably the best minute. the month on Monday night from 7 performing propeller plane ever Layers of temperature inversion TO

power plant," Hickle said, "and this required a complete new design for the engine mount.

"It's a tried and true engine. It was used to power the Boeing B-29, the Lockheed Electra, the Douglas DC-7, and the Douglas A-1 Skyraider," Hickle noted.

Shelton's Phoenix I is one of the most extensively modified racers ever flown and truly a stand-out," Hickle emphasized.

Record Attempt Recapped

The latter recapped that eventful day of Sunday, Feb. 6, at the California Airport in Thermal when Shelton, a TWA co-pilot and member of a Naval Reserve unit at Los Alamitos, set the new time-toclimb world record.

Weather conditions were far from suitable for maximum engine performance because of warm temperatures and high humidity. Hydraulic problems prevented a launch at 7 a.m. when conditions would have been best.

However at mid-morning, with repairs made, the Bearcat was run when it was pulled out of the up to high power and strained musical group known as the rather swampy area where the against the quick-release cable holdback system.

Plane Begins Climb Upon release, the Bearcat shot

With wheels retracted and a manager, has asked that those Hickle noted that the Grumman climb speed of 190 mph, Shelton planning to attend make their F-8-F Bearcat was the last piston- rotated to a climb angle of 50 powered fighter aircraft used by degrees and began clawing for Pianist Norm Alexander will be the U.S. Navy. It is his view that altitude at the rate of 8,000 feet per

to 11 in the Plaque Room of the built capable of over 480 mph in caused changes in engine power and caused some difficulty in exact

angle to maintain airspeed, the key THURS. 8,300 ft. level flashed by and Shelton rotated the Bearcat to a near verticle angle and zoomed FRI. to the 10,000 feet level between two orbiting observer aircraft with National Aeronautic Association officals aboard.

Fuel Nearly Exhausted

At 11,000 feet, Shelton rolled the almost suspended Bearcat over Banking Hours On and plunged back down toward earth with only a few gallons remaining of its lightly loaded gasoline supply.

There could be no delay for this anding-and there wasn't-as Shelton slipped the idling Bearcat landing

Back on the ground, Shelton heard the official time as 92.5 seconds-a world record for propeller airplanes. The crew and spectators were happy.

But, after a discussion between Shelton and the crew about quick release, climbing, and zoom techniques, it was decided that the time could be bettered.

tonight in the Mojave Room of the rebuild it structurally," Hickle The big propeller blew a huge ished with gasoline, alcohol, and cloud of dust back from the end of other fuel additives and prepared the runway as a crowd of 500 well- for another attempt. The second try at 11 a.m. was again spectacular-a new world record of 91.9 seconds was set.

> Further attempts were abandoned as the desert temperature velvet bow, as a gift from her was 70 degrees F. and rapidly

From . PLACE STAMP HERE

Showbo MOVIE RATINGS The objective of the ratings is t form parents about the suitability of novie content for viewing by the

(G) - ALL AGES ADMITTED General Audiences (PG) - ALL AGES ADMITTED (R) - RESTRICTED

Under 17 requires accompany ing Parent or Adult Guardian

10 March WHO SAYS I CAN'T RIDE A RAINBOW?

(50 min.) Jack Klugman, Norma French (Comedy) Jack "Odd Couple" Klugman plays Barney Morowitz, a man dedicated to kids and animals, who runs a pony farm in Greenwich Village in face of great opposition. A true story brought to life just for fun! (G) "BRIDGE TO SPACE" (20 Min.) SAT

-MATINEE-

"THE LONG DUEL" (115 Min.) Yul Brynne

"FATHER'S DAY OFF" (7 Min.) --EVENING-

"THE DIRTY OUTLAWS" (102 Min.)

Chip Corman, Rosemarie Dexter (Western) Horsethief is rescued from hanging by a band of Confederate soldiers as they and other renegades seek a payroll wagon to rob. It's an action gun-bustin' oater that never slows down. Pretty Rosemarie's an asset. (R) "SUNDREAM" (11 Min.) 12-13 March SUN. & MON

"A CRIMINAL AFFAIR" (95 Min.)

Ann Margret, Rossano Brazzi Ann Margrer, Rossand Dratt (Crime-Drama) A top criminologist decides to become wealthy—in a hurry! He and his gorgeous assistant who doesn't know of his plans, rob a full opera house audience of \$2 '/o million in jewels! Fast and funny film. (PG) "HEARTS" (16 Min.) TUES. & WED 14-15 March

"THE OMEGA MAN" (98 Min.) Charlton Heston, Anthony Zerbe (Science-Fiction) It's 1977 as Charlton drives through a deserted Los Angeles left barren by germ warfare from which he is immune. Other survivors of the plague are bent on destroying any symbol of civilization. CHILLER (PG) "GO FOR CROAK" (7 Min.) 16 March

"BARBER OF SEVILLE" ted by the China Lake Civic Concert 17 March

"T. R. BASKIN" (90 Min.)

Candice Bergen, Peter Boyle Candice Bergen, Peter Boyle (Drama) Small-town girl's caustic sense of humor and lack of inner faith helps her fait to find fame and fortune in Chicago. Her wisecracking wit upsets romatic interludes creating inevitable frustration. (PG) "SENTINELS OF SILENCE" (19 Min.)

March 31 Changed

Looking ahead to the observance of Good Friday on March 31, officials of the China Lake facility of the Bank of America announced this week that the bank will be open over the crowd for a three point for business during the morning hours only (from 10 a.m. to noon) on March 31.

> This is a change from the usual practice of opening the bank for business between noon and 3 p.m. on Good Friday.

Bowlers...

(Continued from Page 6) **Sunday Sinners**

Vern Monckton's 541 was the pacesetter for the league, and the 221 game he rolled in the set was high for the men. Peggy Ames came through with a 195-522 to lead the women's scoring.

What young lady bowler, currently involved in helping hubby build their own home, received a spouse? He was overheard to remark, "She digs it."

Prior to joining the legal field, school trustees to get things Vickers worked as an operations moving on the unionization front yeoman. While stationed at (Continued on Page 3) Jacksonville with VAP62 he made



YN2 Vickers Chosen As 'Bluejacket of Month"

March.

ville, Fla.

As a result of his selection. Vickers, and his wife, Bea, will journey to Bakersfield on the weekend of March 24-26 as guests of the Greater Bakersfield Chamber of Commerce. While in that city they will be lodged at the Casa Royale Motor Inn, where they will also receive their meals. Bakersfield merchants will

present the young Navy man with gift certificates and discount coupons in recognition of his vote in June on the question of selection as the March "Bluejacket unionization (combining) of the of the Month" from the Naval China Lake Elementary and In-Weapons Center.

Butler, owner of Desert Motors, to School board members inuse on the weekend jaunt. structed Dr. Paul Smith, district Although Vickers works as a superintendent, to prepare a legal yeoman, he has other resolution on the unionization aspirations. He is currently election question for possible studying law from the LaSalle action by trustees of both local Extension University, and hopes to elementary school districts. pass the bar exam while still in the China Lake school board mem-

Navy. "There will soon be a new rating in the Navy," he explained, "called a Legalman, and I hope to acquire district's conference room. that rating," he added.

The decision of China Lake

Friday, March 10, 1972

11 March



ROCKETEER

nwc rocketeer

BLUEJACKET PREPARES FOR FISHIN' TRIP-YN2 Terry Vickers and his wife, Bea, discuss what fishing equipment they should pack for a trip to the couple's favorite fishing haunt, somewhere north of Bishop on the upper Owens River. Vickers, selected as "Bluejacket of the Month" for March, is a legal yeoman on the legal officer's staff at NAF.

legal office at the Naval Air Facility, has been selected "Bluejacket of the Month" for

The Torrance, Calif., native is a career man, and enlisted in the Navy in September, 1965. He came to China Lake in March, 1969, from the Naval Air Station, Jackson-

Yeoman Second Class Terry many temporary additional duty Michael Vickers, who works in the (TAD) journeys to far-off places. "I was in Europe for four months, Spain, England and Norway, with a photographic squadron preparing maps," he said. "Also, I spent six months in Vietnam as an operations

yeoman," he continued. Vickers enjoys legal work, because, as he puts it, "I've always been interested in military justice.

His wife, Bea, is the daughter of (Continued on Page 3)

Vote Looms **On School** Unionization

Initial steps leading to a possible dian Wells Valley Union School Prior to leaving the local area, Districts were taken at Monday Vickers will receive the keys to a night's meeting of the China Lake new Ford vehicle from Doug district's board of trustees.

> bers met to consider approval of the resolution at a special meeting that was held at noon today in the

China Lake California

Vol. XXVII No. 10

INSIDE ... 'Fractured Follies' a Success ... 2 AGILE Missile Panel Meets Final Concert Slated Girl Scout Week

March 10, 1972

Sports Metcalf To Pay Visit Aircraft Record Set

NWC Fuel-Air Explosive Weapon Proven Very Effective in Vietnam

Used To Clear Helicopter Landing Areas

Fuel-Air Explosive (FAE) weapons that are now in routine operational use in Vietnam, where they have been found to be highly effective in clearing helicopter anding zones of mines and booby traps or for destroying bunkers and other defensive positions, owe their existence to the skill and know-how of Naval Weapons Center ordnance experts who were successful, as early as 1960, in their attempts to detonate an FAE.

Part of the role of a research and development center such as NWC is to develop a reservoir of theories and ideas that may well be ahead of their time but are nevertheless available and can be drawn upon when future needs arise. And it was due to this capability here that NWC personnel, a number of whom had plugged steadily for years for the FAE weapon system, were able to come up with the answer when the need became apparent (early in 1967) for a means of eliminating helicopter landing losses due to enemy mines and booby traps that in Vietnam

Introduced in quantity last May in the Vietnam War, the airdelivered weapon deploys cannisters that disperse a fuel-air mixture which is then ignited to produce high intensity blast and concussion.

While the blast from FAE weapons completely denudes trees (or man-made) camouflage, it neither kills trees or creates a bomb crater. In areas of Southeast



BOMBS AWAY-Floating earthward after being dropped from an OV 10 Bronco, an FAE weapon falls toward a target area along a riverbank in the central highland area of South Vietnam. The photo was snapped from the rear of one of the attacking aircraft.

when compared with the damage resulting from the use of frag- achieved the first free air mentation-type bombs. It has been found, for example, that chunks of steel imbedded in the blasted trunk of a hardwood tree not only can wreak havoc with saw blades, but were being suffered by U.S. forces also can be the cause of widespread damage inside a lumber mill if a large mechanized saw blade hits such an obstruction and the log is hurled off its track.

The principal behind FAE weapons goes back to World War II days when the Germans experimented with coal dust explosions in an unsuccessful attempt to develop and strips away an area's natural a new item of ordnance for their arsenal. Even though word of these of the CBU-55, which has since experiments leaked out, it wasn't become the first production model until 1960 that Bill Gey, a former FAE weapon. Asia that are the world's prime research chemist in the Propulsion source of some kinds of hard Development Department (now woods, this is an important plus retired) and Arnie Nygaard, no

longer a China Lake employee, detonation of a fuel-air explosive device in tests carried out here.

From that time until 1967, the Navy devoted most of its effort on FAE devices to research on fuels and in efforts to determine the characteristics and utility of the FAE device.

Because of what was happening in the Vietnam War, in January, 1967, the first firm requirement was set forth for which sufficient technology was available to satisfy an expedited development schedule. This was followed in July of that year by allocation of the initial funds for engineering development

Six months later (in February, 1968) there occurred the first fully (Continued on Page 3)



TEST RESULTS BORNE OUT-First combat use of FAE weapons took place near DaNang, South Vietnam, with the above-noted results. In area at right center of photo, a building was flattened and (in left center area) several underground bunkers were uncovered by the FAE's blast effect that stripped away tree foliage and brush.

Page Two



ON THE BEACH-AI Pena chases Carolyn Hockett in this scene from the highly successful "Fractured Follies-'72," which played to packed houses last weekend at the Burroughs Lecture Center. According to Cheryl Thurm, president of the China Lake P-TA, sponsors of the event, the show earned a net profit of \$1,071 for the Indian Wells Valley Campership Fund. Last summer 54 deserving youngsters were able to attend camp due to assistance made available by the Campership Fund. "We should top that figure this year," said Don Raef, chairman of the fund, "thanks to Fractured Follies."

A Look Into The Past

25 Years Ago . . .

The Commissary Store made the front page by announcing that a higher grade of steaks had been stocked for residents' consumption ... Remember the IWV Stampede? One was planned for April 12 and 13, with profits to go towards a children's camp site in Kennedy Meadows .

15 Years Ago ...

NOTS got a good play, nationwide, as many radio stations, television stations, and movie theaters carried reams of material garnered by more than 200 newsmen who were invited to see the Station by Capt. F. L. Ashworth, then NOTS Commander.

5 Years Ago ...

The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake, California

RAdm. W. J. Moran, USN

NWC Commande

H.G. Wilson

Technical Director

C. E. Van Hagan

Editor

Jack C. Lindsey

Associate Edito

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Editorial Assistant

Staff Photographers

DEADLINES:

Lauritsen. Information published in the

Rocketeer does not necessarily reflect the

official views of the Department of Defense.

3354, 3355, 2347

Yeatts

Phones

News Stories

Photographs

nformation Departmen

A new pilot ejection system, developed by private enterprise, giving pilots a zero-zero capability, was tested at SNORT ... Zerozero capability, roughly translated, meant that the seats, designed by Martin-Baker, extended to zero speed and zero altitude the escape "envelope" available to pilots.

Tax Tip Given **Former Coronans**

A reminder was issued this week for the benefit of former members of the Credit Union at Corona, who are now employed at China Lake.

With income tax reporting time fast approaching, such persons should heed the requirement to include on their 1971 income tax report any net gain paid to them as a result of the final distribution of shares in the NOLC Federal Credit Union at Corona.

Such information should be listed as a capital gain. Persons having questions about this matter are advised to contact either an accountant or the Internal Revenue Service.

Friday, March 10, 1972

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this mn will be accepted from current NWC employees and should be filed with the persons named in the ad. All others sesiring employment with the Naval Veapons Center may contact the Employment Division, Code 652, Extension 069. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date i e has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude use of other means to fill these positions. Part of the ranking process of hose rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor Selection shall made without discrimination for any nonmerit reason.

Clerk-Dictating Machine Transcriber, GS-316-3 or 4, Code 3521-Provides clerical support r two branches, 3521 and 3522, in the Electronics Systems Department. Incumbent types from handwritten or roughdraft copy, tran- 2032. scribes from dictaphone, technical notes. Receives telephone and office callers, com-poses correspondence, receives and distriposes correspondence, receives and distri-butes mail, makes appointments performs other clerical duties. Minimum Qualification Requirements: GSA, how varies of approximate the static and dynamic loads, stress, flutter and Incumbent must be thoroughly familiar with structural programs. He establishs and typewriter is desirable.

Supervisory Personnel Management Specialist, GS-201-13, Code 656—Incumbent is Head, Personnel Service Division 1, Personnel Department. Major duties include the supervision of five to eight personnel management specialists and five personnel clerks in providing complete personnel advice and Experience planning and administering assistance to about 2,300 employees, interpretation of complex laws and regulations assures that personnel actions processed by tractor relations. Minimum Qualification the Division are legally and procedurally Requirements: In accordance with CSC correct, participates in formulation of per sonnel policies for Center and acts as part of management of Personnel Department. Minimum Qualification Requirements: Three years of general personnel experience and three years of specialized experience; or bachelor's degree and three years specialized experience. Job Relevant Criteria: Experience in a generalist personnel program; experience in personnel management in a research and development activity; ability or potential to supervise personnel.

Supervisory Electronics Engineer, GS-855-13, Code 3562-This position is Head, Electronic Projects Branch, Special Projects Division, Electronic Systems Department Duties include technical and administrative supervision of the Branch; monitoring project development efforts; liaison with NWC per sonnel, sponsors and other government facilities; and represents Naval Special Warfare Group Program Office in the Naval Ordnance Systems Command and Naval Ships System Command. Minimum Qualification Requirements: As defined in CSC Handbook X118. Job Relevant Criteria: Five years experience in design and development of electronic equipment as related to radio com-

nunications, intrusion sensors, high explosiv ordnance devices; experience in design of unconventional ordnance firing systems and underwater communications systems; must handle and use high explosives; must be able to supervise personnel.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 206, Ext. 2577. Payroll Clerk, GS-544-2, 3, 4, or 5, Code 1764

(2 vacancies)-Does routine research avroll records to correct leave data; pre pares changes to employees earnings, deduct ions and leave factors; prepares reports of leave availability, leave transfers, and earn ings statements. Minimum Qualification Requirements: GS-2, six months of genera experience or graduation from high school GS-3, one year of general experience; or academic year of business or secretaria school, junior college, or college which is in addition to graduation from high school; GS-4, 1 year general and 1 year specialized; GS-5, 1 year general and 2 years specialized. File applications for above with Mary

Morrison, (Code 657), Bldg. 34, Rm. 210, Ph. Mechanical or Aerospace Engineer, GS-830

or 861-12, PD No. 7240032, Code 4062-Incu Requirements: GS-4, two years of appropriate divergence. The incumbent works closely with clerical experience. Job Relevant Criteria; project personnel in planning and establishing on Center secretarial procedures. A maintains liaison with production contractor knowledge of the use of the IBM Mag Card personnel and has particular responsibility for programs in aeroelasticity, flutter divergence Job Relevant Criteria: B.S. degree in aerospace or mechanical engineering with emphasis on structural analysis. Work experience in structural analysis, including aeroelasticity, stress analysis, loads, analysis, structural dynamics, and structural testing. structural programs, including cost estimates, scheduling, proposal preparation and co Handbook X-118.

> File applications for above with June Chipp Bidg. 34, Rm. 206, Ph. 2076.

Mechanical Engineer, GS-830-9 or 11, PD No. 7255025, Code 5566-Incumbent is assigned the more complex problems involved in the design of service issue containers for all ordnance developed at NWC. Duties include experimental applications of new materials to weapon containers, preparation of Nomographs and o similar materials, and liaison and technical consultation with contractors, engineers and scientist. Minmum Qualifications: Outlined in CSC Handbook X-118. Job Relevant Criteria: BS degree in mechanical engineering, and experience in mechanical engineering design, stress analysis and preparation of documentation is required. Experience in working with contractors and with other government activities is desirable.

Mechanical Engineering Technician, GS-802-5 or 6, PD No. 7255026, Code 5545-Trainee to become gyro specialist in various phases of gyro assembly. Work will be done in clean room environment. Training will consist of learning analytical and physical processes essential to the assembly, inspection and testing of precision gyros. Minimum Qualifications: Outlined in CSC Handbook X-118. Advancement Potential: GS-7 upon demonstration of ability to perform all duties of position independently

Laborer (Heavy), WG-35002-3, JD No. 155-1, Code 5545-Performs manual labor involving heavy exertion and some skill, training and experience, with an accompanying familiarity with craft terminology and equipment. Must be able to use all simple hand tools as assigned. Qualification Requirements: Rating will be on basis of the appropriate J-Element Standard in accordance with CSC Handbook X

File applications for above with Joan MacIntosh, Code 657, Ph. 2371.

Property Disposal Assistant, GS-1104-9, PD No. 625012, Code 2597-This position is located in the Supply Department, Material Division, Disposal Branch, Naval Weapons Center. cumbent makes receipts for property, supervises segregation of materials, prepares commerical descriptions of sales items, lots or ups sales items. Recommends appropriate method of sale and directs display of items. Is responsible for the operation of two scrap yards. Minimum Qualification Requirements Three years of general supply experience plus two years specialized experience which must have included responsibility for the examination, classification, segregation, redistribution and utilization, sale, donation, abandonment or other disposal of excess or surplus and obsolete property or of salvageable and waste materials. Job Relevant Criteria: Must have working knowledge of the Navy Supply System with particular emphasis toward the disposal program.

File applications for above with Claire Lewis, Bldg. 34, Room 204, Ph. 3118. Stenographers-Typists-Clerks-The U.S.

Civil Service Commission has recently issued an examination announcement for stenographer, typist and clerk. The list of eligibles stablished under this announcement will replace the list established under Announceement No. FL 004. If you previously had eligibility under Announcement No. FL-004 and are still interested in employment, you should reapply under the new announcement by submitting an application form SF-171 and a copy of your Notice of Rating.

Your eligibility under this announcement will be good for six months. If, at the end of this

(Continued on Page 7)

WELCOME DONATION-A check in the amount of \$50 was presented recently by Mrs. Robert Stratton, service chairman for Alpha Alpha Psi Chapter of Beta Sigma Phi Sorority, to Sam Wyatt (at left), captain, and Larry Thompson, a member, of the Indian Wells Valley Ground Search and Rescue Team. The money, a portion of the proceeds from the sorority booth at the WACOM Christmas Bazaar, will be used to help pay for repairing several sets of McCaa self-contained breathing apparatus that have been obtained for use in mines when there is a danger of contaminated air. This special equipment was picked up by the Indian Wells Valley Civil Defense Council, Inc., after being declared surplus by the Atomic Energy Commission in Nevada.

DIVINE SERVICES PROTESTANT Sunday Worship Service unday School All Ages 0830

Sunday Evening Bible Study 1130 Wednesday Bible Study Wednesday Teenage Bible Study 0645 ounday School Classes are held in the Chape Annexes 1, 2 & 4 (Dorms 5, 6, 8) located pposite the Center Restaurant Communion - first Sunday of the month

Saturday 0700 0830 1115 Sunday

MASS Daily except Saturday

First Friday ONLY First Saturday ONLY

Saturday Sunday CCD CLASSES

> 6th grades 7th and 8th grades

Note: The Chapel Nursery is located in Chapel Annex 1, Room 4, across from the Center Tuesday, 4:30 p.m. Restaurant, and is open without charge for Tuesday, 11:30 a.m. children of parents attending Catholic Mass or The Rocketeer receives American Forces Protestant Worship Services. Press Service material All are official U.S. JEWISH SERVICES Navy photos unless otherwise identified. FAST WING ALL FAITH CHAPEL Printed weekly with appropriated funds by a

	HILD MELL MITHCH	MILL	
Friday 1st	and 3rd ONLY		
	Sabbath Services		2000
Saturday	Sabbath School	1000 to	1200
	UNITARIANS		
	CHAPEL ANNEX 95		
Sunday	Services		1930

ROMAN CATHOLIC 1700 fulfills Sunday obligation BLESSED SACRAMENT CHAPEL 1130 1130 1700 0830 CONFESSIONS 1545 to 1645 0800 to 0825

Kindergarten through

commercial firm in compliance with NavExos P 35. revised July 1958. Office at Nimitz and

Sunday PHI D. C. Manderscheid, PH2 E. R. Ortiz, PH3 Wednesday G. L. Taylor, PH3 R. G. Mills, PH3 D. W. As announced 9th through 12th grades

Friday, March 10, 1972

ROCKETEER

Page Seven

Employee In the Spotlight

Monroe B. "Mel" Sorge intended to be a career Navy man, but like the great warrior, Achilles, that ambition was brought to an end when he severed the Achilles tendon in his right leg while playing basketball at China Lake early in his career.

He was born in Michigan City, Ind., and following graduation from Isaac C. Elston High School, attended DePauw College, in Greencastle, Ind., for two years. He enlisted in the U.S. Navy in 1944 and after his boot camp

training was sent to Purdue University, in West Lafayette, Ind., where he majored in Naval Science. Mel received a BS degree in 1947 and served for a while as a line officer in communications and gunnery.

Then, in 1949, he transferrred to the Supply Corps. After serving a tour of duty in Korea, he was sent to China Lake. "I'd never heard of the place," he mused, "and I wasn't too fond of it when I got here," he added. "But that's all changed. I guess you could say I've found a home."

Then came the basketball game, and the end of Mel's Naval career. "Because of my injury I couldn't pass the physical to transfer over into the Regular Navy," he Navy Wives recalled.

So in 1953, Mel Sorge began a different kind of Naval career. He went to work in the Accounting Division of the Supply and Fiscal Department as a supervisory countant.

in 1957 he transferred to the until 1963, when he joined the National Aeronautics and Space Roger) Administration (NASA) in Houston, Tex.

ment with NASA," Mel said. "The priced at \$2 per person. job was interesting enough and I Programs and Budget Division." follow In 1968, he was chosen to head up Central Staff, the position he still

"It's not the easiest job in the world," he said, "but it certainly is one of the most challenging," he

holds

added.

The job takes up most of his time, but he manages to participate in sports from time to time. He plays softball in the slopitch league and once hit five home n one game. He bowls in the Midway League for the Budgeteers and carries "about a 15 handicap" on the links.

The Sorge family owns a cabin in the Mammoth Lakes area, and that's where Mel indulges in his favorite pastime. "I really like fly fishing," he said. "I generally fish around Hot Creek and I've often caught my limit there," he commented.

Mel's wife, Doris, whom he met nile stationed at the Mechanicsburg (Pa.) Supply Depot, got Mel interested in playing golf. "I've always leaned toward team sports," he said. "Golf, and later on, fly fishing, are the only two individual-type sports that I like," he commented.

The couple have six children, Dennis, Robert, Michael, Kristine, Karen and Marta. They have all



M. B. "Mel" Sorge

graduated from Burroughs High School and are currently involved in seeking higher educations.

Mel keeps busy with extracurricular, job-oriented activities, such as the NWC Board of Directors and he is a member of the Shore Facilities Planning Board. He also sits in on many planning sessions at the Center. "Sometimes it gets pretty hectic," he says, "but it's rewarding work, and I'm making a contribution, which is really what it's all about," he concluded.

Club To Install New Officers

The Navy Wives Club of America, Desert Flower Chapter No. 125, will hold its installation of Budget Division of Staff as a officers during a dinner-dance on groups and assist employees as a working budget analyst where he worked Saturday, March 25, at the supervisor. Minimum Qualification Require-Enlisted Men's Club (the Jolly

Reservations for the affair should be made no later than "I worked in resource manage- Monday, March 20. Tickets are

A social hour will be held enjoyed it, but my family missed beginning at 6 p.m. The installation China Lake," he explained, "so I will then take place from 6:30 to returned here in 1964 as head of the 7:30 and the dinner and dance will

Persons desiring reservations are asked to call Loni Boyd, at 446-4479, Georgia Parks, 375-9404, or Jane Holtmann, at 375-7322.



FORMAL "DINING OUT" AFFAIR HELD-The Commissioned Officers' Mess was the setting last Saturday night for a "dining out" affair that was arranged for the officers of the Naval Air Facility, their wives and other invited guests. Guest of honor for the occasion was Burke West (fourth from left), president of the Indian Wells Valley Council of the Navy League. Also shown at the head table are (at left) Capt. G. W. Jauchler, NWC Medical Officer, and (at right) Capt. R. E. McCall, Commanding Officer of NAF. Some 70 persons attended the dinner, which was followed by dancing to the music of the COMNAVAIRPAC Band from San Diego. -Photo By PH1 D. C. Manderscheid

PROMOTIONAL **OPPORTUNITIES**

(Continued from page 2)

period, you wish to have your name remain on the list of eligibiles for an additional six months, you must submit updated information about your experience. A letter or Form 171-A maybe used for this purpose.

Forward all correspondence to the Los Angeles Area Office, U.S. Civil Service Kirtland AFB, New Mexico, 87115 not later Commission, 851 S. Broadway, Los Angeles, Calif. 90014.

Stockman, WG 69007-06 (3 Vacancies) JD Photo Exhibit No. 32, Code 2591—Performs and is responsible for all work operations of an assigned storage area relative to the physical receipt, storage or To Be Staged issuance of supplies. Receives, stores, counts or assembles supplies of all types utilizing established procedures. May direct small ments: Rating will be on the basis of existing J element standards in accordance with CSC X118c. Applicants must submit a suppleme experience statement. Forms can be picked up in Room 204, Personnel Department.

File applications for above with Claire Lewis, Bldg. 34, Room 204, Phone 3118. Electronic Engineer, GS-855-12 (2 positions) The Test Directorate, Field Command, Defense Nuclear Agnecy, a tenant on Kirtland AFB, New Mexico, has extended the area of consideration for merit promotion for the above 2 positions. In addition to X-118 standards the following factors are required: Experience which has equipped individual with the knowledge and ability to perform fully the work of the position. This experience mu have included design and analysis of electronic circuits, transducers, and instrumentation systems; the design or use of medium-band and wide band analog tape recorders; the

design and analysis of recording in strumentation to measure single-event, fast rise-time data; and the application of multiplex and microwave data transmission systems

All interested applicants should submit a SF-171 and appraisal of current performance. through their CPO to AFSWC (CCPO-EP), than March 13

By Local Club

The second annual Photo Fair. sponsored by the China Lake Photographic Society, will be held March 25 and 26 at the China Lake Community Center.

The show is intended as an opportunity for local residents to display salon prints to the public and is not restricted to work by members of the Society.

'We are soliciting prints from all interested Valley residents, whether or not they are members of the Society," said Joe Haberman, chairman of the print display committee

No judging of photographs or slides for prizes will take place.

The deadline date for entries is March 17. Interested resident should contact one of the following Society members to obtain a speentries: Haberman, 446-4965; tember, following arrangements William Fettkether, 446-4192, or that were worked out between ments may be made to have the Foundation. entries picked up before the Detailed for one year to NSF, deadline.

Volleyball...

(Continued from Page 6)

Angeles AFS, and then go against Barstow and Edwards to wind up the first day's matches.

On Sunday the locals will be pitted against Nellis AFB, 29 Palms and Norton AFB.

Jerry Kissick and Roy Miller will co-captain the team. Other members are Jack Andrew, Dick China Lake chapter of the Sullivan, Duane Fojt, and Art Duke.

Tim Higgins and Don Sichley also are planning to journey to 29 Palms with the team as possible substitutes.



Harold F. Metcalf

Metcalf To **Return For** Visit to NWC

Harold F. Metcalf, former associate head of the Weapons Development Department who left the Naval Weapons Center in 1969, will be here for a brief visit on Monday and Tuesday.

Metcalf, who joined the Peace Corps (now ACTION) as director of training for the overseas and domestic professional staff when he left China Lake, resumed his cial form that must accompany affiliation with NWC last Sep-Ken Ogilvie, 446-6027. Arrange- NWC and the National Science

> Metcalf's current post calls for him to serve in a liaison capacity for the purpose of linking the technology of NWC and other Department of Defense and federal laboratories to the needs of civil agencies, as well as state and local governments.

> Metcalf, who is now serving in NSF's Office of Intergovernmental Science Programs, will have the opportunity to discuss his work during a luncheon meeting of the American Society for Public Administration.

> The ASPA meeting is slated at 11:30 a.m. Monday in the Mojave Room of the Commissioned Officers' Mess.



RECEIVE QUALITY STEP INCREASES-Three employees of the NWC Supply Department recently received Quality Step Increases, presented by Capt. E. M. Wieseke, (2nd from left), NWC Director of Supply. The recipients are (I-r), Mary L. Muro, a procurement clerk in the Procurement Division; Kathleen M. Baldasare, a clerk-typist in the Purchase Branch, and Hedi "Peggy" Irby, a purchasing agent, also from the Purchase Branch of the Procurement Division.

Page Six

Sudden Death Decides Winner In 4-Ball Tilt

Eighty-eight swingers, belters, sandbaggers and duffers took to the links last Saturday as the China Lake Golf Club held its annual Four-Ball tournament under a bright sun, favored by warm, balmy weather.

The team of Bob Young, Jesse Carman, Percival Wiggins and Dick Page finished early with a net score of 127, only to be tied in the late hours by the foursome of Merrill Lloyd, Larry Gire, Milo Pooley and Curt Bryan.

A sudden-death playoff was called for and the eight men returned to the first tee. Young's team was victorious on the 19th hole and runner-up honors were taken by Lloyd's squad.

Curtis Overstreet, tournament chairman and vice-president of the Golf Club, was highly elated at the large turnout, which now is beginning to be old hat. So far, the club has topped previous figures for the first three tournaments of the season.

Next on the agenda will be the Commander's Cup tournament, slated for April 22-23.

Little League **Major Division Tryouts Slated**

The China Lake Little League will hold tryouts for major division baseball teams all next week. beginning tomorrow, at Diamond No. 4, located directly across the street from Hall Memorial Lanes.

Tomorrow's tryouts, the second for the 1972 season, will begin at 9 a.m.

Also on Monday, Tuesday and Wednesday, specialized tryouts will be held from 5 to 7 p.m., as follows: Monday, 10 year olds; Tuesday, 11 year olds; and Wednesday, 12 year olds.

Coaches and managers will take a look at the batting skill of the players at these specialized tryouts.

Boys who the managers want to see again will be summoned to participate later in invitational callbacks.

On Thursday and Friday, March 16 and 17, invitational callbacks will be held from 5 to 7 p.m.

Volleyballers Enter MDISL Tournament

The China Lake volleyball team is "... as good as can be expected under the circumstances," said Roy Miller, team co-captain. The circumstances include only limited practice as a unit during the two weeks the team has been working out.

The eight-man team will head into some rough opposition this weekend when it takes part in the Mojave Desert Inter-Service League tournament at 29 Palms.

"We're really expecting stiff competition from other teams in the meet, particularly from Nellis AFB, the defending champions," Miller said. "Norton AFB and Edwards AFB also will be top contenders," he added.

China Lake has drawn George AFB in the opening round of play tomorrow. Following that match, the locals will tangle with Los (Continued on Page 7)



William State Store

PEE WEE WINNERS-The "Bulldogs," winners of the NWC Youth Center's Pee Wee basketball program, pose with their trophies, coaches and cheerleaders. The cheerleaders are (front row, I-r) Susan Poppen, Sandy Shearer and Pamela Poppen. Shown with their trophies are (second row, I-r) Christian Wagner, Zach Mead, Dana Wagner, Mike Pruitt, Joe Lalor and Bobby Weeks, and (third row, I-r) Tommy Shearer, David Paradise, Glen Covert, Mike Wirtz, Jimmy Weeks and Mike Mitchell. The coaches (in back) are Ron Covert, at left, and Dave Wirtz. Michelle Oliver, another cheerleader, stands in the center, between the two coaches.

Cerro Coso Drives Toward Hoop Title With 67-49 Win Over Loewen's Lions Now it's all up to NAF! Last undisputed possession of first March 14, and again at 7:30 p.m. on

night in the China Lake Intramural place. Basketball League, Ace TV If NAF can manage to win two Problems like this do not exist in Coso cage team a clear shot at the in a tie for the league crown.

Cerro Coso whipped Loewen's 67- remaining, will go against the NAF between the Saints and Continental 49 earlier this week to move into Hawks twice-at 7:30 p.m. on

ONE SPIKE COMING UP-Dick Sullivan (left) goes high in

preparation to spike the ball over the net, while on the other side Art

Duke leaps in an attempt to defend against the shot. Co-captain Roy

Miller (No. 5) watches the action. The volleyball team will represent

NWC in the MDISL tournament tomorrow and Sunday at 29 Palms.

March 16.

knocked over second place games from the college cagers, Division B of the league, however. Loewen's, 79-57, to give the Cerro then Loewen's and CC will wind up The Honeywell Honkers, with an 8 and 1 record, have the title sewed Cerro Coso, with two games up. It is possible, though, that a tie Telephone might occur, causing a playoff between these two teams for second place.

Cerro Coso got hot in the stretch TV and has emerged as the number one team in the league so far. Last week the college cagers knocked over a hapless Bud Eyre quintet, 106-42, in its drive for the trophy

In a game full of stalls and low scoring, Cerro Coso nailed the lid on Loewen's with a convincing 67-49 win earlier this week. In both of the collegians' games, Ted Lane emerged as the sparkplug, scoring 18 points against Bud Eyre and 21 points through the hoop against the Lions

rough time of it. Against most of and 649 two weeks ago and a 613 the other teams in the league, the series last Friday. He is averaging campus cagers generally control 195 in this league, some six or the boards. But this is not the case seven pins under his Monday night with NAF, which is pretty strong average. off the boards itself.

NAF turned in a pair of victories this past week, crushing the series, but Jeanne Crom's 246 took Wallbangers 75-66 behind Ron high game honors for the league. Black's 19 tallies, and soundly thrashing the Bud Eyre quintet 100-45. Again Black was one of the leading scorers for NAF, hitting a Tomaras, Dean(o) Ray scoring 22-point total equalled by team- with a 222 and Jack Herbstreit mate Lee Bess.

Entries Due Soon For Volleyball

season will begin on April 4. Ray and Maggie Branson scored a 225 Gier, Special Services' recreation enroute to a 532 series. Willie director, has asked that team Johnson blasted a 212 and a 522. rosters, not to exceed 12 persons including a coach and managers, be submitted to his office no later than 4:30 p.m., March 28,

Entry is open to both military and civilian employees of the Naval Weapons Center.

nwc rocketeer SPORTS

AT A PARAME CONTRACT

Friday, March 10, 1972



By Jack Lindsey

Bowling in the Premier League, Ken Dalpiaz shot a warm-up series in preparation for the city tournament, which begins this weekend at Ridgecrest Lanes with the singles and doubles events. Ken bombed the pins for a 680 series, including games of 205, 268 and 207.

Bowlers are reminded that tournament entries for the team events, which will take place on Saturday and Sunday, March 18 and 19, must be filed no later than today

Getting back to the Premier League, eight other bowlers hit the 600-figure as the league averaged 181-plus per man-one of its best scoring nights in recent memory.

Mark Barkemeyer rolled a 621, Warren Schad hit 617, including a 242 game, Jim Bowen racked up 610 pins, AC Winslow ran a 244 game into a 608 series, Thad Brightwell managed to roll his average, scoring a 607, Earle Roby garnered a 607, Craig Rae finished with 606 on the strength of a 249 biggie, and Doug Fisher completed the list with a 604.

Loewen's won three games from Pollock Construction to stay in first place, while Ridgecrest Lanes, Columbia 300, Midway, and NAF drive following its lone loss to Ace- each won two games from their opponents

Midway Scores

Roy Johanboeke racked up a 249 game last week, and Jack Wilbur led this week with a 243 game. Floyd Maxwell scored a 222 and Craig Rae managed a 221. These were all the scores that secretary Dick Tolkmitt wanted to talk ab-

Friday Mixed 4-Some

Jeanne Crom covered two weeks in her report. The Valley's premier bowler, Thad Brightwell, led the The NAF Hawks could give CC a scoring both weeks, hitting a 268

Brightwell's wife, Pat, led the women last week with a 219, 583

Other fine scores over the two week period include Ray Freascher's 257-644, a 234 by Bill socking out a 617.

Two weeks ago Pat Brightwell scored a 547, shaded by Patty Maxwell's 548. Dora Childers The 1971 intramural volleyball ripped off a 229 and a 535 last week

Little Giants

Little Marvin Titus has had a good two weeks. First he rolled a 303 total, including a 163 game, and last week had a 301 set.

month.

duction.

The weapons were shipped by air to Vietnam in November, 1970, and were accompanied by an introductory team consisting of Jim Bowen, the CBU-55 program manager; Mike Aley, the project from NWC, and Marine Lt. Col. Bob Oliver, a representative from the Office of the Secretary of Defense. This team assisted in all aspects of the initial introduction. The FAE was enthusiastically received by its users, who found its accuracy to be much better than had been expected-even when used in marginal weather conditions that made sighting the targets difficult.



ROCKETEER

and all some shares

Friday, March 10, 1972

ROCKETEER

Bluejacket...

14 . 3245 H

Fuel-Air Explosive...

(Continued from Page 1) prototype weapon flight test. That particular prototype was designed Center.

The next step was the competitive selection of a prime con- opment Department. tractor (Honeywell, Inc.) and the awarding of a development contract in January, 1968. Three weapon design and test iterations. consisting of 280 weapons, were then accomplished leading to the contract which called for development of the hard tooling required for high quantity pro-

A test program, conducted in Louisiana to simulate the Southeast Asia environmental connesses in the weapon that were then identified, and corrections were made to the pilot production model so that in November, 1969. the program was on schedule with plans calling for the first operational introduction of pilot model FAE weapons the following

At that time, however, the Secretary of Defense directed that a special test series be conducted in the jungles of Panama to determine the utility of the weapon in such an environment. As a result, the operational introduction of pilot production model weapons was postponed and the Panama tests were held in January, 1970. Results of that particular series of tests produced continued enthusiasm for the use of the CBU-55 in Vietnam, but also led to the issuance of a directive to incorporate a self-destruct device into the weapon prior to its operational use in order to deny utilization of any duds by the enemy. The selfdestruct device was successfully developed and is now an integral part of the bomb fuze developed by the Naval Ordnance Laboratories at White Oak, Maryland.

In October, 1969, the first production contract for the FAE had been awarded, and a year later the scheduled for operational intro-

In addition to Cecil Glass, a staff engineer with the FAE program since its beginning in 1960, other key personnel involved during the early research and exploratory development phase prior to weapon development were Dr. C. Douglas Lind, and Dr. Harold Gryting, Jack Sherman and Walt

CARE USE EASTER SEALS

LaDassor, all of the Explosives functioning, completely successful Division, led by Norm Rumpp. In addition, two of the men who had the foresight to realize the and manufactured completely in- potential for FAE weaponry were house at the Naval Weapons Frank Fulton, former head of Code 45, and Dr. G. W. Leonard, current head of the Propulsion Devel-

The weapon development responsibility since 1966 has been accomplished by the Weapons Systems Branch, headed by James A. Bowen, Key personnel on the CBU-55 project were Mike Aley, award of a pilot production the project engineer; Cecil Glass, warhead engineer; Larry Josephson, project analyst; Bryant Ferguson, Charles Martin and Al Lopez, engineers, Bill Bessee, test engineer, and Tom Short, technician

The production support responditions, turned up design weak- sibility for the CBU-55 project has recently been transferred to the Engineering Department, which has actively supported the development from its inception.

> (Continued from Page 1) was made after hearing a report from District Superintendent

The latter informed board pearances, there will be no vote in June on the countywide unification of schools in Kern County. The effect locally of unification would District and China Lake elementary schools with Burroughs students in grades kindergarten through 12.

At the present time, Kern County is the only county in the State of California that has not held a school unification election. In most

call an election on school awarded in June. unification, Dr. Smith advised in the legislative field.

Louisiana demonstrated the effectiveness of this weapon on underground positions. In addition to clearing away moderate level undergrowth, the blast from the FAE (arrow indicates the place it hit) collapsed a nearby bunker and damaged a second one that is visible in the background.

School Unionization Vote Looms...

result in joining together China departure of Dr. Smith.

construction of a special education complex on the Richmond School campus.

areas throughout the state, unified officials that was held here on Feb. eration by the district's board of school districts are already in 29, and another such meeting is trustees. scheduled here next Tuesday and It's too late for the State Board of in San Francisco on March 28 in an Blue Cross Man Education to act through ad- effort to move this project along so ministrative channels in order to that the construction bid can be

At a special school board trustees of the China Lake district, meeting held Monday morning, a at the Community Center next production model FAE was and he expressed doubt that there decision was made on the comwould be any action on this matter position of a five-member com- Any Naval Weapons Center emmittee whose function it will be to Armed with this information, screen candidates who have ap-

Elementary School District felt it tendent of the China Lake best to go ahead with plans to hold Elementary School District, which an election in June that could will be vacated in June by the

elementary schools under one mittee will be composed of one member each from the school

The job of the committee will be to screen out the bulk of the more than 70 applicants for the position Preliminary plans for this of school superintendent, narfacility were studied at a meeting rowing the list down to a group of of federal, state and local school the top 10 or 12 for final consid-

To Visit Center

Gordon Ellis, the Blue Cross-Blue Shield representative, will be Tuesday from 10 a.m. until 2 p.m. ployee who is at the Community Center by 2 p.m. will be assisted.



and a Golden Retriever, which he hopes to train for hunting. "I've got a lot of them now," he laughed. "The Golden Retriever recently gave birth to six pups, but they're all black and don't look anything ike their mother," he moaned. BUNKER DEMOLISHED-A test drop of an FAE in

Red Cross To Conduct Class In First Aid

The opening session of an advanced first aid course, offered by the American Red Cross, will be held next Wednesday, March 15, from 7 to 9 p.m. in the Safety Department building, corner of Nimitz and Hussey.

Subsequent class meetings, nine in all, will be held at the same time and place on Monday evenings.

Possession of a currently valid standard first aid card is a prerequisite for enrollment in this class, which is open to all interested persons 15 years of age and over or those in the tenth grade and above in school.

Registration for the course is being handled by the instructors, Jim Nichols (phone 446-2042) and Fred Camphausen (phone 446-5643), who also can be contacted for additional information.

1972 Wildflower **Show Cancelled**

The annual WACOM-sponsored Wildflower Show, which had been scheduled this year on the weekend of April 28- 29, has been cancelled, it was announced Wednesday.

Because of the lack of rainfall, wildflowers will be few and far between in the local desert area. For the sake of ecology, it was therefor felt best by those in charge of plans for the annual event to permit the few wild flowers that will be available to go to seed and perhaps multiply and produce a better crop of blooms next year.

Longevity Pay

Raises Now Due

Longevity pay raises held up during the wage-price freeze last fall will be paid retroactively.

That decision, announced March 2, affects Naval personnel who would normally have received longevity increases in basic, special, and incentive pay between Sept. 1 and Nov. 13, 1971, but who did not get those raises because of the freeze.

The decision is based on a recent ruling by the U.S. Controller General that allowed civilian federal employees whose longevity increases were caught in the freeze to get back pay.



Aerodynamics Panel was held last week at Michelson Laboratory. Purpose of the get-together, which was arranged by Leroy Krzycki (front row, at right), the panel chairman who is an NWC employee in the AGILE Technical Project Branch of the Weapons Development Department, was to review and offer advice to NWC personnel on the aerodynamics program of the AGILE missile. The visitors were (front row, I-r) John Talbot, from the Naval Ship Research Development Center in Washington, D.C.; Peter Daniels, from the Naval Weapons Laboratory at Dahlgren, Va.; William Volz, of the Naval Air Systems Command in Washington; and Charles Ingram, of Notre Dame University. In the back row (I-r) are: Dr. Percy Miller, of Louisiana State University; Dr. Robert Nunn, from the Naval Postgraduate School (NPG) at Monterey; Dr. Anatole Roshko, of CalTech; Prof. Tom Houilhan, also of NPG; Dr. Leland Jorgenson, of NASA's Ames Research Center, Moffett Field, Calif.; Mike Briggs, of McDonnell-Douglas, and Dr. Leon Schindel, from the Naval Ordnance Laboratory, White Oak, Md.

trustees of the China Lake plied for the position of superinmembers that, from all ap- Lake and Indian Wells Valley It was decided that the comadministrative control.

In another report presented at district's board of trustees and the Monday night's school board Kern County Office of Education. be to combine the IWV, Rand meeting, trustees heard from and the remaining three com-Grant Pinney, assistant super- mittee members will be school intendent in charge of business, administrators from various parts High in one school district for all regarding progress on plans for the of Kern County.

Page Four



RE-ELECTED TO TWO YEAR TERMS-The four men pictured above were re-elected to serve two year terms of office at the annual Credit Union meeting Thursday, March 2. They are (I-r) Warren G. Stelzmiller, treasurer of the board of directors; William A. Arriola, chairman of the credit committee; William R. Hitt, vice-president of the board of directors, and George G. Silberberg, member of the -Photo by PH3 D. W. Yeatts credit committee.

Annual Meeting Held By NWC Federal Credit Union

The 1972 annual meeting of the Naval Weapons Center Federal Credit Union was held last Thursday evening, March 2, in the Community Center, with Bruce board of directors, presiding.

Highlight of the evening was an election of three members to the board, and three members to the Credit Union's credit committee.

Also on the agenda for the evening were reports from the different committee chairmen, plus a report to the membership by president Wertenberger.

William R. Hitt, Warren G. Stelzmiller and Capt. Edward M. Wieseke, all incumbents, were reelected to two-year terms on the board of directors, while William A. Arriola, Alexander J. Kowalsky and George G. Silberberg, also incumbents, were re-elected to committee.

that the Credit Union is in a very isfactory. In addition, Greve pointhealthy condition and growing at a ed out, two other audits by a Rock Band To much greater rate than last year. CPA firm were completed under During 1971, he said, the Credit the direction of the Supervisory Union experienced an increase in Committee, also with satisfactory assets of 45 per cent, and an in- results. crease in membership of over 17 Other reports were presented by The "Golden State Music Symphony, Los Angeles Phil-

During his report, Wertenberger pointed out the major factors which contributed to the inoccurred during 1971.

He concluded his message by general membership. saying, "The continued growth Credit Union "

In other business, a tribute was with \$25 in share deposits.

paid to Henry H. Wair, president of the Credit Union from 1956 through 1970, and currently a member of the board of directors, in a memorandum from Rear Adm. W. new head of TID's Publishing adults, and \$1.50 for students, was read by Wertenberger.

involvement," the NWC Com- essay contest. noticed."

Warren J. Stelzmiller, treasurer, military, reported to those in attendance, as Christman has had a wide presented more than 490 perdid William A. Arriola, chairman of the Credit Committee.

\$11,216,126.58.

He stated local financial institution is sat-

mittee, and A. E. "Gene" Boehme, from 9 until 1:30 a.m. Credit Union manager.

depends upon the full participation A Sony portable television set was Kumferman said. of the members and every member given to Elmo E. Slaton, a Sylvania Bob Furey, EM Club manager, role of Rosina. Miss Craver native Belgium, while Allan's topic is encouraged to make the max- tape recorder was taken home by issued an invitation to all club recently won acclaim for her Mimi is the country of Iran, which he imum use of the facilities of the Mrs. Lillian Adamson, and Mrs. members and their guests to at- in "La Boheme," and is considered visited last summer while that Barbara Hartman was presented tend and welcome back the popular by the Ford theater group as one of country was celebrating the 2500th

ROCKETEER

Publishing Div. **Of TID Headed By Al Christman**

It's been a pretty good year so far-at least that's how he feels about it-Albert B. Christman acknowledged after the word was circulated this past week that he has been appointed head of the Publishing Division in the Technical Information Department.

Christman moves into the position left vacant when C. E. Van Hagan became the department head.

Christman's promotion from duties as the senior presentations specialist in TID's Presentations Division came only shortly after the publication of Vol. 1 of his book. "Sailors, Scientists and Rockets," which deals with the history of the Naval Weapons Center.

In addition, Christman will now be headed for New York in order to be on hand next Tuesday evening for the Robert H. Goddard memorial dinner. At that time, the,



Albert B. Christman

Wertenberger, president of the J. Moran, NWC Commander, that Division will receive a trophy and a servicemen and their families. \$500 award for winning the Dr. John Arnold Ford's Comic Opera "Too often in these days of non- Robert H. Goddard historical Theatre is an outgrowth of the

> munity-oriented and dedicated man said, covers the relationships condensed versions of comic persons such as yourself go un- of Dr. Goddard (this nation's operas for schools throughout pioneer rocket physicist) with the Southern California for the past 19

variety of experience in the writing formances to well over 500,000 and editing fields since coming to school students. Arriola stated that in 1971 his China Lake in 1951 to work as an During this local engagement, committee processed 5,734 loan editor in the Test Department. the Comic Opera Theatre cast will applications for amounts totalling During the intervening years he perform the "Barber of Seville." has held the following positions: The performers will be headed by J. E. Greve, chairman of the Senior technical editor-writer for Ken Remo, in the role of Count Supervisory Committee, reported the Propellants and Explosives Almaviva, one of the Ford comthat the annual audit of the Department; head of the Devel- pany's finest leading tenors. In serve two-year terms on the credit National Credit Union Adminis-opment Branch in TID's Present- 1964, Remo won the San Francisco tration in 1971 indicated that the ations Division; head of the Pres- Opera auditions and has appeared Wertenberger's report was the operation and management of the entations Division, and Senior in leading tenor roles with the

Play for Dance At Jolly Roger

per cent. Assets totalled \$15,895,- Mrs. Evelyn J. See, chairman of Company," led by Don Kum- harmonic Orchestra, Hollywood exchange students as guest 304.89 at the end of 1971, and mem- the Executive Committee; Wair, ferman, will play for a dance at the Bowl Symphony Orchestra and the bership reached a high of 9,175. chairman of the Education Com- Jolly Roger (EM Club) tonight, Pasadena Symphony.

The budget for 1972, with not been at the Jolly Roger since fine, young artist who is well on his of China Lake, will present a film stitution's growth and listed some proposed income exceeding \$1.5 last fall. The group has been way to making a name for himself slide show to the WACOM memsignificant developments that million and expenses of nearly playing at clubs throughout as a singing-actor. He is equally at bers. The luncheon, preceded by a \$475,000, was approved by the Southern California for the past six home in opera, light opera, or social hour, will begin at 12:30 p.m. months, but is "... very happy to musical comedy. Three door prizes were awarded. be back at the Jolly Roger," Robin Craver, a leading soprano Turkey and young Melen will

group.

Friday, March 10, 1972



KEN REMO, leading tenor with the Ford "Comic Opera Theater, will be seen in the role of Count Almaviva, in "Barber of Seville," the final offering of the China Lake Civic Concert Association this season. The condensed version of the comedy opera will be performed next Thursday, March 16, at 8 p.m. in the Center Theatre.

Concert Season To Close With 'Barber of Seville'

The final offering of the China Lake Civic Concert Association for the 1971-72 season will be the "Comic Opera Theatre" next Thursday, March 16, at 8 p.m. in the Center Theater.

Single admission tickets will be on sale at the door, priced at \$5 for

Educational Opera Association, mander wrote, "the efforts of com- His prize-winning paper, Christ- Inc., which has been presenting years. To date, the group has

Presentations Specialist in TID. Houston Opera Company. In ad- To Speak At dition, he has handled many roles with opera companies in San Diego, Honolulu, Montreal, Chicago, Vancouver and Portland.

Remo has also performed as a guest artist with the Chicago

with the group, will perform the discuss and show pictures of his its brightest new talents.

Supporting members of the cast include Charles Gonzales, as Doctor Bartolo, Michael Gallup in the role of Don Basilio, and Rick Davis, as the police officer.

The Comic Opera Theatre also stresses the need for the individual singer to become completely involved with the role he or she is playing. John Arnold Ford, founder of the performing group, stated that often too much emphasis is put on the glorious tone of the singer by other opera companies, with little or no emphasis placed on the histrionic ability of the singer to impart a true character to the audience. This is not the case with his performers, Ford says.

Each singer must, with the utmost of artistic integrity, portray his character in a manner which makes this character one of definition and logic.

Without these things, Ford said, all opera might as well be sung in concert form.

AFS Students WACOM Lunch

The Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will present three American Field Service foreign speakers at a luncheon to be held Tuesday in the COM.

The role of Figaro, the barber, Melsa Ararat, of Turkey, Patrick The five-member rock band has will be sung by Bruce Tuthill, a Melen, of Belgium, and Tad Allan,

Miss Ararat will show scenes of anniversary of its monarchy.



it tonight."

of America.

the organization.

services.



China Lake.

Scout badge.

Friday, March 10, 1972

ROCKETEER

Page Five

Savannah, Ga., and told them she chairmen.

Junior Girl Scout troops and Senior others. tdoor skills," she added.

locally with a special observance world. at the Naval Weapons Center's All estant services will be held at 10 said at 11:15. A reception honoring Wing of the Chapel following both

On Sunday, March 19, a fashion show will be sponsored by Junior Girl Scout Troop 172. Admission is 50 cents per person, and proceeds from the show will be used to purchase camping equipment for the Ridgecrest-China Lake Girl Scouts, and also will go into a

the development of the Girl Scout Park, located on Halsey Ave. at

Tickets to the fashion show may be obtained at the door on the day of the event, or may be purchased from Mary Sue's Dress Shop in Ridgecrest, supplier of the fashions in wearing apparel that will be shown. Door prizes will be given away (to children only), and Girl

Scouts who participate in the show

will earn a Public Relations Girl

Girl Scouts of the Indian Wells The Indian Wells Valley Girl Valley District, Joshua Tree Scout District consists of 29 troops, Council, have shifted into high gear made up of 601 girls and 156 adults. in preparation for the celebration The local organization includes a of Girl Scout Week, March 12-18. neighborhood chairman, a service On March 12, 1912, Juliette team, various committee chair-Gordon Low, the founder of the men who handle arrangments for Girl Scout movement, gathered a trips, and many other leaders, cosmall group of girls in her home in leaders and troop committee

had "... something for the girls of These dedicated adults enable Savannah, and all America, and all the girls to plan and follow through the world, and we're going to start with numerous projects at the local level

The "something for the girls" For instance, Troop 7 is involved was Girl Scouting. Her idea grew in making toys for a group of to become a spur to action for children in San Felipe, Mexico, nearly 32 million girls, men and while Troops 51 and 64 have women who at one time or another worked together on a World Neighhave been members of Girl Scouts bor badge, using their own format rather than set groups of rules.

This year, the Girl Scouts will The latter two troops have incelebrate the 60th anniversary of vited speakers from other countries, including Mrs. Peter Ham-"This is a busy time for our mond, from Great Britain; Mrs. girls," said Donnie Goettig, a Klaus Schadow, from Germany; spokesman for the local Girl Mrs. Warren Messenger, from Scouts. "The annual cookie sale is Japan; Foreign Exchange Student under way and will continue until Melsa Arrarat, from Turkey, March 13, and many Cadette and Denise Granja from Brazil, and

girls are taking weekend trips into From these speakers, the girls the surrounding mountains and have learned about customs in desert to earn badges and sharpen other lands and have added this knowledge to their own about Girl Scout Week will kick-off Scouting in other parts of the

Faith Chapel on Sunday. Prot- Physicist Busy a.m., and a Catholic Mass will be With Medical Girl Scouts will be held in the East Research Work

Dr. E. Ronald Atkinson, a senior physicist with the Fuze Department, left China Lake recently to undertake a 6 to 12-month assignment at the National Heart and Lung Institute's Technical Development Laboratory in Bethesda,

The primary work being done by Dr. Atkinson, who has had training and experience in the field of biophysics, will involve research on several important NHLI projects.

In addition, this assignment also will involve him in other programs of the National Institutes of Health, which is handling all costs connected with Dr. Atkinson's temporary assignment.

Because there is a possibility that the field of biomedicine may benefit significantly from Naval Weapons Center technology, Center officals were pleased at the opportunity to extend this effort by establishing a link with the Nat-



Dr. E. Ronald Atkinson



JAPANESE TEA CEREMONY-Members of Girl Scout Troops 51 and 64 gather around Mrs. Warren (Kiyoko) Messenger to witness the Japanese tea ceremony. The troops have invited guests and speakers from foreign countries to present information as part of the work required for a World Neighbor badge.



GIRL SCOUTS TO HOLD FASHION SHOW-Mrs. Eleanor O'Grady, right, assists Girl Scouts of Troop 172 with clothes they will wear in the fashion show, sponsored by the troop, to be held Sunday, March 19, at 2 p.m. in the Burroughs multi-use room. The Girl Scouts, who will act as models, are (I-r) Sharon Ellis, Terry Lynn Maples, Mrs. Nancy Loundagin, a troop leader, and Sheila O'Grady.

ACE Members To Hear Talk On Chemical Invasion of Oceans

A talk entitled "Eco-Leaks," (PCB). pertaining to the chemical invasion According to the visiting seven years later obtained his Ph.of the oceans by man, will be professor, as much as 25 per cent of D. in chemistry from the Universpresented Monday night during a all synthetic hydrocarbons that ity of Chicago. dinner meeting of the Mojave have been produced have been He then joined the Scripps In-Desert Section of the American Chemical Society.

The meeting, which is to be held at The Hideaway in Ridgecrest, will begin with a dinner at 7 p.m. and be concluded by a talk given by Dr. Edward D. Goldberg, who is a professor at the Scripps Institution of Oceanography at La Jolla.

Professor Goldberg's scientific interests cover the geochemistry of marine waters and sediments, particularly with the aid of radioactive dating techniques. The study of glaciers as a clue to recent geological events at the earth's surface, and fluorine geochemistry are two other areas of special interest being pursued by Dr. Goldberg.

The latter heads a special panel of the National Academy of Sciences, whose members are concerned with pollution of the oceans by polychlorinated biphenyls

transferred to the sea (primarily sutution of Oceanography in 1949 through the atmosphere), and their as an assistant professor of chempersistence in ocean waters is as istry, and became a full professor vet unknown.

A graduate of the University of California at Berkeley in 1942 with



Dr. Edward D. Goldberg

a BS degree, Professor Goldberg

in May, 1961.

Assessments Due Following Death

Of Member Waived

Assessments normally due following the death of a member of the Government Employees Benefit Association and the China Lake Mutual Aid Society have been waived following the recent demise of Verna Harding, 61, a former employee in the Public Works Department at NWC.

While this most recent assessment was waived, payments are overdue from many members for a previous assessment that was levied in late December following the death of Floyd Sapper.