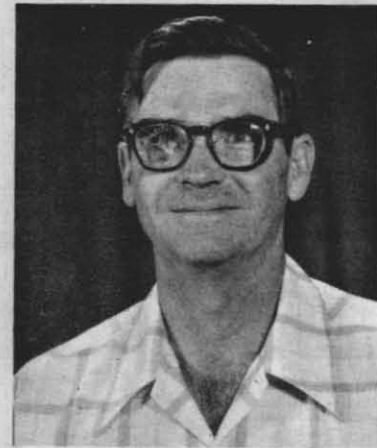


SAFETY PRACTICE PAYS OFF—When Gordon L. Johnson (left) began work at China Lake in 1959 he ordered a pair of safety glasses (prescription) from the Safety Department. Recently, Gordon, an employee of Code 5545, was boring a blind hole in an aluminum part. His tool hit the bottom of the hole and shattered. When this occurred a piece of the broken tool hit his safety glasses, shattering the lens but preventing an injury.



CWO2 ELDER AWARDED ACHIEVEMENT MEDAL—Mrs. Sarah Elder pins the Navy Achievement Medal on her husband, CW02 James W. Elder, Food Services Officer at NWC. The citation was presented by RAdm. W. J. Moran during ceremonies held last week in the Commander's office. Awarded for meritorious achievement while CW02 Elder served in U.S.S. Kitty Hawk as Assistant Aviation Stores Officer from November 1970 to April 1971 during combat operations, the citation stated in part: "CW02 Elder's outstanding day-to-day performance in managing an inventory of aviation repair parts valued at \$32,000,000 was a major factor in the ship and embarked air wing obtaining a high state of combat readiness." CW02 Elder, who hails from Latrobe, Penn., arrived at the Center in May 1971 to assume the duties of Food Services and Retail Clothing Sales Officer.

—Photo by PH3 Ronald G. Mills, USN

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(GP) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI 30 JULY
"JOURNEY TO THE FAR SIDE OF THE SUN" (98 Min)
Ian Hendry, Lynn Loring
(Science-Fiction) Was there really a new planet behind the sun, rotating at the same speed as earth? How could the astronauts have been there and back in half the calculated time? (G)
"G. I. Pink" (98 Min)

SAT 31 JULY
—MATINEE—
"INDIAN PAINT" (91 Min)
Johnny Crawford
1 p.m.
"MICKEY'S DELAYED DATE" (7 Min)
"FAST BUCK DUCK" (7 Min)
—EVENING—
"THE FANTASTIC PLASTIC MACHINE" (44 Min)
Surfing around the world
7:30 p.m.
(Sports-Adventure) From Malibu to New Zealand this strange breed—the surfer—faces the power of the sea doing his "thing" and finding himself. Speedway surfing, on plane tires and body skinning down a waterfall! (G)
"DEEP ADVENTURE" (44 Min)
SUN and MON 1-2 AUGUST
"THE STATUE" (85 Min)
David Niven, Virna Lisi
(Comedy) Pretty Virna is commissioned to sculpt an 18 foot statue of her Nobel prize-winner husband, David, and she does. But he wants to know who the model was when he views certain exaggerated parts. Naughty but funny! (R)
"CHASING THE SUN" (31 Min)
TUES and WED 3-4 AUGUST
"THE OWL AND THE PUSSY CAT" (97 Min)
Barbara Streisand, George Segal
(Comedy) Racy adult farce based on the Broadway hit has Barbara as the semi-professional hooker developing an unlikely relationship with George, a shy would-be writer who clerks in a book store. (R)
"PINK PANIC" (7 Min)
THURS and FRI 5-6 AUGUST
"WHEN DINOSAURS RULED THE EARTH" (96 Min)
Victoria Vectri, Robin Hawdon
(Science-Fiction) Sanna escapes being the victim of sacrifice to the Sun God and flees to the dangers of pre-historic monsters, huge snakes, and man-eating plants. (G)
"RABBIT ROMEO" (7 Min)

Bud Eyre Wins Twice

(Continued from Page 6)

Maulers to two hits. The Merchants collected only six hits themselves, but without regular starter Paul Amundson, Mauler hurlers walked 12 and hit two more to give the Merchants all the base runners they needed. Cary Dabbs delivered the big blow for the Merchants, a two-run homer in the top of the first inning.

In the week's only other game, NAF defeated A & L Tire in a slugfest, 11-10. The loss was the seventh in a row (and ninth in 10 games) for A & L, who once led the league with a 5-0 record.

Trailing 10-8 going into the bottom of the seventh inning, the Hawks had runners on the first and third with two out before the roof fell in on A & L pitcher Andy Gilpin.

Lloyd Richards scored when Cas Castillo reached first on an error, and after a walk to Dick Diebler, Dick Sullivan won the game with a two-run single that put NAF in sole possession of third place.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

computational programs on a digital computer, and familiarity with algebra and the use of table of logarithms and trigonometric functions and the extraction of data from oscilloscope and oscillograph records. Rudimentary statistical calculations and familiarity with standard subroutines on the Center computer for calculating same would be highly desirable.

Contract Administrator, GS-1102-12, PD No. 325013, Code 2521—Incumbent will act in capacity of project team member in support of major weapons systems and research programs. Will be called in at the initial planning and definition phase of these programs and follow them through to their eventual development. Oversees and assures compliance with terms of contracts and negotiates with contractors to resolve problems concerning obligations of either the Government or private concerns. **Minimum Qualification Requirements:** Three years of general experience in contracting and procurement practices and procedures plus three years of specialized experience in contract administration. **Job Relevant Criteria:** Must possess a comprehensive background in procurement of technical equipments, systems, services and contract administration matters and must have had extensive actual experience in those fields.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 204, Ext. 3118. Accounts Maintenance Clerk, GS-520-4, PD No. 517015-8, Code No. 1762—Examination validation, and verification of accounting documents and forms, posting of transactions to accounting records, correction of error on postings, entries, computations, balances, etc. **Minimum Qualification Requirements:** 1 year general and 1 year specialized as stated in X-118. **Job Relevant Criteria:** Ability to work relatively independently in performing duties of the position.

Computer Systems Analyst, GS-334-11, PD No. 7117023, Code 1782—Will conduct, or assist in conducting, major systems studies in management and administrative areas; design, or assist in designing, major business systems with emphasis on automated computer applications; and coordinates implementation, or assists in coordinating implementations, of major business systems. **Minimum Qualification Requirements:** 3 years General, 2 years specialized and 1 year specific experience as stated in X-118. **Job Relevant Criteria:** (a) A thorough knowledge of the systems analysis methodology. (b) A general knowledge of computer technology, including techniques for analyzing economic trade-offs, computer programming, and computer operations.

File applications for the above with Mary Herston, Code 457, Rm. 210, phone 2032. Plant Account Clerk, GS-301-4, PD No. 7170061, Code 70024—Duties include review of stub requisitions related to acquisition of Class III and Class IV plant equipment: physical siting of equipment for property record card information; affixing plant account tags to equipment physical siting of buildings and structures for plant account information. Keeps plant account records for Center on Class III automotive property and for facilities, structures and real estate. **Minimum Qualification Requirements:** 1 year general and 1 year specialized in accordance with X-118. **Job Relevant Criteria:**—Must be able to work outside and must be able to get a Government drivers license. Knowledge of basic construction and mechanical terminology desired.

File application with Dora B. Childers, Code 657, Rm. 210, Phone 2393. Clerk-Typist, GS-322-04, Code 702 A01CC—Duties: Provides clerical support to technical staff, as required to meet current workload. Types correspondence, forms, endorsements, etc.; receives telephone and personal callers, screening calls and referring to staff members or supplying information as appropriate. **Qualification Requirements:** Applicants must meet qualification requirements of Handbook X-118. (Two (2) years appropriate experience: or education and/or experience.) **Job Relevant Criteria:** Must be a qualified typist. **Duty Station:** China Lake, California.

File application for Federal Employment SF-171 with Civilian Personnel Office, Bldg. 37, Code 702. Budget Clerk PD No. 855083 GS-501-5 Code 5571—Position is located in the SIDEWINDER-CHAPARRAL Systems Office in the Engineering Department. Incumbent is responsible for fiscal control, reporting, and preparation of budgets. Maintains records of all funds received, insuring that correct amounts are properly distributed to the many groups involved. maintains records of expenditures in various areas such as material, contracts, labor, overhead, and travel. reviews expenditures for correctness of job orders and work tasks, keeps program manager informed of status of various job order assignments on a continuing basis. Prepares monthly fiscal report of all funds controlled by the SIDEWINDER-CHAPARRAL program office. Preparing the budgetary portion of monthly status and planning report. Compiles the budgets for the SIDEWINDER-CHAPARRAL program utilizing the budget inputs from the various work groups involved. **Minimum**

Qualifications: 1 year general and 2 years specialized experience or degree in accounting or business administration, as outlined in CSC Handbook X-118. **Job Relevant Criteria:** Basic knowledge of accounting procedures, ability to type 30-50 words per minute, understand and interpret fiscal reports, and recognize ambiguities and discrepancies in such reports. Requires knowledge and understanding of task assignments, job order systems, channels and fund sources.

File applications for above with Joan Macintosh, Code 657, ph 2371. Clerk-Typist GS-322-3, Code 84, PD No. 7140017—This position is in the Security Department Office. The incumbent assists the department secretary in performance of clerical duties for the department staff. Duties include typing of official correspondence, memos, sub-requisitions, etc; opens and reads incoming mail received in the department office; maintains NWC instruction files; receives incoming calls and places outgoing calls; and receives message traffic for Code 84. **Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Must be a qualified typist and have the ability to meet and greet the public with courtesy and tact.

File above applications with Patricia A. Gaunt, Bldg. 34, Room 202, Phone 2723.

Secretary (Typist) GS-45 Code 501, PD No. 278—This position is that of Division Secretary. Major duties and responsibilities are as follows: composing and reviewing correspondence (incumbent is responsible for the adequacy, procedure and format of all correspondence prepared in the Division); responsible for receiving incoming calls and visitors to the Division Office; setting up and maintaining files; writing resumés of conferences; and collects information and prepares administrative reports. **Qualification Requirements:** 3 years of clerical experience of which six months is secretarial experience to a designated supervisor for the GS-5 level, and 2 1/2 years of clerical experience for the GS-4 level. **Job Relevant Criteria:** Must be a qualified typist with a working knowledge of the technical terminologies, symbols, equations, etc., used in documentation of scientific research.

File above applications with Patricia A. Gaunt, Bldg. 34, Room 202, Phone 2723.

General Foreman (Carpenter)—Announcement No. NWC-11 (11) is amended to extend the area of consideration to include all Navy activities in the 11th Naval District. The date for filing is extended from 2 August to 16 August 1971. **File Standard Form 172 (Supplemental Experience or Qualification Statement) and Supplemental Wage Grade Supervisory Information Sheet with the Special Examiner, Code 452, China Lake, California.** To be received or postmarked not later than 16 August 1971. Forms may be obtained in the Personnel Building, Room 100, China Lake, California. However, employees who have been demoted (except for cause or at their own request) from this position or a higher level position in the same trade, who held the position on a permanent basis, must file a Standard Form 172 with Head, Personnel Service Division No. 2, Code 457, Room 210, Personnel Bldg., Naval Weapons Center, China Lake, California.

Clerk-Typist GS-322-3 or 4, PD No. 6925014, 2573—Responsible for the source of documents, keypunching of data emanating from the Stock Control Branch, preparation of outgoing documents, the subsequent processing, routing and/or mailing thereof, and the daily distribution of all incoming documents to the Stock Control Branch. **Minimum Qualification Requirements:** Two years of progressively responsible experience which included, as a significant part of the duties the performance of typing for the GS-4; one year of the same for the GS-3. **Job Relevant Criteria:** Must be a qualified typist. Knowledge in keypunch is highly desirable.

FAT ALBERT DROWNS IN NAF POOL

THURSDAY, AUGUST 5, 9:30-11:30

FEATURING: LIVE BAND WITH POWER SOUNDS, BEER 18 POP, FUNK, DANCING, VOLLEYBALL

SPONSORED BY: B. O. D. S. (BUNCH OF SEPARATE SINGLES)

PREVENT FOREST FIRES

Bud Shull Takes Position With Study Group

Irwin I. "Bud" Shull, Head, Engineering Division, Public Works Department, has taken a position with a special study group in the office of the Assistant Secretary of Defense (Installations and Logistics), in Washington, D. C. This is an 11-man group with all services represented and includes both military and civilian members.

The group's charter is to survey all DOD real property holdings as required by Presidential Executive Order 11508 and the effort is expected to take two years. The Presidential Directive is aimed at returning unused Federal property to general public use.

Bud began his Civil Service career in 1948 with the Bureau of Reclamation at Davis Dam, in Arizona. In 1951 he came to China Lake with the Aviation Ordnance Department and remained in that organization until 1959 when he moved to Public Works as Head of the Engineering Division.

During his years at China Lake he was an active member of the community, working in the congregation of the All Faith Chapel and was a charter member of the local Optimist Club.

He is a graduate of the University of Arizona with a BSEE and is a retired Captain, CEC, USNR.

His wife, Dot, and son, Wayne, will soon move to the Washington area.

Desert Campus Registration Dates Listed

Registration for Fall semester classes at the Desert Campus of Bakersfield College will be held on Tuesday, August 31 and Thursday, September 2 from 5 to 8 p.m. in the Burroughs High School Multi-Use Room, according to Dr. Richard A. Jones, dean of the college.

Day registration will take place on Friday, September 3 from 9:30 a.m. to 3:30 p.m.

Those registering for classes during the three days of open registration will have the opportunity to discuss their programs of study with college officials.

Students carrying six or more units and working toward a high school diploma or college degree may schedule appointments with a college counselor between August 3 and September 3 to discuss any educational problems they might have.

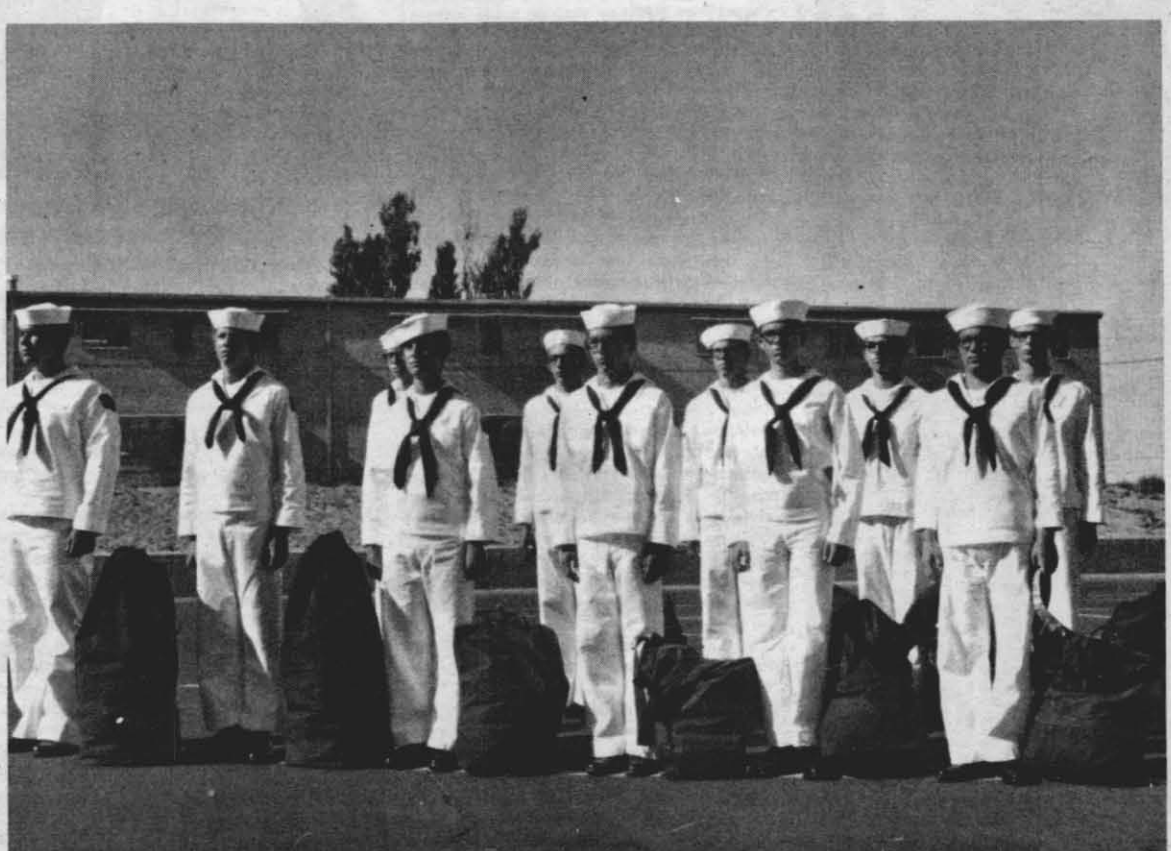
Fall semester classes will officially begin at the college on Tuesday, September 7.

Late registration will also begin on September 7 and continue to September 17. During late registration, students are advised that the specific class they are interested in may be closed because its maximum enrollment has been reached.

The college bookstore will be located in Room 2 at the Desert Campus. Specific hours of operation will be announced later.

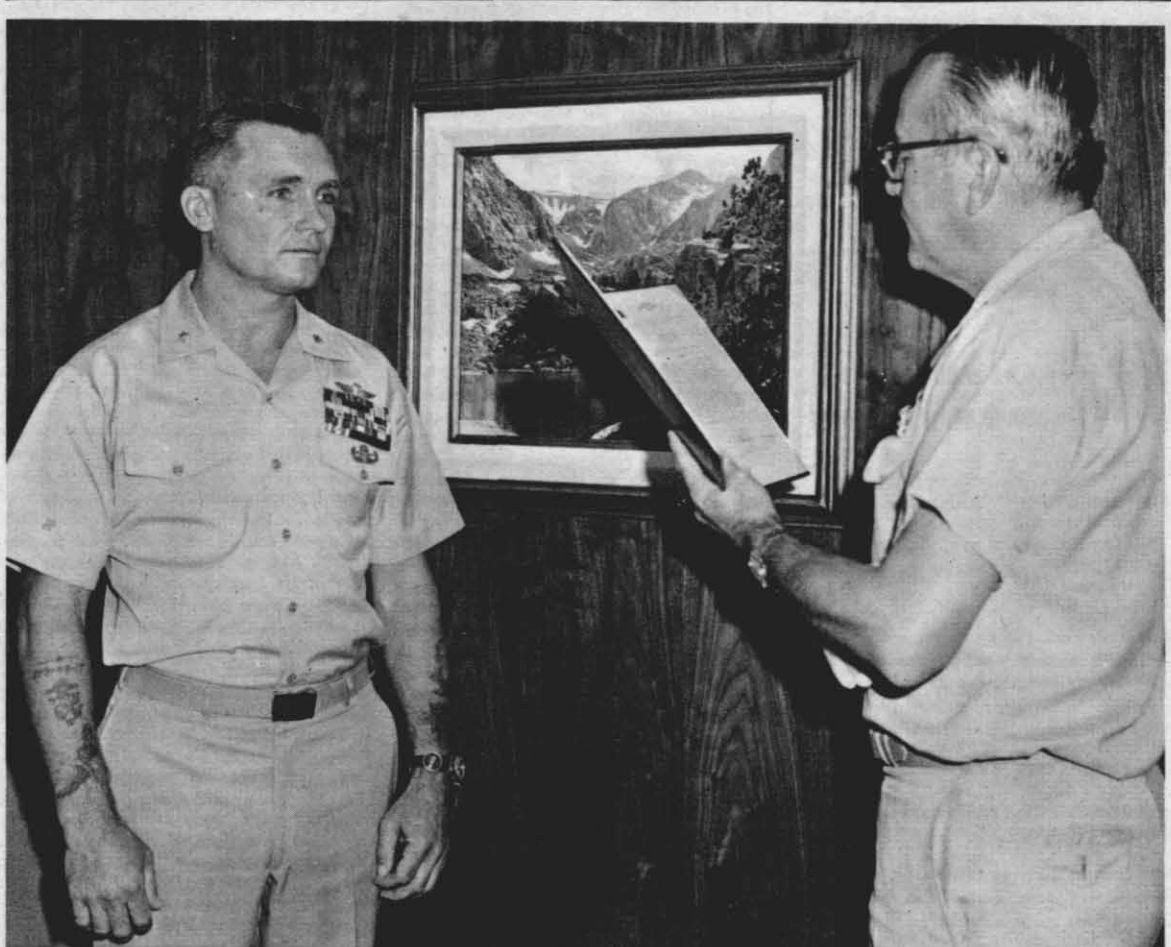
Vol. XXVI No. 29 Naval Weapons Center, China Lake, California July 30, 1971

Local Naval Sea Cadets Graduate From Recruit Training Program



LOCAL SEA CADETS LEAVE FOR RECRUIT TRAINING—On June 20 these 12 local boys, all members of the Sea Cadets sponsored jointly by the Indian Wells Valley Council of the Navy League and the U.S. Navy, left for recruit training

in San Diego. The boys were the first contingent from the local Sea Cadet Squadron to take part in regular Navy basic training. For more photos of Sea Cadet training, see pages 4 and 5 of this issue of The ROCKETEER.



GOLD STAR AWARDED LCDR. SPINKS—RAdm. William J. Moran (r), NWC Commander, presented the Gold Star, in lieu of second award of a Bronze Star Medal, with Combat V to LCDR. Alfred H. Spinks, Military Assistant in the Special Projects Division of the Electronic Systems Dept. The award, presented in ceremonies held in the Commander's office last week, covered the period

of August 1970 to October 1970 for combat demolition operations with the 7th ARVN Division, against the North Viet Nam and Viet Cong. During this period LCDR. Spinks served as Deputy Canal Clearance Officer for a team which went deep into enemy territory to blast a navigable channel through three VC dams and a sunken steel truss bridge which blocked a major waterway.

Inside . . .

Dr. Hoyem 2

Sea Scouts 4 & 5

Employee 7

Showboat 8

Newly-Formed Group Sees 12 Cadets Advance

Recently, a group of 12 Naval Sea Cadets from the China Lake-Ridgecrest area was graduated from recruit training at the Naval Training Center, San Diego.

The local youths were among a contingent of 293 Sea Cadets from various parts of the U.S. and Hawaii to complete the Navy-prescribed curriculum for recruits.

Training for the Sea Cadets included classes in oceanography, Navy officers' preparatory courses, first aid and construction work.

Those who completed the Navy recruit training were Ben Bebee, Kurt A. Becker, John C. DiPol, Thomas D. Foster, Richard C. Hardy, Michael A. Richno, Alan W. Schultz, Jerry L. Thomas, Marilyn D. Webb, Kent H. Smith, Ronnie A. Martin and Thomas L. Hix.

The 12 young men were the first from the recently formed Sea Cadet Program in the Indian Wells Valley to complete recruit training. A voluntary organization of boys 14 through 17, the program is meant for the development of character and integrity of young men whether or not they elect the Navy as a career. Through this program they are exposed to two shorebased and shipboard experiences of enlisted U.S. Navy personnel. The local contingent, jointly sponsored by the Indian Wells Valley Council of the Navy League and the U.S. Navy, is made up of 32 young men who devote one weekend each month to academic study and military training at the Naval Air Facility's Hangar One at

(Continued on Page 4)

New Access Code Change

At 0001 on Sunday, August 1, 1971 the change over to the 939 access code for all official telephone calls (long distance and local) to the Center's official telephones will be completed by using the 939 plus extension number. The number 375-1411 and the 763 code will be discontinued. Calls requiring operator assistance will be made to 939-9011. New Center telephone directories will be distributed on August 3.

Residents in Navy housing are urged to remember the new emergency numbers: Fire - 939-3333, Police - 939-3323.

From _____

TO _____

PLACE STAMP HERE



DR. HOYEM RETIRES—Dr. Albert G. Hoyem, NWC Education Director, holds a roadrunner, handcarved by Charles Huckleba, which was presented him at a retirement party held Tuesday, July 27 in the Commissioned Officer's Mess. Dr. Hoyem, who retired with 25 years of Federal Service, received many other gifts, including a Bill Fettkether photograph of a Bristlecone Pine, hand-tinted by K. H. Robinson, a pair of marble bookends and many plaques commemorating work he has done while at NWC. A graduate of Saint Olaf College in Northfield, Minnesota, he received his Masters and Doctorate degrees from the University of Iowa, in Iowa City. Dr. Hoyem has three children: Andrew, a publisher and printer who lives in San Francisco; John, a physicist with Code 4048; and Anna, who is married to another NWC physicist, William Fitzgerald. Dr. Hoyem will reside in Ridgecrest at 541 Trisha Court.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2049. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Secretary (Dmt, GS-318-4 or 5, PD No. 7135108 Code 352)—Incumbent is Secretary to the Head, RF Development Division, Electronic Systems Department. Performs regular secretarial and typing duties. As secretary to Head, RF Development Division, receives and screens all on and off-center visitors; maintains Division Head's calendar; receives, opens and screens all personally directed correspondence and prepares replies on routine and non-technical matters. Informs, instructs and coordinates secretarial help in subordinate offices in accomplishing the work of the Division. Reviews all out-going official Division correspondence for conformance with Center and Department procedures and policies. Minimum Qualification Requirements: GS-4: 2 years general clerical experience. GS-5: 2 1/2 years general clerical and 6 months specialized secretarial experience. Job Relevant Criteria: Incumbent must be proficient in the use of a dictating machine, be an accurate typist and be thoroughly familiar with policies and procedures for reviewing official out-going correspondence.

File applications for the above with Sue Prasolowicz, Bldg 34, Rm 204 ext 2577.

Electronic Engineer, GS-85-11-12, PD No. 7042021, Code 4004—This position is located in the BULLDOG Project Office of the Weapons Development Department. The incumbent's responsibilities include the design, analysis and evaluation of the guidance electronics of the BULLDOG GOG. This includes low level high bandwidth preamplifiers, high speed signal processing techniques, digital logic, and power amplifiers. Must be thoroughly familiar with application of integrated circuits and their use in missile applications. A working knowledge of lasers and their application is desirable. Incumbent will test and evaluate present design, propose and test design improvements and prepare technical reports on studies and progress of work. Minimum Qualification Requirements: In accordance with Handbook X-118 standards. Job Relevant Criteria: Must be thoroughly familiar with application of integrated circuits and their use in missile applications.

File applications for above with June Chipp, Bldg. 34, Rm. 204, Phone 2674.

Engineering Draftsman (General), GS-818-5, 6 or 7, PD No. 7130093, Code 3053—The position is that of an Engineering Draftsman in the Mechanical Design Branch guidance and Control Division, of the Systems Development Department. Duties include mechanical and electronic design drafting, fabrication liaison with manufacturing groups, and assembly of prototype hardware. The design and drafting includes preparation of detailed components, subassembly and assembly drawings for use to fabricate and assemble exploratory and advanced development hardware. Minimum Qualification Requirements: GS-5, 2 years general and 1 year specialized, GS-6, 2 years general and 2 years specialized, GS-7, 2 years general and 3 years specialized.

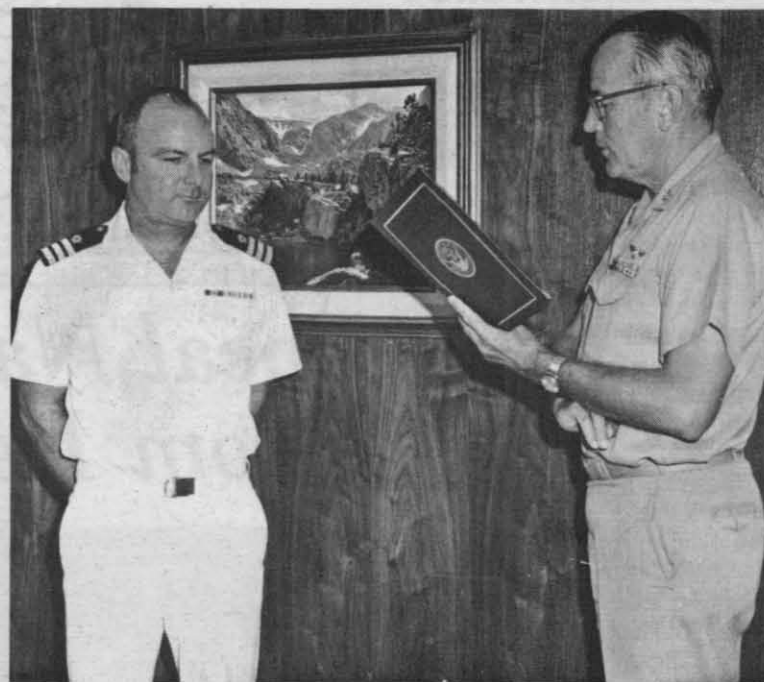
File applications for the above with Dora Childers, Code 657, Rm. 210, Phone 2392.

Supervisory Supply Clerk, GS-2005-6, PD No. 7025027, Code 2575—As Head, Contract Section, Receipt Control Branch, incumbent is responsible for initial prepayment review, for maintaining contact and follow-up, as necessary on contractual matters and purchase orders; furnishes information; certifies and forwards invoices for payment; follows up on overdue orders and invoices. Supervises, instructs and reviews work of five Voucher Examiners. Minimum Qualification Requirements: One year of general office or clerical experience plus three years of supply work or work in a closely related activity. Supervisory aptitude must have been demonstrated. Job Relevant Criteria: Must have technical knowledge necessary to instruct and review work of five Voucher Examiners at the GS-5 level. Must be capable of making sound decisions, supervising subordinates, and dealing with the public.

General Engineer, GS-801-13 PD No. 7130091 Code 3021—This position is located in the Sidewinder AIM-9L Technical Project Branch, Missile Systems Development Division, Systems Development Department. The incumbent serves as Project Engineer for the S-W AIM-9L Technical Manager. He will be responsible for various aspects of the S-W AIM-9L Program such as the guidance control groups, missile components, auxiliary equipment, and support functions assigned by the S-W AIM-9L Technical Manager. He will maintain a close liaison with contractors, NASC, and many military facilities such as the Naval Missile Center, Ft. Mugu, and various Air Force Commands. Minimum Qualifications: 3 years professional engineering experience in appropriate subject-matter fields, 1 year of which was at GS-12 level, as outlined in CSC Handbook X-118. Job Relevant Criteria: Technical experience in areas such as infrared, servomechanics, hot gas generators, propellants, electro-optical systems, lasers, aerodynamic heating, and stress and flutter in airframes.

File applications for above with Dora Childers, Code 657, Ext. 2392.

Aerospace Engineer, GS-841-9-11-12, Code 4580, PD No. 7145061—This position is that of Aerospace Engineer in the QuickTurn Project Office Propulsion Technology Division, Propulsion Development Department. The incumbent will assist in the integrated design, development, and flight testing of the QuickTurn Flight Test Vehicle. He will conduct component tradeoffs, load and stress analysis and feasibility studies and performance calculations related to propulsion steered vehicles considering static and dynamic performance as well as technical effectiveness of the system. Qualification



CDR. UHE RECEIVES COMMENDATION MEDAL—Cdr. J. L. Uhe, Assistant Public Works Officer, was recently awarded the Navy Commendation Medal, with Combat Distinguishing Device, for outstanding service in Vietnam with the Naval Support Activity, Saigon. RAdm. W. J. Moran, NWC Commander, reads the citation during a ceremony in his office July 22.

Qualification Requirements: GS-7, 2 years general and 3 years specialized, GS-9, 2 years general and 4 years specialized. Job Relevant Criteria: Experience with military jet and piston aircraft.

Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must have at least a B.S. degree or equivalent in one of the related engineering or scientific fields.

File applications for the above with Linda Grossman, Bldg. 34, Room 204, Phone 2925.

Engineer, any Discipline, GS-9-11-12 or Physicist, GS-1310-9-11-12, 1 Vacancy, PD No. 7145063, Code 4566—This position is located in the Exploratory Development Branch, Warhead Division, Propulsion Development Department. The incumbent will serve as a project engineer for warhead exploratory development programs and/or feasibility studies. The work will involve conducting experimental studies of the performance of advanced warhead designs and providing inputs to subsequent analysis in an iterative procedure to optimize warhead design parameters and the understanding of the effect of design parameters on warhead performance. The incumbent will be responsible for designing test hardware, monitoring and coordinating its fabrication, testing, and data collection, reduction and analysis. Qualification Requirements: A) Bachelor's degree in Engineering or Physics. B) Experience in military ordnance technology at the following levels: GS-9, 1 year; GS-11, 2 years; GS-12, 3 years. Job Relevant Criteria: Experience in weaponry design, development, analysis and evaluation.

File applications for the above with Linda Grossman, Bldg. 34, Room 204, Phone 2925.

Clerk-Dictating Machine Transcriber, GS-316-3 or 4, PD No. 7135052, Code 354—Provides clerical support for two branches, 3541 and 3544, in the Electronic Systems Department. Incumbent types from handwritten or rough draft copy, transcribes from dictaphone, technical notes, etc. Receives telephone and office callers, composes correspondence, receives and distributes incoming branch mail, makes appointments, performs other clerical duties. Minimum Qualification Requirements: GS-3, 1 year of clerical experience; GS-4, 2 years of appropriate clerical experience. Job Relevant Criteria: Incumbent must be thoroughly familiar with on-center secretarial procedures. A knowledge of the use of the IBM Mag Card Typewriter is desirable.

Mathematician or Physicist, GS-11 or 12, PD No. 7135116, Code 3553—This position is located in the Electronic Systems Department, Countermeasures Division, Electronic Warfare Branch. The incumbent will be responsible for the processing of data obtained from tests at the Electronic Warfare Complex (Echo Range). Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: At least 3 years experience in data reduction and/or data analysis, experience in machine language and FORTRAN programming is desirable.

File application for the above with Sue Prasolowicz, Bldg. 34, Rm. 204, ext. 2577.

Mathematics Technician, GS-1521-7 or 8, PD No. 7146032, 601—Participates in the data reduction relating to experiments in combustion instability and steady state combustion. Will perform mathematical analysis and particle size analysis. Minimum Qualification Requirements: Two years of general aid or technical experience plus three years for the GS-7 and four years for the GS-8 of specialized experience in nonprofessional technical work requiring knowledge and application of mathematical concepts and techniques in the calculation and reduction of quantitative data relating to scientific and engineering activities. Job Relevant Criteria: Requires operation of desk computer-calculator proficiently, the ability to run

(Continued on Page 8)



TRI-COUNTY FAIR DISPLAY—NWC shared a booth with the Navy recruiters from Reno, Nevada at this year's Tri-County Fair held in Bishop, California. Thousands of visitors viewed the exhibits, arranged by the Exhibits Branch of the Technical Information Department.

A Look Into The Past From The Rocketeer Files

25 Years Ago . . .

Robert Helm of Inyokern and W. H. Sparrow, a Cost Accountant in the Supply Department, were seriously injured in a plane crash last weekend when the aircraft in which they were riding went into a spin and crashed. The men were involved in taking aerial photographs of Ewing's Desert Resort . . . \$200,000 worth of material from the site of the internment camp at nearby Manzanar was auctioned off this week for the benefit of 30,000 veterans who are now living in the area . . . Erma Peirson's "Desert Scrapbook" column offered a treatment of the colorful history of Searles' Lake . . . Senior Medical Officer Cdr. Howard M. Robbins, USN, MC, was separated from the Navy this week and went into retirement . . . the ROCKETEER ran into a bit of trouble as engravings from which their pictures were made became snarled in delivery. They were saved by the girls in the RD&T Teletype Unit who went all out to contact the proper authorities so that the engravings could be delivered.

15 Years Ago . . .

Top officials from China Lake and Ridgecrest heard H. D. Williams, Civil Defense Director for this area, announce that no civil defense program existed for the Indian Wells Valley communities. Plans were formulated at the meeting to study the problem and designate responsibilities . . . China Lake was the scene this week of the Little League District playoffs. The tournament is under the direction of Dr. Eli Besser, president of the China Lake National Little League . . . The Divot Diggers, led by Wendell Alexander took first place in the recently completed Intramural Golf league.

5 Years Ago . . .

Civilians attached to the Security Department at China Lake took over the responsibilities of checking passes at the Center's gates. Navy men, who had been performing this chore since 1963, were relieved of this duty as part of DOD's civilianization program that has been in effect throughout the Armed Forces during the past year . . . Final plans were being shaped up for the opening of the new Von's market at Bennington Plaza . . . Cdr. J. J. Braun assumed the duties of VX-5 Executive officer replacing Cdr. H. E. Anderson who was reassigned to Yokosuka, Japan . . . 50 Oregon teachers participated in the 11th annual Aerospace Education Workshop held at China Lake at their request . . . An intensive campaign was launched by the China Lake Community Council to construct an experimental FM translator in the Indian Wells Valley. August 23 was named as the cutoff date to raise \$2,000 to finance the project .

Help line line
Orbit Intervention
CALL 446-5531



NEW ARMY RECRUITER—Ssgt. M. L. Tucker has been assigned to the Ridgecrest area as the U.S. Army Recruiter under the new Modern Volunteer Army concept. He was the recruiter in Lancaster for nearly five years prior to his assignment here. Office hours will be 8 a.m. to 5 p.m. Monday through Friday with the exception of Wednesday, when he will be in Bishop. The recruiting office is located at 737 N. China Lake Blvd., in Ridgecrest.

'Closer Thais' To Play For Pool Party

Frank Barney, manager of the Chief Petty Officer's Club, announced that the "Closer Thais" will play for a Shipwreck Party, at Poolside Friday, July 30. The bar will open at 6 p.m. and dinner, consisting of an outdoor steak fry, will be served at 7 p.m. Music will be played until 1:30 a.m. Barney emphasized that all members, and their guests, are cordially invited.



Employee In the Spotlight



Richard S. Hughes

On May 13 Richard S. Hughes received the William B. McLean Award for " . . . his exceptional originality in developing totally practical and effective electronic systems designs for outstanding missile guidance programs. His published contributions . . . have added substantially to the prestige and stature of the Naval Weapons Center."

Dick joined the Center as an Electronic Engineer in the Professional Development Program in 1960. His first assignment was with the Test Department's Supersonic Track (SNORT) Division.

"My decision to come to China Lake after graduation from the University of Nevada was based on my desire to work in transistor circuit design and also because of the fine JP program at NOTS," he stated.

After his JP tour he joined Code 3045 and worked in circuit design, digitizing radars. In 1962 he transferred to SHRIKE as an electronic designs engineer and since 1965 has worked for Jack Russell. He is now a consultant on Circuit Design directly for Russell.

The open literature published by Dick includes many papers and two books, "Solid State Variable Gain and Logarithmic Video Amplifiers," published in 1967 and "Logarithmic Video Amplifiers," to be published in September. In 1967 Dick delivered a paper on Logarithmic Video Amplifiers for the IEEE National Symposium on Communications.

Dick teaches a course at Bakersfield College, Desert Campus, on Advanced Transistor Circuit Design.

He is affectionately known as the man who "put the Little League on ice," because of the recent purchase of two ice machines by the League's board of directors. Presently the president of the organization, Dick has served as a player agent, and as minor league vice president. In 1969 he was the Farm League vice president and in 1968 served as the T-Ball vice president. "I entered the program because my son did, and I feel it is important for parents to take an interest in what their children do," he said.

"I haven't been able to enjoy too many other pastimes since becoming president of Little League, but when I find time, I

like to compete in cross-country motorcycle races and enduros."

In 1970 Dick won the Class B heavy-weight division of the Jackass Enduro national championship, a race from the Wagonwheel (Alice's Restaurant) to Ballarat and back, sponsored by the Foothill Hawks Motorcycle Club. Dick presently owns an CZ, a Czechoslovakian cycle, but previously raced a Triumph 650.

Nearly everyone has a major passion. Dick wants to run a 4:30 mile. "Right now I'm running about 4:50. Every day during my lunch hour I run on an obstacle course I constructed at NAF near the pool area. On Sundays my wife times me and a friend, Jack Johantgen, paces me in an attempt to run a 4:30 mile. I don't know why I set this goal for myself, but if it doesn't do anything else, my passion keeps me in pretty good shape."

Dick and his wife Janet (whom he met while they were both students at the University of Nevada) find time for tennis occasionally, and Janet keeps busy making clothes for herself and their daughter, Tammy, 8, and oil painting. The couple also have a son, Stan, 11.

"Nearly all of Hughes' patents (8 issued, 8 pending, and 2 applied for) have been applied to systems that have gone into production and operational use. This certainly testifies to the fact that his ideas are simple, practical and effective. I can't think of a better testimony for an inventor," stated Jack Russell when he nominated Dick for the McLean Award.

'Journey Into Light' Film At Astronomical Society

A new film "Journey into Light," produced by the Kitt Peak National Observatory, will be shown at the next meeting of the China Lake Astronomical Society. The movie reviews the construction of the

Observatory, and describes current research with the 84-inch telescope.

The public is invited to attend, Monday evening, August 2, 7:30 p.m. at 401-A McIntire.

The Rocketeer

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Naval Weapons Center
China Lake, California



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ROCKETEER SPORTS

Bud Eyre Wins Twice, Extend Streak To Seven

Picking up where they left off before the MDISL softball tournament, Bud Eyre and Ace TV continued their battle for the China Lake Softball League title by winning twice last week.

Bud Eyre extended its winning streak to seven games turning on the power and defeating the Maulers 18-2, in five innings and then finishing A & L Tire, 12-0, at the end of six, as both games were ended by the 10-run rule.

Bud Eyre turned seven walks and 14 hits into an 18-2 runaway as Bob Kochman coasted to a 3-hit victory over the hapless Maulers.

Buddy Deffes, who reached base every time at the plate (two walks, a double and a single), opened the Bud Eyre first with a base on balls and the Maulers were never effectively in the game again.

Bud Eyre rallied for six runs in the first, 10 in the second and two in the third to put the game away. The Maulers scored their only runs on a two-run homer by Billy Craddock.

Two nights later, Bud Eyre bats provided the fireworks again, as they spaced six hits to pound A & L pitchers for 12 runs (only five of which were earned).

Jim Bradberry led the Bud Eyre hitters with 2-for-2 while pitcher Bert Andreason limited A & L to three hits over the six innings. He struck out 10.

Ace TV did not escape as easily, however, and had to hustle twice to keep their two-game lead. Pushed by tournament-toughened NAF, Ace TV had to come from behind to beat the Hawks, 2-1, and later in

the week had to stave off a late-inning barrage by the Valley Merchants to win again, 9-5.

NAF jumped to a 1-0 lead on Ace hurler Bert Galloway, when Dick Sullivan walked and came home when right fielder Frank Carson misplayed Jack Andrews' fly ball in the top of the third inning.

Ace tied the game in the fifth when Carson doubled and Dennis Bagshaw drove home pinch runner Don Jones with a single.

It was up to Bill Stuart to provide the winning margin, though, with a bases empty homer to lead off the top of the sixth for Ace, as Galloway kept the Hawks quiet over the final four innings.

Ace seemed off to an easy victory over the Valley Merchants, as they scored five runs in the bottom of the first on an error, a walk, and base hits by Stuart, Carson, Ray Blackwell and Bagshaw.

Ace rallied for three more runs in the bottom of the fourth to take a comfortable 8-0 advantage, but two errors, a base on balls, a hit batsman and a single by Johnny Ayers produced three runs for the Merchants.

The Merchants rallied for two more in the top of the seventh, but Galloway escaped when Ace centerfielder Jerry Kissick nailed Jeff Radcliff trying to stretch a single into a double for the final out of the game.

The Merchants tasted victory earlier in the week with an 11-0 shellacking of the Maulers as E. B. Earle and Billy Brown held the

(Continued on Page 8)



LITTLE LEAGUE ALL STARS—Winners of the Area Playoffs, this group of China Lake Little Leaguers met a team from Boron in the Division Playoffs last night at Diamond 4, at China Lake. The winners of last night's game will play the winners of tonight's game between the American Indians and El Dorado for the Division championship tomorrow night at 8 p.m. The China

Lake team includes (left to right), front row: David Schad, Ernie Bell, L. D. Pipkin, Carlos Gilbert, Bret Catcott, John Lowe, Duane Harbin and Mike Mullins. Back row, coach Warren Schad, Kevin Silberberg, Rocky Muro, Billy Quinn, Brian Carle, Ernie Shepherd, Steve Cordle and manager Ken Catcott.

—Photo by PH3 R. G. Mills

China Lake Wins Crown To Host Division Playoffs

Defense specialists Mike Mullins (second base) and David Schad (shortstop), who entered the second game in the bottom of the sixth inning, came through with a rally-ending double play to crush Ridgecrest's hopes for the area 1 Little League All Star crown, which went to China Lake by a score of 9-2.

Billy Quinn pitched a strong 2-hit game, which saw him fan 8 Ridgecrest batters. Carlos Gilbert and Ernie Shepard each had three hits in the contest.

The game began when China Lake scored two runs in the top of the first inning on doubles by Gilbert and Shepard, followed by a double by Kevin Silberberg. The score remained 2-0 until the top of the fifth inning when the local contingent broke the game wide open with six runs on four hits and

numerous Ridgecrest errors. Ridgecrest scored two runs in the bottom of the fifth inning on four walks and one of their two hits.

In the top of the sixth inning, Brian Carle added a little icing on the cake with a towering shot over the centerfield fence to increase China Lake's lead 9-2.

The local All Stars experienced some anxious moments in the bottom of the sixth inning when Ridgecrest loaded the bases with none out. However, the next Ridgecrest batter, Elliott, hit a soft liner to Mullins' right, who came up with the ball and started the double play to end Ridgecrest's threat.

China Lake got to the finals by defeating Bishop 7 to 1 on the one-hit pitching of Brian Carle Friday, July 23.

Code 551 Takes Golf Lead Pass Idle Code 30 Team

Code 551 surged into the lead in the Intramural Golf League last week by whipping The Titleists 4-0 taking advantage of the Bye of Code 30, who slipped to second place.

Code 5563 won 2.5 and moved into third tied with the Duffers, who won 3 from The ROCKETEERS, and with NAF, who won 4 from the Iron Men. The ROCKETEERS slipped to sixth place.

SLO-PITCH STANDINGS

TEAM	W	L	GB
Central Staff	8	1	—
Bakersfield College	8	2	1/2
CB All Stars	8	2	1/2
VX-5	7	2	1
Bombers	7	3	1 1/2
Supply Department	6	4	2
Saints	6	4	2
Huff-n-Puff	2	7	6
Muthas	2	8	6 1/2
NWC	2	8	6 1/2
Razzberries	1	8	7
Roadrunners	1	9	7 1/2

GOLF LEAGUE STANDINGS

TEAM	Points Won
Code 551	30.5
Code 30	29
Code 5563	28
Duffers	28
NAF	28
The ROCKETEERS	26.5
Chaparrals	26.5
Transportation	26.5
Central Staff	23
NWC Officers	22
Bat Chiefs	20.5
Code 3532	20.5
Sandbaggers	19.5
Gen'l. Engineers	18.5
Code 3563	14.5
The Titleists	14
Iron Men	8.5

Slo-Fast Pitch

TEAM	WON	LOST	GBL
Food Service	8	1	—
Farkel Family	7	1	1/2
Watusi Warriors	6	2	1 1/2
Snort	5	3	2 1/2
Maladroits	5	4	3
Sandblasters	2	6	5 1/2
Decibels	2	6	5 1/2
R.F. Devils	1	7	6 1/2
Lardos	1	7	6 1/2

Billy Quinn, captain of the Pirates, accepts while Carlos Gilbert, Dick Hughes, Little League President, Lee Gilbert, Pirate team manager, and Kirk Gilbert, look on. The Pirates took second place in this season's major league competition.

—Photo by PH3 R. G. Mills

PIRATES SPONSORED BY PUBLIC WORKS—Employees of the Public Works Department assured support of a Little League team again next year with a donation of \$205, presented in the form of a check by Sandra Walleen and Capt. W. H. Sturman, Public Works Officer, on the left.



SECURITY PERSONNEL RECEIVE AWARDS—Last week Lt. Col. R. M. St. Germain (1), NWC Security Officer, presented length of service and performance awards to the following Security Dept. employees: (l-r) William E. O'Neill, 20 yr. NWC; Sheila K. Dotson, sustained superior

performance; Anne Mae Kirkpatrick, outstanding performance rating with Q51; Marjorie I. Buffum, 5 yr. NWC; and Mary E. Waldron, sustained superior performance. Missing from the picture is Estela Q. Paine who received an outstanding performance rating with Q51.

Females Can Cause Big Trouble Especially If They're Hurricanes

Arlene... Beth... Chloe... Doria. Edith—One or more of these names may make history this year. For they are lead-off selections among 21 names chosen for the 1971 crop of hurricanes in the Atlantic, the Caribbean and the Gulf of Mexico.

The custom of using women's names for hurricanes is an old one, dating back to 1953 in the North Atlantic and even longer in the Pacific. Although the practice has been criticized recently by crusaders for women's rights, some of whom consider it derogatory, forecasters say that on the whole the public finds it a quick and effective way to focus attention on approaching storms.

"We intend no slur on women," says Weather Service Director George P. Cressman. "In fact quite the opposite. Hurricanes are among the most awesome forces in nature. No other storms equal them in combined strength, length of life, and power. Forecasters regard them with great respect."

Dr. Robert H. Simpson, director

of the National Hurricane Center in Miami, Fla., reports: "Never a year goes by but what I get literally hundreds of letters on our system of designating hurricanes. Most of them are from women, usually asking for a hurricane to be named after them. The last poll we took turned out 20 to 1 in favor of the practice."

Feminization of typhoons and hurricanes began during World War II, when forecasters were plotting the movement of great storms across vast theaters of war. Names such as Annie, Belinda, and Cora were much easier to remember than mere numbers or geographical coordinates. A storm with a girl's name had personality; you remembered it—stayed alert.

George R. Stewart's novel "Storm," characterizing "Maria" as a lady of fierce and majestic temperament—someone to be reckoned with—also did much to imprint the practice on the public imagination.

Since then, great storms such as Hazel, Carol, Betsy, Carla, and

Camille have become a part of the American heritage. Their names are history, and carry a fundamental message to mankind: "Ignore us at your peril."

Dr. Simpson explained that the selection of names in the list was made without reference to any particular individual. Names beginning with Q, U, X, Y and Z are not included because there are few of them and they frequently are hard to pronounce or write.

The names chosen for use in June through November of 1971 are: Arlene, Beth, Chloe, Doria, Edith, Fern, Ginger, Heidi, Irene, Janice, Kristy, Laura, Margo, Nona Orchid, Portia, Rachel, Sandra, Terese, Verna, and Wallis.

Why Hurricanes Are Named
Experience shows that the use of girl's names, in written as well as in spoken communications, is shorter, quicker, and less subject to error than the older, more cumbersome latitude-longitude identification methods. These advantages are especially important in exchanging detailed storm information between hundreds of widely scattered stations, airports, coastal bases, and ships at sea.

The use of easily remembered names greatly reduces confusion when two or more tropical storms occur at the same time. For example, one hurricane can be moving slowly westward in the Gulf of Mexico, while at exactly the same time another hurricane can be moving rapidly northward along the Atlantic Coast. In the past, confusion and false rumors have arisen when storm advisories broadcast from one radio station were mistaken for warnings concerning an entirely different storm located hundreds of miles away.

New Course To Be Offered On Mythology

A new English course in classical mythology will be offered this fall at the Desert Campus of Bakersfield College.

The class, which is listed as English 28, Classical Mythology, will be taught on Monday and Wednesday evenings from 5:20 to 6:50 p.m. Instructor of the course will be Evelyn Cox.

The course is designed to acquaint the student with Greek and Roman myths and to consider the many various ways these myths survive in our culture today.

The structure of our universe has been given names derived from mythology: Mercury, Venus, Pluto, Uranus; Constellations: Orion, Pegasus, Parseus, Centaurus; Space vehicles: Nike; Vocabulary: chaotic, titanic, geology, cereal, olympian; anatomy: Achilles' tendon.

But the primary importance of mythology is for those students interested in a better knowledge of literature. Writers such as Chaucer, Shakespeare, Marlowe, Milton, Swift, Wordsworth, Byron, Shelley, Keats, Hawthorne, Tennyson, O'Neill, Joyce, Shaw, Yeats, Eliot, Pound, etc. have employed classical mythology in their writings.

The prerequisite for the course is English 1A.



NEW VX-5 OFFICER—Ensign James Bohannon has recently taken over duties as VX-5's Maintenance Control Officer and Line Division Officer after completing Officers Candidate School and Aircraft Maintenance Officer School in Memphis. A graduate of California State Polytechnic College (Pomona) Ensign Bohannon worked with McDonnell-Douglas on the F-111 program before entering the service. He currently resides in the BOQ.

New State Law Says Hunters Must Pass Test

A new California law requires that hunters must take and pass the National Rifle Association Safety Course before they will be permitted to purchase a California hunting license this year if they have never been a California resident, or have never had a California hunting license.

The course, which is free, consists of four (4) classes, to be held as follows: Aug. 13, at 7:30 p.m. at the indoor archery range (located behind the Supply Salvage Yard and next to the Dumpster contractor shack, on the way to NAF); August 15 (Sunday)-meet at Triangle Sport Shop, outside Main Gate, at 7:30 a.m. Group will then proceed to rifle range for rifle practice; August 16, at 7:30 p.m. at archery range-bow and arrow practice; August 17, at 7:30, at archery range-written test.

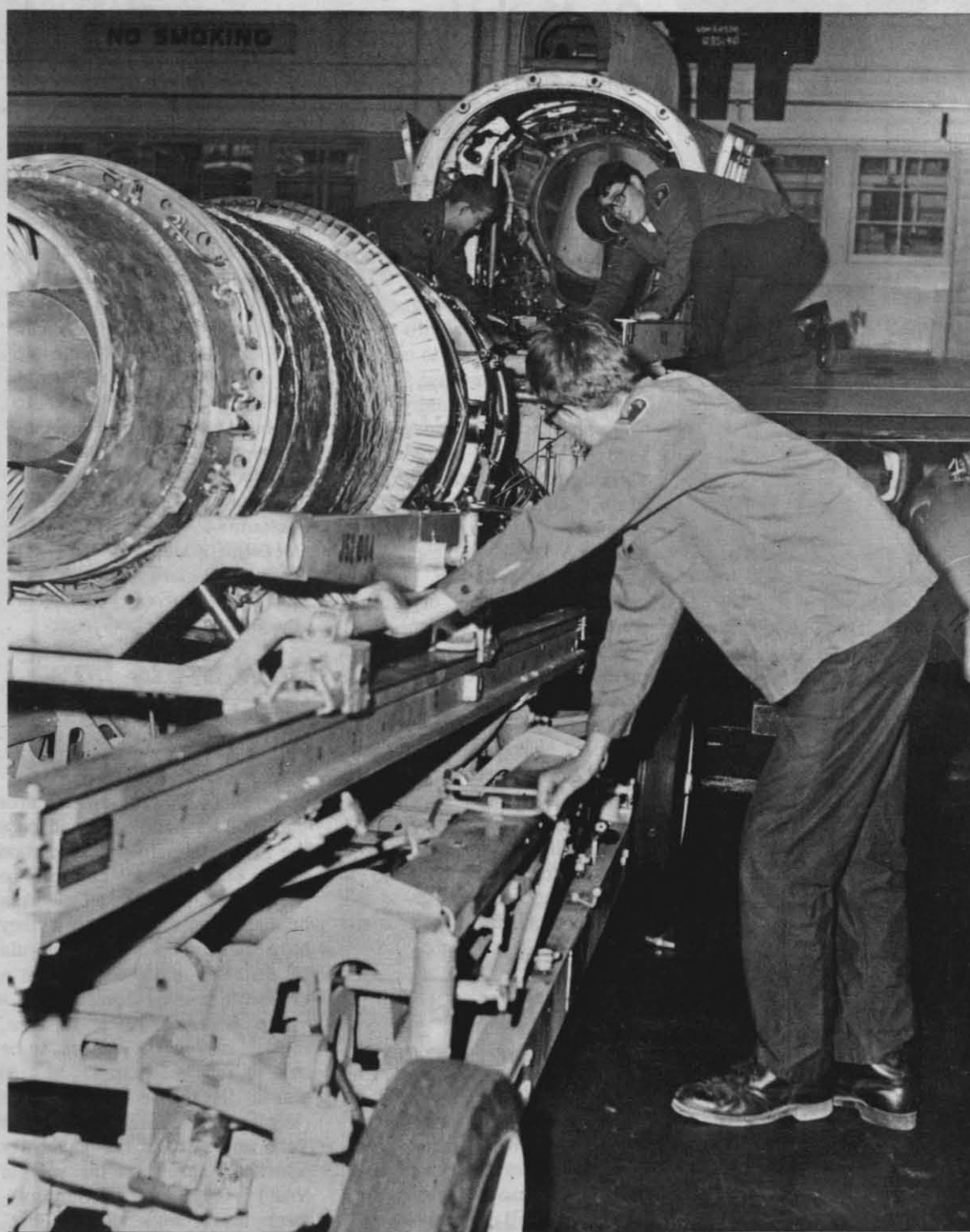
Applicants must take complete course (all four classes) to qualify for purchase of hunting license.



CLARK PROMOTED—Less than a month after he reported to VX-5 from the Staff of Commander Carrier Division 5 in the Western Pacific, Dale Clark received the gold oak leaves symbolic of his promotion to Lt. Commander from VX-5 Executive Officer Cdr. Bert Creighton. A Naval Flight Officer with nine air medals to his credit, Lt. Clark is the squadron's Electronic Warfare Technical Assistant.

(Photo by PH1 D. L. King)

Local Sea Cadets Receive Specialized Training In Shorebased Activities At VX-5



CADETS LOAD JET ENGINE—A jet engine to an A-4 aircraft (repaired the previous day by VX-5 sailors and the Cadets) is remounted in the fuselage of the aircraft during part of the 5-day training program held at VX-5 this week.



READYING TERS FOR DELIVERY TO THE LINE—A Sea Cadet and a VX-5 sailor load a truck (not shown in photo) in preparation for mounting ECM Beacon Pods on A7E aircraft.

(Continued from Page 1)

China Lake.

They are permitted to wear the Navy uniform (fitted with special Naval Sea Cadet Corps insignia and marking), and pursue a Navy-prescribed curriculum for E-1, through E-5 ratings.

The VX-5 Naval Sea Cadet Corps Squadron (as it is designated), currently in the process of forming includes seven volunteer officers: George S. Burdick, who serves in the squadron with the rank of Cdr., is the acting Commanding Officer; William Grafeman, Executive Officer; John Cissne, Administrative Officer; Jay Martin, Operations Officer; Thomas Griffith, Training Officer; Jeanne Welsh, Personnel Officer; and Laura Patton, Supply Officer.

The group was initially formed March 16 and the 12 Cadets who successfully completed recruit training had previously passed all the requirements and examinations for E-2 ratings, issued by LCdr. Carl E. Richno, new Communications Officer, who is the NWC-NSCC Liaison Officer. Ten of this group are now preparing for their first Fleet exercise aboard the USS Paul Revere on its scheduled mission to Vancouver B.C. in early August.

Two weeks of shorebased training is required of every Cadet before he is permitted to participate in Fleet exercises. In addition, the Cadet must also have completed his 15th year. Currently, six other eligible Cadets are preparing for the E-2 examination. Such E-2 training requires each Cadet to understand proper courtesies for boarding and leaving ship, fundamental training in squadron movement, basics of Navy organization, recognition of Officer rank and enlisted rates and instruction on care of clothing and

lockers, drill formations, recruit watches, customs and traditions of the service, standards of conduct, damage control, and first aid. They also learn aspects of water safety, shipboard compartments, firefighting and disaster recovery.

Shipboard training includes participation in regular enlisted duties on scheduled and carefully monitored tours of duty. The thrust of this activity is to develop the traits of character valuable to themselves and the Navy, thereby exposing them to the Navy life so that they may, if they choose, elect a Navy career with real knowledge of its value and function.

On these pages of this issue of THE ROCKETEER, Cadets are shown supplementing their regular once-a-month training by working with regular duty crews at VX-5 on a 5-day active duty tour sponsored by VX-5 officers and enlisted men during the summer months. During this special program the young men work with ordnance, electronic and mechanical crews on the Center.

The idea for forming a Sea Cadet unit began more than year ago when the IWV Council of the Navy League (headed by Burke West, president) appointed a committee to look into the matter. Formation activity began on October 19 with the formal appointment of Robert K. McKnight as Committee Chairman. This committee visited the local schools and gave speeches, talks, demonstrations and interviews to more than 1,600 young men, arranged mostly by Archie D. Meyer, Executive Director of the Committee.

With the appointment of LCdr. Richno in January, the unit began to grow. Much of the basic training programming has been outlined by LCdr. Richno, in conjunction with Cdr. Burdick.

**Photos By PH3
Ronald Gray Mills**



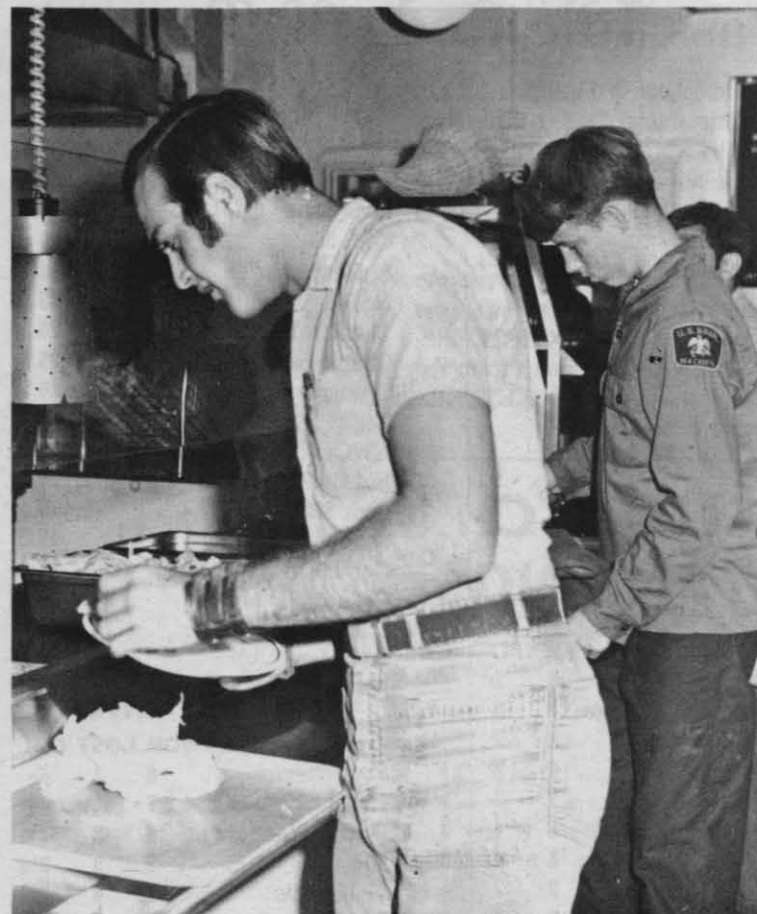
PREPARING TO HOIST A RACK into place, Cadets and VX-5 linemen work jointly to accomplish the goal. In such instances, Sea Cadets learn valuable lessons in teamwork and also learn to take pride in doing a job right.



A CADET INSTALLS a safety pin in the BRU 10 Ejector Rack prior to mounting a ECM Beacon Pod on an A7E aircraft. This pin prevents the Pod from being fired accidentally while the aircraft is on the deck. Once the aircraft is readied for flight, the pin is removed.



A CADET LOOKS OVER the cockpit arrangement on an A7E aircraft at VX-5. While at VX-5 the Cadets were indoctrinated in the handling of ordnance, and received instruction in electronic and mechanical maintenance by VX-5 officers and enlisted men.



NAF MESS FACILITIES were used by the Cadets along with men from VX-5 and NAF for their meals while undergoing the training program at VX-5.



READYING AN A7E WITH A BEACON POD—Cadets and VX-5 ordnance crew members load an ECM Beacon Pod on an A-7E aircraft at VX-5. Cadets received instruction on mounting, handling and readying all types of ordnance during the 5-day seminar.



CHOW LINE CHECK-IN—Cadets sign up for chow full day each day for the 5-day training session as if they were on active duty in the regular Navy.



CADETS RECEIVE INSTRUCTION—Bob McKnight, left, Committee Chairman of the IWV Council Navy League Sea Cadet committee, instructs Cadets in the proper way to conduct themselves during their 5-day tour at VX-5.