

HISTORIC MOMENT — Those attending the National Engineers' Week banquet on Thursday, Feb. 24, at the Enlisted Mess will hear a talk by Robert Maguglin on the "Spruce Goose Story," the aircraft pictured above just as it was about to take off on its only flight. The evening begins with a social hour at 6, and dinner at 7. Tickets purchased prior to Feb. 22 are \$9, while at the door they will be priced at \$10 each.

Whiskey Flat Days celebration set in Kernville this weekend

Whiskey Flat Days will bring a taste of the old west to Kernville and its surroundings this weekend.

Activities have already begun and will continue with a "political rally" tonight at Odd Fellows Hall where Honorary Mayor candidates will try to sway support for their candidacies at 7 p.m., with entertainment provided by the Whiskey Flat Can-Can Dancers, Sweet Adelines, and a western band. A modest admission fee will be charged.

Tomorrow's activities include an art show at the Pala Ranches Motel, the opening of the Kern Valley Historical Society Museum at the Kernville Community Building, a parade at 11 a.m., a tour of the Bull Run Mine at 1 p.m., conducted by Ardis Walker, and a rodeo.

At 2:30 p.m., the Whiskey Flat Jubilee

Enlisted Mess serves

breakfast on week days

Anyone who enjoys a good breakfast, but lacks the energy or determination to get one at home, will welcome a new service of the Enlisted Mess.

Since last Tuesday, the Enlisted Mess has been serving a complete breakfast menu, including pancakes, eggs, and a variety of breakfast meats, between 6 and 7:30 a.m. on week days.

How time flies . . .

This week's "Remember when . . ." column personality is Dick Rivers, who is one of two assistant fire chiefs in the Fire Division of the NWC Safety and Security Department.

From a trainee firefighter, he moved up the ladder to become a journeyman and then fire truck driver-operator before becoming a lieutenant in charge of one of the aircraft crash rescue vehicles at Fire Station 3 in the early 1970s.

His next move was into the field of fire inspection and, for three years, Lt. Rivers was responsible for training in the areas of fire prevention and fire inspection. This training was aimed at preparing firefighters to handle anything from an aircraft fire to a blaze in a major building.

Prior to being promoted to his present position of assistant fire chief in April 1977, Rivers was a fire captain at Fire Station No. 1, where he was responsible for all of the equipment and personnel.

Now, as an assistant fire chief, he rotates shifts with his counterpart, and is responsible on alternate shifts for the personnel and equipment assigned to the fire stations.

Rivers and his wife, Karen, have three daughters and a son, ranging from 6 to 13 years of age. When time permits, the family enjoys fishing in the Lake Isabella area.

stars Dana Plato (from TV's "Different Strokes") and her musical review. Admission to this stage show at Kernville Elementary School is \$5. The evening concludes with a western band playing at Circle Park.

Sunday's activities include a breakfast with the artists and public art auction at Kernville Elementary School; and a parade, a contemporary Christian rock concert, walking tour of relocated houses, and the rodeo, all beginning at 1 p.m.

Both Saturday and Sunday will also feature whislerino contests at Circle Park; and duck racing, frog jumping, and plug casting contests at Riverside Park.

Monday's activities include plug casting at Riverside Park, a pet parade at 10 a.m. in Circle Park, finals of the duck races at 11 a.m., and the finals in the frog-jumping contest at 1 p.m.

Geology, seismology of Eastern Sierra, IWV, subject of talk

A repeat presentation of a talk on "Geology and Seismology of the Eastern Sierra and the Indian Wells Valley" has been scheduled next Wednesday, Feb. 23, starting at 7:30 p.m. at the Burroughs High School lecture center.

The speaker will be Dr. Pierre St.-Amand, a geologist and geophysicist, who is a consultant to the NWC Technical Director.

This program, which is open to the public, is sponsored by the Maturango Museum. The talk by Dr. St.-Amand was presented initially at the museum's annual banquet held in January.

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Work of well-known artist to go on display at museum

The Sylvia Winslow Exhibit Gallery at the Maturango Museum has scheduled June Felter, a prominent San Francisco Bay and internationally exhibited artist, for an exhibit from Feb. 24 to April 11.

A reception at the museum gallery will honor the artist on Sunday, Feb. 27 from 2:30 to 4:30 p.m., to which the public is invited.

Mrs. Felter has worked in many expressive areas, such as etchings, watercolors, acrylic, pastels, oil paintings, portraits, and sketch drawings.

For approximately 30 years the artist has taught university extension and college courses in art. Her works have been added to the collections of large industrial corporations, banks, universities, and art museums.

The theme of the upcoming art exhibit is "At Home and Abroad." Mrs. Felter has traveled to China, Japan, France, Germany, Austria Czechoslovakia, Scandinavia, the Caribbean, India, Nepal, Sri Lanka, Africa, the Middle East, the Hawaiian Islands, and throughout much of the United States and Canada.

Even while traveling to distant lands, the artist has kept her palette and paints close at hand.

Commissions on the sales of paintings will benefit the Maturango Museum, which is open on weekdays from 1 to 5 p.m., and on weekends from 2 to 5 p.m.

Military wives gp.

to show film about seat belts for kids

A motion picture film that emphasizes the importance of proper utilization of vehicle seat belts or restraints (particularly by young children) will be presented on Tuesday morning in the East Wing of the All Faith Chapel.

The program is one that has been arranged by the Military Officers' Wives Club, whose members have extended an invitation to all military dependent wives to join them at 9:30 a.m.

The award-winning film "Room to Live" will be shown by Raymond Hunt, Division Safety and Security Coordinator for the Continental Telephone Co. in Victorville.

Outlined in the film are some of the tragic events that led to the passing of new legislation in California which now requires approved restraint systems for children riding in automotive vehicles.

In addition, information will be given on where and how infant seat restraints can be purchased through the Navy Exchange system.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
(R) RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI. WED. FEBRUARY 18, 23
"THE PIRATE MOVIE"
Starring
Kristy McNichols and Christopher Atkins
(Musical/Comedy, rated PG, 99 min.)

SATURDAY FEBRUARY 19
"MONTY PYTHON LIVE AT THE HOLLYWOOD BOWL"
Starring
British Comedy troupe
(Comedy, rated R, 81 min.)

SUNDAY FEBRUARY 20
"STAR TREK: THE MOTION PICTURE"
Starring
William Shatner and Leonard Nimoy
(Adv./Drama, rated G, 132 min.)

MONDAY FEBRUARY 21
"PARASITE"
Starring
Robert Claudine and Demi Moore
(Horror/Drama, rated R, 85 min.)

New manager at COM plans to improve on type of food offered

Rolf Glaser, who until recently was executive chef of the Tucson (Ariz.) Country Club, is the new manager of the Commissioned Officers' Mess.

Glaser, whose specialty is preparing main course gourmet dinners, is a native of Germany and has had 25 years of experience in the hotel and restaurant business.

After majoring in food preparation at a Hotel and Restaurant School in Stuttgart,



Rolf Glaser
Germany, he completed his apprenticeship in Germany before working for a year in Switzerland.

He followed his trade on this side of the Atlantic by working first in Montreal and Toronto, Canada. Since coming to the United States in 1967, he has been employed "everywhere from Michigan to Hawaii," he says.

His cooking skills have been enjoyed by patrons of fine eating establishments in Las Vegas, at the Sheridan Waikiki in Honolulu, as well as at Pebble Beach (Monterey, Calif.) and at the Montecito Country Club in Santa Barbara.

Glaser's plans are to offer a better type of food at the COM, bringing it up to the standards that he feels are expected of an Officers' Club.

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From: _____

To: _____

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Community Ctr. use for public events to end

The days of the Community Center being utilized as a place for social events, ranging from art shows, Gem and Mineral Society exhibits and the WACOM Holiday Bazaar are now a thing of the past.

Fortunately, however, clubs and organizations that have enjoyed the use of the Community Center for such purposes may turn to the various military clubs (the COM, CPO Club and the EM), or stage such events at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

The latest turn of events to have an impact on the use of the Community Center is the pending start of construction on the Production Support Laboratory that will be built at the northern end of the Michelson Laboratory compound.

Awarding of a contract for this work is expected momentarily (and may already have happened as this week's issue of the Rocketeer goes to press).

One of the first things the successful bidder will have to do will be to remove the two most westerly AEC trailer complexes (Nos. 2 and 3) in order that work on the Production Support Laboratory can get underway at that location.

This, according to Jim Fath, the Center's Space Resources Manager, has set into motion a double move that involves the relocation to Michelson Laboratory from AEC trailers No. 2 and 3 of the Secure Telemetry Program Office (Code 64204), the Telemetry Systems Branch (Code 6424), and the Telemetry Technology Branch (Code 6423).

The above-named groups will be moving into space on the second deck of Michelson Laboratory that has, for some time, been occupied by personnel and equipment of the Technical Information Department's Video Projects Office (Code 3404).

It is the personnel of Code 3403 who will be moving into the Cactus Room of the Community Center, where the high ceilings will be an asset to those involved in video productions.

Since last December, the STAFS (Standard Automated Financial System) Project Office of the Office of Finance and Management has occupied the Joshua and Yucca Rooms at the Community Center, and will continue to do so.

In addition, the Ticketron service and a branch office of the Recreation Services Department will remain at their present location in the Community Center, as will the Personnel Support Activity Detachment (PSD), which occupies the east side of the Community Center and has done so since last April.

Maj. John Paul Bland, USMC, was the recent recipient of the Navy Commendation Medal for his outstanding performance of duty as operational test director for Air Test and Evaluation Squadron Five (VX-5). The medal and citation that accompanied it were presented to Major Bland by Capt. P. F. Hollandsworth, Commanding Officer of VX-5, acting on behalf of Rear Admiral C. A. Easterling, Commander Naval Air Force, U.S. Pacific Fleet.

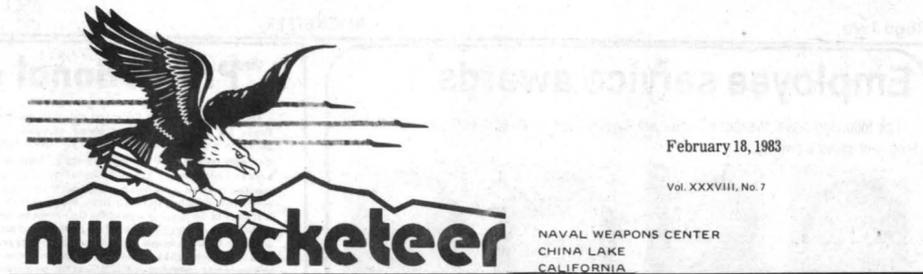
Major Bland was commended for maintaining the schedule on a major program within one week of the desired times, while holding down costs by 25 percent of the estimates, and preserving the vital independence of testing.

As a test monitor during the operational evaluation of the F/A-18 Hornet aircraft, he was cited by the Commanding General of the 3rd Marine Air Wing for "his superb leadership and management in spite of high sortie rates, oppressive heat, complex mission scenarios and live ordnance operations at low altitude."

Test flights were made from airfields at Yuma, Ariz., and Fallon, Nev., as well as from the Naval Air Missile Test Center at Point Mugu, and from the deck of the aircraft carrier USS Constellation during operations off the southern California coast.

During the period from August 1980 to October 1982, Major Bland contributed significantly to VX-5's operational evaluation of the F/A-18 aircraft, its major weapons systems, and the development of tactics for utilization of the weapon systems, it is further noted in the citation that he received.

A veteran of 15 years of active duty in the Marine Corps, Major Bland was transferred to China Lake from Marine Attack Squadron 311 at the El Toro Marine Corps Air Station in Santa Ana, Calif. Assigned initially to NWC's Marine Corps Liaison Office, he joined VX-5 2½ years ago.



February 18, 1983

Vol. XXXVIII, No. 7



SINGULAR HONOR — On hand to share in the special recognition accorded by the Association of Old Crows (AOC) to a group of Naval Weapons Center employees were (l.-r.) Robert Corzine, head of the division whose personnel were in the forefront of the effort to develop an interim radar warning receiver for a large number of Fleet Avionics Branch. — Photo by Rebecca Gill

Centerites receive award based on their expertise in field of electronic warfare

A Gold Certificate of Merit, sponsored by the Association of Old Crows for expertise in the area of electronic warfare, was presented during the Commander's meeting held Monday morning in the Management Center of Michelson Laboratory.

The award, which recognized the highly successful effort that went into devising a low-cost, interim radar warning receiver that could quickly be installed in a large

Commendation Medal received by VX-5 operational test director

number of Fleet aircraft, was presented by Capt. Lahr.

The recipients of this honor, which was earmarked for the Electronic Support Measure Section of the Electronic Warfare Department's Avionics Branch (Code 3523), included employees not only in Code 35 but also in the Engineering Department.

On hand to share in this special recognition were Robert G. Corzine, Larry L. Luxton, Phelps TerHeun, Richard A. Zinke, and Clifford E. Hauser, Jr., all of the Electronic Warfare Department; and Charles C. Combs, of the Engineering Department.

The program to develop an interim detector was initiated in response to a request from the Naval Air Systems Command for radar warning receiver equipment with standoff capability to provide the necessary warning against a particular threat.

NAVAIR asked the Naval Weapons Center to see if there was a viable, low-cost means of quickly introducing hardware into the Fleet that would meet this need.

The basic approach was to investigate the possibility of modifying off-the-shelf equipment. Less than a month after the request, 17 engineering development model receivers that incorporated modifications necessary for Fleet use had been fabricated, and the test and qualification efforts were started.

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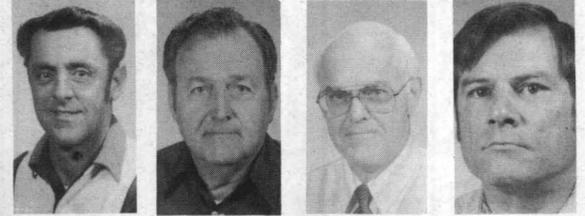
CONGRATULATIONS IN ORDER — Capt. P. F. Hollandsworth, Commanding Officer of VX-5 (at right), presents the Navy Commendation Medal to Maj. John Paul Bland, USMC. As the VX-5 operational test director of VX-5, Major Bland was commended for his significant part in the operational evaluation of the F/A-18 Hornet aircraft that was carried out by VX-5.

Employee service awards

The following Naval Weapons Center employees have received federal service or NWC length-of-service awards:



Ralph L. Bauer 30 yrs. Fed'l Service Code 3301, Donald D. Mumford 30 yrs. Fed'l Service Code 2636, Odell E. Braun 25 yrs. Fed'l Service Code 6211, Louis I. Dill 25 yrs. Fed'l Service Code 3553



Ronald R. Vigneault 25 yrs. Fed'l Service Code 3682, Charles R. Oldfield 25 yrs. Fed'l Service Code 3305, Gary W. Davis 25 yrs. Fed'l Service Code 624, Larry D. Lamb 25 yrs. Fed'l Service Code 3555

Seabee Reservists involved in varied projects during ACDUTRA

The first of three groups of Seabee Reservists from the 1st Reserve Naval Construction Regiment arrived at China Lake last Saturday for two weeks of active duty for training (ACDUTRA). This first contingent is composed of 45 Seabee Reservists from China Lake Detachment 0217, Detachment 0717 of Bakersfield and Detachment 0417 from Las Vegas. LCDr. Tim Morton, from Bakersfield, is the officer-in-charge, and EOC Cy Ebersberger, head of staff in the NWC Office of Finance and Management, is the assistant O-in-C. During this annual training session, the Seabee Reservists will be involved in a number of construction projects that will range from such things as building sun-

shades for motorcycles in the BEQ parking lot, to making repairs at the stables. Other projects include the installation of a drain pipe system and the construction of a bridge at the China Lake golf course, new dugouts at Michelson Lab, and the building of a rapid fire gun test range in the Propulsion Laboratories area. A 10-man paving crew will be arriving on Feb. 21 and remain through March 4 to handle the blacktopping of bicycle paths along Sandquist Road out to Armitage Airfield and also along South Knox Road. In addition, a second contingent of 45 Seabee Reservists (this one from San Diego) will be on board from Feb. 28 to March 11 to put the finishing touches on the wide variety of work that is planned.

Rec. facilities open on holiday

Table with 3 columns: Facility, Hours, and specific times. Includes Bowling Alley and Snack Bar, Youth Center-Skating Rink, Center Theater, Gymnasium, Indoor Pool, Lap Swim, Open Swim, Golf Course, Golf Course Snack Bar, Camping Issue, and Navy Exchange Mini-Mart.

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake, California. Includes contact info for Captain J.J. Lahr, B.W. Hays, Dennis Kline, Don R. Yockey, Mickey Strang, and PH1 Benita Telraut. Also includes a logo for the Naval Weapons Center.

Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

Announcement No. 00-019, Administrative Officer, DP-341-3/4, PAC No. 82-00-594, Code 032 - This position is the Laboratory Administrator in the Laboratory Directorate office and functions as the principal management consultant/advisor to the Laboratory Director/Deputy Technical Director (03/01A). Incumbent identifies administrative and management problems within the scope of the Laboratory Directorate and recommends alternatives. Incumbent structures report requirements for the directorate, develops policies and procedures for NWC Bids and Proposals Program, and represents the directorate at high level meetings. The incumbent is the chairperson for the Department Staff Assistant's Council (DSAC) and functions as the principal administrative/management advisor for the Departments. The incumbent establishes agendas for the Center Planning Board (CPB) and participates in generating the Center's long range (corporate) plan, directs manpower/budget planning on behalf of the Deputy Technical Director; other duties include providing ad hoc support to the Office of the Technical Director and the preparation of the directorate overhead budget. Job Relevant Criteria: Ability to exercise originality and initiative in solving management problems related to research and development organizations; ability to establish administrative and management policies and guidelines; ability to meet and deal with personnel on and off-center; ability to communicate effectively verbally and in writing.

Announcement No. 35-125, Computer Specialist, DP-334-3, PAC No. 833519E, Code 3511 - This position requires computer system engineering to be provided by a Computer Specialist in support of the Highspeed Anti-Radiation Missile (HARM) Software Support Activity (SSA). This effort is staffed from the Computer and Software Systems Branch, with project responsibilities also including software tool development, software project management, and software technology development. The incumbent is responsible for engineering of computer aspects of the Software Support Facility for this SSA. This includes computer programming and testing, development and testing of subsystems incorporating a small computer, and coordination of a major multiple-VAX facility. The incumbent would be responsible for project definition and planning of components of the SSF, such as avionics simulators, data reduction interfaces, etc. He or she would also be responsible for implementation and user support for production usage of the SSF. Branch hardware and software development guidelines are routinely used. The user environment includes numerous software engineers involved in various aspects of project development emphasizing structured analysis and design. Emphasis is placed on tools for productivity enhancement. Hardware includes multiple VAX processors augmented by supermicros where required. Job Relevant Criteria: Ability to use a professional engineering approach to the development of computer hardware; experience in designing, building, and testing structured digital hardware systems; ability to write user manuals and document digital designs; programming experience required; and ability to work as a team member.

Announcement No. 00-020, Interdisciplinary position, all series, DP 3/4 - The Navy Science Assistance Program is soliciting for candidates for the position of EW Consultant to the Commander, Third Fleet (Duty Station - Honolulu, Hawaii). As consultant for EW systems, the major duty and responsibility will be that the individual be concerned with programs relating to the EW aspects of naval warfare. This will encompass technical aspects of ships, submarine, aircraft, and stand-alone weapon and sensor platforms and systems. It also includes a management knowledge of the weapons systems acquisition process. The scope of the work can range from the better utilization of existing equipment in the fleet by ships' personnel to initiation of research projects leading to eventual development of new major modifications of systems. The incumbent will utilize the resources of the Navy Labs/Centers, operating forces, and scientific personnel on temporary assignment from various Navy Labs/Centers to accomplish these goals. The incumbent will either personally, or by initiation of project to be conducted by any of the above mentioned groups, accomplish the following tasks: (a) Recommend to the local Science Advisor and the Director of NSAP, critical technical problems which should be solved either under the sponsorship of NSAP or through other RDT&E channels. This includes the identification of potential improvements to existing equipment of the development of new concepts or tactics. (b) Advise the Command on technical developments relating to the future of naval warfare. (c) On the basis of analysis, assist in developing improved tactics and advise on methods of improving utilization of assigned fleet resources, and (d) Monitor current programs being conducted for tactical and data gathering purposes under the cognizance of the Commander and advise the military staff on the adequacy of scientific talent assigned to each program.

Announcement No. 25-001, Shipment Clerk (Household Goods) GS-2134-5 PD No. 7229364N, Code 2544 - This position is located in the Supply Department, Supply Operations Division, Traffic Branch. The function of this position is to compile and process documents for the shipping and storage of household goods and personal property belonging to military and civilian DoD personnel. Incumbent conducts interviews to determine eligibility for ship at Government expense; provides counseling regarding entitlements and claims, and contracts for packing and crating of goods. Job Relevant Criteria: Ability to use tact and diplomacy in dealing with both on and off center personnel; ability to work well under pressure and adjust easily to organizational program and procedural changes; accuracy in record keeping and ability to work independently with attention to detail; knowledge of DoD regulations governing personal property shipments; ability to use and apply a variety of written manuals and instructions. Promotion potential to GS-6; however, promotion is not guaranteed.

Announcement No. 25-002, Computer Specialist or Computer Systems Analyst, DP-334-3 or DS-334-3, PAC No. 832529, Code 2512 - This position is in the Information Systems Branch of the Planning and Administrative (Continued on Page 7)

NSAP seeking Science Advisor post applicants The Navy Science Assistance Program is soliciting applicants for Science Advisor positions with Commander, Third Fleet (Duty station - Honolulu, Hawaii); Commander, Sixth Fleet (Duty station - Naples, Italy); Commander, Seventh Fleet (Duty Station - Yokosuka, Japan). As the Science Advisor to the Commander, the incumbent will be concerned with programs relating to all aspects of ship, submarine, aircraft, and stand-alone weapon and sensor platforms and systems. It also includes a management knowledge of the weapons system acquisition process. The scope of the work can range from the better utilization of existing equipment in the fleet by ship's personnel to initiation of research projects leading to eventual development of new or major modification of systems. The incumbent will utilize the resources of the Navy Labs/Centers, operating forces, and scientific personnel on temporary assignment from various Navy Labs/Centers to accomplish these goals. The incumbent of this position reports to several people for different aspects of work. He reports directly to the on-site Commander for the major functions performed. He is expected to identify and initiate action to resolve problems rather than getting any specific assignments or instructions. Because of the incumbent's expert knowledge of naval warfare, the incumbent is recognized and consulted by both military and civilian personnel in the scientific/military community. The incumbent's knowledge and experience in technical systems form the basis for exercising personal judgement. This, coupled with an analysis of information provided from many sources, provides the major guidance in performing the incumbent's work. As a representative of the Lab/Center community, the incumbent is responsible to the Director of Navy Laboratories through the NSAP Director. He is expected to keep the NSAP Director informed of significant matters of interest relating both scientific and tactical problems and the progress being made to solve them. The incumbent is administratively supported by the Navy Lab/Center from which he has been selected and reports for administrative and liaison purposes to the Lab/Center's Technical Director. Qualification Requirements: This position requires an incumbent with professional experience in research and development work related to ship, submarine and/or aircraft systems. The incumbent must be technically well-rounded and familiar with the combined capabilities of the Navy Lab/Centers. Work at the graduate level is desirable. A knowledge of the Navy's current state of work being done in research and development in this field by the scientific community is mandatory. The incumbent must have the ability to analyze problems and pose solutions of either a short or long range nature. The incumbent must be able to convince representatives of both research organizations and operating forces of the merit of projects proposed. Special Qualification Requirements for Third Fleet Position: This position requires a broad background in Fleet Anti Air Warfare. The individual should have an in-depth knowledge of both the surface ship and aircraft components of Fleet AAW and, ideally, have both laboratory development and Washington management experience. Special Qualification Requirements for the Seventh Fleet position: In addition to the general requirements above, the individual should be knowledgeable in operational communications equipment and procedures, or have a fairly strong background in ASW for both passive and active concepts and recent developments. Applicants interested in applying for these jobs or wanting more information should contact Len Gulick or Donna Gage, Code 01A2, Ext. 3793. An updated 171 is required and should be submitted to Code 01A2.

DIVINE SERVICES PROTESTANT Sunday Worship Service 1000 Sunday School 0830 ROMAN CATHOLIC Sunday Masses 0830 & 1130 Daily Mass (except Saturday) 1135 Sunday Religious Education Classes 1000 JEWISH Friday in the East Wing 1930 UNITARIAN Sunday, Annex 95, as announced 1930



NORTHERN AREA TOURNAMENT WINNERS - Members of the NWC Varsity basketball team hold the individual trophies and the team trophy they won for placing first in the Northern Area finals of the Southern Pacific Regional Basketball tournament played at the Long Beach Naval Station. The cagers are (kneeling, l.-r.) Jose Ojeda, Jeffrey Jenkins, Basil Robinson, Albert Hughes and Roger Menard, coach. Those standing are (l.-r.) Skip McInfosh, Isaac Walters, Sandy Smith (scorekeeper), Kent Daniels and Kevin Williams. Players unable to be present for the photo are Joe Esparza, Connie Reeder and Millard Bell.

JB's Pizza trips NWC Varsity in high-scoring tilt

Last week's action in the Open Division of the NWC/Ridgecrest Intramural Basketball League was highlighted by a high-scoring contest during which JB's Pizza defeated the NWC Varsity 113 to 74. Two 15-min. halves are played by teams competing in the Intramural Basketball League, and that's a lot of points for such a short span of time. The pizza burners led 52-34 at the half and, showing no signs of a letdown, poured 15 more points through the hoop in the last 15 min. of play. The game's top scorer was Connie Reeder, of JB's Pizza, who tallied 43, while the NWC Varsity was led by the 20-point scoring effort of Jeffrey Jenkins. In the only other Open Division tilt, Sierra Auto outscored Emhiser 57-50. Carl Noland chalked up 14 points in a losing effort for Emhiser. The Sierra Auto team's top scorer was William Blankenship, who had 12. Results of the four games played in the Recreation Division of the Intramural Basketball League were Uno Two 68, Butler Vending 49; Brews Brothers 38, PRC 25; Over-Hill Track Club Washington Birthday run slated Saturday Distance runners are invited to compete in the Over-the-Hill Track Club's (OTHC) ninth annual George Washington's birthday 8-mile race that will be held tomorrow morning. Registration for this event will be held at the Desert Empire Fairgrounds in Ridgecrest, starting at 9 a.m., and the runners will be on their way at 10 o'clock. Under the rules for this race, which call for a Portsmouth start, the slower runners (with the higher handicaps) will start first as a means of equalizing the competition. Handicaps will be based on age, sex and prior performance of the runners. There is an entry fee of \$3 per person, which is payable at the time of registration tomorrow morning. The runners will make two laps around a course that covers the flat lands in the vicinity of the fairgrounds. Medals will be awarded to the seven runners who have the fastest times (without handicap) and to the 10 with the best times including handicap. There also will be medals for the fastest trio of female runners and five more for the husband and wife teams that finish with the best times for the 8-mile run.



CHALK UP TWO - John Fry, of Burroughs, worked his way inside to tally this field goal for Burroughs in the BHS varsity win over the visitors from Saugus. Ready to snap up a rebound for the Ridgecrest team is Mike Bailey (No. 50). At right is Todd Tredick of the Centurions.

Buggy Bath keglers lose ground, still cling to league lead

Another crimp was put into the first place lead held by the Buggy Bath keglers during Monday night's Premier (scratch) League action at Hall Memorial Lanes. The league leaders were outpointed 12-8 in their matchup with the Killeen & Hutchison CPA squad. In spite of this, it was the ERI Hustlers who replaced the accountants in second place as they battered the Hideaway bowlers 17 to 3. High team game and high team series honors for the night were swept by the Killeen & Hutchison CPA keglers, who had scores of 1047 and 2860, respectively. Dick Furstenberg led the pack with a 669 series that included a 268 single game score. In addition, three Premier League bowlers came through with triple 200 series. Glen Collins rolled a 642 that was built on single game totals of 203, 233 and 206, while Aaron Kane's series included single game scores of 206, 218 and 201. High marks for consistency also went to Ralph Smith, whose triple 200 series was the result of single game totals of 215, 203 and 204. In addition to those already mentioned, others who topped the 600 series mark were Champ Pearman (619), Steve Zissos (614), and Chuck Rouland (613). Bowlers with single game scores of more than 220 were Pearman (244), Zissos (238), Hub Zimmerman (231), Rouland (226), Ernie Lanterman and Dave Stahlin (224), and Bob Branson (221).

Current standings in the Premier League are: Team Won Lost Buggy Bath 246.5 193.5 ERI Hustlers 241.5 198.5 Killeen & Hutchison CPA 238.5 201.5 National Car Rental 235 210 Elks Lodge 221.5 218.5 Hideaway 221 219 Raytheon Sideliners 214.5 225.5 Sports of All Sorts 207.5 232.5 Turner's Real Estate 206 234 The Place 173 267

Table with 3 columns: Team, Won, Lost. Lists various bowling teams and their scores.

Energy conservation tip

If you are considering buying a dishwasher, look for a model with air-power and overnight dry settings. These features automatically turn off the dishwasher after the rinse cycle. This can save up to 10 percent of your total dishwashing energy costs.

Opportunities . . .

(Continued from Page 2) Division, Supply Department. The incumbent analyzes the information-system needs of the Supply Department and its customers; proposes alternative ADP solutions along with necessary hardware, software, and cost information; prepares program specifications; designs test procedures; specifies computing standards; specifies hardware and software adequately for procurement and assists in the development of new systems. Systems are a part of the Center's Corporate Database. Interacts with the Office of the Director of Computing and Supply Department customers, particularly Code 26. Job Relevant Criteria: Ability to analyze large, complex systems. Ability to estimate costs and build cost models of complete computing systems including functions, software, and hardware. Ability to communicate well, both orally and in writing. Knowledge of Center ADP policies and standards. Knowledge of an experience with database systems, database management systems, and on-line, real-time information systems highly desirable. Announcement No. 31-090, Interdisciplinary, Electronics, Mechanical, Aerospace, General Engineer, Computer Scientist, Computer Specialist, DP-855/830/841/1550/234/2/3, PAC No. 831313, Code 3109 - Position is located in the Versatile Computing Systems (VCS) Program Office. Incumbent will be a member of a team of specialists who develop advanced, mini/microcomputer (software and hardware) based training systems; design digital/analog training devices and components; conduct requirements, feasibility and training system analyses as required for the design, development and implementation of advanced distributed data processing networks in support of various DoD agencies. By nature of the DoD agency, the incumbent utilizes technical judgement and expertise in performing analyses of scope and variety of hardware/software functions to be performed. The incumbent coordinates systems analysis, design and development, contract technical direction, reporting and documentation, and is responsible for the validity of the program/project. Job Relevant Criteria: Knowledge of automated training systems utilizing advanced and innovative mini/microcomputer design principles and techniques; knowledge of design principles relating to distributive computer processing regarding utilization environments and mini/microcomputer network system control; knowledge of computer and training systems associated with military oriented systems; demonstrated proficiency in systems analyses and mini/microcomputer systems design; familiarity with RST/E operating systems and PDP-11 series computer; ability to work as a member of a team; ability to communicate clearly and effectively, both orally and in writing. Ability to work under pressure.



Recreation roundup

Tryouts slated for youths interested in Pony League baseball

Tryouts for youths 13 and 14 years of age who are interested in playing on Pony League baseball teams this season will be held on Feb. 26 and March 5 at the Pony League field located across the street from the China Lake tennis courts.

Birth certificates are required as proof of age, and there is a fee of \$35 per player that must be paid at the time of registration for the tryouts.

The selection of players for each of the Pony League teams is slated March 14.

The above will clear the way for tryouts by youths 15 and 16 years of age who wish to play on Colt League baseball teams during the 1983 season.

Colt League tryouts will be held at 9 a.m. on March 19 and 26 at the Kerr-McGee field on South Downs Street in Ridgecrest.

SOFTBALL OFFICIALS SOUGHT

The call is out for persons who have prior experience and wish to work as officials during the spring-summer Intramural Slowpitch Softball League season.

League play is scheduled to begin the first week in May and continue on week-day evenings until the end of August.

Those interested are asked to make this interest known by calling Paul Baczkiewicz at the Center gym, phone NWC ext. 2334

SOCCER CLINIC PLANNED

Anyone interested in serving as a referee or coach for youth soccer is invited to attend a clinic to be held on Saturday, Feb. 26, at Davidove Field. Returning referees and coaches are also invited.

The clinic for referees will start at 9 a.m.; the coaching clinic begins at 12 noon.

No advance registration is necessary, but anyone seeking further information may telephone NWC ext. 2010.

MEN'S STEAM ROOM OPEN

Starting today, the men's steam room at the NWC gym will be available for use once again.

Workmen for Dave Motley Tile of Lancaster, sub-contractor on this job, were here on Tuesday of last week to re-install the flooring tile, and it has been "curing" from then until today prior to re-opening the steam room.

Burros girls to host Torrance team in CIF clash

Members of the varsity girls' basketball team at Burroughs High School more than held up their share of the Burros' basketball tradition last week by sweeping to their fourth consecutive Golden League championship.

The Burroettes, who finished the league season with a 9-1 record after polishing off their counterparts at Saugus High last Friday night by a score of 48-39, will begin CIF playoff competition tomorrow night at the BHS gym.

At this point in the 1982-83 season, the varsity girls' basketball team from Burroughs has an overall record of 21 wins and 2 losses.

The Burros girls, coached by Jack Clark, will host Bishop Montgomery High School from Torrance — a team that finished in third place in the Camino Real League — in the first round of CIF action.

Tip-off time is 7:30 p.m. Tickets can be purchased at the Burroughs High School office or prior to game time tomorrow night at the box office outside the BHS gym.

The varsity girls from Saugus were another soft touch for the Burroettes, who had wiped out the Centurions 56-25 in a matchup between these two teams on Jan.

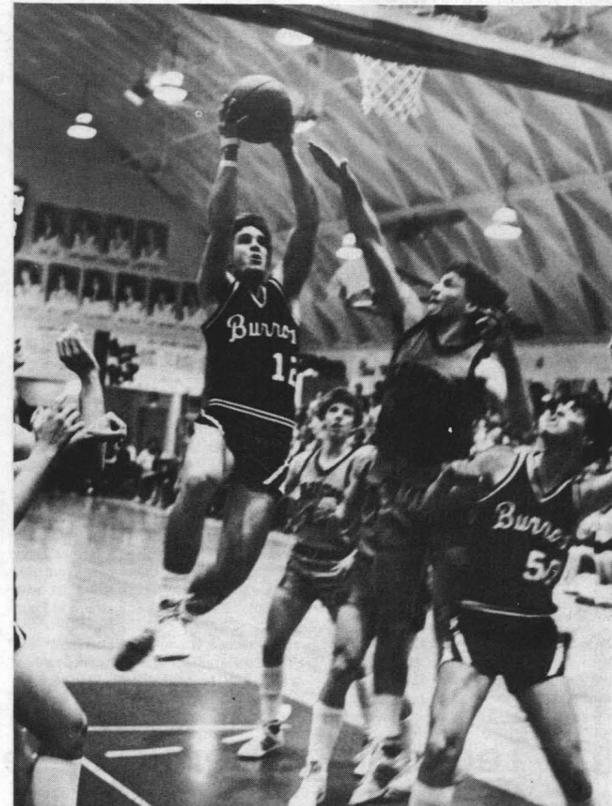
BHS boys tiff with Righetti in CIF playoff opener

Burroughs High School's boys' varsity basketball team, Golden League champions for the fifth year in a row, tonight will launch their quest for 1983 Class 2-A CIF honors by hosting the Righetti Warriors from Santa Maria.

Tip-off time will be 7:30 p.m. in the jam-packed BHS gym. Last year, the Burros made the trip to Santa Maria, where they defeated the Warriors 53-44 in a third round CIF game, and went on from there to win the CIF championship.

This year, Righetti placed second in the Northern League, while the Burroughs High cagers tied for the 1983 Golden League title with Saugus.

The Ridgecrest hoopsters, who had lost earlier in the season to Saugus Centurions 80-79, did what they had to last Friday night



DOWN THE GUT — Danny Means, stellar guard for the Burroughs High varsity boys' basketball team, takes the ball to the hoop with authority, as Mike Bunce, of Saugus, tries to block the shot. Means scored 22 points in the 63-58 win by the Burros over Saugus.

in order to earn a share of the league crown by handing a 63-58 defeat to the Centurions.

During the league season finale, played in the Burros gym, the Burros, sparked by the 8-point scoring effort of Daniel Means, got off to a 14-9 lead in the first 8 min. of play.

The Centurions effectively met the challenge, however, by hitting five field goals in the closing minutes of the second quarter to nudge ahead 23-22 at the halftime intermission.

Three field goals by Brad Gallagher, who found a spot on the floor in the forecourt and canned three jump shots in short order, sparked the Saugus rally.

The third quarter of play was a shoot-out in which the Burros had the best of it by a 2-point margin of 22-20 and began the final period of play with a scanty lead of 44-43.

John Fry contributed significantly to the BHS effort in the third period as he connected on four field goals — two of them rebounds of shots he missed on the first effort. In addition, Means came through with 6 more points, including a field goal at the buzzer that ended the third quarter and gave the Ridgecrest team its 1-point lead.

For the visitors from Saugus, the offense was carried by Frank Rowley and Chris Reese, who tallied 8 points each in the third period.

With the outcome of the game on the line in the fourth quarter, the Burros got started in the right direction on two field goals by Means and a pair of free throws by Mike Bailey. This boosted the BHS lead to 50-44 and created an additional problem for the Centurions, who now had five team fouls. This put the Burros in bonus situation at the free throw line whenever any additional infractions were called.

The Centurions weren't about to fade away, however, and succeeded in cutting the BHS lead to 52-50 with 2:25 left to play until the final buzzer. A pair of free throws by Reese, and a stolen ball turnover that Todd Tredeck converted into a layup for 2 more points again put the pressure on the Burros.

That turned out to be as close as the Saugus cagers were able to come to overtaking the Burros, who picked up 9 points at the free throw line in the last 2 min. of play to go along with a field goal by Bailey.

The clutch free-throw shooting was turned in by Bobby Bruce and Means, who hit 4 each before the final buzzer sounded and this, along with another freebie by Fry, was enough to offset the field goal shooting of the Centurions, who came up on the short end of a 63-58 final score.

This 9 for 10 effort at the charity stripe in the last 1 1/2 min. of play was part of a 17 for 20 performance by the Burroughs during the Saugus game.

High point man was Means, who had 22 on 9 field goals and a 4-for-4 effort at the free throw line. Other leading scorers for the Burros were Fry with 15, Bailey with 12, and Bruce with 8, including a 6-for-6 effort at the charity stripe.

Top scorers for Saugus were Rowley and Reese, who tallied 18 and 11 points, respectively.

Signups underway for spring season of youth soccer

Registration is now being held for the spring season of Youth Soccer League competition, which is open to boys and girls in the first through ninth grades.

There is a once-per-year registration fee that is a prerequisite for taking part in this or any other youth sports program sponsored by the Recreation Services Department.

Those who paid this fee in order to play soccer last fall, or in order to take part in any other youth sports program conducted by Code 22, are covered for a 12-month period.

For those who have not yet paid this annual sports registration fee, the charge varies as follows: for military dependents, \$6 for 1 child, \$9 for 2, or \$12 for 3 or more children from the same family; DoD dependents, \$10 for 1 child, \$15 for 2, or \$20 for 3 or more members from the same family; all others, \$12 for 1 child, \$18 for 2, or \$22 for 3 or more members of the same family.

In addition to the above, there also is a \$10 fee per player to cover the cost of soccer equipment and uniforms. Youngsters who took part in the fall season of the Youth Soccer League will not be required to pay the uniform fee again, but will be assessed an equipment fee of \$2 each.

Signups for youth soccer are being handled at the Community Center on weekdays from 8 a.m. to 4 p.m. during the period from now through March 11. The league season will begin on March 26, and games will be played on Saturdays through May 14.

The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

Civilian employee — I wonder why you can't increase the speed limit on Knox Road now that all of the houses are down, and there is no cross traffic there. This was done on the other streets when the old houses were removed.

ANSWER

Because South Knox is a primary access route to and from Vieweg School with lots of kiddies afoot and on bicycles. Also the road is narrow and there are lots of large slow moving vehicles entering and leaving the Public Works compound and contractor area. Finally, this is inadvisable because of the proximity of the soccer and softball fields where their usual traffic is big and little kids.

QUESTION

Capt. Lahr, I've just heard that Pan Am is cutting its janitorial service from five days to three. Technicians were working five days a week, and I was wondering if this isn't in violation of their contract, if it isn't fraudulent and/or in breach of contract? I would like a comment please. Thank you.

ANSWER

Pan Am is not cutting janitorial services from five days to three days on their own. The reduction is being considered by the Government and is due solely to budget restraints. If services are reduced, an equitable deductive change will be negotiated to reduce the Pan Am contract cost appropriately.

QUESTION

Military — Will there be a change of command in April?

ANSWER

Yes, there will! VP 46 will have one and so will NAS Oceana, but I can say categorically that the Naval Weapons Center will not. At least, I have not been told there will be one! If you know something I don't, please call NWC ext. 2201 and share.

Electronic warfare skills basis for award . . .

(Continued from Page 1)

Ground tests were conducted that included high level radio frequency (RF) burnout susceptibility testing; environmental tests such as thermal shock, random vibration, transportation shock, and crash safety; as well as safety analysis and worst-case stress reliability prediction.

More than 100 hours of flight tests were accumulated during performance evaluation using A-6, A-7, F-1 and F-14 aircraft, including 25 carrier qualification flights. Flight tests were conducted on electronic warfare ranges against realistic simulators of the actual threats. The units demonstrated performance in excess of the design requirements.

The entire test and evaluation program was completed within two months, and the appropriate supplement to the tactics manual was written. One year after the initial deployment of the interim radar warning receiver, no failures were reported. Later (after 22 months of deployment) only 11 of the 750 devices have been returned.

"The can-do attitude shown by the members of the Electronic Support Measure Section (Code 3523), and others involved in this project, as well as their combined talent, expertise and ability to work as a highly skilled team, were the ingredients that made the results seen in this effort possible," it was noted in the letter of nomination that was submitted for the award sponsored by the Association of Old Crows (AOC).

Larry Luxton heads the Avionics Branch in the Electronic Warfare Division, and, as branch head was primarily responsible for the overall accomplishment. He was joined by Robert Corzine, his division head, and others in sharing in acceptance of the AOC gold certificate.

Luxton controlled the funds for the project and made sure that the work was accomplished on schedule.

Phelps TerHeun, an electronics engineer in Code 3523, was the project engineer for the interim radar warning receiver. He evaluated and selected the best of eight different models of radar detectors from seven manufacturers, and then re-engineered it to meet Navy aircraft requirements. He also provided liaison with the Naval Avionics Center for production of the receiver.

Richard Zinke, an electronics technician

in Code 3523, was in charge of determining, after consulting with naval aviators in the Fleet, the best location for installing the radar detectors in the A-6, A-7, and F-14 aircraft. The detectors were not installed on the A-1, and F-14 aircraft, although they, too, were involved in the initial study.

Clifford Hauser, an electronics engineer in Code 3523, designed the ground support equipment — beginning with a commercial unit that was re-engineered to meet the need and one that would work satisfactorily over the wide range of environmental conditions encountered by the Fleet.

The ground support unit was then repackaged for use on board aircraft carriers, and one such unit was provided for each squadron in need of such a device.

Charles Combs, a mechanical engineer in Code 3604, designed the brackets that hold the radar warning receiver in place, and prepared the documentation to support his design for each of the various Navy aircraft in which it is intended for use. Combs' work included both safety and stress analysis aimed at insuring that the receivers were held securely in place.

Others not previously mentioned who were involved in this team effort were:

A. Dean Ehresman (now retired), who worked with TerHeun on the receivers. He designed the shielding that prevents the receivers from becoming inoperable in a high RF environment.

Richard A. Fowler, an electronics engineer, who designed a device that switches on a light to warn the pilot of an aircraft when the radar warning receiver detects a threat. He also worked on the voltage regulator assembly that reduces and filters the aircraft's 28-volt electric power supply down to 12 volts.

Dale Lane, an engineering data management specialist in Code 3523, who was responsible for the procurement of parts necessary for this project.

Robert M. Briley, a mechanical engineering technician in Code 3462, who made certain that fabrication of the brackets needed to install the radar warning receivers on aircraft was done on time and correctly.

Edward L. Kroupa, an equipment specialist (electronics) in Code 35403, who was responsible for quality assurance.

Linda L. Wincen, an electronics worker, who assembled the various components of the radar warning receivers in the Code 3681

Woman pilot at VX-5 headed for course at Navy postgrad school

Lt. Beth Hubert, who has been stationed here with Air Test and Evaluation Squadron Five less than a month, is definitely a short-trainee at China Lake.

In August she will report to the Naval Postgraduate School at Monterey as one of the first Navy officers to enter a new program that will lead to a Master of Science degree in Aeronautical Engineering.

This innovative program combines a year of academic work at the PG School, a three-month flight refresher program, and then 11 months of training at Navy test pilot school. On completing this training and successfully passing the evaluation, the Postgraduate School will consider that the test pilot training completes thesis requirements for the degree, which will then be awarded.

Lt. Hubert has a bachelor's degree in physical science and mathematics from Washington State University at Pullman, where she was working as a nuclear reactor operator on a research reactor owned by Battelle Northwest at the time that she was accepted into the Navy.

"Ever since I was in the first grade," she says, "I was interested in space flight, and I recognized early that the pilots in the space program were military pilots. The Navy had the heartiest welcome for a woman who wanted to become a military pilot, so that's the service that I chose."

In the 5 1/2 years that she has been in the



Lt. Beth Hubert
Navy, Lt. Hubert has accumulated more than 1,200 air hours. She's qualified in A-6s, among other aircraft, and is also carrier-qualified.

China Lake is a good place for two of Lt. Hubert's favorite spare time occupations — hiking and running. When weather keeps her indoors, she enjoys all of the varieties of needlework.

Renter's insurance advised for tenants of Navy housing

Residents of Center housing are reminded that they would be wise to carry renter's insurance to cover their property in case of a fire or other catastrophe occurring in their quarters.

Tenants are liable for damage occurring to quarters that they occupy if the damage is caused by their carelessness. Government liability insurance covers up to \$15,000 for loss to tenants' belongings if the loss is not due to contributory negligence on the part of the tenant.

A fire, which resulted in a substantial loss of the tenants' personal belongings, occurred last Sunday night at 1607 Nimitz Ave., China Lake.



IN EXCLUSIVE COMPANY — Two Navy enlisted men at China Lake recently joined the exclusive group of those who have qualified as plane captains of the F/A-18 aircraft. They are AMS3 Robert Stanard (at left) and ADAN Roger Etienne, who are assigned to the Aircraft Support Division of the NWC Aircraft Department. They became the Navy's 50th and 51st F/A-18 plane captains after an extensive 10-week period of training during the operational evaluation of the newest fighter aircraft in the seagoing service. AMS3 Stanard and ADAN Etienne are in charge of the pre-flight and post-flight inspections, the launching and recovery of NWC's two F/A-18 aircraft, as well as any transient aircraft of this type that may land and take off from Armitage Airfield.

Nurse practitioner, physicians' assistants provide skilled care

The skills of nurse-practitioner Beth Janish and Navy Physician's Assistants CWO3 Pam Childers/Polley and CWO4 Dale Day improve the medical care that is offered by the Naval Regional Medical Center branch clinic at China Lake.

Mrs. Janish is the clinic's Occupational Health Officer, and the two Physician's Assistants provide general family medical and health care.

The duties of the Occupational Health Office at NWC include all job-related illnesses and injuries of the Civil Service work force, disability cases, pre-employment and return-to-work examinations, and all health monitoring of employees who have actual or potential hazardous exposure on the job.

To become a nurse practitioner, it is necessary first to be a registered nurse and to have worked in a situation where the nurse was called on to make independent



HIGHLY QUALIFIED — Beth Janish, the Center's Occupational Health Officer, is a nurse-practitioner.

decisions. (Mrs. Janish, for instance, has been a Public Health Nurse, has had emergency room experience, and has worked extensively in the field of occupational health.)

At least three physicians must recommend any nurse before he or she can be accepted for training as a nurse practitioner. All of these doctors must have worked closely with the nurse, and at least one must stay in close touch during the training program.

DEDICATION REQUIRED

The preparation consists of a year of intensive training, followed by a six-month internship, and then passing a comprehensive test for national certification. (Mrs. Janish received her certification from Cal State University, Los Angeles. Most nurse practitioner programs now are at the master's degree level.)

Every five years all nurse practitioners must pass another comprehensive test in their area of specialization for continued certification.

"My field has been adult medicine," says Mrs. Janish, "with the emphasis on prevention of health problems." She's been in the occupational health field for more than 15 years because she enjoys this type of work.

INTENSIVE TRAINING NEEDED

Intensive and specialized training is also required to qualify as a Physician's Assistant.

Civilians who become Physician's Assistants (PA) must have a college background and then take another two years of college training. A Navy PA must be a senior level Hospital Corpsman. He or she then takes 65 semester hours of intensive college training (resulting in most cases in the awarding of a Bachelor of Science degree), followed by a second year of medical practice during which the trainee is rotated through 12 medical clinics for specialized training. A PA must then pass national board examinations, both written and practical.

Although the Navy PAs, like all other

PAs, always work closely with a doctor, they now are all independent duty technicians and completed that training as well before being sent off to school.

A Navy PA is able to evaluate, diagnose and treat without the immediate presence of a physician, but all the work of these specialists is subject to review.

Locally, the two PAs work not only with doctors at the NRMC branch clinic, but also with doctors in town.

Both CWO3 Childers (she prefers to use her maiden name professionally) and CWO4 Day took their training with the Air Force — she completed her training in 1976 and he did in 1975. This makes both of them among the earliest of the 275 PAs in the Navy, since the Navy adopted the program in 1971, starting with a trainee class of 12 that year.

"For someone who likes people," says CWO4 Day, "this is an ideal job. It's the closest thing to the old country general practitioner left in medicine. While we get a broad spectrum of cases, we can still take out time to explain and go over what the patient needs to know."

CWO3 Childers adds that since most PAs are somewhat older, they have been on the receiving end of medical care for themselves and their families and can have empathy for the patient. "And besides," she says, "it's especially neat here because everyone whom we see is a friend and neighbor."

Energy bills soar from FY 75 to FY 83 despite less usage

The first quarter (October through December) of fiscal year 1983 compared to FY 1975 shows the following energy consumption and cost. The data is for the industrial/commercial area only. It does not include the residential area.

Utility	FY 75	FY 83	Percentage change
Electricity			
KWH	20,309,914	17,560,000	-13.5
Cost (\$)	460,577	1,109,397	+140.9
Heating Fuels			
MBTUs	288,118	195,352	-14.4
Cost (\$)	252,556	1,058,762	+319.2

These figures reflect a moderate decrease in consumption but a significant increase in cost to the Center. The heating fuels include natural gas, propane, and fuel oil No. 6, with the largest price increase being attributed to natural gas.

The Center has been notified of cost increases for some of the energy resources commencing last month, so the pressure on the budget will increase. The total cost (including housing) for utilities is \$2,510,069 through the first quarter of this fiscal year.



ENJOY THEIR WORK — CWO3 Pam Childers/Polley and CWO4 Dale Day provide primary medical care for military personnel and their dependents. Both have spent a number of years as Navy Physician's Assistants.



PRACTICAL APPLICATION LEARNED — Bob Shon (standing) of Developmental Communications Associates, explains the intricacies of electronic equipment to Tim Castleberry, a video technician, during a three-day workshop sponsored jointly by the Video Projects Branch of the Technical Information Department and the Instrumentation Branch of the Range Department. The workshop was designed for video equipment technicians and production people interested in maintaining and troubleshooting their own video systems.

—Photo by PHAN Rebecca Carpenter

Hatfield says 30 projects slated to repair, improve base housing

New officers of the tenants' Community Council were introduced at the regular monthly meeting for all Center residents on Monday night. Bill Hatfield, head of the Housing Division, announced new projects underway and planned; and Center residents were shown how they might prepare for a disaster affecting the community.

The incoming president is Carroll Lambton. Other officers are Vicky Herron, vice president; Linda Maxwell, secretary; and Barbara Manning, treasurer. (Mrs. Manning had previously served as president of the group.)

Hatfield said that work is progressing on replacement of shower enclosures and closet doors in the Site A Capehart housing units, with the same work slated to occur in the Site B Capeharts as soon as the initial group is completed.

Work has also begun on the remodeling of kitchens in 81 old duplex units considered to be family rather than bachelor housing. And, for the youngest of family members, playground equipment has been installed through self-help at Midway and Kearsarge. The playground and recreation area that was replaced by tenants through self-help at Burroughs Road is already receiving

heavy use. Hatfield said that 18 repair projects and 12 improvement projects have been submitted to enhance Center residences.

Rowland McNeill and RLee Peters, both of whom are American Red Cross disaster services instructors, showed those present how to put together a family "survival kit" with essentials that each household would need in case of an earthquake or other disaster.

They also encouraged all residents to take Red Cross first aid classes because in a major disaster, medical facilities will be overloaded and, at least initially, most citizens will have to take care of their own needs.

Bluejacket fete . . .

(Continued from Page 1)
per person; reservations may be made by telephoning 446-7244, 446-5488, or 375-1272. Tickets must also be paid for in advance; checks should be made out to the Navy League and mailed to P. O. Box 1297, Ridgecrest, Calif. 93555.

The evening's activities will begin with a social hour at 6:30, to be followed by dinner at 7:30, and the awards will be presented at about 9 p.m.

Bluejackets of the Quarter from NWC are AC1 Charles D. Waugh, PR2 Patricia E. Carey, AMS3 Susan E. Risley, and AC2 Theodore A. Reed. Nominees from VX-5 are ADL Kent M. Harris, AD2 Van A. Greenfield, AMS1 Mark Higgins and MA1 Douglas G. Skon. Both AD2 Greenfield and AMS1 Higgins have been transferred and will not take part in the competition.)

Police reports . . .

The burglary of a residence in the Capehart B housing area was reported on Thursday of last week to China Lake police.

The tenant, who had been on leave for nearly five weeks returned to find that a color television set, a tape cassette player and receiver, and two speakers had been stolen.

There was no sign of forced entry, but the backdoor of the residence had been opened. Police had been called earlier by a friend who has been asked to keep a check on the place when it was discovered that the back door was open.

There was no way to determine at that time, however, whether or not anything else was missing. Value of the stolen items was set at \$2,100.

—Photo by PH1 Benita Tretreault

Remember when . . .



Graduation time at Burroughs High School was fast approaching in 1961 when the above photo was taken of this week's "Remember When..." column personality.

While a student at the local high school, he played on the varsity baseball and football teams, and has continued his interest in athletics by being a regular participant in adult softball league play, and coaching youth baseball, basketball and soccer teams.

He also owns and races a stock car at Pearsonville, and is joined in this activity by his wife, who is a 1964 graduate of Burroughs High.

This week's "Remember When..." column personality left here to attend Oregon State University and Bakersfield College briefly before returning here to work for the U.S. Post Office in Ridgecrest.

He transferred to the Fire Division in 1967, and, during the past 15 years, has held increasingly responsible positions in what is now Code 242.

If you haven't recognized this week's "Remember When..." column personality, turn to page 8.

Editors note: Reader's contributions of old photos for the "Remember when..." column can be made by delivering them to the Public Affairs Office, attention Beth Holtferrmans, phone NWC ext. 3511. Please include a telephone number so that information to accompany the photos can be obtained.

Varied activities presented

Black Progress Week observed at China Lake

"Black progress is larger than one leader — it is you and me," Dr. Jacquelyn Mitchell told the capacity audience at the Black Progress Week banquet last Friday evening. "Each of us embodies black progress, each of us a leader."

The banquet was the culmination of a week filled with activities honoring black progress and those who made it possible, starting with a program at the Union Baptist Church in Ridgecrest on the preceding Sunday and including films, workshops, a soul food lunch and the banquet.

On Friday night, members of the Black Original Social Society also presented excerpts from the variety show "Echoes of Ebony," produced by Every Jo McClendon. The evening concluded with dancing to the music of Glass Band, a group from Bakersfield.

Dr. Mitchell, Assistant Professor in the Afro-American Studies Program and the Department of Applied Behavioral Sciences at the University of California at Davis, discussed the turbulent history of black people in this nation, from the time of Richard Allen (the first real black leader in this country) to Dr. Martin Luther King, Jr.

While the history of the people is turbulent and while the leaders disagreed about how to reach the top of the symbolic mountain,

67-yr.-old dirt biker airlifted to hospital by Center's SAR helo

The Navy's Search and Rescue helicopter chugged off on another mission of mercy at noon last Saturday when Edward Homa, a 67-year-old dirt biker from Adelanto, needed to be airlifted to a hospital.

He had fallen while hill-climbing on his bike in the rugged country off the Kelso Road in Jawbone Canyon. Even though Bureau of Land Management and Tri-County Ambulance personnel were with the accident victim, they were unable to move him because of the rough terrain and because his injuries included a suspected broken back.

The SAR helicopter was able to move in close, pick up the injured man (and an emergency medical technician from the ambulance service) and then fly down to Antelope Valley Hospital in Lancaster



ENTHUSIASTIC SPEAKER — Dr. Jacquelyn Mitchell tells the audience at the Black Progress Week banquet that each has a role as a leader in Black Progress.

Dr. Mitchell pointed out that real progress is demonstrated by this being a discussion of Americans who are black rather than of blacks who are American.

Earlier in the day on Friday, Dr. Mitchell had presented a workshop about improving communication across ethnic lines that was very well received by those who attended. Her background in teaching, sociolinguistics and behavioral research was called on to its fullest during this workshop.

Also well received were two workshops on

where he could receive the treatment required.

The helicopter was piloted by LCdr. Chip Lancaster, with LCdr. Buz Massengale as co-pilot. Other SAR crewmen aboard were AO3 Tim Hill, AEAN Mark Kennan, and HM2 Bill Lewis.

The emergency medical technician from Tri-County Ambulance service who boarded the helicopter for the flight to the hospital in Lancaster was Bill Moore, a former Navy SAR air crewman at China Lake from 1972 to '76. Moore is a Naval Reservist with Helicopter Light Attack Squadron 5 at Point Mugu.

The second ambulance attendant was HM3 Jim Hamilton, who is assigned to duty at the NRMC branch medical clinic here. On his off-duty weekends, he works for the local ambulance service.

Annual Soldering Technology Seminar set Feb. 23-25

More than 400 representatives of government and industry will gather at the Center theater Wednesday, Thursday and Friday, Feb. 23-25, to take part in the seventh annual Soldering Technology and Product Assurance Seminar.

All Center employees are welcome to attend any of the sessions without prior registration. Those who wish to attend the banquet on Wednesday evening, however, are asked to telephone the Soldering Technology Branch, NWC ext. 3234 or 2678, promptly to make reservations.

Speaker for the banquet will be Herb Abrams, vice president of Litton Systems of Woodland Hills, Calif. While the title of his talk has not yet been announced, it is expected to be of widespread interest.

After all visitors are welcomed to the Center on Wednesday morning, Ricardo Vanzetti of the Vanzetti Corporation, Stoughton, Mass., will begin the day's talks at 9 a.m. by discussing "Automatic Solder Joint Inspection." He will be followed at 9:30 by William J. Smith, McDonnell Douglas, St. Louis, Mo., whose subject is "Tailoring: The Key to Effective Safety Requirements."

Following a coffee break, at 10:20 Rolf B. F. Schumacher, Rockwell International, Anaheim, Calif., will present information on "The Effect of Measurement Accuracies and Calibrations on Product Quality and Productivity;" and at 11 a.m., Phil Painchaud, Metron Corporation, Rancho Cucamonga, Calif., will discuss "Calibration — The Essential Ingredient of

an Effective Total Quality Assurance."

Afternoon speakers include: at 1:15, Scott Geopfert, Honeywell, Hopkins, Minn., "Inline Cleaning System Using Aezotop Isopropol and D. I.;" at 1:55, Robert Moore, NWC Quality Assurance Branch, "Quality: Cost Saver and Driver;" 2:45, Christian Val, Hybrid Microelectronics, Thomson-CSF, Velizy, France, "Vapor Phase Soldering of Chip Devices;" and at 3:30, John McInnis, Director, ManTech, NAVMAT 06, "Navy Technology Modernization."

Thursday morning's program begins at 8 with Robert Martin, General Dynamics, Pomona, Calif., presenting information on "Particle Impact Noise Detection as a

Production Screen;" 8:40, Jack Brown, B&W Engineering, Costa Mesa, Calif., "Particle Impact Noise Detection (PIND);" and at 9:30, J. Gordon Davy, Westinghouse, Columbia, Md., "Reducing the Solder Defect Rate on Printed Wiring Assembly by Solderability Management."

He will be followed at 10:10 a.m. by Roy Yenawine, Texas Instruments, Lewisville, Tex., with a report on "Printed Wiring Board Solderability;" and at 10:50, Tom Kempton, Raytheon, Lowell, Mass., "Automatic Insertion for Military."

After a lunch break, the program resumes at 1:15 with Roger Wild, IBM, Owego, N. Y., "IC Solder Joint Degradation (MIL Spec



OUTSTANDING EXPERTISE — Jim Raby, head of the Soldering Technology Branch, discusses cleanliness testing with Donna Sanger and Kathi Johnson, two members of his branch who will be presenting a paper on the subject at the Soldering Technology Seminar slated next week.

—Photo by PHAN Rebecca Gill

resume writing and interviewing techniques that were presented on Feb. 10 by Karen Altieri, the Center's Professional Recruiting Coordinator.

These workshops were designed to be of equal help to both the individuals who might be looking for jobs, and to supervisors whose aim was to learn how to interview job candidates more effectively.

Wednesday's soul food luncheon was such a success that the food ran out before the customers did. More than 200 people were able to take advantage of the delicious meal, however, before the bottoms of the pots were reached.

Personnel from throughout the Center took advantage of the film festival at which they were able to see two films: one about Dr. Martin Luther King, Jr., and one highlighting the career goals and development of local personnel. These were shown at various branch or division meetings, as well as in the Michelson Laboratory auditorium and in Warehouse 17.

Any group that was unable to see either of these excellent films last week and is interested in a showing may arrange for it by telephoning the EEO Office at NWC ext. 2738 or 2438.

Help in organizing the week's activities was provided by the Black Interest Group committee, whose members are Bill Collier, chairperson; Larry Byrd; Catherine Rogers; William Nelson; Ron Gilchrist; Brenda Taylor; Will Carey; and Marvin Rowe.

Shipmates seek aid for military family victimized by fire

Shipmates of PRI Larry Crowder are soliciting help for Petty Officer Crowder and his wife, Ann, who lost all their personal possessions last Sunday evening when a fire gutted their base residence.

Any sort of replacement household items would be greatly appreciated, as would other assistance.

Drop-off point is the Test Operations Branch of the Aerosystems Department in the old dispensary building, or the Command Master Chief's Office at Military Administration on the corner of Blandly Avenue and Hussey Road.

The Crowders have no children.

Related);" 2 p.m., Al Fitak, Litton Guidance & Control, Woodland Hills, Calif., "Solderability Defect Recognition for Solderability Tested Component Leads;" 3 p.m., John Devore, General Electric, Syracuse, N. Y., "Automatic Soldering Defect Recognition;" and at 3:45, a panel discussion of "Solderability and Solutions." Speakers on the panel are Devore, Wild, and Fitak.

Friday, the last day of the conference, opens with a talk at 8 a.m. by Ezra Sheffres, Raytheon, Lexington, Mass., "Transitioning Engineering Designs to Production;" 8:45 a.m., Jim Kuhlemeier and Garland Linde, Honeywell, Hopkins, Minn., "The Hidden Factory;" and at 9:30 a.m., Charles Seeger, General Dynamics, Pomona, Calif., "The Organization Structure — The Effectivity of the Quality Function."

Following a coffee break, at 10:20 John Rizzo, Boeing Aerospace, Seattle, Wash., will discuss "Flux Classification by Wetting Balance;" at 11 a.m., Gwen Markham, Hughes Aircraft, Tucson, Ariz., "Training of Soldering Personnel Within Our Facility;" and the final speakers at 11:30 a.m., are Donna Sanger and Kathi Johnson, of the NWC Soldering Technology Branch whose subject is "Flux, Flux Removal and Cleanliness Test."

Backup speaker for the conference is Tom Wurzbarger, Santa Barbara Research Center, who stands ready to present a paper entitled "A Wave Solder Audit System — A Tool for Process Control."