

Whiskey Flat Days starts today in Kernville, fun goes 'til Mon.

Whiskey Flat Days kicks into high gear this weekend.

Today until Monday the quiet town of Kernville will transform itself into the rough and ready mining camp of Whiskey Flat, which actually existed near Kernville in the 1800s.

Tonight at 6:30 p.m. an old fashioned Melodrama, "Deadwood Dick," will be performed. Tickets are \$4 for adults and \$2 for children under 12 years of age. The play will be held in the Kernville elementary school.

At 7:30 p.m. music from a local country western band will entertain visitors at a street dance on Main Street in Kernville.

Saturday will be a full day beginning with the Rebekahs' breakfast at the Oddfellows Hall from 7:30 until 11 a.m.

At 11 a.m. the Whiskey Flat "Miner's Madness" parade begins with trophies

Violinist to perform next Thursday night in Center theater

The fourth concert of the 1985 concert series presented by the Indian Wells Valley Concert Association will be a performance by Paul Neubauer, violinist, next Thursday, Feb. 21, at 7:30 p.m. in the Naval Weapons Center theater.

Neubauer will be accompanied by pianist Margo Garrett in a program that includes Haydn's "Divertimento;" Brahms' "Sonata in E-Flat Major;" and compositions by Fritz Kreisler, Enesco, Hindemith, Bloch, and Mano-Zucca.

Tickets may be purchased at the Music Man, Medical Arts Pharmacy, and the Entertainer Music Center. Prices are \$5 for general admission and \$3.50 for people under 21 years of age, senior citizens over 65 years of age, and active duty military enlisted personnel.

Single-event seating is limited with sales of tickets on a space-available basis.

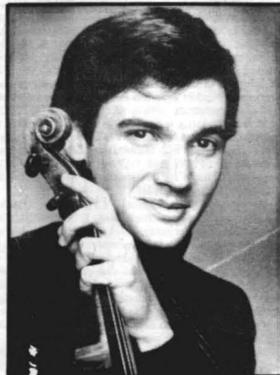
Also, a standby list will be kept for people willing to wait for seats released on the day of the concert. Inquiries will be accepted by phoning 375-5600.

Special event passes will be issued at the Naval Weapons Center main gate for concert-goers who do not have NWC stickers on their cars. Extra time should be allowed for this requirement.

Neubauer, born in Los Angeles, was recently appointed as principal violinist of the New York Philharmonic Orchestra, the youngest principal (at age 22) on record added to that prestigious and long-established group.

Neubauer has appeared with numerous orchestras, ensembles, and at festivals and recitals in the U.S. and England.

His competition credits include First Prize at the 1983 Mae M. Whitaker International Competition for Strings, Special Prize at the 1982 Naumberg Competition, First Prize in the 1982 D'Angelo Young Artist Competition, and First Prize in the 1980 Lionel Tertis International Competition for viola.



Paul Neubauer

awarded to participants at 12:30 p.m. at the Circle Park grandstand.

A rodeo is set for 1 p.m. Those interested in attending can phone John McNally at (619) 376-2343 for more information.

At 7 that evening an old-time fiddlers contest will be held at Kernville elementary school. Admission is \$3.50 for adults and \$2 for children under 12 years of age.

On Sunday more events are scheduled for visitors. Breakfast will again be served at 7 a.m., this time by the Kernville Lions Club at the Oddfellows Hall.

For late risers, the Kern River Valley Rotary Club and Kernville Art Association will be host for breakfast at 8 a.m. at the Kernville elementary school. Breakfast goers can also enjoy an art auction to be held at the same time.

The Whiskey Flat rodeo is set for 1 p.m. as well as a tour of the mining town of Keysville and other points of interest conducted by Ardis Walker. Interested persons can meet Walker across from the Kern Valley Golf Course.

At 5:30 p.m. a performance of "Deadwood Dick" will be given for Sunday visitors.

College offers short class on preparing for civil service tests

A short-term course entitled, "Civil Service Test Preparation," begins February 26 and ends May 21 at Cerro Coso Community College.

The 12-week course, taught by Sue Wilson, will meet on Tuesday afternoons from 11:30 a.m. until 1 p.m. in Room 126 at the college.

Instruction will review basic skills necessary for taking the civil service clerical test. Subjects that will be covered include a review of grammar, punctuation, capitalization, vocabulary, spelling, and arithmetic. Students will also gain experience in taking several types of employment tests.

Interested persons may enroll for this class, or any of the other short-term classes, by registering in the Office of Admissions and Records from Monday through Thursday from 10 a.m. to noon and from 3:30 to 7 p.m. up to and including the first day of class.

For more information about Cerro Coso's short-term classes, enrollment fees, and registration procedures, the college can be contacted by phoning 375-5001.

Freedom of Information Act topic of talk by Loretta King

Everyone interested in the Freedom of Information Act and its applications at NWC is invited to attend a luncheon to be held at 11:30 a.m. on Tuesday, Feb. 26, at the Commissioned Officers' Mess.

Loretta King, who has been FOIA Coordinator for NWC since 1978, will discuss the FOIA, its exemptions and requirements, and how it has been used to obtain information from the Center.

Reservations are required to ensure adequate seating. Menu choices for the

Vacation opportunities presented at Great Recreation Exhibition

The Recreational Services Department is sponsoring "The Great Recreation Exhibition" on Thursday, Feb. 28, from 5 to 7:30 p.m. in the ballroom of the Enlisted Mess.

The exhibit will cover all types of recreation opportunities for persons interested in finding something to do this spring or summer.

Every kind of outdoor activity will be represented including camps and campgrounds, mountain retreats, clubs, white water rafting, fly fishing and a host of other pastimes.

College or high school students seeking



A BIT OF HISTORY — Patrons of the Navy Exchange were recently surprised by NEX employees dressed in costume as Presidents Abraham Lincoln (Al Catton) and George Washington (Jerry Hopper). Joining them is Dee Cosgrove dressed as Betsy Ross. The trio were present to kick off the Presidents Day Sale set at the NEX through tomorrow. — Photo by PH2 Rick Moore

Country Sweetheart dance scheduled at Cerro Coso tonight

Tonight at Cerro Coso Community College the Associated Students of Cerro Coso and C.A.R.E. will co-sponsor a Country Sweetheart dance beginning at 8 p.m.

As part of the festivities a dance contest will be held. Judging for the contest begins at 7:30 p.m. with sign-ups at 7. Trophies will be presented to first, second, and third place winners.

Showdown, a local country-western group, will provide the music.

General admission is \$3 per person but ASCC cardholders will be charged \$2 per person.

luncheon are either the hot special for the day at \$3.50 or a chef salad at \$3.25 per person. Reservations may be made by telephoning either Bill Eichenberg at NWC ext. 2968 or Mickey Strang at NWC ext. 3354, and must be made by close of business on Feb. 22.

The meeting is jointly sponsored by the Society for Technical Communication and the American Society for Public Administration.

Barbershop closed

The Center barbershop, located in Bennington Plaza, will be closed Saturday, Feb. 16, because of the holiday weekend, according to David Patten, the barbershop manager.

Postage goes up

The rise in cost for mailing a first class letter from 20 cents to 22 cents for the first ounce or fraction thereof was delayed until after Valentine's Day. It will not take effect until Sunday, Feb. 17.

MOVIES

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

Regular starting time 7:00 p.m.

FRIDAY	"NATE AND HAYES" Starring Tommy Lee Jones and Michael O'Keefe (Adventure, rated PG, 108 min.)	FEBRUARY 15
SATURDAY	"NEVER SAY NEVER AGAIN" Starring Sean Connery and Klaus Maria Brandauer (Action/Adventure, rated PG, 134 min.)	FEBRUARY 16
SUNDAY	"AMERICANA" Starring David Carradine and Barbara Hershey (Drama, rated PG, 91 min.)	FEBRUARY 17
MONDAY	"KRULL" Starring Ken Marshall and Lysette Anthony (Fantasy/Adventure, rated PG, 121 min.)	FEBRUARY 18
WEDNESDAY	"SLAYGROUND" Starring Peter Coyote and Mel Smith (Drama, rated R, 89 min.)	FEBRUARY 20
FRIDAY	"GRANDVIEW USA" Starring Jamie Lee Curtis and C. Thomas Howell (Comedy, rated R, 98 min.)	FEBRUARY 22

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EFFORTS REWARDED — Burrell Hays and Capt. K. A. Dickerson flanking Daryl Moore and Elvy Hopkins, who hold the paperweights and citations they have just been presented as part of the Technical Director's Award. — Photo by PH2 Rick Moore

HARM contribution brings Technical Director's Award

Their outstanding contribution to the F/A-18 aircraft-HARM Integration Navy Technical Evaluation earned Elvy R. Hopkins and Daryl G. Moore the Technical Director's Award.

When Burrell Hays, NWC Technical Director, presented the awards, he said that the F/A-18-HARM integration was one of the most significant programs here in recent times, it was of the highest technical complexity and one of the best managed programs.

The task of the two men included the software and hardware interfacing of over

19 microprocessors and over 100,000 program words. The programmatic and political visibility of the F/A-18-HARM interface was of the very highest because it is the first smart weapon integrated into the Navy's newest strike fighter.

The NTE was completed on target for both cost and schedule — a remarkable accomplishment because the job had to be done right the first time. Hopkins and Moore are credited with being responsible for this achievement.

Because of their work, real time infor-

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February 15, 1985

Vol. XL, No. 7

NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Unique recovery system attempt proves successful

With use of a totally new concept in parachute development, an IR seeker-guidance section and telemetry section were recovered, virtually unscratched, from a surface-to-air missile firing at the Naval Weapons Center early this winter.

Dick Drake and Ken Lusk of the Aerosystems Department's Recovery Systems Instrumentation Branch designed the missile interface that allowed the recovery.

Drake, the electrical designer, said the recovery was a side benefit. The primary goal was to get full telemetry from the firing which they also accomplished.

The technique of separating the rocket motor from the telemetry and seeker-guidance section is now the basis for application for two patents Lusk and Drake are seeking.

"I don't think it's ever been done that way before," said Lusk, the mechanical designer of the recovery attempt.

"We created a new interface on the missile," added Drake, in explaining how the project was accomplished.

The two electrical technicians said in a normal application there is a drogue parachute that pulls the main parachute out of a housing.

In this instance, they needed a new way to get the main chute out quickly and

cleanly. The design consists of a main parachute in a bag, housed in the rocket motor section, but attached to the forward part of the missile that was to be recovered. When the missile sections separate, the bag deploys immediately.

The advantage, say Drake and Lusk, is that the drogue is out, slowing the section for recovery before the main parachute, released from the bag by a cutting device after a five-second delay, is out.

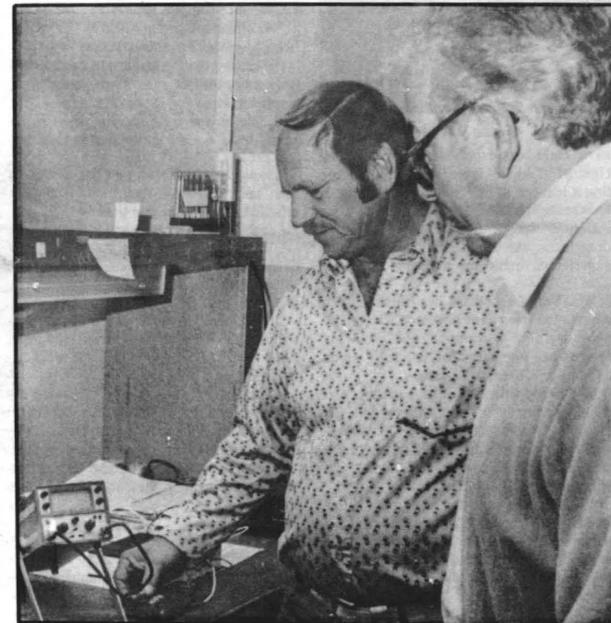
One problem facing the Recovery System Instrumentation Branch people was how to cleanly separate the missile sections and ensure that the rocket motor section would fall away quickly enough to allow the parachute bag to be fully deployed.

That's where the new interface came into play. Holding the missile together with two explosive bolts, Lusk and Drake were able to guarantee a clean break. The explosive bolts also triggered a pair of air brakes, built into the aft section of the missile, that ensured full and quick separation, pulling the parachute bag out of the housing.

Recovery of the hardware was of significant value to the Center in terms of research and development evaluation.

In terms of dollars and cents, Drake

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TELEMETRY SECTION — Dick Drake (left) and Ken Lusk look at data from the telemetry unit of a surface-to-air missile used to test a new recovery system they developed to recover the hardware intact for future use. — Photo by PH2 Rick Moore

Navy will follow state law on drinking age

Underage military personnel at NWC will soon be unable to buy alcoholic beverages at any of the clubs on the Center or from the package store, under a decision reached by William H. Taft IV, Deputy Defense Secretary.

With the exception of three, tightly controlled circumstances, Taft ruled military installations will have to follow state law on drinking age once the final policy statement is issued later this month.

In taking the action, Taft rejected a request from John F. Lehman, Secretary of the Navy, to continue the sale of 3.2 percent alcoholic-content beer to underage sailors and Marines.

Last August a policy memorandum by Taft said all services should follow state law on drinking ages, except at military installations where underage servicemembers could easily drive to a state with a lower drinking age requirement.

At that time Lehman objected, claiming it could create a caste system, drive servicemembers to use drugs and damage morale. And, he claimed, based on a report, that sailors couldn't drink enough 3.2 beer to become intoxicated.

The memorandum was suspended when Taft appointed a committee chaired by Air Force Lt. Gen. Edgar A. Chavarrie, Deputy Secretary for Military Personnel and

Force Management, in an effort to reach a compromise.

The committee and a special working group could not resolve the Navy's desire to sell 3.2 beer and asked Taft to make the final decision.

Taft's ruling is part of a federal campaign against drunk driving.

Once the policy statement is final, the only exceptions (stateside) will be at remote bases where personnel do not have cars with them, in areas where the base is within 50 miles of a state with a lower drinking age and during a small number of military celebrations approved by the secretary of the service.

The drinking age question has been discussed within DOD the past two years, ever since the 1983 President's Commission on Drunk Driving recommended a minimum drinking age of 21 nationwide.

Defense Secretary Caspar Weinberger said he supported the 21-year drinking age at that time.

Military installations, including NWC, will follow their current policies until Taft issues the final policy statement, expected sometime this month.

The new policy will not apply overseas.

Prayer Breakfast emphasizes allegiance to God and country

"The real world contains illness, poverty, bigotry and war, but we each must try to improve our little corner of that world," Rose Varga told the more than 100 persons gathered for the local observance of the National Prayer Breakfast, held at the Chief Petty Officers' Mess on Feb. 7.

Mrs. Varga, the inspirational speaker for the morning, noted that each day brings her a fresh renewal of faith in God because of the many experiences that she has had working with volunteer organizations have shown her near miracles.

She spoke of her childhood as the eldest of five children in a European Jewish family, and her life with her grandparents when

ers of the nation be endowed with the spirit of wisdom.

In the benediction closing the ceremony, Chaplain Smith finished with "May we carry forward what we have done here in expressing allegiance to God and our country."

Also taking part in the prayer breakfast were RPI Edward Arnold, who led the Plege of Allegiance and Russell Pai, a member of Men's Prayer Breakfast, who gave a scripture reading of Psalm 119.

Music was provided by the All Faith Chapel Jubilation Ringers, the handbell choir, under the direction of Sandra Raines. Mrs. Raines was also the soloist for the morning, as well as leading all those assembled in singing "America, the Beautiful."

Recovery...

(Continued from Page 1)

estimated the recovery of the seeker-guide and telemetry hardware was worth \$100,000.

They pointed out that the recovery was so smooth that even the breakable nose cone was still intact, meaning the same round could, and most likely will, be launched again.

That, said Drake, is the real value of hardware recovery, to be able to evaluate and reuse the missile sections.

"No other test in the world is like a live firing of a missile," added Drake.

Lusk noted that he had begun mechanical work more than two years ago, designing a similar system for a smaller missile. He was able, in the eight months prior to the actual test, to scale up the design to fit the new project.

It was the idea to change the assembly and use explosive bolts to hold the missile together that was the key to solving the problem of separation and recovery.

Lusk, with civil service since 1965, has been at the Naval Weapons Center since 1976 and has spent his entire career in the telemetry field.

Drake, head of Code 6421's electronics section, has been a civil service employee since 1960, at NWC since 1968 and working with telemetry since 1969.

The recovery was a joint-department effort. Aerosystems Department's Recovery Systems Instrumentation Branch and the Engineering Division were joined by the Weapons Department's Optical Signatures Branch in providing the hardware and the expertise.

Quakes reported

The earthquake epicenter map for NWC and surrounding areas for January continued to show a high level of activity, although most of the quakes were relatively small.

A couple of the quakes would be of sufficient magnitude so that they could have been felt by those in the vicinity—had they not occurred near the Minideck during the middle of the night, a time when only range guards or rattlesnakes might be in the area.

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 588 Building, by 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the 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. 2264. 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 1-118; those for all wage system positions are those defined in OPM Handbook C-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.

No. 06-008, Budget Clerk, GS-6E1-3, Code 8836 - Incumbent will provide assistance and backup to a budget analyst and assigned FMA. Maintains department fiscal files, changes status of job orders, reviews and corrects erroneous labor and material charges, prepares journal entries, processes corrections of accounting data, coordinates telephone bill processing, answers messages and queries for fiscal information, and other budgetary duties. Job Elements: Knowledge of working with figures; knowledge of Navy or NWC accounting and/or budgetary process. Promotion potential to GS-4. Status eligibles will be considered.

No. 06-040, Budget Clerk/Assistant, GS-5E1-4/5, Code 8836 - Incumbent will provide fiscal clerical support to the branch or any of the departments it serves. Incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customer order/job order numbers, assists the department in processing travel orders and material requests. Knowledge of computer systems. Job Elements: Demonstrated ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures; and knowledge of accounting or budget clerical procedures. Promotion potential to GS-6. Status eligibles will be considered.

No. 14-001, Interdisciplinary General/Electrical/Electronics Engineer, Computer Scientist, DP-801/850/855/1550-3, Code 1421 - Incumbent will be the Communication Security Engineer responsible for planning, design and coordination for a protected system in support of the Center's voice, data and video communications systems. He/she will be responsible for the acquisition of COMSEC equipment from the National Security Agency and the coordination of the systems design, installation and application of this hardware. He/she will also help to develop operational procedures to ensure that security requirements imposed by on and off Center organizations are met. Elements: Thorough understanding of basic communication technology and application of security measures, including TEMPEST considerations, hardware and software; operation and interrelationship of various components within a large scale communication system; knowledge of DOD ADP and communication security rules, regulations and policies; Abilities to plan, manage and implement a Centerwide effort; coordinate with various organizations; participate effectively on a technical team; communicate effectively both orally and in writing. Status eligibles may apply.

No. 14-002, Interdisciplinary General/Electrical/Electronics Engineer, Computer Scientist, DP-801/850/855/1550-3/1210-3, Code 1421 - Position is for a networking specialist located in the System Engineering Branch. Incumbent will be responsible for the planning of a Centerwide network to support a proposed corporate computing and information system. The Centerwide network consists of specialized local area networks, high speed networks, a digital switch and fiber optics backbone trunk system. Elements: Experience in data communication systems; knowledge of network architecture; vendor's software and hardware equipment; knowledge of system engineering with experience in RF or CATV; ability to plan, manage, and implement a Centerwide effort; strong inter-personal and communication skills to work effectively in a technical team.

No. 14-003, Interdisciplinary General/Mechanical/Electrical/Electronics Engineer, Computer Specialist, DP-801/830/850/855/1550-3, Code 1421 - Quality Assurance/Configuration Management Engineer will work closely with all other departments to define QA and CM requirements for a Centerwide network to support a proposed corporate computing and information system. Incumbent will develop and recommend new approaches and policies for Centerwide configuration management of networks and communication systems; plan QA and CM

No. 31-129, Engineering/Electronics Technician, DT-802/856-3, Code 3107 - Responsible for the technical management of all weapon system software life cycle support for USN and Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will plan and manage a comprehensive support program for an FMS customer. Will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. Will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. Elements: Knowledge of tactical embedded computer systems; knowledge of aircraft and/or avionics systems; ability to work with all levels of management; ability to communicate well, both orally and in writing. Promotion potential is DP-3, but not guaranteed.

No. 31-155, Explosives Test Operator, WG-617-10, Code 3222 - Incumbent sets up facilities, equipment, and instrumentation to develop and record data relative to cookoff characteristics of various ordnance items and burning rates of propellant strands. Performs a variety of operations relative to the processing and testing of propellants and explosives. Position covered by pre-journeyman training plan for explosives operators. Elements: Knowledge of the principles, practices, and procedures relative to the safe processing and testing of propellants and explosives; of materials and technical practices; of use of measuring instruments; of equipment assembly involved in strand burning, rate testing, and explosive propellant processing operations. Ability to perform duties with minimal supervision; to interpret instructions and specifications (including blueprints); to develop and/or apply safety measures. Supplement required.

No. V-35-020, Mechanical Engineering Technician, DT-802-2, Code 3228 - Incumbent is responsible for fabrication and assembly of hardware components and final assemblies for the POLPEN Radar and other projects assigned to the branch. Job Elements: Knowledge of electromechanical assembly; breadboarding and prototyping; layout and design of mechanical mechanisms.

No. V-35-021, Administrative Officer, DA-341-1, Code 3510E - Incumbent is responsible for providing full range of administrative support functions within the Systems Sciences Division. Principal duties will be to support requirements for the Strike Electronic Warfare Simulator

(Continued on Page 7)

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Youth cage league now past the halfway mark

Youngsters in the NWC Winter Youth Basketball program played nine games last week as they passed the halfway point in their season.

Senior Division

Eric Winter's 13 points and an even dozen from Troy Perkins led the Clippers past the Bullets 49-46. Aldean Jones added 10 points in the win.

The Bullets for a 21-point performance from Doug Hayes while Richard Hutchinson added 15 markers and Stacey Schoen chipped in with 10 points.

Kings 55, Mavericks 50

Paul Mantz ripped the nets for 26 points as he paced the Kings to a 55-50 win against the Mavs. Rusty Waugh added eight and Gar Gray had seven.

The Mavericks got 25 points from Steve Haleman while Ryan Miller kicked in seven points in the loss.

Intermediate Division

Spurs 34, Rockets 30
David Bartels notched 18 points, including 10 from the free-throw line, for the Spurs. Rod Zagala added 16 points in the victory.

Brad Bays had 12 points to pace the Rockets to the win. Mike Matson and Mat Bullock had six points each in the Rocket effort.

Celtics 44, Nuggets 38

Mike Strathdee's 14 points paced the Celtics past the Nuggets, 44-38. Chris Marshall added 12 points and Chris Fisher had 10 markers.

For the Nuggets, Todd Mather's 28-point effort led the way. Chris Brown counted eight points and Patrick Rindt added the final two points.

Instructional Division

Bulls 27, Suns 10
In a one-sided contest, the Bulls, behind

a 13-point attack by Josh Morehead, stopped the Suns 27-10. Brian Hire added four points.

Issac Curran led the Suns with six points while Keith Parris and Brian Dodderer had two points each.

Stars 23, Nets 12

Five players, led by Anthony Weber's 10 points, scored as the Stars stopped the Nets 23-12. Damon Kelling added seven points in the victory.

Jason Kremsdorf's six points paced the Nets while Jonathan Moffitt added four points and Tony Haleman two points.

Junior Division

Jazz 68, Hawks 18
The highest scoring team of the week, the Jazz, got 26 points from Lamond Dawson as they ripped the Hawks 68-18. Brian Mather notched 14 points and Danny Mather 10 points in the win.

Matthew Mann's eight points topped the Hawks. Chris Blank added six points and Tim Seufert and Blake Ashley had two points each.

Pacers 51, Bucks 38

Matt Pohl's 28 points were high for the week as the Pacers stopped the Bucks 51-38. Bart Anderson chipped in with seven points for the Pacers.

Patrick Gilbreath led the Bucks' effort with 16 points while Lance Moore and Brian Perez added 10 points each and Patrick Adams had two points in the loss.

Warriors 48, Lakers 27

Shawn Hamilton notched 28 points in leading the Warriors to the win. Russel Lester had nine points in the victory.

Paul Ashton's eight points were high for the Lakers as they fell to the Warriors, 48-27. J. Johnson chipped in six points and Edward Hamilton five.

Thrifty Wash holds lead

Thrifty Wash maintained its grip on first place in the Premier Scratch Bowling League with a two-game margin over second place Elks Lodge kegglers.

Mike Good was the hot individual for the week, rolling a high game of 241 and recording the high series, 628. Gary Barnes rolled a 612 series while Dick Reymore notched a 233 game.

Raytheon Sidewinders had team high game of 957 and a team series of 2725.

HARM contributions bring...

(Continued from Page 1)

mation was provided to the NAVAIR program managers and the Fleet testers to permit them to make timely decisions and provide direction. Hays noted, as he presented the men their engraved paperweight, letter of commendation and stipend commencing the award.

In the nomination written by Paul Homer, head of the Electronic Warfare Department, the men are credited with designing and building such a superb instrumentation package that the project team could identify and correct over 90 system deficiencies.

Not only was the design superb, Homer wrote, but Hopkins' attention to detail during NWC production of the package resulted in a 50 percent saving over the cost estimated by the Naval Air Test Center. The 500-pound package is so well designed it can be easily installed in the F/A-18 gun bay without limiting aircraft maneuvering

performance. Hays commented to Moore that "we've made a senior engineer of you fast" because the awardee was a Junior Professional employee only 15 months ago.

Moore established Test and Evaluation goals, identified tests needed, and scheduled, coordinated and directed testing at the various test ranges. Additionally, he played a major role in resolving test discrepancies including a major interface problem that would have grossly reduced the combat effectiveness of HARM.

In order to accomplish his tasks, Moore regularly worked 14-hour days during the 10-month NTE, asking for no compensation other than a job well done, the nomination letter said.

Responding to the award, Hopkins said that the work on the F/A-18-HARM integration NTE was probably the busiest as well as the most enjoyable time that he's spent since he began working on HARM in 1971.

Moore added that he, too, has really enjoyed working at NWC, and especially on this particular program.

Both Hopkins and Moore are engineers—Hopkins being an electronics engineer and Moore qualified as an aerospace engineer. Hopkins has been a Center employee since 1963, while Moore was hired in April 1982 as a Junior Professional.

Promotional opportunities

(Continued from Page 2)

(SEWS) program and the Systems Software Support Facility (SSSF). KSAs: Knowledge of NWC accounting and budgeting processes, contracting and procurement procedures; ability to deal effectively with all levels of personnel to present information, both orally and in writing, and to conduct studies and analyses. Promotion potential DA-2.

No. 36-198, Model Maker, WG-4714-14, Code 3641 (Multiple vacancies) - Responsible for a variety of projects including unique and one-of-a-kind prototype models, usually in close cooperation with a representative of the technical community. Duties include planning, laying out, modifying, fabricating, and assembling complete models without detailed instruction. Fabricating processes require knowledge in more than a single trade. Elements: Knowledge of pertinent metals; ability to do the theoretical, precise, and/or artistic work of a trade, to read and use shop drawings; to use hand tools for machine shop; to measure and lay out. Supplemental required.

No. 39-002, Clerk-Typist, GS-324-4 or Clerk (Typing), GS-303/5, Code 3907 - Incumbent provides clerical support to the Cruise Missile Program Office. Job Elements: Ability to perform receptionist and telephone duties; knowledge of office procedures and policies in these areas; ability to operate IBM Displaywriter is highly desirable. Status eligibles may apply.

No. V-42-010, Engineering Technician, DT-802-2, Code 8214 - This position supports the work of the branch in preparing the mechanical aspects of a test. Depending on test requirements, the incumbent will work alone or with others in preparing explosive charges, making and assembling test fixtures and initiation systems or erecting arrays of color and sheet steel for windward arena tests. Requires frequent out-of-doors work. Requires will ingness to qualify for Firing Office. Job Elements: Knowledge of: ordnance components and devices, including firing circuits; ordnance and range safety requirements; mechanical design, skill in basic carpentry, light duty welding and cutting.

No. V-06-01, Clerk-Typist, GS-322-4, Code 063 - This position is located in the Firing Office. This is a part time position, working 20-32 hours per week. May occur

sionally require 40 hours per week. Incumbent provides clerical, receptionist duties and typing support to the personnel in the projects office. Job Elements: Knowledge of Navy correspondence procedures; time-keeping procedures; skills in punctuation and spelling.

No. V-62-011, Electronics Technician, DT-856-3, Code 6204 - The incumbent will be responsible for test operations, maintenance, and repair. Specifically, the incumbent will act as test director for assigned projects on one of the two ranges. This includes planning and scheduling of the tests and the direction of the test operations. The incumbent is responsible for maintaining the assigned range in working order and within calibration at all times. The incumbent recommends improvements and modernizations as a result of operating experience, advanced knowledge in the state-of-the-art or new customer requirements, and implements approved recommendations. The incumbent arranges for training new crew members in all aspects of the range. The position will require working overtime and occasional non-standard working hours. Job Elements: Knowledge of radar systems, skill in conducting range tests; ability to work with a variety of personnel, knowledge of range support equipment.

No. V-62-007, Engineering Technician, DT-802-1, Code 6212 - Under direct supervision, testing of various ordnance items and weapons. Testing includes vibration, shock, temperature, and temperature-humidity. Performs posttest inspection, records and analyzes test data and assists in test fixture fabrication. Job Elements: Knowledge of ordnance environmental testing, safety and operating procedures for testing ordnance items, environmental data recording devices and test equipment maintenance. Ability to communicate both orally and in writing and work as a team member in performance of environmental testing. Promotion potential DT-3.

No. GY-8427, Recreation Aid (Lifeguard), PS-818-03, 8443/hr, Temporary Intermittent-Scheduled, Code 2213 - Incumbent monitors activities and maintains order in pool area; must be available for work weekdays 0945-1335. KSAs: Must possess a valid Advanced Lifeguarding Certification; possession of a Water Safety Instructor Certificate highly desirable.

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has been brought up to date are encouraged to file an SF-171 to indicate their interest in the position. The minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. NWC is an Equal Opportunity Employer.

No. 32-153, Interdisciplinary General/Mechanical/Aerospace Engineer, DP-801/830/861-1/2/3, Code 3263 - Incumbent will perform as development engineer for new ordnance concepts. Responsible for conducting analyses, mechanical design, and testing of new concepts to demonstrate feasibility and to determine controlling parameters. Design and test concepts will be in the area of conventional ordnance and will include work with one or more of the following technologies: fuel-air explosives, cluster weapons, obsurant and signaling devices. Submit current SF-171 to Larry Josephson, Code 3263.

No. 36-206, Interdisciplinary General/Electronics Engineer/Physicist, DP-801/855/1310-2/3, Code 36224 - Responsible for design, analysis and development of power supplies and support for system and circuit analysis. Familiarity with power designs and analog and digital circuit design desirable. Submit current SF-171 to Cheryl Prael, Code 36209.

No. 39-014, Interdisciplinary (Electronics Engineer/Computer Scientist/Mathematician/Physicist) DP-855/1550/1530/1310-1/2/3, Code 3922 - Incumbent will work with a missile design and analysis team in the design of the Sparrow Missile Radar Receiver and computer software algorithms. Duties consist of signal processing analysis and design and programming of VAX 750 and Sparrow Missile computer. To apply send a current SF-171 to L. McGuire, Code 3922, ext. 3308. Previous applicants need not reapply.

No. 31-130, Interdisciplinary General/Electronics/Mechanical/Aerospace Engineer, Computer Scientist, Physicist, Mathematician DP-801/855/830/861/1550/1310-1/2/3, Code 3107 - Responsible for the technical management of all weapon system software life cycle support for USN and Foreign Military Sales (FMS) F/A-18 aircraft. Incumbent will plan and manage a comprehensive support program for an FMS customer. Will task and coordinate efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. Will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. To apply for this position forward updated SF-171 to R. Bruckman, Code 3107, Phone 5660.

No. 31-131, Interdisciplinary General/Electronics/Aerospace/Mechanical Engineer, Computer Scientist, Physicist, Mathematician, DP-801/855/861/830/1550/1310/1520-3, Code 3107 - Responsible for the technical management of all weapon system software life cycle support for USN and Foreign Military Sales (FMS) F/A-18 aircraft. Incumbent will plan and manage a comprehensive support program for an FMS customer. Will task and coordinate efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. Will maintain a close liaison with technical and FMS management elements of OPNAV and NAVAIR and with the FMS customer. To apply for this position forward updated SF-171 to R. Bruckman, Code 3107, Phone 5660.

No. 39-004, Mechanical Engineering Technician/Physicist/Electronics Technician, DT-802/1311-3, Code 3901 - Incumbent primary duties include design, fabrication and operation of test equipment used to determine the sensitivity of energetic materials (Propellants and explosives) to various thermal and mechanical stimuli. Specific areas include mechanical behavior, ignitability and burn rates, damage initiation and shock sensitivity of undamaged and damaged propellants. Elements: Demonstrated experience in design, fabrication and operation of hardware to test sensitivity of propellants or explosives. Safe operations using energetic materials; test scheduling; preparing reports, describing tests and results and being able to work independently and as a member of a project team. To apply for this position forward an updated SF-171 to Thomas Buggs, NWC ext. 1064.

Upward Mobility call temporarily postponed

The call for Upward Mobility applicants has been temporarily postponed. The Rocketeer will carry an announcement when the call is again made.



Rose Varga

as a child she experienced poverty and bigotry. "I had to learn to cope by accepting a leadership role, and by developing a keen sense of humor," Mrs. Varga said.

Despite seeing four wars, death and dreariness, she said, "All these negative experiences made me a person I myself like."

Mrs. Varga concluded her remarks with a quotation from Sam Levenson who talked about his debt to America, and about the need to use four letter words—such words as help, give, care, feel and love.

In other portions of this patriotic and religious occasion, Lou Czerwonka, a member of the Men's Prayer Breakfast, explained the meaning of the words of the pledge of allegiance as presented in a tribute to America by Red Skelton.

"Since I was a child and spoke these words each morning in the classroom," Czerwonka said of the Pledge, "two more states have been added to the union, and two more words to the Pledge: 'under God.'"

Chaplain Jason Knott used Frances Scott Key's inspirational words of the "Star Spangled Banner" in the invocation, and Chaplains Milton Collins and Aquinas Jack Smith continued the patriotic themes in their closing prayer and benediction.

Chaplain Collins' prayer asked that this land be given honorable industry, sound learning, good manners, and that the lead-

The Rocketeer

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Naval Weapons Center
China Lake

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NWC Commander

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Technical Director

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Phone 3354, 3355

3354, 3355

DIVINE SERVICES

All Faith Chapel, NWC ext. 3506

PROTESTANT	
Sunday Worship Service	1000
Sunday School (Annexes 1, 2 & 4)	0830
Bible Study (East Wing Wednesdays)	1130/1230
ROMAN CATHOLIC	
Sunday Mass	0830
Communion Service (except Monday)	1135
Confessions	1630/1700 Friday
Religious Education Classes (Annexes 1, 2 & 4)	1000 Sunday
JEWISH	
Friday (East Wing)	1930
Sunday (Annex 95, as announced)	1930

Looking For Equipment?
Call the Equipment Locator Service (Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!



New fishing licenses needed by anglers

Although the first copies of this year's sport fishing regulations have only now been shipped to license agents and Department of Fish and Game offices around the state, anglers are reminded that their licenses must be renewed now if they wish to fish.

All fishing licenses in California expire on Dec. 31 each year and must be renewed before anglers drop a line in the water.

Little League tryouts set starting Saturday

China Lake Little League's 1985 season is just around the corner. Tryouts for this year's teams are set on Center and at Inyokern School during the next three weekends.

Youngsters six through 12 years of age as of July 31 are eligible if they live in China Lake, Inyokern or north of Drummond Drive in Ridgecrest or north of Ridgecrest Blvd. between Richmond Road and China Lake Blvd.

China Lake tryouts are set at Diamond 4, this Saturday, Feb. 23 and March 2. Six and seven year olds try out from noon to 1 p.m. while eight and nine year olds are set at 1:15 to 2:30 p.m. and ten and older players from 2:45 to 4 p.m.

At Inyokern, six and seven year olds try out at 9 a.m. with eight and nine year olds at 9:45 a.m. and the rest at 10:30 a.m.

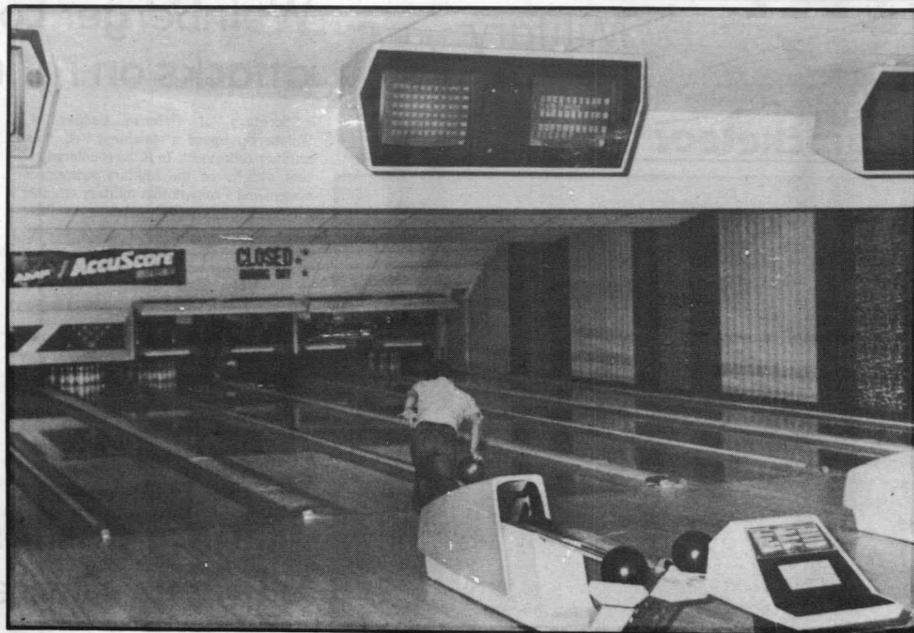
The tryouts are for skills assessment only. All children who sign up will play on a team.

There are no required fees. However, a donation of \$25 per child or \$35 per family is requested.

For more information of the China Lake 1985 Little League season call M. Moore at 446-2914.



LITTLE LEAGUE — Tryouts and signups for the 1985 China Lake Little League season start this Saturday at Diamond 4 and at Inyokern School. Brian Brawnd (left) Lance Moore and Brian Mather (right) are ready for the new season to begin later this spring.



ACCUSCORE — Bowlers at Hall Memorial Lanes are making good use of a new, computerized scoring system and other improvements to the bowling center

made in the past month. Accuscore by AMF will give bowlers more information and a printed scorecard at the end of each game. — Photo by PH2 Rick Moore

Hall Memorial Lanes get a new look

Hall Memorial Lanes bowling center has a new look and new equipment for bowlers in the area.

Harry Day, manager, notes they reopened Monday morning with the latest in automatic scoring, the AMF Accuscore system.

In addition, the lanes have undergone refurbishment to make this bowling experience better. Day said many of the equipment problems that have vexed bowlers in the past have been repaired.

But the best news is the new scoring system. Paul Backiewicz, Sports Division head for Recreational Services Department, said the new system makes scoring a snap for the bowler.

Baczkiwicz noted the central computer linked to the scoring tables stores handicaps and bowler's names and automatically prints out complete score cards.

Day added that the system, which features 25-inch color video monitors for each lane, can be adjusted for single bowlers, two, or up to five per lane. The screens show pinfalls, score, the bowlers' name and more, all in up to eight different colors.

These latest improvements have been five years in the making, said Day. He felt the bowlers would be very pleased to see the improvements made this year.

Accuscore is said, by AMF, to be a generation ahead of other automated scoring devices for bowling centers.

Center bowlers should be happy, noted Baczkiwicz, with this new equipment. He called it a major improvement at Hall Memorial Lanes.

The total project, including the central computer, new tiles, and the changes to the bar area cost \$165,755, said Baczkiwicz.

Only three teams remain unbeaten in loop play

Only three teams remain unbeaten in the second half of the NWC Adult Winter Basketball program. Each of the other nine teams left in the program have suffered at least one loss. Two teams are still seeking their first wins in the second half of the season.

Misfits 58, Road Runners 48
Tim Bryant's 22 points paced the Misfits past the Road Runners to keep them among the three undefeated teams, 58-48. Roosevelt added 19 points and Lucas notched 14 to win.

Trenta's 19 points was high for the Road Runners while Narem added 12 markers.

Athletes 43, Kondors 32
The K.Z. Kondors suffered their first loss of the second half at the hands of the Athletes in Traction, 43-32. Allen with a 14-point game and Higgins with 12 points led the winners.

For the Kondors, Homer notched 18 points in the loss. They dropped a 2-1 mark.

VFD 54, Clinic 46
Behind 18 points from Ellingsworth and 12 markers from Espiritu, the Volunteer Fire Department squad stopped the Clinic cagers 54-46. Cohen added 12 points for the winners.

Singleton paced the winless Clinic with 17 points while Joe Forrester chipped in with an even dozen tallies in the loss.

Meanies 60, Puccis 41
The Meanies were easy winners against

Puccis, 60-41. The losing team notched only 10 points in the first half. Clark had 12 points in the win while Christiansen and Chapman added 11 each.

Puccis got a 20-point game from Leahy and 10 points from Switzer as they remained winless in the second half.

Kondors 55, Road Runners 46
The K.Z. Kondors broke a halftime tie when they outscored the Road Runners 28-18 in the second half of the game for a 55-46 win.

Horner paced the victors with 25 points while Burnhardt added a 17-point effort. Narem's 11 points led the Road Runners and Trenta chipped in 10 tallies in the loss.

Standings			
National Division			
Team	Won	Lost	
Golden Corral	3	0	
VFD	3	1	
NWC	1	2	
Clinic	0	3	
Central Division			
Meanies	3	0	
Reeds Raiders	2	1	
Pioneer Motel	1	2	
Puccis	0	3	
American Division			
Athletes	3	0	
KZ Kondors	3	1	
Misfits	1	2	
Road Runners	1	3	

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. K. A. Dickerson. 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'm a supervisor in Michelson Lab. There is a situation developing here of long-range morale problems. It creates a great deal of frustration. The copy machines are in terrible condition. Many of them are broken, there are not enough of them, and there's quite a line, which makes getting something copied a difficult thing to do. The morale impact affects our secretaries which, bless their hearts, are overworked and underpaid, so we wind up running around the building trying to find an available copy machine so we can get stub action through, memos approved, or whatever in shuffling the papers that we do.

Look, I understand there's an administrative strait-jacket with regards to copy machines, specifically NPPSO and TID. I don't know how long they've been in the driver's seat regarding the care and feeding of these machines but I think they've been there long enough and have failed. The situation hasn't got any better, in fact, if you look at the Oct. 30 comment sheet, which is being distributed on the maintenance problems, things are simply getting worse. Some of the areas that TID is going to address themselves to are going to receive band-aids.

Look, things have changed, copy machines are now simple. They're reasonably inexpensive and they're small. The good, old days, when we had to structure an empire and a bureaucracy around purchasing and maintaining copy machines, have been left behind with the emerging technology of the small, efficient, reliable, copy machine that may be able to serve small organizational units at the branch level.

Here is my request: the copy bureaucracy here on Center should allow an experiment whereby copy machines may be purchased by the branch level. We would research what copy machines would fill our needs and look at independent maintenance contracts.

I shouldn't be forbidden from purchasing a piece of equipment that is far less complicated than some of the computers we buy and certainly less expensive, simply because there's an existent bureaucracy on Center that has some jurisdictional turf to protect.

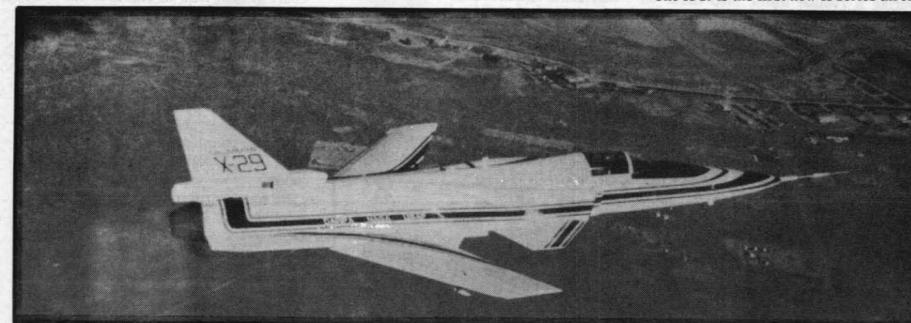
ANSWER

Many events have adversely affected NWC's copier program over the years but few have caused the turmoil experienced during the last six months. This situation is attributable to four major factors: (1) Xerox Corporation lost several of its experienced service technicians; (2) when Michelson Laboratory closed down for several weeks, copiers located outside the laboratory compound were overtaxed, causing major breakdowns and the service technicians could not keep up with the service calls; (3) the machines in the lab that sat idle in a high humidity environment did not work properly when power was restored; (4) parts for certain copiers were suddenly unavailable. All of this added up to a tremendous amount of frustration experienced by almost every employee at NWC. The Center is currently working with NPPSO, San Diego, and the Xerox Corporation to help rectify the situation.

Past experience has shown us that it is advantageous to the Center to lease copy machines considering the rapid changes in technology. With work groups changing and moving frequently, the Center must have the ability to cancel, upgrade, or change features in machines without the added burden of disposing of owned machines that have not "paid for themselves." While tabletop machines are less expensive than full-sized copiers, the cheapest tabletop machines begin at about \$2,000 and there are relatively few places where this type of machine can handle the required work load.

I agree that the process of approving, ordering, and placing copiers is cumbersome. The procurement system will only accommodate certain vendors that are listed on approved GSA contracts and every request for a copier must be justified to the Western Division Reprographics Manager of NPPSO, San Diego. In addition we must face the reality that we do not live in a metropolitan area where service is readily available — not all vendors are willing to supply dedicated service based in the Ridgecrest/China Lake area. By knowing what requirements must be met for NPPSO approval, the Copier Program Coordinator has had excellent results in obtaining approval for copy machines.

I would like to emphasize that the Copier Program Coordinator is not a watchdog operation to keep NWC from obtaining copiers. It is done as a service to the Center and as an advocate employed by NWC for NWC, to ensure that we are getting the best machines possible within the framework of the guidelines being imposed. NPPSO requires local coordination of copiers. It is not a matter of protecting one's turf. Thanks for the chance to explain.



ENGINEER'S BANQUET — The X-29 forward swept wing aircraft will be the topic of a talk given by Walter J. Sefic, program manager at NASA Ames Dreyden Flight Research Facility at the annual hIDEA Engineer's Week banquet next Friday at Le Parc. Tickets are now on sale. — NASA Photo



MILESTONE ATTAINED — Bryant C. Ferguson receives a 40-year length of service award from Capt. K. A. Dickerson, NWC Commander. Ferguson's four decades of federal service began in 1943 when he enlisted in the Marine Corps. — Photo by PH2 Rick Moore

Mechanical engineer completes 4 decades of federal service

Bryant C. Ferguson, a mechanical engineer in the Ordnance Systems Department, received a 40-year Federal length-of-service award from Capt. K. A. Dickerson last week in a ceremony held in the NWC Commanders' office.

Ferguson's service with the government began in July 1943 when he enlisted in the Marine Corps. His duties took him overseas as an aviation armorer, servicing a variety of aircraft machine guns.

After his honorable discharge in June 1946, he briefly worked at chairman on a survey crew for the General Land Office in Reno until he entered the University of Nevada at Reno.

Ferguson reentered the Marine Corps in 1947 and was on active duty until 1957. He again served overseas, this time in Korea during the Korean conflict.

In 1958, he returned to Federal civilian

service as an engineering aid in the Albuquerque Engineering Division in Albuquerque, and stayed there until he went to work as a student trainee (mechanical engineer) at the White Sands Missile Range, New Mexico.

After being promoted to mechanical engineer following a 47-month training period, he remained at White Sands until coming to what was the Naval Ordnance Test Station (now NWC) in 1962.

During this time on board at China Lake, Ferguson worked in the Test Department, the Aviation Ordnance Department and the Propulsion Department — which subsequently became the Ordnance Systems Department.

He is the recipient of several letters of appreciation, a Special Act Award, and a Sustained Superior Service Award.

X-29 aircraft topic of talk at Engineers' Week dinner Feb. 22

Walter J. Sefic, project manager for the X-29 program at the NASA Ames Dreyden Flight Research Facility will be the featured speaker at the High Desert Engineering Association's annual Engineer's Week banquet next Friday.

Set for Le Parc Restaurant in Heritage Village, the Feb. 22 banquet will feature Sefic speaking about the X-29 and the X-series research aircraft that have investigated and explored many of the unknowns of flight.

The Experimental Research Aircraft Program began in 1946 with the flight of the rocket-powered X-1.

In 1947, Air Force Captain Charles Yeager dispelled any doubts that a manned aircraft could ever be flown through the sonic barrier by piloting the X-1 beyond the speed of sound.

The X-29 is the first new X-series aircraft

in more than a decade. The X-29 is being used to explore the forward swept wing's combination of speed, agility, slow flying qualities and a broad range of advanced aircraft and system technologies.

As project manager of the X-29A forward Swept Wing Program, Sefic is responsible for providing the overall technical direction, planning and organizing the combined efforts of project personnel in the X-29A project.

Sefic joined NASA Ames Dryden in 1961 as a flight test research engineer. He holds a bachelors degree in Aeronautical Engineering from St. Louis University, a masters in Aeronautical Engineering from USC and masters in systems management from USC.

The sponsoring organization hIDEA is comprised of engineering societies from the high desert area including: American Institute of Aeronautics and Astronautics, American Society of Civil Engineers, National Society of Professional Engineers, Institute of Electrical and Electronics Engineers, American Society of Mechanical Engineers, American Society for Quality Control and American Institute of Chemical Engineers.

The social hour begins at 6 p.m. at Le Parc with the banquet at 7 p.m. and the program is set for 8 p.m.

The menu offers a choice of entrees: red snapper or cod in cream sauce or chicken grand-mere. Banquet tickets are \$10 in advance or \$12 at the door and may be purchased from hIDEA members. They may also be purchased from Bob Estell at NWC ext. 3423, Bud Stiehl at NWC ext. 1761 or Tony Miller at 446-7671.

The banquet and program are open to the public as are all hIDEA meetings.

Need for education, backing of school by community stressed

"We must give children the opportunity to advance to the maximum of their talents. That's the key to the future," Wilson Riles told the Black Progress Week banquet audience Friday night. "Let's make the future what it ought to be."

Riles, who served as Superintendent of Public Instruction for the State of California for 12 years, was the distinguished guest speaker at the dinner-dance marking the close of a week-long series of events celebrating Black Progress Week. Theme for this year's celebration was "Education: the key to the future."

A quality education for all is closer when all children are seen as individuals, Riles noted, and, he added, "Schools are only as good as the degree to which we demand and support them. We must back up teachers and establish a working partnership between the school and the community."

Riles emphasized that "We can push toward excellence or drift toward failure. Nothing stimulates as much as achievement, and a full spectrum of career opportunities must be made obvious to all children."

He commented that while changes in laws opened doors to minorities, the thousands who walked through those doors were only those who were prepared to walk through those doors.

In discussing his own youth as an impoverished child in Louisiana — "I knew at first hand what poverty, segregation and humiliation are all about" — he said that his teachers in the segregated school taught the children about the roles that Blacks had taken in America, from the black navigator on one of Columbus's ships to Crispis Attucks, the first person to die on Boston Common.

While Blacks fought for freedom (with 186,000 in the Union Army), Riles emphasized that whites also believed in freedom, with heroes such as Lincoln, John Brown and Wendell Phillips.

"You need a knowledge of history to plan the course of the future," Riles said, "and if the future is to be bright, the education of youngsters is essential."

Hands-on experience offered in class on computer systems

A class entitled "Digital Systems and Computers, Part I" will be taught at the Training Center from 8 a.m. to 4 p.m. March 11 through 15.

Teaching the class, which is designed for technicians and technical personnel with no (or minimal) background in digital concepts, will be Prof. Rudy Panholzer, Naval Post Graduate School.

This course is the first of a four-part series designed to give technicians eventual hands-on experience with microcomputer systems. The second part of the series will be offered at NWC in the fall.

Those who wish to register should submit a Training Request and Authorization Form through department channels so that it will reach Code 094 by Feb. 22.

He commented that a Black middle class is now emerging that, like the white middle class, tends to forget its roots. "Whites," he commented, "didn't come to these shores as upper class but as those who were seeking a better life."

"Those of us who made it," Riles said, "bear a special burden to others for the education we received and the positions that we hold. We must ensure that we continue to provide role models, and to insist on excellence in education."

Riles noted that it was the responsibility of all those present and of all Blacks to ensure that there would be qualified young people available for establishments such as the Naval Weapons Center.

Earlier in the evening, Capt. K. A. Dickerson, NWC Commander, told the capacity audience at the Commissioned Officers' Mess that although minorities and women were not adequately represented in the Center's technical and managerial workforce, "we plan to overcome this shortcoming. We are committed to making strides forward."

The Skipper said that strategies to improve minority or female representation in the technical workforce included aggressive recruiting at minority colleges, emphasis on implementing the Affirmative Action Plan, career counseling, and by the undergraduate education program for long term training. "We're growing our own professionals through that program," Capt. Dickerson said.

In 1969, about 5 to 6 percent of the Center's workforce was minority, but the percentage has been rising, according to Capt. Dickerson. "I am determined," the Skipper continued, "to ensure that continued EEO awareness will lead to action and results."



INTERESTING DISCUSSION — Capt. J. M. Collins, Senior Chaplain at the Center's All Faith Chapel, and Wilson Riles, who was elected California Superintendent of Public Instruction three times, exchange views before the Black Progress Week dinner at which Riles was the distinguished guest speaker. — Photo by PH2 Dennis Mugglin

Del Vernon joins PAO staff as Assistant Program Coordinator

Another friendly face has been added to those working in the Program Coordinator's Office in the lobby of Michelson Laboratory: that of Del Vernon, the new assistant program coordinator.

Vernon brings 33 years of experience in the public affairs field to the job, of which 23 years was in the Marine Corps (from 1962 through 1975), and the rest as a civilian since his retirement from active duty.

He comes to China Lake from the Naval Air Rework Facility in Norfolk, Virginia, with prior experience from both the Army

Corps of Engineers and the Bureau of the Census as a public affairs officer.

"I've enjoyed all my assignments," Vernon says, "but the 5 years that I spent in Hollywood as motion picture and television liaison with the Marine Corps is probably the most interesting assignment I had."

He also comments that the time he spent as public relations man for the American International Boxing Team (in 1974 and 1975) was exceptionally interesting.

His most exciting assignments, however, were probably those spent in Vietnam, where he earned three purple hearts — and, he says, happily, "I didn't get killed."

Vernon is pleased to be back in the southern part of California once more because he feels that it's about as close to being home as any. His grandfather, with whom he lived as a child, was a traveling salesman so Vernon has lived in 31 of the 50 states and attended five different high schools before graduating.

His two sons, ages 16 and 17, have not attended quite as many schools as he did. He notes that they have checked into Burroughs High School and are looking forward to spending the rest of their high school time in the local area.

Also looking forward to being in California is Eiko, Del's wife, who is a world renowned teacher of Japanese flower arrangements.

Trespassing on NWC lands brings stiff sentence from court

Trespassing on the Naval Weapons Center is viewed sternly by Command, as Michael Street, 22, discovered on Tuesday.

He was convicted of violation of Title 18, Section 1382 (trespassing) by U. S. Magistrate Leonard Cosgrove during a court session held at Edwards Air Force Base. Federal court meets at Edwards monthly, under the presiding gavel of a Federal Magistrate from Lancaster.

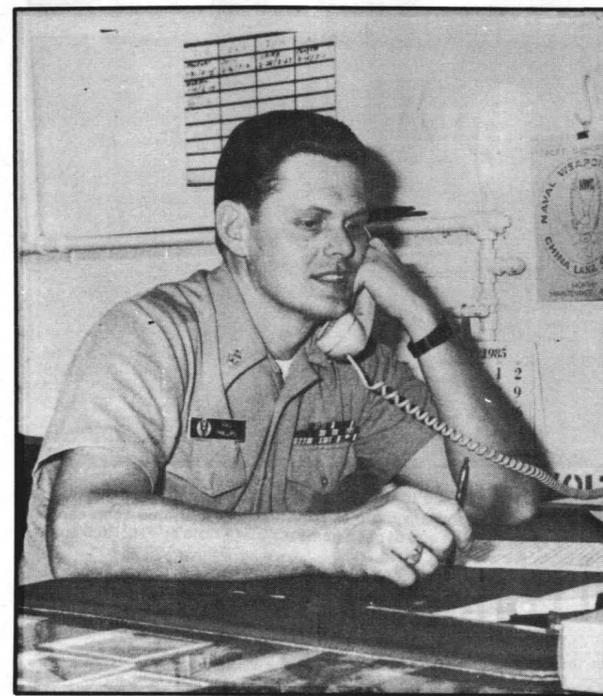
Street was found guilty of trespassing on NWC in an incident occurring on Dec. 9, 1984. He had received a "bar" letter from the Commander, NWC, written on March 1, 1983 and initiated by Street on March 4, 1983, that forbade his entry onto NWC lands.

He was sentenced to six months in federal prison, but the sentence was suspended. He is under close probation for two years, meaning that he must check with his federal probation officer weekly during that time.

In addition, Street was fined \$100, plus an additional \$25 imposed on all those found guilty or pleading guilty to a federal offense, with the money from this added fine to go to a "victim's fund."



Military News



TWO MORE YEARS — PRC Robert Phillips reenlisted for another two-year hitch in the Navy this month. Working in the Aircraft Support Division of the Aircraft Department, he is a veteran of more than 16 years in the Navy. Cdr. R.O. Erickson, division head, administered the oath of enlistment. — Photo by PH2 Rick Moore

Weinberger counters attacks on retirement

Secretary of Defense Caspar W. Weinberger issued a statement Feb. 6 on military retirement. In it, he countered recent attacks on the military retirement system and a remark that military officials are "more concerned about protecting their retirement than they are about protecting the security of the American people."

"Military personnel are far too dedicated to the service of their country to be 'more concerned with their benefits than the national security,'" stated the Secretary.

"Based on my experience with troops of all ranks...I believe that the contribution that these dedicated leaders have made to this nation over many years of service should not be defamed. America is fortunate indeed to be served by men and women of such great dedication and devotion, who gave up any self-interest or sordid motives when they voluntarily entered the

military service."

Secretary Weinberger noted that the military retirement system has been reduced greatly during the past years. During that time, military retirees have received only half of the cost of living allowance at all. He also pointed out that people coming on active duty since 1980 have had their potential retirement benefits cut by 12 percent.

The Secretary concluded by noting, "Military people spend long periods of time away from home, lose money every time they move, must send their children to many different schools, must serve in isolated posts without their families and very often at risk, or give their lives for their country. The military compensation system including retirement is fair but no means lavish."

Military pushes battle against drunken driving

Each year the Army, Navy, Air Force, and Marine Corps spend thousands upon thousands of hours warning against the evils of drunken driving.

Why? Aside from its sheer stupidity, the brutal fact is that thousands of servicemembers die or are injured while driving intoxicated each year, and it costs megabucks to deal with the problem.

Consider the facts. The services reported 655 recorded fatalities in four-wheel vehicles in 1983. Of those, some 226 (34 percent) were alcohol related; it doesn't get any better, in fact it gets worse, when you consider two-wheelers. Nearly half (48 percent) of the 219 fatal injuries on those vehicles were alcohol related.

Of the 7,670 injuries sustained in crashes

during 1983 (that includes both four-wheel and two-wheel vehicles), 1,520 had some connection to alcohol. And 50,218 of the 179,352 workdays lost due to vehicle crashes had the same connection.

Injuries and fatalities cost money. Of the \$75,226,910 injury and death costs reported in 1983, \$36,847, 180 were related to alcohol use. Almost half of injury and death costs, and one-third of workdays lost, were alcohol related.

Navy Hotline

for Fraud, Waste and Abuse

Call: (800) 522-3451 (toll free)

288-6743 (Autovon)

(202) 433-6743 (commercial)

Treat those airline tickets just like cash

Active duty Navy personnel traveling on official business should "treat their airline tickets like cash," according to the Military Traffic Management Command, because it will take cash — yours — to replace them.

Don't think it can't happen to you. It happened to 1,100 military travelers last year.

Official travelers can avoid this unnecessary out-of-pocket expense by safeguarding government funded tickets against four common oversights: carrying tickets loose, so that individual "coupons" are scattered and lost; leaving tickets in hotel rooms or quarters, where they are mistaken for

trash by cleaning personnel; failure to notice that the airline employee has pulled more than one coupon at boarding time; and leaving tickets in airplane seat pockets.

Navy travelers who are stranded because of lost tickets should first file a lost ticket report with the airline. They should then contact the nearest military installation transportation office, regardless of branch of service, where a cost charge government transportation request (GTR) can be issued to get them to their ultimate destination.

This is not a "free ride." The money will be taken out of the individual's pay in a

one-time deduction.

Upon arrival at the home duty station, if it is NWC, military personnel who have lost their airline tickets, should contact the Travel Claims Section of the Personnel Support Activity Detachment's Disbursing Division, phone NWC ext. 2704, to file a lost claim.

PSD personnel will then contact the Naval Material Transportation Office, Naval Station, Norfolk, Va., which researches each claim and contacts the airlines on the individual's behalf for reimbursement.

Claim processing time varies, but most

claims are settled within five to six months. For further information concerning lost GTR airline tickets, military personnel should contact the PSD Travel Claims Section.

Softball players sought

All active duty military women personnel are invited to an organizational meeting to start a women's softball team.

The meeting will be held at the Gym Annex Friday, Feb. 22, at 5 p.m.

Also, the team is looking for a person to act as coach.

Fewer Navy deserters reported in 1984

WASHINGTON (NES)...In fiscal year 1984, the number of Navy deserters dropped to its lowest level in more than 10 years, according to information released by the Naval Military Personnel Command.

The number of Navy desertion incidents in 1984 fell to 5,752 — significantly less than a record 14,539 desertions in fiscal year 1979.

Additionally, the number of deserters-at-large dropped to under 6,000 for the first time since 1978. Navy commands also reported 21,662 unauthorized absentees (UA) — down considerably from the 37,548 reported in fiscal year 1980.

Navy officials attribute the sharp drop in new desertions and UAs to better recruits and the improved quality of Navy life. But the decline in deserters-at-large is credited to the Deserter Apprehension Program.

During the '70s, the Navy made little effort to track down deserters. The Navy filed a DD Form 553 — absentee wanted by the armed forces — and waited either for

the FBI to catch the deserter or for his or her name to turn up in a routine police check.

"People were generally just disappearing into the woodwork," said Lt. Cdr. Judith Berry, director of the Deserter Apprehension Program. By fiscal 1980 the number of deserters-at-large had climbed to 9,199.

In 1980 the Navy established 10 absentee collection units around the country — Denver (which has since been disestablished); Seattle; San Francisco; San Diego; Dallas; Philadelphia; Norfolk; Jacksonville, Fla.; Newport, R.I.; and Great Lakes, Ill.

Master-at-arms and other people assigned to these units investigate desertion cases. While they don't make arrests, "they cause people to get arrested," said Lt. Cdr. Berry. Shipmates are interviewed and service records scoured. Next-of-kin are contacted and previous leave addresses checked. When a deserter is located, local police make the arrest.

The Deserter Apprehension Program

also uses the postal system to locate deserters. The Navy recently sent letters to long-term deserters and their next-of-kin. As a result, the surrender rate tripled over a three-month period.

There are some people who don't even know they're listed as deserters. "Parent commands sometime fail to record discharges — 33 turned up in the last mail-out," said Lt. Cdr. Berry.

While the Deserter Apprehension Program cut away at the number of deserters-at-large, the Navy rate of new desertions also declined. The 14,539 sailors who deserted in 1977 represented a rate of 3.2 percent. Less than 1.2 percent deserted in 1984. At least one deterrent has played a role in the decline.

According to Lt. Cdr. Berry, "people were deserting for a set of new orders." At one time, the Navy sent apprehended deserters to a new command in the area where they were caught. If caught on the West Coast, deserters were assigned to a command on

the West Coast. In 1980 the Navy changed its policy — deserters are now returned to their original command.

However, even with substantial progress, the Navy still leads the other services in per capita desertions (1.16 percent) and UAs (4.35 percent). In 1984 the Marine Corps desertion rate was 0.97 percent, Army 0.61 percent and Air Force 0.03 percent.

Navy officials attribute most deserter and UA incidents to the hardships of Navy life. "As long as Navy personnel are faced with the rigors of shipboard life and the resultant family separations, we're going to have a large desertion ratio," said Lt. Cdr. Berry.

"But we want our sailors to be aware that the Navy considers desertion a serious offense. It will not be tolerated, and we will continue to expand our program and aggressively pursue those who choose that avenue."

MIKE'S LAB by Bill Erwin

