

Desert Empire Fair runs through Sunday night

It's fair time in the Indian Wells Valley!
Today marks the third day of the Desert Empire Fair's five-day run at the fairgrounds in Ridgecrest. Gates open at 5 p.m. tonight and close at midnight. Tomorrow (Saturday) and Sunday, fair goes on. On Saturday the fair closes at midnight and Sunday, the 1985 Desert Empire Fair will go into the history books at the end of the annual Demolition Derby.

Scheduled tonight are sheep shearing and

wool spinning demonstrations, root beer chug-a-lug contest, the Steve McQueen Memorial Stunt show and a variety of live music.

Also, exhibit buildings will be open and the midway will be in full swing with rides, games and food.

Large and small rides are featured at any fair and the Desert Empire event is no different. This is a back-to-basics fair according to Earl Powers, fair manager, with the assortment of amusement rides and

carnival barkers seeking customers for their games of skill.

Agriculture is growing in importance in the valley and at the fair. Several 4-H Clubs are expected to participate this year and there will be animal judging for the first time in the history of the fair. This year it will be sheep, poultry and rabbits. Swine and beef classes are in line for the 1986 fair if all goes as anticipated.

Also planned is a 4x4 truck pull tonight, a 4-H horse show tomorrow, an open horse

show tomorrow, visits by Jingles the Clown and a pie-eating contest for youngsters.

And, tomorrow at 10 a.m., the Desert Empire Fair Parade steps off down China Lake Blvd., headed for the Kern Desert Park.

Parking at the fair is free of charge and is supervised by Ridgecrest Police Explorers.

Admission charges are \$1 for youngsters 7 to 17 years of age and \$2 for adults. Children six years old and younger will be admitted free.

This is the 35th Annual Desert Empire Fair and is pegged as the best yet by fair management.



The Enlisted Mess invites its members and guests to an evening of dining with lobster dinner being the special. Dinner is served from 6 - 9 p.m. Saturday, the dining room is closed, but the main lounge is open for grill service only.

The EM also invites its members and guests to Wednesday night discos featuring "Upstage" (Top 40) by Steve Malan. Admission is \$1 per person with an Attitude Adjustment Hour beginning at 4:30 p.m. Complimentary snacks are available.

Due to the holiday Monday, October 14, the following businesses will be closed: The Commissioned Officers' Mess; the Chief Petty Officers' Mess and the Enlisted Mess. The ESB Barber Shop will also be closed on Saturday.



"THE MESSIAH"—Singers from throughout the community were at the All Faith Chapel on Sunday to try out roles in the Christmas portion of Handel's "The Messiah." The oratorio will be performed on Dec. 8 and 9, following four rehearsals.

Agency links seniors with assistance

"We consider ourselves a linking agency to connect seniors with any other service they might need," says Lou Burrows, spokesperson for the East Kern County Senior Information and Referral Service (I & R).

While there are quite a few seniors who utilize the I & R, "There are an awful lot of seniors who don't know about the programs available to them," continues Mrs. Burrows.

Mrs. Burrows says that her agency is willing to go into homes of those who are homebound, and will contact agencies on behalf of seniors.

"Our information is for and about seniors," stresses Mrs. Burrows. The agency is more than willing to talk to non-seniors with concerns and questions regarding seniors.

seniors a year," she says and notes that some of the seniors utilize the programs quite often.

I & R is able to operate out of its office on 231 Station St. due to aid from the United Way, which has paid the rent for I & R for the past five years.

For more information contact Mrs. Burrows at 375-4322.

NEX news

A Pre-Holiday Sale, already in progress, which features Lenox China and Crystal can save Navy Exchange shoppers up to 30 percent on items. This sale will conclude Oct. 26.

Also already in progress is the Fisher-Price Toy Sale. Sales include toys for various ages including small toddler toys.

ITT office moves to new home on Oct. 16

The Information, Ticket and Tour (ITT) Office will be closed Tuesday, October 15 for relocation to the China Lake Players Building (Bldg. 33) on the corner of Lauritsen and Blandy. Regular business will resume on Wednesday, October 16, 9:30 a.m. to 5:30 p.m. Phone numbers will remain the same.

This sale will last until October 13.

The NEX will be having a Navy's 210 Birthday Sale October 12-19. Included in the sale items is a 20 percent discount on various men's accessories and apparel. Included in this Birthday sale is a ONE DAY ONLY, October 14, Columbus Day Sale. Items vary from jewelry and clothing to candy.

Ski Club sets party Oct. 17

China Lake Ski Club will hold its annual membership party at John's Pizza, October 17th at 7 p.m. Anyone interested in learning more about the China Lake Ski Club is welcome to attend.

The club will provide free beverages for a limited time and show a ski film. There will also be a short slide presentation showing the cabin at Mammoth and some of the annual events.

Movies

FRIDAY, MONDAY	"PRIZZI'S HONOR" Starring Jack Nicholson and Kathleen Turner (Comedy-Drama, Rated R, 129 min.)	OCT. 11, 14
SATURDAY	"HIGHEST HONOR" Starring John Howard and Aki Kaurismaki (War-Drama, Rated R, 99 min.)	OCT. 12
SUNDAY	"SUMMERSPELL" Starring Dorothy Holland and Frank Whiteman (Drama, Rated PG, 92 min.)	OCT. 13
WEDNESDAY	"GYMKATA" Starring Kurt Thomas and Techie Agbayani (Action-Drama, Rated R, 90 min.)	OCT. 16
FRIDAY	"BEVERLY HILLS COP" Starring Eddie Murphy and Judge Reinhold (Comedy, Rated R, 105 min.)	OCT. 18

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

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



	Max.	Min.	Peak wind
Fri.	95	53	17 knots
Sat.	99	57	25 knots
Sun.	90	65	29 knots
Mon.	80	59	28 knots
Tues.	77	58	34 knots
Wed.	61	51	25 knots
Thurs.	75	51	22 knots

All measurements are made at Armitage Airfield.

U.S. Government Printing Office: 1985 - No. 20023

FROM: _____ PLACE STAMP HERE

TO: _____

who are working on the directory. Included on the postcard should be the individual's name, address, telephone number, and number of years worked at NWC.

Send postcards to: W. E. Davis, 235 Apache Lane; John DiPol, 836 W. Howell St.; Bob McKenzie, 620 Sylvia St.; Jean Rollington, 131 Silver Ridge Dr.; or Don Yockey, 222 N. Peg St.

Postcards also can be sent to Louise Mitchell, PO Box 2076, Inyokern, 93527.

Retired employee roster nears publication

Publication time is nearing for a directory listing the names and addresses of former Naval Weapons Center employees who are retired but have continued to live in the Indian Wells Valley, or within a radius of 100 miles of the local area.

Purpose of the directory is to enable its recipients — all those who participate by sending in their names and addresses — to remain in contact with their former associates and friends who once worked at NWC.

At the present time, a handful of volunteers has compiled information on more than 260 ex-employees of the Naval Weapons Center who are now retired and living within the Indian Wells Valley and its environs.

Others who still wish to be included in the NWC retirees' directory, but haven't yet responded to the inquiry for information, still have time to do so by sending a postcard no later than Friday, Oct. 18, to any of the following Ridgecrest residents

Obstacle race highlights Navy birthday party



Among the highlights of the Oct. 19, 1985 Navy Birthday Celebration at the Naval Weapons Center (NWC) will be the First Great China Lake/Ridgecrest Obstacle Race at 1:30 p.m. Teams representing Naval Weapons Center management, City of Ridgecrest management, China Lake Contractors and the Ridgecrest Chamber of Commerce Military Affairs Committee will vie for the championship in a series of challenging tricycle obstacle course races.

The NWC team includes Capt. K. A. Dickerson, Burrell Hays, Capt. Paul D. Stephenson and Bill Porter. Representing the City of Ridgecrest will be City Council members Flo Condos, Tom Wicknick, Mike Mower and Jim Pearson.

Other entertainment planned for the afternoon includes a free concert from the Burroughs High School Band in Front of Naval Weapons Center Headquarters Building and the dunk tank where visitors can have a chance to get someone very wet.

The NWC Recreational Services Department is sponsoring mud volleyball competition and mighty tug-of-war contests starting at 2:30 p.m. on the north side of the Headquarters Building.

Aircraft used at the Naval Weapons Center will be displayed in the Michelson Laboratory Parking lot. Included in the display will be an A-7E Corsair II, A-6E In-

truder, A-4 Skyhawk, F-86 Sabre jet, F/A-18 Hornet and a Cobra helicopter from Air Test and Evaluation Squadron Five (VX-5). NWC personnel will be on hand with each aircraft to answer questions.

Many NWC departments will also have displays around the parking lot perimeter as will some area contractors. In addition, the Vintage Military Vehicle Club will have some of their vehicles on static display.

Visitors will be able to take self-guided tours throughout Michelson Laboratory and the new, 60,000-square-foot engineering building.

Inside Michelson Laboratory guests will see displays from NWC departments, films about the center, including one on the "Flood of 1984" and demonstrations of technology as used at the Naval Weapons Center.

The tour stops will include the Central Computer Area where Central Staff Department personnel will be on hand to answer questions and the Photographic Wing of Michelson Laboratory where visitors can see examples of photography used in test analysis at NWC.

In the new engineering building, just completed earlier this year, the tour will be highlighted by demonstrations of the Engineering Department's Interactive Graphics capabilities. Interactive Graphics

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VLA motor development brings TD Award

Their outstanding contribution to the success of Vertical Launch ASROC (VLA) motor development earned Harold Platzek, Howard Payne and George Sieg the Technical Director's Award.

When Burrell Hays made the presentation at a recent Commander's meeting, he noted that their achievement was truly outstanding because what had been planned as an orderly advanced development project turned into a full scale development project half way through the project. Hays noted that the quality of their data package made follow-on work possible.

Platzek became task team leader for the

VLA rocket motor EX 114 Mod O development in fiscal year 1982. His organizational, managerial and technical abilities enabled the completion of the rocket motor design and development in only two years.

During that time, 28 motors were manufactured at NWC, 21 static fired, and three were provided in support of developmental flight tests. NWC then delivered an authenticated level 2 documentation package to the production engineering contractor that included specifications and procedures.

Payne was the principal mechanical engineer for the rocket motor design,

where his knowledge in the structural, thermal, producibility, materials and performance aspects of solid propulsion design proved essential to the successful development of the VLA rocket motor.

His close interaction with NWC shops ensured successful development flight tests in July and September 1984. Payne was primarily concerned with the mechanical aspects of the motor in addition to his quality assurance work with the machine shop.

Sieg was the principal propellant and processing engineer. He was tasked to develop a propellant liner system to meet the ballistics, physical properties and pro-

cessability requirements for the rocket motor.

He developed the rocket motor processing plans and schedules, directed design and manufacture of a complex system of processing tooling, and supervised the processing of seven lots of rocket motors (28 units) and assembly of 25 of these units. Sieg was also praised for his meticulous attention to the documentation of design and processing and assembly procedures that assured the quality and producibility of the VLA rocket motor.

All three men are long-term China Lake personnel. Platzek, an aerospace engineer in the Systems Technology Branch of the Ordnance Systems Department, has been a Center employee since 1956. Payne, another aerospace engineer, who works in the Solid Propulsion Branch of Code 32, has been on board since 1965, and Sieg, a chemical engineer in the Propellants Branch of the same department, since 1967.

Cdr. Erickson honored at ceremony

At a quarters ceremony held last Friday morning at Hangar 3, Cdr. Richard O. Erickson, head of the Aircraft Support Division, was the surprised recipient of a Commander's Award presented by Capt. K. A. Dickerson.

The Skipper noted that this award, the highest which he is able to present, was appropriately given to Cdr. Erickson because of both the substantial increase in the number of flight hours of RDT&E aircraft at the Center and the increased availability of these aircraft. In addition, increased morale is evident within the personnel serving in his operation.

During 1984, Capt. Dickerson reported, NWC aircraft flew 5,567 hours in support of

(Continued on Page 3)



HARD WORK PAYS OFF — Burrell Hays and John Robbins (far r.) who heads the Vertical Launch ASROC program, join with the three latest recipients of the Technical Director's Award. Left to right, the men are Harold Platzek, George Sieg, and Howard Payne, after receiving this honor. — Photo by PH2 Rick Moore



Divine Services

PROTESTANT	
SUNDAY WORSHIP SERVICE	10:30 a.m.
SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing)	9 a.m.
BIBLE STUDY (East Wing)	
Tuesday 7:30 p.m. (Nursery provided) Sept. through June	
Wednesday 11:30 a.m. Sept. through June	
Thursday 7:00 p.m. Officer's Christian Fellowship	
	Christian Military Fellowship
ROMAN CATHOLIC	
SUNDAY MASS	9:00 a.m.
CONFESSIONS (Sunday)	8:15-8:45 a.m.
COMMUNION SERVICE (Monday)	11:35 a.m.
DAILY MASS (Tuesday through Friday)	11:35 a.m.
CONFESSIONS (Friday)	4:30-5:00 p.m.
RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May	10:30 a.m.
JEWISH	
WEEKLY SERVICES (Friday, East Wing)	7:30 p.m.
ADULT EDUCATION (Saturday, Annex 4)	9 a.m.
RELIGIOUS SCHOOL (Sunday, Annex 95)	9 a.m.
Chaplain J. Milton Collins, Capt., CHC, USN	
Chaplain A. J. Smith, Cdr., CHC, USN	
Chaplain Jason E. Knott, LCdr., CHC, USN	
Phone, NWC ext. 3506, 3507	

NWC HOTLINE Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)

or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)

Claims Office in QA Division, Warehouse 24

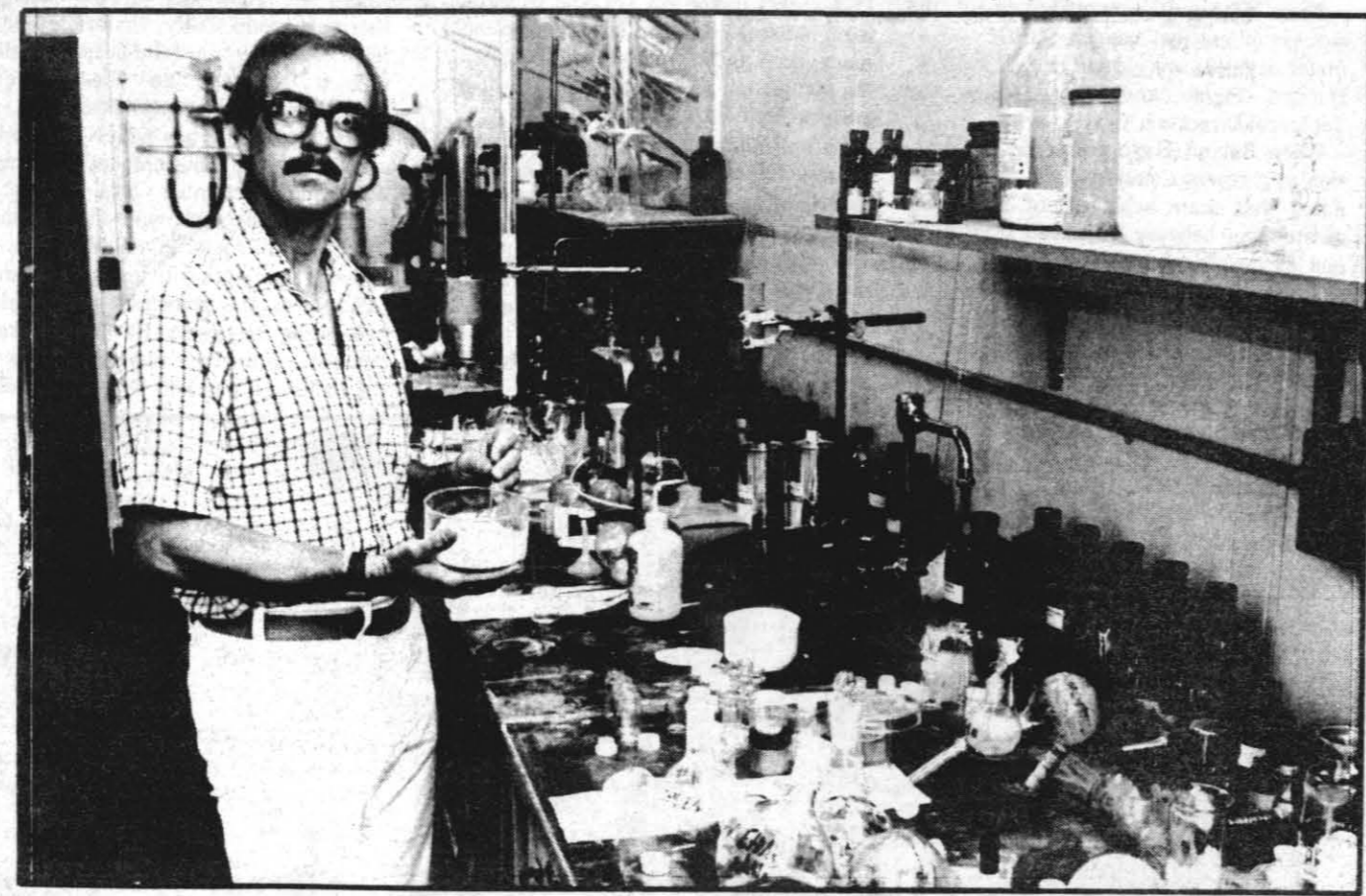
The Naval Weapons Center Claims Office is now located in the Quality Assurance Division Office (Code 253) in Building 1033 (Warehouse 24). The claims investigating officer is Cathy Chipp. The types of claims to be submitted to this office are as follows:

Household goods: For damaged or missing items incurred while in transit or in storage during a PCS move. This pertains to both military and civilian personnel moving on either a Government Bill of Lading (GBL) or by the commuted rate method.

Personal property: For personal property damaged or stolen while on Center or on official travel.

Housing claims: For damage to personal property in Center housing (e.g. broken water pipe floods house and ruins carpeting.)

If there is any doubt as to what type of claim to file or with whom to file, please contact the Claims Investigating Officer at NWC ext. 3488.



Dr. Vanderah joins Center through job exchange

Programs leading to a win-win situation are rare, but such a program is available to Naval Weapons Center managers and supervisors: The Intergovernmental Personnel Act (IPA) Mobility Program.

The provisions of this act, which permits exchanges of personnel between Federal agencies and laboratories on one hand and institutions of higher education on the other for the mutual benefit of both, has brought Dr. Dave Vanderah to the Chemistry Division of the Center's Research Department for this academic year.

Dr. Vanderah teaches chemistry at Chatham College, a small liberal arts college at Pittsburgh, Pennsylvania. He spent both the summer of 1982 and of 1984 at NWC under the auspices of an Office of Naval Research program for the American Society for Engineering Education.

"I was incredibly impressed with the people here and fell in love with the type of projects," he says. "When I planned to apply for a sabbatical from Chatham College, it seemed only logical that I apply here."

Dr. Ron Atkins, who heads the Chemistry Division, said that he had long sought a program like the IPA, but had not known of any. When George Linstead, head of the Center's Industrial and Governmental Liaison Office, told him about it, Dr. Atkins noted that "it seemed ideal for our needs."

He adds that "It was especially easy for me, because George Linstead and Mary Finders carried through the necessary paperwork, so all I had to do was to get Dave to agree to spend this year here."

Under the terms of IPA personnel exchanges, the Center reimburses the college or university for the salary and benefits of the faculty member and pays for that person's travel to and from China Lake for the specified length of stay. Although the visiting faculty member is treated as a government employee from the standpoint of being able to go on travel, to get a security clearance if needed, and to become part of project work, that person is not charged against NWC billets nor do normal billing for overhead charges apply.

Dr. Atkins points out that students at the colleges and universities involved in such a program also benefit because faculty members become aware of the kind of research in which the government is interested. "By knowing applied aspects of their studies, they become more aware of job opportunities," he adds.

Dr. Vanderah is involved with the synthesis of energetic materials. He's enthusiastic about the opportunity that he's had to work at NWC with the seven Center chemists in that field.

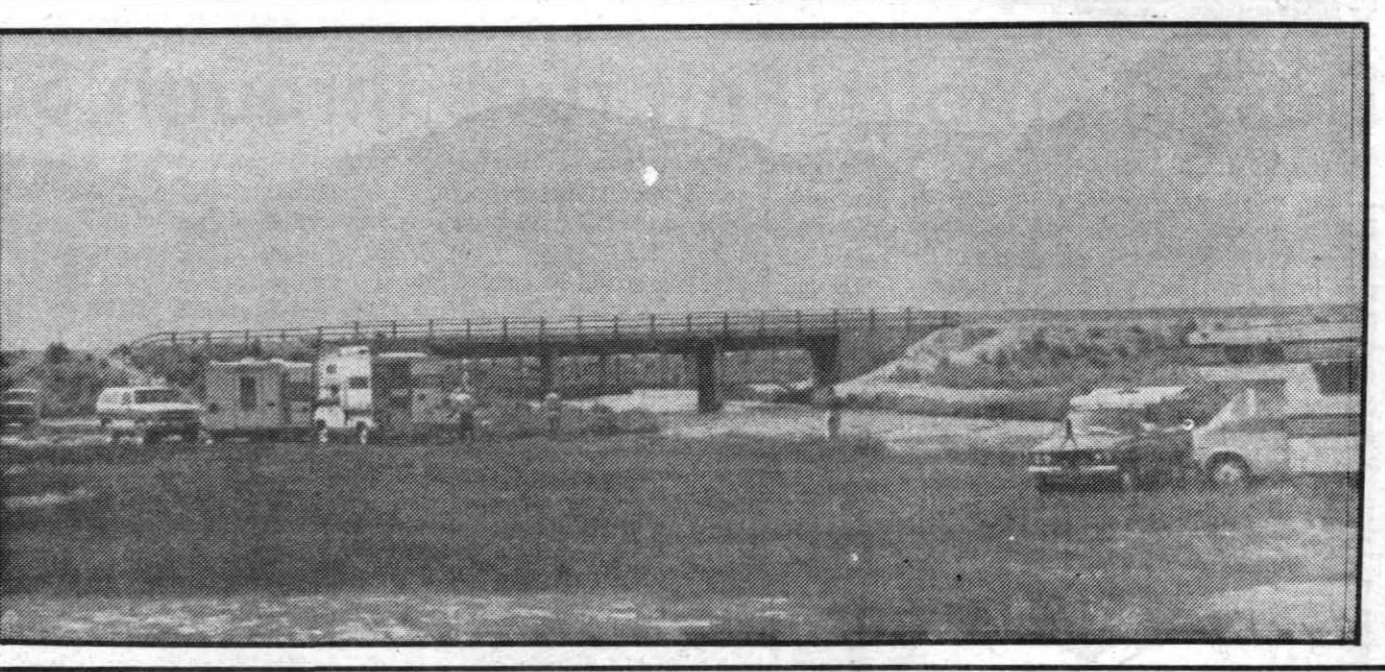
"Since there are only about 50 chemists in the whole country involved in such synthesis, this is a remarkable opportunity for me," he says. "I hope that I'll be able to make this a two-way benefit by publishing our results."

Such an expectation is highly realistic because he co-authored two papers published in the Journal of Organic Chemistry out of his first summer's work here. He adds that "I think three or four papers will follow from this year's research that I'm doing with the NWC research team."

Although spending a lot of hours in the Chemistry wing of Michelson Laboratory, Dr. Vanderah is also taking advantage of the outdoor activities available in "this beautiful, sunny, warm area, which is a lot different than Pittsburgh," in his words. He's enjoyed climbing in the Sierra Nevada mountains along with other outdoor activities.

"There are so many beautiful areas close to here," Dr. Vanderah notes. "It's really a very nice spot on the globe."

FISHING HOLE — One of the most popular fishing areas on the Owens River is at the Benton Crossing Bridge. Any weekend during trout season visitors can find motorhomes, campers and tents by the dozens parked at the unofficial campground along the river. Anglers can work the pools and eddies long the upper Owens or follow it to where the river flows into Crowley Lake. Normal limits apply to the river all year, while Crowley now has an 18-inch minimum, two trout limit for the rest of the 1985 general trout season.



Youngsters keep busy with Youth Soccer play...

(Continued from Page 6)

goalies Hayden Wilson and Richard Christenson that preserved the win. Blizard coaches felt the squad played a good game despite the loss to a strong Sting team.

Earthquake 4, Aztec 1

The Aztecs were simply outgunned and outshot. Chris Benson, Hugo Montes, Paul LeBlanc and Chad Killinger were team leaders. Tom Foisy ripped the opposition for three goals and Joe Tuipala notched the other for the winners. Mike Frederick's

play in goal helped preserve the easy win.

DIVISION THREE
Tornadoes 3, Surfs 3

Ted Mechtenburg scored two of the three Tornadoes' goals and assisted on the other, a shot by Davey Lawrence for a 3-3 tie contest. It was a fast-paced game as Chris Marshall scored twice and Scott Becker once for the Surfs. The Surfs saw a 3-1 edge vanish in the second half.

Rogues 5, Sounders 1

Behind a two goal performance by Mike Graves and solo goals by Larry Flores,

Philip Johnson and Jamie Scholl the Rogues were easy winners. Becky Wilkins and Steve Lundwall keyed the defense. Strong teamwork gave the Sounders a good performance at both ends. Mike Kinne, Jeff Bradley, Brian Giesen and Loren Letsche played good games.

Diplomats 1, Roughnecks 0

Despite playing shorthanded, the Diplomats held off the Roughnecks. Mike Strathdee scored the only goal with a last quarter shot. Brad Bays and Andy Scott keyed the defense. The Roughnecks got

solid performances from Chris Maloney, Thomas Watt, Matt Frazier and Charles Eberhart in defeat.

Whitecaps 3, Kicks 2

The final outcome was in doubt right to the final whistle. The Whitecaps were led by Michael Sieg's scoring and the overall play of Carter Jones, Jeremy Slater and Danny Moldenhauer. Jason Rainwater and Alex Valdivia scored for the Kicks while Natalie Noel, Nathan Walters, Erik Martin and Nathan Nickell were credited for good overall play in the loss.



HARD KICK — Youngsters in the NWC Recreation Services Youth Soccer Program are three weeks into their fall season. The kids can be found Saturday mornings at Knox Fields and Davidove Field doing their best to have fun and maybe even win the game. — Photo by PH2 Rick

Birthday party...

(Continued from Page 1)

allows the designer's creativity to interact with displays on computer terminals and allows engineers to design or change designs of weapons system components in a fraction of the time needed with drawing board methods.

Community organizations will sell food and drink to visitors in front of the NWC Headquarters Building. These groups include Indian Wells Valley Search and Rescue Team, Sister City Association, Indian Wells Valley TV Boosters and Air Test and Evaluation Squadron Five (VX-5). No food or drink will be allowed inside Michelson Laboratory.

The birthday celebration of 210 Years of Pride and Professionalism in the U.S. Navy will conclude at 4:30 p.m. Oct. 19.

Storm may improve hunting

Deer hunters in the Scoddes and Paiutes haven't done very well so far this season due to the hot and dry conditions. Winter storms in the high country may improve hunting.

The D-17 area (east of Highway 395 and south of Highway 168) opens this weekend.

Bear hunters on the eastern side of the Sierra haven't had much success — a shortage of bears in that region being the main reason. There are a lot of bear in the southern Sierra and on towards the western slopes. Bear season there opens this weekend.

Trout season nears end for Eastern Sierra area

Trout season is nearing the end for 1985 in the Eastern Sierra Region including all of Mono County and most lakes and streams in Inyo County.

Weather has turned nasty in mid-October in the high country. As of Wednesday morning chains were required to get to Mammoth Lakes and more than five inches of snow had been reported at Lake Sabrina west of Bishop.

The latest fishing reports indicated good fishing for larger than usual planted rainbows at Sabrina. Baits worked good most of the day and the bubble-fly combination was hot for evening fishing at both Sabrina and South Lakes.

North Lake was giving up good numbers of small browns and brookies to anglers using a bubble-fly combo.

At Rock Creek Lake it was the marshmallow-salmon egg combination that produced best results. Rainbow trout were also being taken on nightcrawlers. Rock Creek was fair to good with eggs and worms, especially the Mosquito Flat area of the creek.

Crowley Lake is still yielding good sized browns to anglers using barbless hook flies on the backside of the lake. Shore fishing only is allowed at this time. Convict Lake fishing was reported as only fair.

Lakes Mary and George in the Mammoth area were good for pan-sized rainbows with flies producing the best results in mornings and evenings. Twin Lake was giving up good size browns on flies.

In the June Lake Loop, worms and eggs worked best on Silver Lake and Ruth Creek while marshmallows for shore anglers were best on June and Gull Lakes.

In the Bridgeport Area, Twin Lakes were yielding browns up to seven pounds with Rapala lures working well for trollers.

Fall colors have peaked in the mountain canyons and won't last long with the storm that moved in on Wednesday.

Basketball loop sought at NWC

Wednesday, Oct. 23 has been set as the date for a meeting of anyone interested in playing in an Intramural Basketball League at China Lake. The meetings will be held at 4:30 p.m. in the NWC Gym.

The league will be open to all eligible personnel. Games will be scheduled after normal working hours.

Hideaway team grabs the lead

With a 51-29 record, the Hideaway bowling team moved into the lead of Premier Bowling League standings. Last week's leader, Buggy Bath, fell to fourth place while Modern Trophy moved into second with a 48½-31½ record.

Modern Trophy bowlers took team honors this week with a 754 team game and a 2,192 team series.

Parking restrictions planned

Parking will not be permitted in the main Michelson Laboratory parking lot after 6 a.m. Friday, Oct. 18 as the Naval Weapons Center prepares for the next day's Navy Birthday Celebration that includes static displays of aircraft in the main parking area.

NWC employees are reminded that parking spaces will be at a premium on Oct. 18 and are urged to share rides where possible to ease congestion.

Employees leaving on travel should make arrangements to park their vehicle somewhere other than the main parking lot.

The Michelson Laboratory parking will return to normal on Monday, Oct. 21.

NWC Rocketeer

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CENTER WINS — Dr. Dave Vanderah has joined the Research Department's Chemistry Division for the academic year in a win-win situation that brought the Chatham College professor to the Naval Weapons Center under the Intergovernmental Personnel Act Mobility Program.

Cheap scrap wood available

Users of scrap wood can take advantage of a tremendous bargain offered by the Defense Reutilization and Marketing Office at NWC (at Warehouse 41). Broken pallets, skids, crates and other items that could make great kindling are for sale at \$2 per truckload. These will be sold between 8 and 10 a.m. and from 1 to 3 p.m. on weekdays excluding holidays.

Those planning to purchase wood are asked to bring proper safety equipment such as gloves and goggles.

Further information can be obtained by telephoning the DRMO at NWC ext. 2502 or 2538.

Youth Soccer League offers fun for youngsters

Three divisions of Naval Weapons Center Youth Soccer teams were back in action on Saturday. The 28 teams in the loop will continue play through Nov. 23.

DIVISION ONE

Coyotes 3, Cobras 0

Reed Christensen scored all three goals as the Coyotes rolled past the Cobras. Defense by Walt Girardot and Aaron Booth helped the winners. Ronald Green and Scott Matthews were credited for strong play by the Cobras's coach.

Fury 3, Rowdies 2

Two goals by Larry Cordell paced the Fury offense in the win against the Rowdies. Tracy Thornberry had the strong offensive performance in the win. The Rowdies' Mike Hobson and Jeff Janson played tough games in the narrow defeat.

Apollos 6, Chiefs 0

Easily blowing by the Chiefs, the Apollos used two goals each from Louis Moore, Glen Baker and Jon Mickelen in the 6-0 win. Neil Covington's offensive play sparked the Chiefs while Jesse Owen was their leading defensive player.

Roadrunners 1, Owls 1

Mike Ross notched the only goal of the game for the Roadrunners while goalies Frank Gamble and Daniel Francis made five saves. The Owls game back to tie the game on Ian Lellis' second half goal. Scott Johnson and Bryan Kash were key defenders.

Eagles 5, Express 0

A strong Eagles attack got goals from Chris Kajiwara, Seth McDonald, and Kris Fisher for a 5-0 easy win. The Express, blanked in the loss, got strong games from Chris Patten and Jason Lint.

DIVISION TWO

Timber 3, Strikers 1

Andy Lopez, Brian Hire and Todd Redmond accounted for all Timber scoring as they nipped the Strikers. Chris Thornberry and John Hutmacher turned in top defensive efforts.

Lancers 2, Cosmos 1

Garrett Katzenstein was the key offen-

sive player for the winners, scoring a goal and setting up the other with crisp passes. Dennis Sarrett keyed the defense. For the

Cosmos, Damon Kelling notched the only goal while Brian Beecroft was credited with a strong performance in the loss.

Socket 1, Drillers 1

The Drillers tied the score on a free kick by Tory Flores while getting strong play out of Issac Curran and Miranda Varney. The Sockers got their lone goal on a good play by Andrew Gradowski. Coaches credited the defensive work of Mark Castillo, Ryan Lilly and Miles Ross for the tie.

Sting 4, Blizzard 0

Goals by Wesley Mouw and Mike Ogren keyed the victory, but it was the play of

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Sports



LITTLE ONES — Few kids are too young to learn and enjoy youth soccer at NWC. The Recreational Services Department program for kids in grades 1-6, stresses team play and having a good time while learning soccer fundamentals. Their season continues through Nov. 23. — Photo by PH2 Rick Moore

Scorpions rally to maintain share of first spot

Overcoming nearly 80 minutes of frustration, the Scorpions Under-19 Soccer Club rallied to force a tie with the Victorville Mustangs, 1-1 on Saturday.

Home cooking, say Scorpion coaches, is the key to winning in the Inland Empire Youth Soccer League. Except for winless Yucaipa, no league team has lost at home in the first six games. Only two have had to settle for a tie, one of them being Victorville against the Scorpions last Saturday.

At 35 minutes of the first half, the Mustangs scored on a breakaway goal by Darrell Jones, the Victorville ace who has trained with the U.S. National Youth Team.

The Scorpions, hampered by injuries to some players, and by impact of the flu on others, just couldn't cash in on scoring opportunities in the first half.

This was a mid-season battle by front runners in the league. It took a strong late rally to gain the tie. Doug Dragovich hammered the ball off the hands of the Vic-

torville goalie for the goal that kept the Scorpions in a first place tie with Victorville and Rialto's Blast. The Scorpions, however, just allowed just 3 goals compared to 14 this season by the Mustangs and 12 by the Blast.

It took a sensational save by Jason Cherry in goal to preserve the tie as Jones tried to make it two goals in one game.

The Scorpions Under-19 team is idle this weekend. Next Saturday the Scorpions will host San

Bernardino's Cosmos team as IEYSL play resumes for the Ridgecrest squad and on Sunday, Oct. 20 the Scorpions visit a rugged Rialto squad for a key contest between leaders.

Team	W	L	T
Scorpions	3	1	
Mustangs	3	2	
Blast	3	2	
United	3	1	
Cosmos	2	2	
Aztecs	0	6	

Team in second place

Under-16 squad grabs two easy road wins

Ridgecrest's Under-16 Scorpion soccer team ventured South and returned home with two victories.

On Saturday, in an obvious mismatch, the Scorpions blew away the Rialto Blasy by a very unscorerlike score of 13 to 2. All the Scorpion forwards and midfielders contributed to the scoring with one goal thrown in by the defense for good measure.

Tom Caves celebrated his birthday by scoring his first two goals since joining the Scorpions. His first goal came on a penalty shot with his second goal scored off a nice crossing pass by Armando Valdivia. Bob Burge played a solid defensive game and Chris Johnson made several excellent lead passes from his midfield position.

The second game was against the Moreno Valley Cosmos, one of the teams vying for first place. The Scorpions gave up the first

goal in this match, but came back to score five goals before the final gun.

Matt Mechtenberg set Chris Johnson up for a tally on an excellent pass, then Johnson set up a score by Matt Zeigler. The Scorpions scored early in the second half on the same combination, followed by a Zeigler shot deflected by Caves into the far corner of the goal. The final score was a penalty kick converted by Mechtenberg.

Besides the Scorpions precise offensive play, Scott Hamilton and John Dykema played tough defense, especially in the second half of both games.

The Scorpions now hold second place in the Inland Empire League. Tomorrow the Scorpions host the San Bernardino Cosmos in Ridgecrest at 1 p.m. at Murray Southwest.



The Skipper Sez...

QUESTION

Military — Why can anyone get gas at the base station without getting carded or checked for I.D.? I have gone in several times and wasn't carded. The attendant working said that they look at the sticker on the cars. I was wondering if they're supposed to check I.D. or the vehicle stickers. If they're supposed to check the stickers, that means any civilian employee is eligible to buy gas at the base station, which takes away another military privilege. I would appreciate an answer in the Skipper Sez column. Thank you.

ANSWER

Navy Exchange Manual paragraph 2422.6 states: "Authorized Exchange patrons, when making purchases in the service station, may be identified by station vehicle identification decalcomanias or stickers in lieu of other types of identification provided such decalcomanias or stickers can positively identify the individual as an authorized person."

Currently, DOD vehicle stickers are issued along with an activity identification sticker and stickers to annotate the month/year of expiration. The activity identification stickers are issued as follows: Blue — Officers; Red — Enlisted; Green — Civilians; and White — Contractors.

If a vehicle displays a blue or red activity no further identification is required. Further identification is required from the drivers of vehicle displaying green or white activity identification stickers. If it is then determined that the individual is not an authorized patron, the individual's name, code/employer, work phone number and vehicle license number is obtained. The individual is then informed that the Navy Exchange is for authorized patrons only and that his employer will be contacted if any further attempts to utilize the Navy Exchange are made. You have not lost any privileges, I have just tried to make things more convenient for you.

QUESTION

Military — Can NWC or Public Works put speed bumps in military housing? It would cut down on speeders, and be safer for the children, especially in Capehart B housing. There hasn't been an accident that I know of yet, but due to the number of children in the area, it's bound to happen sooner or later. I'd appreciate an answer to this question as soon as possible.

ANSWER

The Traffic Safety Council has reviewed on more than one occasion the feasibility of placing speed bumps in the military housing areas. There is always concern in housing areas for children's safety from motorists; however, speed bumps would not be a viable solution. Speed bumps in themselves cause additional problems, such as hindering the speed of emergency vehicles. An alternative solution is to increase the police patrols in this area. The China Lake Police Department patrols the housing areas regularly now, but will place added emphasis to this concern. Coupled with increased police surveillance, more active involvement of parents in watching their children and training them to avoid playing in and around streets, can significantly reduce the potential for an accident.

Air China Laker, 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 Rockeater 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.

Product substitution seen as contractor problem

The idea of contractors substituting inferior materials for higher priced contracted materials is not new. But when contractors deliberately attempt to deliver substitute products that don't meet DOD specifications, the results can be disastrous, not only to valuable national security equipment, but to the men and women who work with it.

According to a recent DOD report, product substitution has been identified as the most critical fraud-related problem in the Defense Department.

Secretary of Defense Caspar W. Weinberger said product substitution "continues to pose a serious problem in our efforts to develop and maintain the readiness capability necessary for a strong national defense."

Detecting product substitution problems should be a top priority for all DOD personnel, said Weinberger, who asked for "all civilian employees and military personnel to be particularly attentive to possible indicators that show problems exist."

Some cases in point:

Air Force B-52 bombers are an integral part of this nation's defense capabilities. One contractor apparently wasn't thinking in those terms when he substituted inferior bolts used to fasten the wings to the main fuselage of the B-52. Wing bolts that met contract specifications were shown to inspectors, but inferior bolts were actually shipped to the Air Force.

Another contractor didn't place too much importance on the safety of our airborne

personnel. This particular contractor was required to provide parachute cord that would withstand certain strength tests. It was later discovered that substandard cord had been delivered to DOD for six years. Further tests revealed the cord was more than 25 years old, was completely inadequate, and had even been dyed to disguise its age.

Contractors who substitute products and endanger the state of readiness can increasingly expect to pay the consequences. Here are some who have:

— A Costa Mesa, Calif., supply company, its president and vice president pleaded guilty to defrauding DOD on the procurement of metal and steel products. The indictment said the two executives would negotiate and get contract awards for specified metal and steel products and then purchase inferior products and provide them to DOD, falsely certifying that they were the proper materials. Full restitution of \$236,938 was made.

— A federal grand jury has indicted a Denver corporation and three of its corporate executives, charging them with supplying substandard products on DOD contracts, falsely certifying that the products conformed to contract specifications, and billing the government for more items than were supplied.

The company has supplied products to all major branches of the armed services and has made parts for at least 26 aircraft for the Air Force.

In recognition of National Handicap Awareness Week, Celebrated annually in October, I wish to acknowledge and salute the handicapped employees who have contributed so much to the Center, the community and the lives of those with whom they live and work. Their expertise and influence are found throughout the center, in all the areas of science, technology, administration and support. The dedication and professionalism demonstrated by handicapped employees are clear indicators to all of us that having a handicap is not the same as being incapable. NWC's continuing success depends on the creativity, special talents and productivity of our work force, and I appreciate very much the many contributions of our handicapped employees.

K. A. Dickerson

Commanders Award to Cdr. Erickson...

(Continued from Page 1)

NWC missions, a record 1,300 hours more than any previous year. And, he added, 1985 looks like it will also be a record year.

Much of this increase is credited to the influence of Cdr. Erickson's personal interest in the well-being of all his personnel. He had numerous personal interviews that provided guidance to those in need and reinforced those personnel already performing satisfactorily.

Cdr. Erickson impressed on his personnel that they were a vital part of a military/civilian team and that their tasks were an important part of the Center's mission. As a result, the interface between military and civilian personnel within his organization began to improve rapidly.

His efforts also began to have an immediate effect in the proficiency of

maintenance functions and his people took increased pride in their work, as evidenced by the dramatically increased availability of aircraft for additional flight hours.

Emphasizing that this award represented appreciation for the military/civilian team on board, Burrell Hays, the Center's Technical Director, joined Capt. Dickerson at the presentation.

Responding to the Skipper's words, Cdr. Erickson said that he had never expected such an award, that this was the proudest moment of his military career.

He told assembled members of the Aircraft Department's military personnel that "You folks out there are the ones who have done the work and are responsible for our being able to meet the needs of the Center," adding that "working with each one of you has been a really rewarding experience."

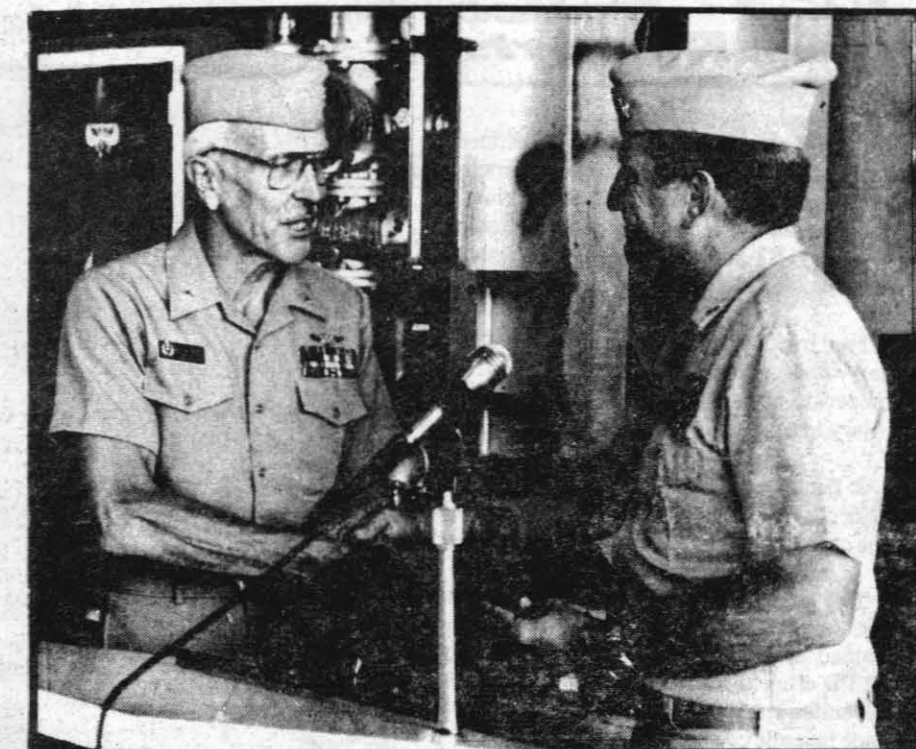
NRS class offered on Center

Those who wish to learn more about programs available to military through the Navy Relief Society can register now for a class to be offered on board from 9 a.m. until 1 p.m. Oct. 21 through 24.

The course will be taught by Joyce Dinage, Executive Director, Long Beach Navy Relief Society Auxiliary.

and civilians are all welcome to take the class. Participants are not obliged to volunteer to work in the local NRS office but those who wish to do so will be welcomed.

For further information or to register, contact the local NRS office at 1811 Lauritsen Road or by phone, 446-4746, during working hours.



COMMANDERS' AWARD — It was a surprised Cdr. Richard O. Erickson who received the NWC Commander's Award from Capt. K. A. Dickerson, Center Commander, last week. Cdr. Erickson heads the Aircraft Support Division of the Aircraft Department.

Steve Zissos cops title to become links champ

With a two-stroke edge over the defending champion, Steve Zissos became the 1985 China Lake Golf Club champion when he turned in a 72-hole total of 152. He edged Tony Karrer, defending champ, who carded a 154.

Brett Bates also fired a 154 and took third place when he matched cards with Karrer. In fourth place with a 155 gross for 72 holes was Burroughs High School student Cory Binns.

In handicap flights, George McChesney

won the first flight with a 135 net followed by Curt Bryan's 141. Bob Hooper fired a 143 and Jerry Lloyd a 146.

Second flight action found Pete McCormick at 137 net while Paul King shot a 139, Ray Banks a 142 and P. Bouchard came in with a 144 total.

J. Byrd won the third flight title with a 135 as he took the honor after matching cards with Dick Zurn who also carded a 135. Frank McElfish took third with a 137 by matching cards with Art Karrer.

Bryan wins MDISL division

Curt Bryan of China Lake captured the senior division title with a 72-hole total of 152 in Mojave Desert Interservice League (MDISL) golf competition held at the Naval Weapons Center golf course.

NWC finished fifth in team standings with 820 while George AFB won the first place trophy with a 780 total.

Ron Decker of NWC finished eighth in the

senior division while Jim Dillon and Bob Keen were 16th and 18th in the division.

Open Division golfers were paced by Mike Lindsey of George AFB with a 149 score. The best China Laker was John Shoaf finishing in 23rd place. John Rhodes was 31st while Jim Armstrong, Bob Corder, Joe Stricheck and Dan Bouchard also were competing for China Lake.

Future stays bright for Naval aviation, aviators

Naval aviation in 1985 bears little resemblance to that of 1910. The progress of 75 years has been dramatic. Naval aviators have progressed far beyond the stick-and-rudder, fly-by-the-seat-of-the-pants days of yore.

Today's aircraft including the new F/A-18 Hornet and the sleek F-14 Tomcat require special skills from the person in the cockpit. It takes sophisticated pilots with



greater technical skills than ever before to be a successful Naval aviator.

Even more special skills and technical ability will be needed by those who fly the next generation of aircraft and the ones that follow.

Computers do more for pilots today, provide them with more information on which to base decisions and control some mechanical functions than dreamed of during World War II.

The National Aeronautics and Space Administration (NASA) has begun testing the latest research aircraft, the X-29, the

first new X-series aircraft in more than a decade.

Featuring a forward swept wing, the X-29 is the most computerized of the X-series and will allow testing of a broad range of advanced aircraft and system technologies than may one day be incorporated into Fleet units.

High-performance aircraft aren't the only things on the horizon for Naval aviation. The V-22 Osprey tilt-rotor aircraft is under development by Bell Helicopter and Boeing Vertol. The first of this twin-engined revolutionary plane is due for prototype testing in 1988. The Navy and Marine Corps plan to use it for amphibious assaults and interdiction tasks.

At the Naval Weapons Center, projects like Cheap Night, the voice-actuated "pilot's assistant" (being worked on by the Human Factors Branch), and more will be used to allow aviators more flexibility in how they carry out their mission.

The U.S. is also working on stealth technology to protect aircraft from the radar detection. Other nations are also

seeking to develop advanced aircraft technology. The British, for example, have designed a Mach-2 plus aircraft featuring a full authority digital flight control system and advanced compound sweep carbon fiber wings.

Space is the last frontier for Naval aviators. Navy pilots have been in the space program from the start. This year the Navy established the Space and Warfare Systems Command to integrate space systems, surface ships and aircraft systems.

While computers will verge on artificial intelligence, aircraft will go more and more to embedded computer technology and many routine aircraft functions will be monitored and handled by computers, Naval aviators will remain in demand for their special skills.

There will always be situations requiring the judgement of a human mind and the Navy's aviation tradition will continue because trained Naval aviators will remain in the cockpit bringing their abilities, training and truly human factors to the aircraft.



Campbell calls Sloan year a great experience

"I can't think of a better way to gain the experience I gained in that year than through the Sloan program," said Robert W. Campbell, who returned this summer from a year-long Alfred P. Sloan Fellows program at Massachusetts Institute of Technology (MIT).

Campbell, now Rolling Airframe Missile Program Manager, was one of 57 mid-career executives from throughout the world who took part in MIT's 1984-85 Sloan Fellowship program.

"You get out of it what you put into it and I guess I put a heck of a lot into it," commented Campbell of the year he and his family spent at MIT.

One of just seven public sector executives

in the MIT program last year, Campbell noted 15 different countries were represented in his Sloan Fellows class and 20 of the 57 students came from the international community.

Arriving at MIT in June of 1984, Campbell said the summer was spent gaining a strong academic background for the course of study which led to a Master of Science Degree in Management. All Sloan Fellows spend their summer taking classes in economics, accounting, management and more. They also attended selected special seminars. Throughout the year he completed courses that included finance, marketing, technology management, corporate policy, quality management and other management courses.

Campbell, who headed the Aircraft Weapons Integration Department's Targeting Division when he left for his Sloan Fellowship, said it was an outstanding experience from start to finish.

Leading his list of experiences during the year was the international portion that included visits to Spain, Hungary, Finland, France and the Soviet Union.

Along the way Sloan Fellows met with both government and industry leaders. "We were able to gain a firsthand perspective on the contrasts in operations between different governments and industries," commented Campbell.

Hosted by the State Committee of Science and Technology while visiting the Soviet Union, Campbell said he gained a real appreciation and feeling for what freedom (in this country) is and how good it is to have that freedom.

Also, Sloan Fellows visited Washington, D.C. to meet government leaders for off-the-record sessions. Chief executive officers from many domestic corporations were invited to participate in seminars on campus and a visit to New York City for a week was also a key part of the program,

during which they visited the CEOs of many Fortune 500 companies.

Because all the sessions with corporate executives and government officials were off-the-record and pretty much limited to Sloan Fellows, answers to questions, said Campbell, may have been more forthcoming and less vague than executives would make in public. The sessions also usually included an opportunity for part of the group to have dinner in a very informal setting with visiting corporate officials, leading to more conversation and questions.

A degree requirement at MIT was a master's thesis. Campbell wrote his on the audit of implementing strategic planning at Motorola's Semi-Conductor Plant in Phoenix. He noted strategic planning is growing in importance in both public and private sectors.

The year as a Sloan Fellow was, "probably the experience of a lifetime," commented Campbell. He called it "a dynamic and diverse gathering of high caliber people you work with every day. You gain as much from the discussions by your fellow students as you do from the professors leading the classes," said Campbell. He also noted Sloan Fellows develop as a pretty close community after a year.

Noting the classes were all just outstanding he said, "They gave us the best they've got in professors," he said.

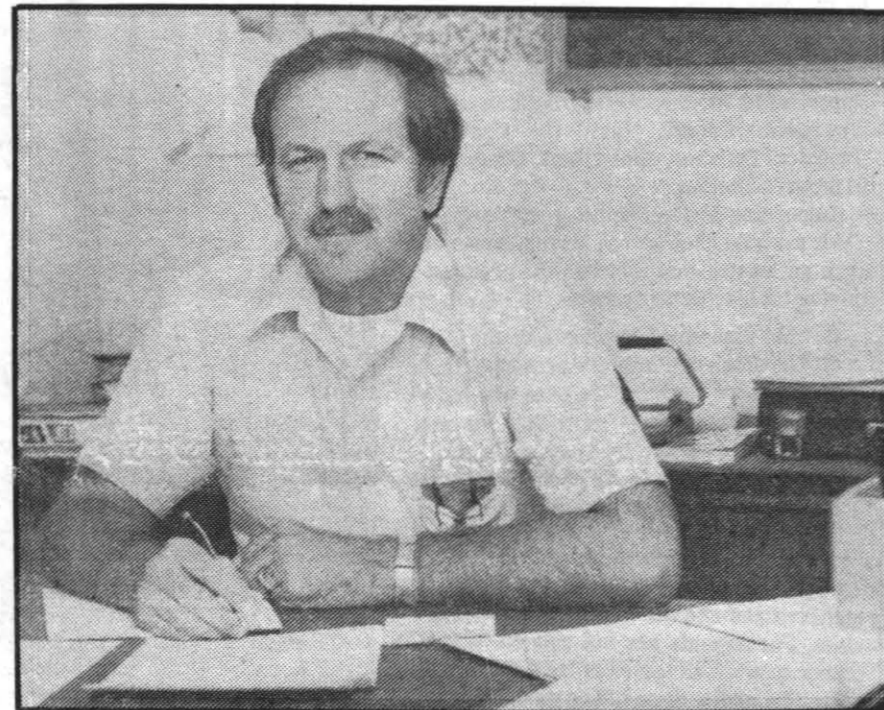
In his studies he found that China Lake really does shine. This is true he said, "not only in comparison to other government activities, but compared to private industry as well."

"China Lake continues to be and will continue to be an excellent place to work because the managers have the people's interests in mind," said Campbell.

He commented that NWC is right up with the best of private industry and others in government when it comes to human resources management to make work meaningful and challenging.

The year in Massachusetts was enjoyable for his wife as well. "She was able to sit in on many of the seminars, MIT was very flexible in that way," he added.

Campbell, a 1961 graduate of Burroughs High School has been with NWC since 1966.



SLOAN FELLOW — Robert W. Campbell recently returned from a year-long stay at the Massachusetts Institute of Technology as part of the Sloan Fellows Program. Campbell now heads the Rolling Airframe Missile Program Office in the Weapons Department.



China Lake Police Department officers investigated a break in the NWC perimeter fencing last week. Someone had driven a car through the fence near the junction of Highway 178 and County Line Road and then abandoned the vehicle.

Two traffic collisions, one last Wednesday and another Sunday resulted in moderate property damage and one minor injury to a passenger in a vehicle.

A portable oven was removed from a desk in Warehouse 16 last week. Value of the oven was placed at \$50.

Two golf carts were reported stolen from the China Lake Golf Course. The carts, valued at \$3,790, were later recovered by CLPD officers from the dry lake area. Two juveniles were charged with the theft and face juvenile court action.

After a traffic stop, a motorist was found to be driving while under the influence. The driver was also arrested for possession of stolen property when officers discovered a number of dishes and china belonging to one of the messes on board in the vehicle.

Rescue effort brings medals for SAR helo crew

Rescue of a critically injured climber last fall brought the Air Medal to LCdr. S. E. M. (Buz) Massengale, SAR helo pilot, and Navy Commendation Medals to two helicopter air crewmen who played vital roles in the rescue of Richard Abrams on Sept. 21, 1984.

Capt. P. D. Stephenson, Naval Weapons Center Chief Staff Officer, presented the Air Medal to LCdr. Massengale and Commendation Medals to AM3 Kevin M. Conger and AE2 Barry D. Beavers at a military quarters ceremony recently.

The rescue came after Abrams fell about 100 feet on a steep slope at about the 13,500 foot level on Mt. Sill. One witness to the fall said Abrams bounced off two ledges and stopped on a third.

It was 7:07 p.m., officially 20 minutes after sundown, when LCdr. Massengale was able to complete a spectacular hover

pickup of the injured climber and flew him to Northern Inyo Hospital in Bishop.

China Lake Mountain Rescue Group members had been airlifted by the SAR helo to within 500 feet of the injured Abrams and prepared him for the emergency rescue. They later said the man could not have survived the night on the mountain ledge.

The citation that accompanied the Air Medal reads, in part, "the excessively high

altitude, impending darkness and rapidly dwindling fuel supply required the utmost skill in operating the aircraft at the edge of its performance limits with no margin for error. With the ominous cliff towering overhead, LCdr. Massengale calmly and skillfully maneuvered the helicopter to within a few feet of the sheer rock face. Utilizing superb, aggressive airmanship, he held his laboring craft in a steady hover as the victim was passed up to waiting air-

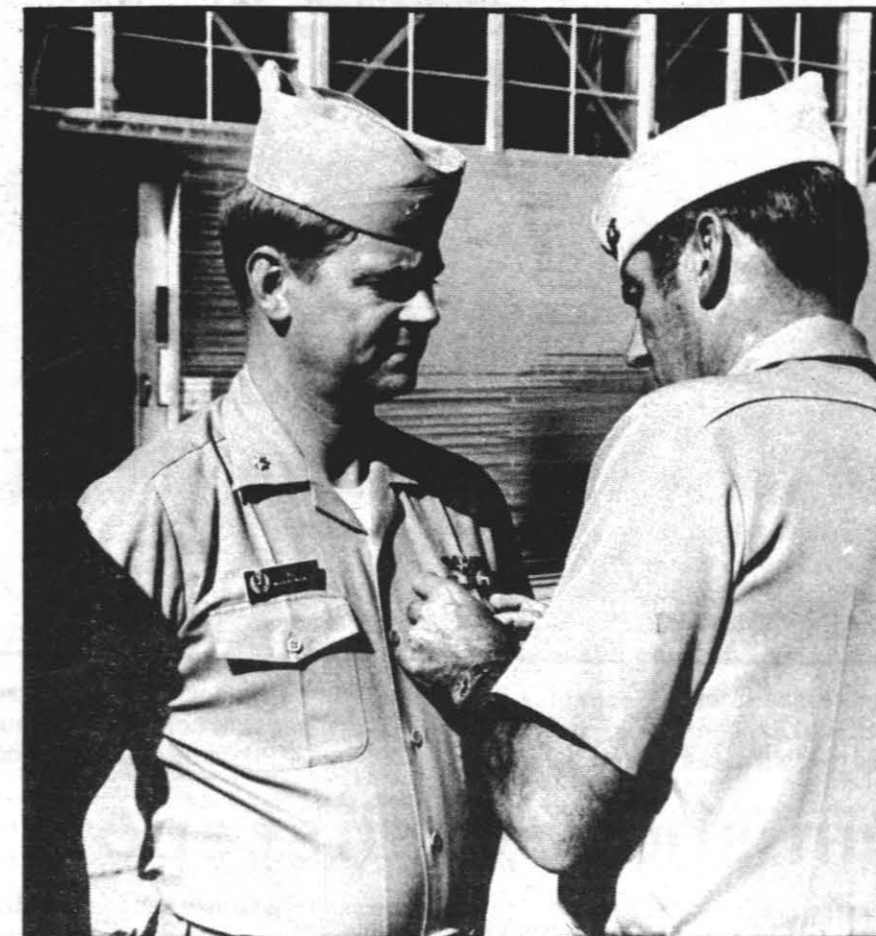
crewmembers." Petty Officers Conger and Beavers earned Navy Commendation Medals for assisting in guiding the pilot to within a few feet of the rock face, providing "confident, aggressive direction necessary to maintain a steady hover dangerously close to the sheer cliff."

The citation also noted Petty Officer Beavers and AM3 Conger "leaned perilously out of the open door to reach down below the skids of the helicopter and lift the victim aboard." By their courage, initiative and devotion to duty, they were directly responsible for saving a life noted the citation.

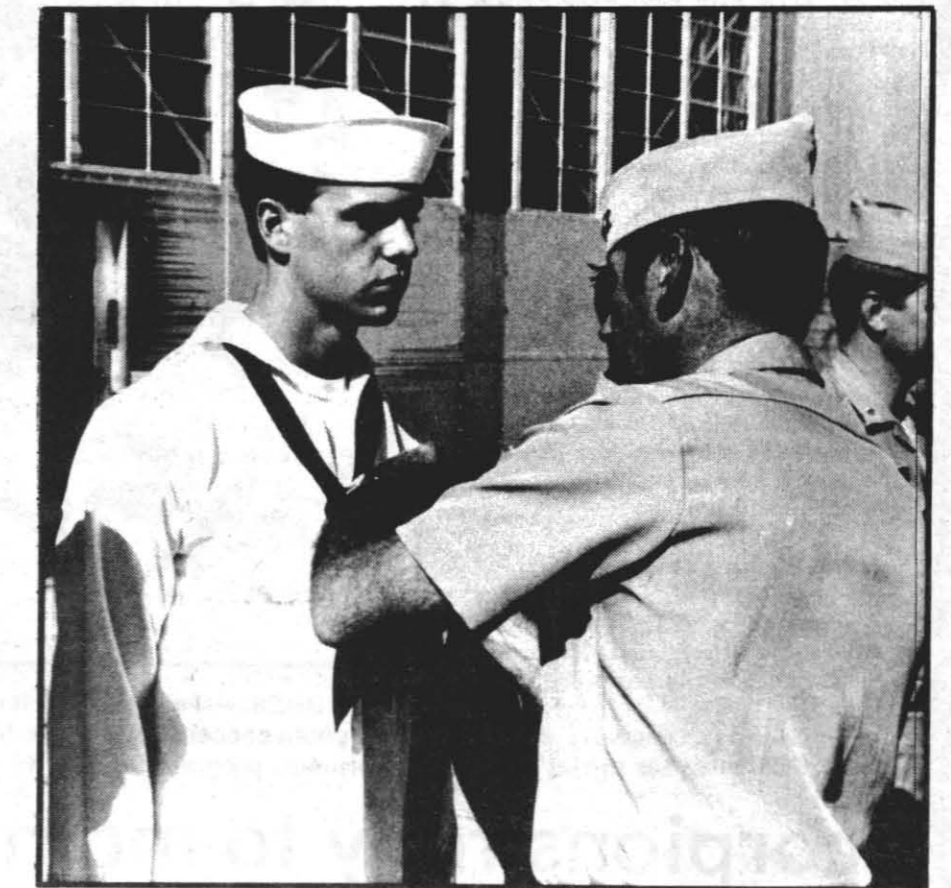
Capt. Stephenson commended the SAR crews, noting it takes a lot of training and maintenance effort to continue to perform these rescues in a safe manner.



Military News



AIR MEDAL — LCdr. Buz Massengale receives the Air Medal for his SAR helo work from Capt. P. D. Stephenson, NWC Chief Staff Officer.



COMMENDATION MEDAL — AE2 Barry Beavers earned the Navy Commendation Medal for his work as crew chief of the NWC SAR helo during a rescue last year. Capt. P. D. Stephenson, NWC Chief Staff Officer, also presented a medal to AM3 Kevin Conger.

Runners need to think about personal safety

It's just before dawn. A service member dons athletic gear and hits the streets, ready for an early morning jog.

Unfortunately, in pursuit of physical and psychological health, he or she may be running into trouble.

Joggers are easy targets for muggers and rapists. They often run alone, at a predictable time, usually early in the morning or late in the evening when most people are at home, and in secluded areas where cries for help can't be heard.

Experts such as psychologist Martin Reiser of the Los Angeles Police Department say runners are good targets for all

kinds of attackers with all kinds of reasons — from motorists who resent their freedom to sexual misfits to deranged individuals whose anger can be triggered by things such as the color of a jogger's running shorts.

But the overwhelming factor, police say, is that sooner or later most runners will lead an attacker to an isolated area. While aware of the dangers, many runners continue to go it alone, claiming that's part of the pleasure.

Officials at the Soldier Physical Fitness Center estimate that, of more than two million active duty service members, about

30 percent jog regularly. . . and that most hit the road with particular emphasis right before physical fitness tests.

It's difficult to determine just how many of these joggers have been attacked, because neither military nor civilian police separate these statistics from those other crime victims.

Police say women are the most frequent victims of violence on the jogging trail and that rape rather than mugging is usually the motive.

In a survey made by one local women's running club, 46 of 100 respondents had been the victims of 57 separate attacks. They said that the most common places of attack were parks, bicycle trails and commercial streets after business hours. The safest places, they found, were downtown and residential areas.

The American Running and Fitness Association offers these tips for safety on the run:

— Run with a friend or dog.

— Run during daylight hours and avoid alleys or isolated unpopulated areas.

— Avoid doorways, trails or sections of trails surrounded by heavy brush.

— Vary your schedule so no one can count on seeing you in a certain place at a certain time.

— Let someone know where you're going and how long you'll be gone. Have them alert the police if you don't return as planned.

— Wear identification and carry a police whistle around your neck.

— Run defensively and be alert. Listen for sounds of people sneaking up behind or beside you.

— Leave entertainment devices, including headsets and radios, at home. They block out noises you need to hear.

— Don't wear jewelry that might attract muggers.

— Avoid antagonizing motorists. Ignore verbal harassment.

— Take a course in self-defense.

Military Night tour offered for Disneyland adventure

Sign up now for the Military Night tour to Disneyland on Friday, October 25. The park is open from 8 p.m. to 1 a.m., and the chartered tour bus will leave the EM Club parking lot at 4 p.m. Participants will have reserve seats and will receive their tickets to Disneyland on the bus. A light dinner of sandwiches, chips, and a soft drink will be served. Participants will be expected to return to the bus by 1:30 a.m. so that the bus may return to the EM Club parking lot by approximately 5:30 a.m.

Military personnel have priority registration. DOD civilians as well as military personnel may sign up. The registration

deadline is October 18 at which time, if a minimum of 30 people have not signed up, the trip may be cancelled.

A waiting list of non-DOD civilians as well as military and DOD personnel above the 38-person maximum will be taken. All ages are welcome on this tour, although youth ages 15 and below must have an adult accompany them.

Registration will be taken at the Information, Ticket and Tour Office, open Monday through Friday from 9 a.m. to 5:30 p.m. The cost for the tour for military personnel is \$23 per person and for DOD civilians is \$26 per person.

Birthday celebration events need volunteers for tug-of-war, volleyball teams

Volunteers are being sought to compete in sports activities on Oct. 19 during Navy Birthday Celebrations at the Naval Weapons Center.

Tug-of-war contests will start at 2:30 p.m. and mud volleyball competition at 3 p.m. Eight-person tug-of-war teams or six-per-

son volleyball teams are sought to take part in the fun that day. All action is scheduled for an area near the NWC Headquarters Building.

Interested persons can sign up at the NWC Gym office or call NWC ext. 2334 for additional information.