



VIP'S VISIT CENTER — Brig. Gen. Henry B. Kucheman Jr. (right), U.S. Air Force, Chairman, Non-nuclear Air Armament Study Group, chats with Captain R. J. Schneider, Naval Air Systems Command, Washington, D.C. during their recent visit to Naval Weapons Center. General Kucheman was greeted by Captain M. R. Etheridge, NWC Commander and received a presentation titled, "Highlights of the Naval Weapons Center Program," during his two day stay here.

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction

Best Detective Stories of the Year, 1967.
Longstreet—Masts to Spear the Stars.
Moore—The Killing at Ngo Tho.
Miller—I Don't Need You Any More.
Wibberley—The Centurion.
Auchincloss—Tales of Manhattan.
Dibner—The Admiral.
Griffin—An Operational Necessity.
Schaefer—The Collected Stories of Jack Schaefer.
Stegner—All the Little Live Things.
Patten—Bones of the Buffalo.

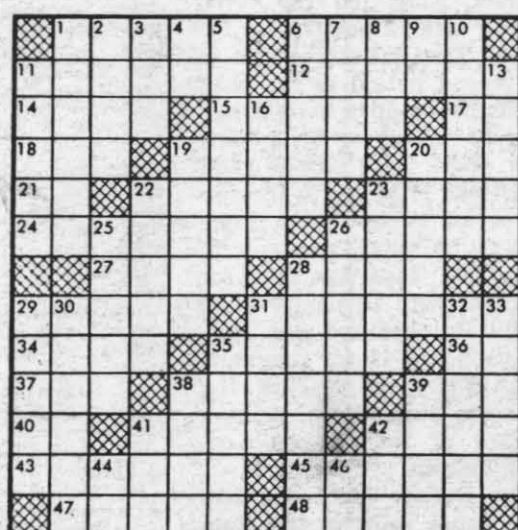
Non-Fiction

Elliott—The Effective Student.
Graves—Collected Poems.
Hoffer—The Temper of Our Time.
Lockwood—Down to the Sea in Subs.
Masashi—The Emperor's Last Soldiers.
Rieseberg—The Sea of Treasure.
Schulz—You'll Flip, Charlie Brown.
Thompson—Our Own Christmas.
Buck—To My Daughters, With Love.
Churchill—Winston S. Churchill, Young Statesman.
Kane—South Pacific A to Z.
Keyes—Tongues of Fire.
Marx—Seven Hours to Zero.
Reid—The Motorcycle Book.

Answer to Previous Puzzle

CROSSWORD PUZZLE

Across
1-Stage whisper
6-By oneself
11-Cubic meters
12-TV repeats
14-Virginia willow
15-Blemish
17-District
18-Attorney (abbr.)
19-Performed
20-Speed contests
21-Chicken
22-Ceremonies
23-Frog
24-Withdraws from an organization
26-Daily record
27-Dregs
28-Hind part
29-Gives food to
31-Bewhiskered
34-Macaws
35-Lasso
36-Compass point
37-Sailor (colloq.)
38-A lot
39-Indonesian tribesman
40-Conjunction
41-Pertaining to Ireland
42-Twirl
43-Inclined
45-Goes in
47-Beach
48-Darken



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Foreign Languages Given at College Desert Division

Evening classes in elementary German, conversational Spanish and conversational French are scheduled for the Spring semester at the Desert Division.

German 2 is concerned with the fundamentals of German construction, with emphasis on conversational style and reading comprehension. The only prerequisites are two years of high school German or the completion of one semester of college German. The four-unit course will be taught by Warren Kirk on Mondays and Wednesdays from 7 to 9:30 p.m.

The two conversational courses are designed to teach students to speak Spanish or French clearly and confidently, with correct pronunciation and proper usage of common idiomatic speech.

Spanish 52B will be taught by Victor Casados on Tuesdays and Thursdays from 6:30 to 7:53 p.m. The prerequisite is Spanish 52A or its equivalent.

French 52B will be taught on Mondays and Wednesdays from 8 to 9:23 p.m. The prerequisite is French 52A.



WELCOME ABOARD — Lt. William Wagner reported aboard recently to assume duties as maintenance officer with VX-5. He completed an assignment with VF-96 at Miramar, Calif. A native of Miami, Fla., Lieutenant Wagner is married to the former Marie Treadway of Baker, Fla. They have three children, Linda, 16; William, 15, and Debra, 10, and reside on the Naval Weapons Center at 31-B Sykes Circle.

Lt. Col. R. Markel Assigned Missile Program at Corona

Lt. Col. Richard K. Markel, USAF, Aeronautical Division of Wright-Patterson AFB, Ohio, is on assignment at the Naval Weapons Center Corona Laboratories. Colonel Markel is the Air Force representative on the Standard ARM (antiradiation missile) Program, assigned from the System Program Office to work on site with the Corona Labs development team.

Prior to duty here, Colonel Markel was assigned to Headquarters, Air Force Systems Command at Andrews AFB, Maryland, as a Research and Development Staff Assistant. The Colonel is a graduate of the University of Pittsburgh and earned his degree in Electrical Engineering in 1949.

Colonel Markel, his wife and three children, reside in Corona.

SHOWBOAT

FRIDAY JANUARY 19
"THE ST. VALENTINE'S DAY MASSACRE" (100 Min.)
Jason Roberts, George Segal
7:00 P.M.

(Crime Drama) The infamous Roaring Twenties when the Capone gang traded shots almost daily with the Moran gang on Chicago streets. An example of unbridled crime and the penalty it offers in blood and violence. Not for the timid! (Adult.)
Short: "Way Up and Way Out" (9 Min.)

SATURDAY JANUARY 20
—MATINEE—
"TARZAN'S FIGHT FOR LIFE" (86 Min.)
Gordon Scott
1:00 P.M.
Shorts: "Posse Cat" (7 Min.)
"King of Carnival" No. 7 (13 Min.)

—EVENING—
"THE PROJECTED MAN" (76 Min.)
Bryant Haidy, Mary Peach
7:00 P.M.

(Science/Fiction) It's chills and thrills as a lab experiment goes awry and results in a mad scientist with the power to kill those who oppose him. (Adult, Youth.)
Shorts: "Panhandle Scandal" (7 Min.)
"All That Oriental Jazz" (20 Min.)

SUNDAY-MONDAY JANUARY 21-22
"FATHOM" (99 Min.)
Tony Franciosa, Raquel Welch
7:00 P.M.

(Adventure) Thrill-packed escapes of gorgeous Raquel as she helps NATO trace a secret nuclear trigger device but gets involved in a search for a fortune in stolen jewels. From sky diving to yachting to Alpine retreat, it's a WOW! (Adult, Mature Youth.)
Short: "60 Cycles" (17 Min.)

TUESDAY-WEDNESDAY JANUARY 23-24
"CLAMBAKE" (98 Min.)
Elvis Presley, Shelley Fabares
7:00 P.M.

(Comedy/Music) Millionaire's son gets out on his own to prove his worth and switches identity to work in a water-ski shop in Miami, and to pilot a racing boat. Lots of laughs and Elvis sings to every pretty girl on the beach. (Adult, Youth, Children.)
Shorts: "Pinto Pink" (7 Min.)
"Deep Sea Hunt" (9 Min.)

THURSDAY-FRIDAY JANUARY 25-26
"THE LOST COMMAND" (129 Min.)
Anthony Quinn, Alain Delon
7:00 P.M.

(War Drama) French paratroopers are led by their rough and tough commander against fanatic enemies in Indo-China and Algeria. An unorthodox leader, he is idolized by the men and reprimanded by the top brass. Action-filled! (Adult, Very Mature Youth.)

From _____

TO _____

STAMP

Aetna Insurance Man Will Visit Center

Howard Keenan, a representative from Aetna Insurance is scheduled to be aboard the Center on Thursday and Friday, February 1 and 2. He will be available for consultation at the Community Center from 9 a.m. to 4 p.m. on both days, according to J. T. Haycock, Head, Employee Management Relations.



China Lakers Invited To Observe Work of Labs, NAF, VX-5 in R&D

The Naval Air Facility and Air Development Squadron Five (VX-5) will join forces next Thursday, January 25, to present a live firepower demonstration of some of the Naval Weapons Center's operational air weapons.

Center employees and visiting dignitaries will be able to view weapon effectiveness and the latest delivery techniques in 15 aircraft passes planned by event coordinators Cdr. Bryson

Van Gundy, NAF Operations Officer, and Major James O'Brien, USAF, VX-5 Operations Officer. The firepower demonstration event will begin over Charlie Range promptly at 10 a.m. and conclude before 11. All spectators attending the event are requested to arrive and be seated at Charlie Range not later than 9:45 a.m.

NWC employees who are able to obtain leave from work are invited to attend the demonstration with their wives and house guests, but children cannot be accommodated. Employees must contact their supervisors, who will then contact the Technical Presentations Office at Ext. 71370 or 71373 to indicate the number of employees and their dependents planning to attend the event. A limited amount of bus service will be available from the Community Center parking lot to Charlie Range and return, beginning at 9:15 a.m. At the same time traffic control will exist on the route to Charlie Range.

Captain F. R. Walsh, NWC Air Weapons Officer, will narrate the program at Charlie Range as each display of aerial weaponry takes place.

First in the air is to be an F-8 Crusader photo-reconnaissance ship from Miramar NAS to demonstrate photo techniques, followed by an A-4 Skyhawk of VX-5, which will release a training-type Mk 104 bomb in an over-the-shoulder loft maneuver. The device will leave a smoke trail to show the maneuver's effectiveness.

The next six passes are also to be flown by VX-5 pilots. An A-7 Corsair II, a 1967 addition to VX-5, will fire 2.75-inch rockets in a salvo of six, followed by an A-4 releasing five 250-pound bombs in quick succession, or "rip-o."

Advanced Weapons Shown

Next will be an F-4 Phantom II, the Navy's fastest deployed aircraft, with a firing demonstration of the Mk 4 external rapid fire gun pod. The pod's salient feature is fast rearming aboard ship by replacing an expended pod with a reloaded one.

An A-7 will then drop about 18 Mk-81 250-pound bombs, using the new CP 741 bomb release computer, a current VX-5 project. Next, an A-4 will fire four Zuni rockets, followed by an F-4 with a Mk-77 napalm drop and a prop-driven A-1 Skyraider of NAF which will drop bombs and fire two flares.

The A-1's flares will serve as the target for the next weapon, Sidewinder, to be launched from an F-8. Next up to demonstrate techniques will be

FTM-2 George Johnson Made NWC's 'Bluejacket' for January

Computer Man Sets His Goals, Finds Success

FTM-2 George C. Johnson, computer maintenance specialist at the Navy Radar Building on G-1 Range, knew what he wanted to do with his working career after the first aptitude tests he took on enlisting in the Navy in September, 1960.

In fact, he had a personal goal ready and in hand even before enlisting, and he has handled Navy life in the same manner ever since. As a natural consequence, he has been chosen to represent the Naval Weapons Center in January, 1968, as its "Bluejacket of the Month."

The bachelor Bluejacket is a native of Logansport, Indiana, and enlisted in his home town of Chatham, New Jersey, upon graduating from high school.

"I had one main goal then," he said. "I wanted to see the world, and I sure have done it!" Since 1960, cruises have taken him from the East Coast through the Suez to Sydney, Australia, and from the West Coast to Sydney — with duty in Viet Nam waters, where he won Expeditionary, Viet Nam Service and Viet Nam Defense medals.

FTM-2 Johnson began his China Lake tour last October, following duty aboard the USS Henry B. Wilson, a guided missile destroyer. On this Viet Nam cruise he worked with the Mk-47 guidance and control system for the Wilson's Tartar missiles.

Here at the Navy Radar Building he works on digital computer test and evaluation and is in charge of parts supply, under Lt. Walter Czerwinka. The unit is Code 30's Range Design Branch, Range Operations Division.

Although George Johnson's career is a much different one from his father's, their approach to living is similar in many ways. Mr. Johnson, Sr., is an insurance vice-president for training in New Jersey, and his Navy son shows the same



CHECKING HIS LOGIC — Bluejacket of the Month FTM-2 George C. Johnson works with a Navy Radar Building oscilloscope to check logic cards for the Digital to Analog Servo System (DASS). Johnson set off on

his electronics career right after initial aptitude testing when he enlisted in 1960. During free time he pursues both community and recreation activities. In his future is a climb up Mt. Whitney's north face.

regard for training and community service in his own life. George is now serving as president of the Chaparral Club advisory board.

Eyes Mountain

Johnson's free time at China Lake — excepting work with the Chaparral Club — is devoted to his electronics and auto mechanics hobbies, and to touring up and down the nearby Sierras. Fishing and mountain climbing draw him into the rugged country.

Of course, he has set a goal for himself even in recreation.

"My goal for this coming summer is to climb the north face of Mount Whitney — the one that goes almost straight

for the project, such as climbing boots and clothing.

The Bakersfield Chamber of Commerce will host FTM-2 George Johnson next Friday, Saturday and Sunday, January 26-28, for a weekend on the town as part of the "Bluejacket of the Month" program.

Chamber representatives will meet him when he arrives Friday afternoon, with a hospitality packet of gift certificates from city merchants. He'll have a new car to drive during his stay, and first class lodging and meals.

FTM-2 Johnson will also be featured on Bakersfield radio and television as NWC's "Bluejacket of the Month" for January.

When Emergency Arises Dial 7177 For Quick Help

You have probably wondered what happens behind the scenes when you call Public Works Trouble Desk — Ext. 7177 — for housing repairs. A voice answers your call to tell you if you have a true emergency you should call Ext. 72917. Then, the electronic "secretary" goes on to tell you how to make your trouble report.

What happens next? Your call will be one of about 3200 (Continued on Page 4)

(Continued on Page 4)

CHAPLAIN'S MESSAGE

Frustrations
of a Preacher

By Senior Chaplain Paul Romantum



Today, I want to share with you the "Frustrations of a Preacher" which appeared in a minister's newsletter to his congregation. I have taken the liberty to make a few changes to make it applicable to our own situation here at China Lake.

"Tell me of your certainties" said Goethe, "I have doubts enough of my own." Here at All Faith Chapel we have believed that affirmation is what is desperately needed in this credulous age. We have affirmed that Jesus is Lord and Saviour, available to all men who desire life, calling for a costly discipleship.

"By God's grace and in his strength alone, I have preached Christ from this pulpit to all who would listen. Two faithful choirs have spent every Wednesday night preparing to sing in the Spirit. The organists invest long hours in practice. The Chaplains prepare thoughtfully to lead us in the communion of the Body and Blood.

"And what about your part? Do you bother even to come to these Lord's Day services? Do you hunger and thirst for the spiritual instruction, inspiration, and fellowship?

"Scores of our 'members' couldn't care less. They drop in if it's convenient. One sneeze at the breakfast table and they have an excuse for skipping worship. Last Sunday well over 400 people who were at the Christmas Eve service were missing. God only knows where they were.

"This alarming fluctuation gets to me. I'm standing in the need of prayer this Monday as I write this, I am exasperated by the on-and-off, hot-and-cold type of churchgoing around here. God help us. A handful of people at an evening meeting to greet a guest missionary speaker. I was humiliated. Where were all our 'good' members? A handful of faithfuls at Bible Study! We are thankful for our young people who attend their youth groups so faithfully.

"On Mondays like these I think of how easy it must be to work among those honest pagans on the mission field."



A GOOD IDEA! — In a recent award ceremony in his office, Captain R. F. Schall, (left), Naval Air Facility Commanding Officer congratulates AMS1 F. B. Goldy for submitting his Beneficial Suggestion for a "Jack Tester." Goldy is an NAF member assigned to the Ground Support Equipment Division, Aviation Maintenance Department.

The Rocketeer

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Photographs.....Tuesday, 11:30 a.m.
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DIVINE SERVICES

Protestant—(All Faith Chapel)—
Morning Worship—8:15 and 11 a.m.
Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant.

Roman Catholic (All Faith Chapel)—
Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m.

Confessions—7 to 8:00 p.m. Saturday.

NWC Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex, 95 King Ave.)—Sunday, 7:30 p.m.

PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Clerk, GS-301-3, PD No. 830007, Code 3037 — This position is located in the Computer Operations Section of the Data Computation Branch. The incumbent will perform UNIVAC 1108 job scheduling and magnetic tape liberation duties.

Clerk-DMT, GS-314-4, Code 3073, PD No. 28443 Aml — Incumbent is secretary to Head, Track Instrumentation Branch, Code 3073, and provides the necessary secretarial and office management services required by the Branch for efficient operation.

File application for above with Fawn Haycock, Bldg. 34, Rm. 34, Phone 71514.

Electronic Technician, GS-556-9, 10 or 11 (2 vacancies), PD No. 455068 Aml, Code 4532 — Incumbent is involved in the major functions of this Section in the Production Engineering Branch, Electromechanical Division, Engineering Department, which include production evaluation, design evaluation, component redesign, and assistance to contractors and other Government agencies engaged in the manufacture and rehabilitation of air launched weapon guidance systems.

Clerk-Typist, GS-322-3, PD No. 550508, Code 5540 — The incumbent of this position is a clerk-typist in the Production Scheduling Section, Production Control Branch, Mechanical Division of the Engineering Department. The major duties include examining and processing time charges, processing completed shop orders, production orders; processing of time cards; operating reproduction machines; and general clerical and typing.

Electronic Engineer (Instrumentation), GS-555-13, PD No. 455015, Code 5533 — The incumbent is the Head of the Instrumentation Design Division of the Engineering Department. The Branch has the responsibility for design, design evaluation, component design, production evaluation, and contractor and other Government agencies assistance and evaluation in the areas of assistance and evaluation in the areas of air borne telemetry and related test and calibration equipment.

Model Maker (Sheet & Plate Metal), WB-14, JD No. 129, Step one \$3.91 per hour, Code 5545 — The incumbent, in close coordination with a scientist or an engineer, makes, from raw materials, accurate models of structural items such as launcher, test sleds, wind tunnel models of missiles, air frames and other related parts of the missile program. Makes chassis for hermetically sealed electronic test units.

File application for above with Loreta Estep, Bldg. 34, Rm. 34, Phone 71514.
Clerk-Typist, GS-3 or 4, (One vacancy), Code 255 — Incumbent will perform clerical duties such as composing correspondence and will perform a variety of typing tasks ranging from rough drafts to finished work. Will serve as receptionist, answering questions on the phone and giving out needed information.

File applications for the above with Vicki Mead, Bldg. 34, Rm. 28, Phone 72218.
Secretary (Stenographer), GS-514, Code 113 — Proficient in typing, shorthand, office procedures, filing systems, telephone courtesies and correspondence procedures. Experience: Two and one-half years general and one year specialized.

Public Information Officer, PD No. 000001, GS-1081-13, Code 002 — The position is that of Public Information Officer for the Naval Weapons Center, and is jointly responsible to the Commanding Code 00, and the Technical Director Code 01. The position directs and coordinates programs involving the presentation of technical information concerning the Center's efforts to visiting individuals and groups, both civilian and military, and representatives of all levels of the Federal Government. At least six years of progressively responsible experience on the coordination of technical presentation programs is desirable.

Clerk Typist, GS-3 or 4, PD No. 565004, Code 65 — Incumbent performs various clerical duties in the Department office of the Personnel Department. Types rough drafts, official correspondence, memos and reports. Maintains various files, such as the wage and classification reference files, etc. Prepares a variety of routine reports.

File application for above with Sue Proselowicz, Bldg. 34, Rm. 26, Phone 71577.
Engineering Technician, GS-7, 9 or 11, Code 4014 — Position is located in the Design and Drafting Branch, Weapons Development Department. The duties are to assist project engineers of the department in designing and documenting weapons components and associated hardware. Applicants must meet civil service qualification requirements, and have a minimum of one year in use of military standards.

Clerk-DMT, GS-4 or 5, Code 4050 — Incumbent will perform secretarial duties for the Branch. Duties will include transcribing and typing correspondence and memoranda, travel orders, clearance requests, etc.; screening telephone and office callers; receiving and distributing incoming mail; and maintaining Branch files.

Clerk - (Dictating Machine Transcribing) or Typist, GS-3 or 4, Code 4035 — This position is located in the New Conventional Weapons Branch of the Air - to - Surface Weapons Division. The incumbent is Branch Secretary and is responsible for typing official correspondence and memoranda submitted by personnel in the Branch; preparing travel orders and stubs; filing and acting as receptionist for the Branch Head. **File application for above with Ed Chipp, Bldg. 34, Rm. 26, Phone 72676.**

'DESERT PHILOSOPHER'

Things You Should
Know About Dogs

By "POP" LOFINCK



A short time ago this column was about how beneficial it is for a youngster to have a pet dog. The close relationship between people and dogs has been since the dawn of civilization — long before horses or camels were domesticated.

It's character building for a child to have the responsibility of taking care of a pet — especially a dog. Of course — not all dogs make good pets.

Today's column is about dogs being abandoned in this area. It has become somewhat of a problem.

People moving to some far away place often find it's impossible to take the dog pet with them. Sometimes they put an ad in the Swap Sheet to find a new home for the pet. But, the best way is to call C. J. Bussy at Ext. 71490. Or call Naval Weapons Center Security Office, Ext. 71409 and they will contact Bussy by radio.

Bussy is in charge of the NWC Dog Pound. He is the Animal Control Officer through the Kern County Health Department. He is very conscientious about finding new homes for dogs, and he knows dogs. He was with the Humane Society for four years and has been on his present job for five years. And what a job! An average of 30 dogs a week are picked up and turned over to Bussy. That includes dogs picked up by the Ridgecrest Police also.

If the Center's Security Patrol sees a dog wandering around without an identification collar it is picked-up for safety. Sometimes a whole litter of puppies will be turned over to Bussy as soon as they are old enough to eat. Many dogs are voluntarily turned over to him. He finds new homes for maybe half of them. He has placed many in the Isabella Lake area. The big dogs are often placed on ranches. So, if you want a good dog pet, see him first.

He says mongrels often make the best pets. If two highly developed but different breeds are cross-bred they often inherit good points of both breeds. If hearing the good points of both breeds don't be confused by the word mongrel. That does not mean cur.

Some dogs are too old or too mean for pets, and may have to be destroyed. There is no other way, otherwise stray dogs would become thicker than the sacred cows in India.

When an abandoned, homeless dog gets hungry and goes scrounging around for food, and people throw rocks at them, the tendency is for them to get mean, and maybe bite somebody. So they must be picked up for safety.

Many breeds were developed or bred for a special purpose such as the German Shepherd and Doberman Pinscher for guard and attack. Therefore, they are not always reliable for pets. A big German Shepherd with friendly, soulful eyes was turned into the Dog Pound. He would lift up a paw to anybody near — as if to shake hands. Some smart dogs learn that trick on their own — it gets attention.

Bussy found a good home for this dog — with kids — they got along fine. But this dog wanted to fight and chew up every other dog in the neighborhood that came near his home. He may have been expressing the defensive instinct that had been bred into him for generations.

Naturally that didn't go over very good with the neighbors — having their pets chewed up or killed. This habit or mania could not be broken. So the dog had to be destroyed.

I'm told that all the watchmen in Macy's Department Stores have a Doberman Pinscher for a partner.

A Doberman Pinscher was given to me when I lived at Junction Ranch. I couldn't teach that bitch anything—not even to be nice to strangers — she wanted to bite them. So I had to destroy her. She joined the coyotes for a few nights and came back — so maybe I destroyed some nice coyote pups. Who knows?

Most hunting breeds make a good pet, whether bird dogs or hounds. About the top of the list for an ideal pet is the Beagle. They have even, gentle dispositions — a beautiful voice for chasing rabbits — don't take up much room and love kids.

For over a century the standard farm dog throughout the midwest was the American Shepherd. They can be taught almost anything. For all-around intelligence they surpass all other breeds. They are not registered with any Kennel Club — they've just always been on the farm.

They learn the specific meaning of words, and they learn from watching and imitating.

I had an American Shepherd when I was a youngster trapping — also a hound dog of mixed ancestry — they worked together as a perfect team. Oddly, the Shepherd dog hunted with his nose and the hound with his eyes as much as his nose. It was usual to use these American Shepherds for coon hunting at night and herding sheep or cattle during the day. I have wondered why they are not more popular today.

COMPETITIVE PROMOTIONAL EXAMS

Competitive promotional examinations are announced for: **Planner and Estimator (Public Works Structures), Announcement No. NWC-IVa-5(68), General Foreman I (Maintenance), Announcement No. NWC-IVa-3(68), General Foreman I (Transportation Equipment Operations), and Announcement No. NWC-IVa-4(68), Leader, Test Mechanic (Experimental Electrical Equipment).** The purpose of this Amendment is to include Corona, California in the Area of Competition and to extend the closing date to February 5, 1968.

with the Detached Representative, Board of Examiners, China Lake, California 93555. This is to announce Amendment No. 1 to Announcement No. NWC-IVa-2(68), Planner and Estimator (Public Works Electrical Systems), Announcement No. NWC-IVa-3(68), General Foreman I (Transportation Equipment Operations), and Announcement No. NWC-IVa-4(68), Leader, Test Mechanic (Experimental Electrical Equipment). The purpose of this Amendment is to include Corona, California in the Area of Competition and to extend the closing date to February 5, 1968.

THE LOCKER ROOM

Center's
Athletic Program

By ED RANCK



Because of the high ratio of civilian to military personnel at China Lake, civilian athletes have made up the hard core of participants in the Center's athletic program for many years. While the average military athlete may participate for three years or so, many civilians have been active in the local leagues for 15 years or more. In the process, quite a few healthy rivalries have evolved, and interest in the local program has been maintained to a fairly high degree.

STATUS OF CIVILIANS

Several months ago, the question arose as to just what the status of civilians should be in regard to a military athletic program. There have been many arguments as to what an individual's status had to be in order to make him eligible to participate in the China Lake program. There has also been many opinions voiced regarding the fact that not all participants have represented their particular departments or commands. Until now there have been no clear cut rules governing these matters, but this situation will be remedied before too long.

At the present time a set of rules governing eligibility for the Center's athletic program are being drawn up. All the conditions have not been resolved at this time, but these by laws should be completed in the near future, at least in time for the summer softball season. From all that we have been able to gather at this time, the eligibility rules seem to be fair and well planned and should do a lot to help the overall program.

It's doubtful that China Lake will ever be ranked among the world's great centers of recreation activity. The local area seems to have all the qualities of most small towns in regards to extra curricular recreation, and many people feel that there just isn't anything to do here in ones spare time. This attitude also applies to the younger generation here, and it has to be conceded that China Lake isn't exactly another Disneyland.

There are however, quite a few people here who have made significant contributions in the field of youth activities. Many of these programs have been on a more or less private basis, with all the labor involved in the promotion being strictly voluntary.

JOE STONE

Joe Stone is a man who has been interested in archery for a long time, and this interest has led to one such program at China Lake. Stone, who is a longtime resident here, has what is perhaps China Lake's only genuine archery range adjacent to his home at 57-B Rowe St.

He teaches the game to youngsters in classes held once a week on the range, with the program being highlighted by an annual tournament held at the end of each year. The archery program has been such a success that some of the schools in the area have included archery in their gym classes, using Stone's range to conduct their own sessions. The annual tournament will be held this weekend at the range, and those who would like to observe the proceedings or are interested in joining such a program are invited to attend.

Speaking of youth activities, China Lake's junior basketball leagues are scheduled to get underway soon. Dick Wadman, who is the local director of youth activities has announced that all games will be played at the Center gym on Saturdays. The league is being organized in such a way that all boys who participate will get a chance to play, regardless of their degree of natural ability. The basketball season will continue through April at which time a tournament will be held to round out the season.

For those who have children of school age, a visit to the Youth Center might be a good idea. The center is located behind the post office and is well equipped with pool tables, table tennis, etc. Wadman has organized the center's program in such a way that there is a wide range of sports and recreation activities available for those who use the facility.



PRIZE WINNERS FROM CHINA LAKE — Banner girls and majorettes lead the 66-"man" marching band of China Lake's Murray School, which won its third first-place trophy of 1967 in the Palmdale Christmas Parade. They took first-in-class at the Desert Empire Fair (above), along with majorettes, and first again at the Wofford Heights

High Game, Series
Honors Taken By
Kegler John Ito

John Ito rolled a 215-244-171 series to take high game and series honors in the Men's Midway League last week at the China Lake Bowl. Other 200 games among Midway bowlers included Cliff Moss with 222 and Bob Sickles with 215.

Gloria Ascroft led the China Lake Women's Handicap League with 510, while Betty Kirwin was second with 503. Cora Ball had high game with 213. In the Thursday Afternoon Trio, Fern Wacker rolled a 498 to lead the way and Sarah Lapinsky had 485. High single games included Joy Godett and Viv Dalpiaz, each with 183.

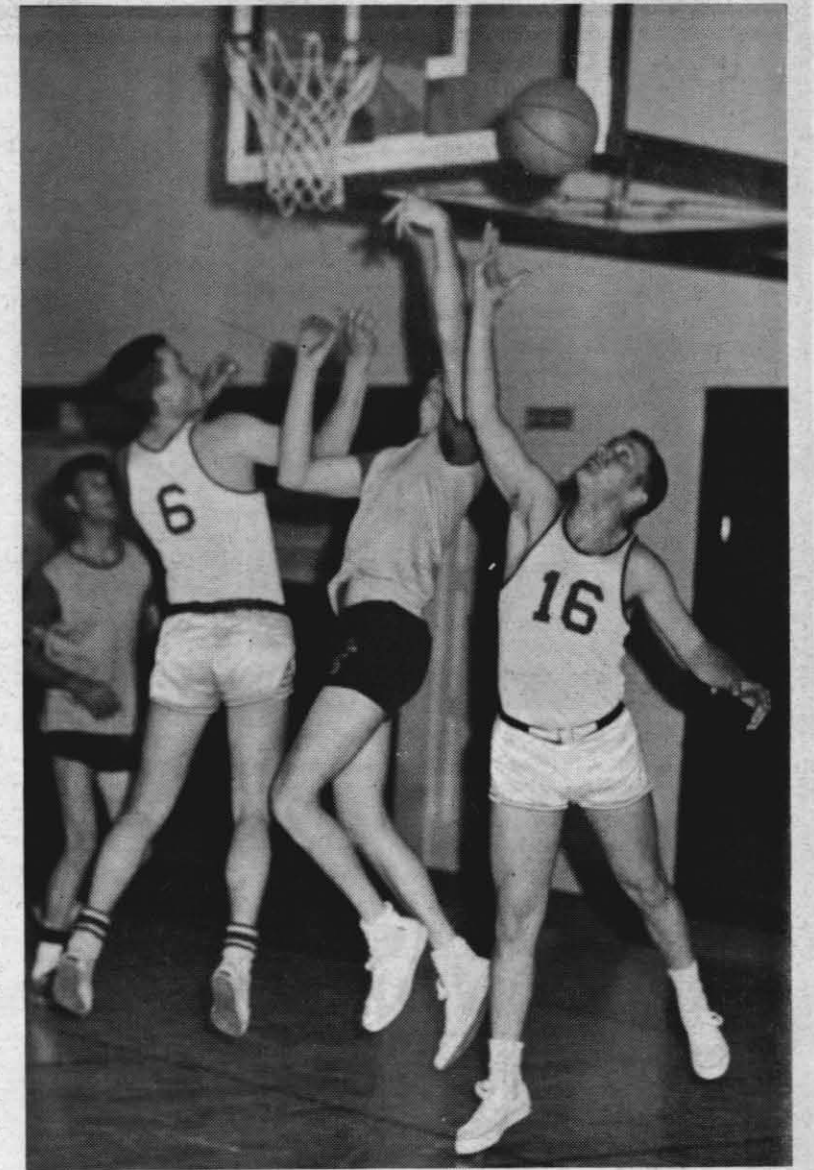
On Sunday, January 7, the China Lake bowlers rolled a series of match games with bowlers from the Point Lanes in Trona. The men's team, which included Fred and Ken Dalpiaz, Maury Coleman, Don Tucker and Ben Whiteside, rolled a team series of 3013, one of the highest scores ever rolled at the China Lake Bowl. Whiteside was high for the local team with 682 while Ken Dalpiaz had a 654. Stan Kiechafer rolled a 657 to pace the Trona team.

Charlotte Demarco rolled 542 as the China Lake Ladies team won two out of three games. Judy North was high for Trona with 425. The China Lake Bantams won two out of three while the Point Lanes junior team won their match 2 to 1.

Mountain Rescue
Story To Be Told
By Dr. C. Heller

Mountain climbing adventures and safety - first procedures in performing rescue operations will be discussed and demonstrated with color film slides by Dr. Carl Heller during the 7:30 p.m., Monday, January 22 meeting of the Indian Wells Valley Nurses Club in the NWC Community Center's Joshua Tree Room.

Having scaled the heights of the Himalayan Mountains in Afghanistan; the Andean Mountains in Peru and Mount McKinley in south-central Alaska, with other members of the China Lake Mountain Rescue Group, Dr. Heller is considered an authority on the subject.



AERIAL ARTISTS—Aerial combat above the deck, or so it seems, dominated a major portion of the battle fought between the Special Services "Spoilers," wearing blue and gold, and the VX-5 Rebels, sporting white with red lettering. Action was seen in the Center Gym Tuesday evening followed by the game between Genge vs. NAF at 8:30 p.m.

Loewen's Falcons Down NWC Tigers,
Move Into Two-Game Lead in League

The Loewen's Falcons won their eighth straight ball game, downing Naval Weapons Center 58-50, to move into a two game lead in the China Lake Basketball League. Spencer Buckner sparked a second half rally as the Falcons came from behind in the second half to maintain their unbeaten record. Buckner scored 16 points in the second half, 12 in the final period, after the Tigers had taken a 28-26 halftime lead.

The Tigers entered the third period maintaining their slim lead with high scoring Charlie Klotz providing most of the offense. Loewen's outscored NWC 13-4 in the third period, then held off a late rally with Buckner matching baskets with the Tiger's Bob Gingell and John Gist. Buckner was high scorer for the night with 16, while Bill Allen chipped in 14 for the Falcons. Klotz led the NWC scoring with 13 points.

Mike Tosti hit six baskets in the second period as the NAF Hawks broke open a tight ball game to defeat the VX-5 Vampires, 65-34. Tosti scored 12 of the Hawks 17 points in the second period as the Hawks broke a 12-12 tie, then went on to win easily. Tosti was high for the night with 16 points while Gerald Prophet and Bob Rebling each had 11 for the Vampires. The win enabled the Hawks to stay within striking distance of the leading Loewen's Falcons.

Russ Draper sparked a late VX-5 Rebel rally as the Rebels came from behind to defeat the Genge Chaparrals, 72-69. Trailing by as much as 12 points early in the third period, the Chaparrals had moved

into a 4 point lead early in the fourth period behind the shooting of Duane Blue and Tim Higgins. The Rebels regained the lead late in the game as Draper hit 4 baskets to provide most of the offense. Draper was high point man for the night with 28 points, while Blue and Higgins had 24 and 20 points respectively, for the Chaparrals.

The NWC Tigers won their third game of the year defeating the tailend Special Services Spoilers, 73-39. The Tigers jumped to an eight point halftime lead, then outscored the Spoilers 39-12 in the second half to win easily. Dink Patterson of the Spoilers led the scoring with 20 points, while Charlie Klotz of NWC had 19.

STANDINGS		
	W	L
LOEWEN'S	8	0
NAF	5	1
GENGE INDUSTRIES	3	3
VX-5 REBELS	3	3
NWC	3	5
VX-5 VAMPIRES	1	6
SPECIAL SERVICES	1	6

SCORING		
	Pts.	Avg.
KLOTZ, NWC	100	16.8
ELWANGER, VX-5 Rebels	97	16.2
FRANCIS, Loewen's	93	15.5
GIST, NWC	83	11.9
BERRY, Genge	80	13.3
BLUE, Genge	78	15.6
MELIA, Loewen's	76	9.5
ALLEN, Loewen's	75	9.4
REBLING, VX-5 Vampires	65	9.3
FAGALY, Loewen's	62	10.4

Next Week's Schedule
Jan. 23—VX-5 Rebels vs. VX-5 Vampires; Special Services vs. NAF.
Jan. 24—VX-5 Rebels vs. NWC; Loewen's vs. Genge.
Jan. 25—VX-5 Rebels vs. NAF; Loewen's vs. Special Services.

Political candidate to his secretary: "Where's that list of people I call by their first names?"

WACOM's Farewell Luncheon Honors LaV McLean With Gifts, Surprises

WACOM's farewell luncheon honoring Mrs. LaV McLean was held Tuesday, January 9 at the Officers' Club. A prime rib lunch was served to approximately 150 ladies who gathered to say goodbye to Mrs. McLean.

Anne Etheridge and Donnie Goettig spoke on behalf of WACOM and expressed best wishes in the future to the McLean family.

A skit entitled "A Day in the Life of LaV McLean" was written by Billie Hise, Jane Wilson, and members of the skit, who were Eleanor Lotee as "LaV the physical education instructor," Katie Chenault as "LaV the club woman," Leah Little as "LaV the hostess" and Clare Hunter as "LaV the wife and mother."

Gifts presented to Mrs. Mc-

Lean included a silver tray, a bouquet of red roses, a key to China Lake, a hat made by Hope Lacombe and a group of art students, and several other gifts of sentimental importance.

The theme of the luncheon was Chapeau Originale, and prizes were awarded to Jean Robcke for the prettiest hat, Sherri LaPierre for the most original hat, and Joanna Stelwagon for the craziest hat. Door prizes were won by Marty Gingell, Dod Shull, and Peggy Collier.

Table decorations of gaily decorated miniature hats, were made by Gerda Sever, Eileen Russell, Shirley Ainsworth and Dorothy Anderson and were won by 15 ladies at the luncheon.



WACOM MEMBER HONORED — WACOM members took time Tuesday, January 9 to honor departing member Mrs. LaV McLean. Presenting Mrs. McLean (right) with a silver tray are Anne Etheridge (left), Billie Hise, Jane Wilson, and Donnie Goettig. Mrs. McLean also received a bouquet of red roses, a key to China Lake, and other gifts.



GOOFY HATS WIN PRAISE — WACOM's farewell luncheon for Mrs. LaV McLean held many unexpected surprises. Theme for the luncheon was "Chapeau Originale" and featured the latest in head gear modeled by these ladies. From left are Sherri LaPierre, winning a prize for the "Most Original Hat," Joanna Stelwagon and her "Craziest Hat" design, and Jean Robcke for her Prettiest Hat creation. Approximately 150 ladies attended the affair.



SAFETY ACHIEVEMENTS — Four Naval Weapons Center civilian employees proudly show off their 10 year Safety Awards for safety achievements during their assignment here. From left are Charles Van Hagan, Technical Information Department; Bill Mitchell, Supply Department; Carl Porter, Public Works Department; J. R. Schreiber, Aviation Ordnance Department, and Captain R. Williamson II, NWC Executive Officer, who presented the awards to the men.



CAPTAIN F. X. TIMMES, prospective Head, Air Warfare Branch, Office of the Chief of Naval Operations was a visitor to the Naval Weapons Center Corona Laboratories last week when he was introduced to a number of the research programs. Here one project of the advanced guidance techniques of the

Guidance Division is explained to him. It is an electro-optical correlator. Left to right are: Barry S. Todd and Werner G. Hueber of Code 721, Guidance Branch I; William F. Meggers, Head, Guidance Division; Dr. F. S. Atchison, Technical Director of Corona Laboratories; and Captain Timmes.

Dr. Claude Warren Featured Speaker At Museum Affair

Principle business to be conducted during the annual meeting and banquet of Maturango Museum members on Tuesday evening, January 23, at The Hideaway in Ridgecrest, will consist of an election by the entire membership of trustees to fill three vacancies on the governing board.

Ending Terms

Ending three-year terms of office are Albert S. Gould, Sr., completing a year as president of the board; Mrs. M. R. Etheridge, who had been appointed to complete the term of office vacated by Mrs. John I. Hardy, and Dr. Pierre St. Amand, who also served a three-year term. All three incumbents have agreed to run for re-election.

Featured speaker of the evening is to be Dr. Claude N. Warren, who was in charge of both archaeological "digs" in which Kenneth H. Robinson Scholarship winners have participated. Formerly professor of anthropology at Idaho State University, Dr. Warren is now associated with the University of California at Santa Barbara, which is sponsoring excavation of the Chapman Cave on the Center, which Maturango personnel are conducting. He is expected to reveal techniques used and the significance to science of such projects.

Interested persons are invited to attend the meeting and banquet. For reservations, call the Maturango Museum at Ext. 723683 or Mrs. Shirley Schneider at 375-4291 or mail a \$3.50 check (per person) to the museum at P.O. Box 5514, China Lake.



VISITS ON HIS WAY — Capt. F. X. Timmes, Technical Officer here until September 30, 1965, visited China Lake last week on his way from sea duty to his new post with CNO's Air, Surface and Electronic Warfare Div. He spent January 2 and 3 reviewing advanced NWC weapons projects. Talking with him about the Shrike project (above) are Leroy Riggs (l), head of Code 406, and William Porter (r), project manager.

Sandburg's Works Presented Sunday

Norman Corwin's, "The World of Carl Sandburg," will be presented by the Alpha-Omega Players of North Hollywood at 8 p.m. Sunday at the All-Faith Chapel on the Center.

The public is invited to attend the evening performance which is dedicated to the late Carl Sandburg, one of America's tallest literary figures.

Featured in the cast of players is Miss Gene Gould, who may be remembered from her past performances here with the Bishop's Company, and Clay Carlson, Jon Evans and John Versy.

The evening's production opens the "Sandburg Songbag" and dips into the riches of his poetry and prose which has become a part of true "Americana."

Corwin's play is based on the theme of life as woven through

the eyes of Sandburg. It begins at birth and takes life's journey from childhood into the world of a man of 80 with recollections of the people, things, ideas, and passions encountered enroute. There is laughter and pathos in the production that becomes an evening of the heart.

Social Security Rep. At Community Center Wednesday, Jan. 24

All China Lakers with questions about Social Security provisions may contact a representative from the Administration here next Wednesday, January 24.

He will be at the Community Center from 8:30 to 11:30 a.m., and is available for consultation.

World War II Vet, Police Officer, Advanced To New Post at Center

A quick run down on the past experiences of John E. Dowd, recently appointed Head, Security Operations Division (Code 841), reads like a fast-paced adventure story.

Serving with the U.S. Armed Forces during World War II and a Federal Civil Service employee after the war, Dowd's story includes military service in the infantry, paratroops, the para-ski troops, a fighter pilot, a heavy bomber pilot, policeman, police sergeant, detective, assistant police chief, and finally, his most recent assignment with Security Operations Division at Naval Weapons Center.

Asked how he felt about his new position, Dowd commented that his job poses quite a challenge to him. He has served with the NWC Police Division during the past 21 years and although his present position is still in the Security Department, his responsibilities are entirely different from previous work dealing with law enforcement.

He said, "I find that there is no similarity between it and the present job that I now hold."

Dowd was born and raised in Bakersfield, California and received his education in that town including two years of junior college. After school, he ventured to San Diego and worked with Convair Aircraft Corporation for 10 months before entering the U.S. Army as a recruit with an assignment to the Infantry.

After basic training, he volunteered for duty with the paratroops and received his jump training at the Airborne School at Fort Benning, Georgia. With more than 14 months of toughening training with the paratroops, part of this time was given to training as a ski-trooper for a proposed division of

para-ski troops being trained in the cold country of Alta, Utah.

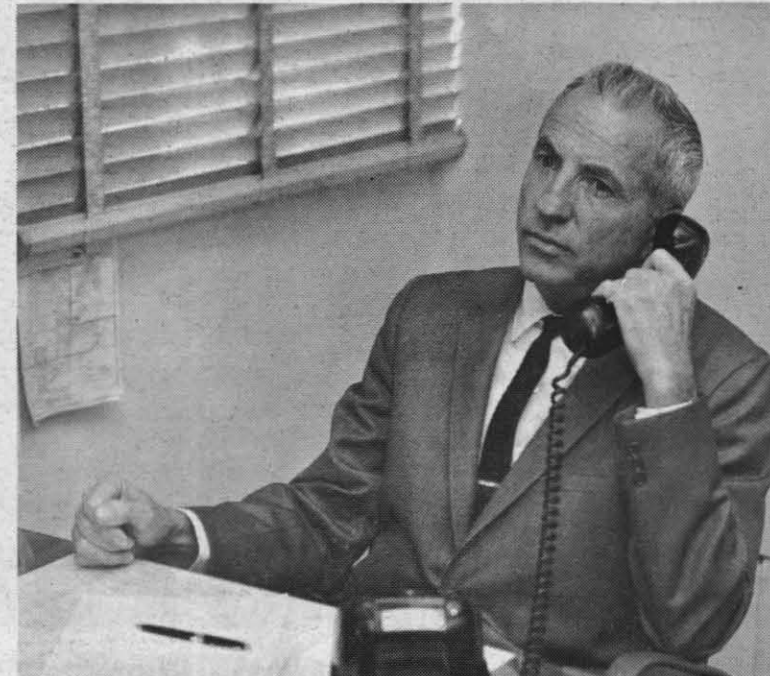
Dowd probably figured at this time if he was going to become airborne, why not try and fly in style, so he took the aviation cadet examinations then offered and in 1943 was graduated as a second lieutenant in the Army Air Corps.

Trained as a fighter pilot, he soon found there was a demand for four-engine pilots and was shortly transferred to a bomber command base at Boise Idaho and a unit commanded by movie star, Maj. Jimmy Stewart. Soon, thereafter, Dowd was on his way to Sioux City, Iowa for combat training in the B-24 Liberators, heavy bombers.

During the winter of 1943, Dowd packed his gear and moved to the European Theater of Operations (ETO) and his new base at Norwich, England. After completing 30 combat missions over Europe and winning six Air Medals and the Distinguished Flying Cross, Dowd was rotated to the states and assigned to the Fourth Corps Training Command, Walla Walla, Washington. In 1946, he received his discharge from the service and returned to civilian life.

In May 1946, Dowd came to NWC (then the Naval Ordnance Test Station) and was employed as a policeman. After three years on the job, Dowd recalls, he transferred to the now "defunct" explosive department at the pilot plant where the Navy had contracted for the Atomic Energy Commission (AEC). He remained there for five years until the contract was terminated and the plant was partially shut down and the security operation was no longer required.

Returning to the police division as a policeman, Dowd



JOHN E. DOWD, HEAD, SECURITY OPERATIONS DIVISION — More than 21 years of police work has earned John E. Dowd a promotion at Naval Weapons Center. Married to the former Royce Crook of London, Kentucky, the Dowds have two boys Mike, 15 and David, 17, both students at Burroughs High School. The Dowds are flegglings in the China Lake Golf Club and enjoy bowling at the Center lanes.

worked his way up through the grades to sergeant, then to detective and finally to assistant chief of police, a position he held from 1963 to 1967.

With 21 years and seven months of police and law enforcement work behind him, Dowd says he hopes his experience will prove to be an advantage to him in his present job.

Asked to comment on his new duties, he reflected that it's an entirely new field of endeavor for him and provides unlimited challenges. Generally, his duties are to supervise and control the activities of the official visitors branch and the internal security branch, headed by Mrs. Fran Smith and Mrs. William O'Neal, respectively.

Dowd also has the responsibility for coordinating police matters with his supervisor, R. H. Bodwell and the Chief of Police, V. A. Cummins, as well as activities with the fire and police divisions.

Dowd is married to the former Royce Crook of London, Kentucky. They live at 300 - B McIntire on the Center with their boys, Mike, 15 and David 17. The sons attend Burroughs High School; Mike as a freshman and David as a senior. Both are active in basketball, baseball and bowling.

Dowd and his wife, Royce, are active members in the China Lake Golf Club and are also bowling enthusiasts. Mrs. Dowd is a Ceramic hobbyist and a member of the Center's Ceramic Club.

Gardening Notes

By Marianne Kistler

This is bare-root-planting month in the Mojave Desert. Mainly this involves the planting of roses. Many varieties are beginning to appear in local stores and nurseries.

Before planting your newly purchased bare-root roses, a rule-of-thumb many gardeners follow is to soak the bushes at least 24 hours in a cool area. This procedure lessens the drying effects of being stored for long periods in warm places or outside.

The bushes can be soaked in containers of water or buried in a trench under several inches of moist soil. I have found that a large box works well if a trench is impractical, and if the planting must be delayed several days.

Place the bushes inside and cover with moistened peat moss. The flaps folded closed help retain the moisture, but check occasionally to see that it doesn't dry out. The peat moss can be mixed with the soil during the planting operation.

The planting of a bare-root rose involves digging a hole wide and deep enough to accommodate the roots when spread out. Next mix the peat

moss with the soil, moisten it and make a mound or cone shape in the bottom of the hole. It should be high enough so that the bush can be placed on it and the roots fanned out over the cone.

The bud union (where the branches start) should be about one inch above ground level. Fill the hole with soil mixture until about ¾ full. Tamp to remove air pockets and allow water to run slowly into the hole to settle the soil.

Fill the hole with the remaining soil mixture and mound up around the bud union and lower branches with moistened peat moss. This is to prevent damage from drying air and wind. If the newly planted rose is in a very exposed area, perhaps a burlap covering should be considered. Paper sacks do in a pinch, too.

Keep the soil and mound moist. Gradually remove the mounded peat in the spring as new shoots appear and the bush begins to leaf out.

The basin-watering-system is widely used here, so if any soil is remaining it can be applied to making basins around your roses and other shrubs.



PURPLE HEART AWARDEE — Captain R. F. Schall (left) NAF Commanding Officer, had the honor of pinning the Purple Heart ribbon on Commander Demetrio A. Verich during the Friday morning ceremony. Commander Verich, a rated officer with NAF, was awarded the Purple Heart for wounds he received upon ejection from his aircraft and during subsequent helicopter rescue after his aircraft was shot down by an enemy surface to air missile while he was engaged in a combat mission over North Vietnam on July 16, 1967. The Commander also received the gold star in lieu of his fifth Air Medal and first silver star in lieu of his sixth Air Medal. Reporting to NAF on December 4 for duty, he was promoted to Commander on December 6. He was attached to FITRON-162 embarked in USS Oriskany in Southeast Asia.

Dog Owners Urged To Bring Pets To Rabies Clinic

The annual rabies clinic sponsored by the Kern County Health Department is being conducted today at Naval Weapons Center in Bldg. 00936, an old quonset hut located North of the Training Building off Halsey Ave. Hours for vaccination of dogs is from 12 noon to 7 p.m. today.

All dog owners are urged to obtain 1968 rabies vaccinations and license tags for their pets at this clinic.



NEW CAPTAIN GETS BARS — Capt. Walter Godwin (center), chemical engineer with Code 502, receives his Army promotion from Capt. M. R. Etheridge, NWC Commander (left). Flanking Capt. Godwin at the

December, 1967, ceremony are (l-r) Capt. James Stanford, (now) acting Army Liaison Officer; Mrs. Louise Godwin, and (then) Lt. Col. Richard Clark, Army Liaison Officer. Dr. Clark is now a Code 502 scientist.

Military, Civilian Pay Increase Brightens Year for NWC People

At a White House ceremony for the signing of the military and civilian pay raise bills on December 16, 1967, the President said the measures mean "full equality" for military people. The President declared: "Patriotism can be its own reward — and thank God we have so many gallant men and women willing to live and die by that belief. But that is no excuse for making patriotism a penalty."

"Military men and women and their families, surely deserve a standard of living equal to the demands we place on them."

The Uniformed Services Pay Act of 1967 gave the serviceman the fifth pay raise in as many years, supplemented by other improvements in the military pay program.

First, Congressional action has provided a 5.6 percent per annum increase in basic pay, and second, included a number of other provisions such as:

Increased Dependents Assistance Act allowances for certain personnel in lower pay grades;

Authorization of a basic allowance for quarters (BAQ)

and dislocation allowances for certain bachelor personnel in connection with permanent changes of station;

Creation of a special basic pay rate of \$844.20 a month for the senior NCO position of each of the services;

Travel and transportation allowances for one round trip from a continental U.S. medical treatment facility to a point selected by a serviceman approved by his service Secretary when traveling during convalescent leave resulting from illness or injury incurred while eligible for hostile fire pay.

The bill also provides for future military pay increases tied in both date and amount to average future increases granted Federal civil service classified employees.

The civilian pay bill signed at the White House ceremony provides automatic pay raises which are expected to average about 4.5 percent next July and 7.5 percent in July 1969, depending on how fast private industry wages rise in the meantime.

The bill also increased insurance benefits, but there is no similar provision in the mil-

Emergency Calls Get Quick Handling

(Continued from Page 1) a month for housing repairs according to Assistant Public Works Officer LCdr. John J. Farbarik. On regular work days, Monday through Friday, the electronic recording is "read" by an attendant every 20 to 30 minutes. Then each message is transcribed to a work order, or "chit." These chits are picked up every half hour by the shop, and a craftsman is assigned to your job.

A routine service call is usually completed within two days. For economy, certain kinds of jobs are "batched" to make best use of maintenance manpower. If special parts are required, procurement time will determine how long it takes to do your job.

If you have a true emergency such as a broken water line, a gas leak or any condition endangering health and safety, call 72917. Your call will be answered by an attendant.

Within five minutes it will be relayed to the right shop. In true emergency situations help usually arrives in half an hour or less.

On weekends and holidays a small emergency crew is on duty from 7:30 a.m. to midnight. Only two plumbers and a heating - air conditioning mechanic stand by during these hours. Other emergencies require a man be called out for special duty.

After 4 p.m., calls to the emergency number are answered by the controlman at the main water pumping station. When an emergency exists the Public Works supervisor on duty can authorize calling out repairmen.

You will find it handy to clip these numbers and place them near your telephone: HOUSING SERVICE AND REPAIRS Ext. 7177 HOUSING EMERGENCIES Ext. 72917

Civilian Per Annum Scales

Grade	Annual rates and steps									
	1	2	3	4	5	6	7	8	9	10
GS-1	\$3,776	\$3,902	\$4,028	\$4,154	\$4,280	\$4,406	\$4,532	\$4,658	\$4,784	\$4,910
GS-2	4,108	4,245	4,382	4,519	4,656	4,793	4,930	5,067	5,204	5,341
GS-3	4,466	4,615	4,764	4,913	5,062	5,211	5,360	5,509	5,658	5,807
GS-4	4,995	5,161	5,327	5,493	5,659	5,825	5,991	6,157	6,323	6,489
GS-5	5,565	5,751	5,937	6,123	6,309	6,495	6,681	6,867	7,053	7,239
GS-6	6,137	6,342	6,547	6,752	6,957	7,162	7,367	7,572	7,777	7,982
GS-7	6,734	6,959	7,184	7,409	7,634	7,859	8,084	8,309	8,534	8,759
GS-8	7,384	7,630	7,876	8,122	8,368	8,614	8,860	9,106	9,352	9,598
GS-9	8,054	8,323	8,592	8,861	9,130	9,399	9,668	9,937	10,206	10,475
GS-10	8,821	9,115	9,409	9,703	9,997	10,291	10,585	10,879	11,173	11,467
GS-11	9,657	9,979	10,301	10,623	10,945	11,267	11,589	11,911	12,233	12,555
GS-12	11,461	11,843	12,225	12,607	12,989	13,371	13,753	14,135	14,517	14,899
GS-13	13,507	13,957	14,407	14,857	15,307	15,757	16,207	16,657	17,107	17,557
GS-14	15,841	16,369	16,897	17,425	17,953	18,481	19,009	19,537	20,065	20,593
GS-15	18,404	19,017	19,630	20,243	20,856	21,469	22,082	22,695	23,308	23,921

itary raise. For civilians at NWC, there was a 25 cent increase in insurance rates for those whose pay was increased into the next "thousand" bracket effective on December 16, the date the bill was finally signed.

For civilian employees having charity contributions deducted from their pay checks, the last deduction for year 1967 was taken out of the checks during the last pay period on January 5, 1968. The first deduction for year 1968 will show in pay checks due on February 2, 1968.

Special pay rates are provided for personnel in the Geology series, grades five through

seven; Medical series, grades 11 through 15; Accounting series, grades five through nine; Nursing series, grades four through nine, and Psychology series, grades 11 through 13.

The schedule for the special pay rates are indicated in other pay schedules (not shown here) and information may be obtained by contacting NWC Civilian Personnel Office or the Cost and Accounting Staff (Code 1762).

NWC Firefighters receive special premium rates and the new pay scales are available at the Center's Fire Department.

According to Cost and Analysis Staff officials, the task of completing the new pay roll was completed on December

28. The retroactive portion of the new pay was mailed, via check, to Center employees on December 29. These checks showed five pay periods with the retroactive pay from October 8 through December 16.

Personnel assigned to Cost and Analysis Staff working on the new pay bill and adjusted employees pay records to reflect the new pay increases endeavored four weeks preparing ground work for the Center's vast pay roll. All this being accomplished in the midst of converting the payroll from the IBM system to the new UNIVAC computer.

The new pay schedules for military personnel and Federal Civil Service employees are listed below for clip - out or handy reference.

Lakers Invited To Observe Work Of Labs, NAF, VX-5

(Continued from Page 1) an H-34 Seahorse helicopter, also from NAF.

Then a pair of VX-5 ships, an A-4 and an F-8 will fly by — the A-4 rigged as a "tanker" with a "buddy store" of fuel, and the F-8 refueling from it. "This has saved many a pilot and plane in a combat mission," reports Maj. O'Brien.

NAF craft will close the firepower demonstration with a prop-driven A-1 and an A-7 jet, one of the latest, flying in formation; a diamond formation fly-by of F-4, A-4, A-7 and F-8 planes, and an individual fly-by of the same craft in landing configuration.



COMMENDATIONS PRESENTED — Two Navy officers received Commendations recently for performing special projects involving the Sidewinder AIM-9B and 9D programs from Captain M. R. Etheridge, Naval Weapons Center Commander during a brief ceremony in his office. Shown from left are: Commander Max C. Gunn Jr., Officer-in-Charge, NAV- Guided Mis-



ile Unit 4, presenting Lieutenant James R. Dobbins his Commendation. Dobbins also received an inscribed desk model of the Sidewinder. Captain C. Nello Pierozzi, Commanding Officer, Air Development Four (VX-4), Pt. Mugu, observes Commander Kyle H. Woodbury, Air Development Squadron Four, accepting a desk model from Captain Etheridge.

Two Naval Officers Recognized For Achievements, Earn Commendations, Presented Sidewinder Models

For their part in the development, testing and overall evaluation of the Sidewinder AIM-9B and 9D programs, two Navy officers have received Commendations and desk model sets from Captain M. R. Etheridge, Naval Weapons Center Commander in a brief presentation ceremony held in his office.

Commander Kyle H. Woodbury, assigned to Air Development Squadron Four, received the following Commendation from Captain Etheridge:

"From June 1966 he has served as Chief, Projects and Operations Officer. Part of his duties have been the development, evaluation, and promulgation of characteristics for tactical combat employment of air launched guided missiles, including the Sidewinder AIM-9B and Sidewinder AIM-9D, for which this Center has design and engineering cognizance."

"The high degree of success of the Sidewinder missiles in combat is attributable, in large part, to the quality, accuracy, and adequacy of tactical knowledge learned by the fighter aircraft pilot through

the training information provided to him."

His superior knowledge of fighter combat tactics, combined with his outstanding technical capabilities, have resulted in vast improvements in the employment of Sidewinder missiles.

"It is for the above reasons that I find distinct pleasure in commending Commander Woodbury for a job exceptionally well done."

Captain Etheridge also presented a Commendation and Sidewinder model to Lieutenant James R. Dobbins, a member of Guided Missile Unit 41. His Commendation read:

"Lieutenant James R. Dobbins was assigned to your Unit as Missile Project Officer dur-

ing the period August 1964 to November 1967. Part of his duties was the conduct of flight test programs of guided missiles, including the Sidewinder AIM-9B and Sidewinder AIM-9D, for which this Center is technically cognizant."

"The effectiveness of a weapon when used in combat, particularly a complex aircraft-guided missile system, is due to a number of important factors. One critical consideration is the evaluation and verification of theoretical missile aerodynamic performance when air fired in a tactical combat environment at a simulated enemy aircraft. This knowledge is of paramount importance to the fighter pilot, in light of the high maneuverability of modern jet aircraft."

"It is essential that missile performance limitations, in terms of launch position with respect to the target, be firmly established and understood. Lieutenant Dobbins has been untiring in his efforts in support of personnel at this Center in gaining this knowledge."

"Through his outstanding capability as a pilot, coupled with

his unusual technical competence, he has established an enviable record of successful air firings of Sidewinder missiles. A predominant number of missiles fired at this Center by Lieutenant Dobbins, have been launched under the most difficult of conditions, where the margin for error is critical and can result in a very costly failure."

"No small part of the combat success of the Sidewinder missile has been a thorough understanding of its performance by fighter pilots. A very tangible measure of this understanding is directly attributable to the proficiency with which Lieutenant Dobbins has executed his programs."

"In light of the above, it gives me considerable pleasure to commend Lieutenant Dobbins for a difficult job done unusually well."

Also on hand to take part in the Commendation ceremonies were Captain C. Nello Pierozzi, Commanding Officer, Air Development Four, Pt. Mugu, and Commander Max C. Gunn Jr., Officer - in - Charge, NAV-Guided Missile Unit 41.

Day-Long Seminar Held for Writers, Editors at NWC

Robert F. Gunning, consultant in the techniques of clear writing, recently presented a seminar oriented to writer-editor people working at Naval Weapons Center, China Lake, and NWC Corona Laboratories.

The primary aim of the day-long seminar, conceived by Dan Butler (Code 654) and Gunning, was to determine if a session directed solely at editors and writers, instead of to engineers, scientists and other authors, would achieve beneficial results.

Gunning pointed out that to successfully edit technical material, the writer need not be an expert in a particular field as long as he is familiar with the English language and the language of the special field. It is also of paramount importance that the writer know to whom he is writing or for the audience copy is being edited and exactly what is trying to be conveyed in short, meaningful sentences. This area is where the fog index first becomes apparent.

Excellent style is clarity and economy in literary or technical writing and editing. The difference between a professional writer and one who has to write can usually be found in the writers organization of his subject matter.

An important contribution to better writing and editing, Gunning mentioned, is for the authors to take more time with their writing and to learn as much about the language they use in expressing their thoughts.

Gunning also stated that there is a difference between hedging and qualifying words and statements. There are times when a writer has to qualify his statements, but to resort to hedging is to invite wordiness and a high fog index that results in really not saying anything at all.

Editors should be ethical enough, Gunning believes, not to make a change in an author's manuscript unless there is a valid reason for the change. He deplores change for changes sake in editing.

Metal Trades, NWC Discuss Work Topics

Negotiations between the Naval Weapons Center and the Indian Wells Valley Metal Trades Council were opened on January 8, 1968, by Captain M. R. Etheridge, Naval Weapons Center Commander. Captain Etheridge emphasized the goal of the negotiators in providing a meaningful and workable agreement for the discussion and adjustment of matters of mutual interest to employees and management.

Four Unions Involved

The Indian Wells Valley Metal Trades Council consists of four affiliated local unions; The Sheetmetal Workers International Association Local No. 551; The International Association of Machinists Desert Lodge No. 442; and the International Brotherhood of Electrical Workers Local No. 729; and the United Brotherhood of

Carpenters and Joiners Local No. 2224. The Council represents, on an exclusive basis, all direct-hire non-supervisory per diem employees at the Naval Weapons Center.

Subjects for negotiation will involve Center policies and programs related to working conditions of non-supervisory per diem employees, including but not limited to such matters as safety, training, labor-management cooperation, employee services, methods of adjusting grievances, appeals, leave, promotion plans, demotion practices, pay practices, reduction-in-force practices and hours of work.

Robert Crum of the International Brotherhood of Electrical Workers, is chief spokesman for the Indian Wells Valley Metal Trades Council. Members of the Council Nego-

tiating committee are Joseph W. Lechner, John C. Williams, Donald Fuller, Frank Young, David Perry, Jay Oliver, and Dana Hams.

The Chief Negotiator for the Naval Weapons Center Negotiations Committee is J. J. Defes, Head of Mechanical Division, Engineering Department. Members of the Center Negotiating Committee are Captain C. R. Lee, Director of Supply; Raymond A. Harrison, head of Personnel Department; E. C. Shaw, head of Code 70's Maintenance and Utilities Division, and T. J. Haycock, head of Personnel's Employee Management Relations Division.

More than 100,000 men have been designated Naval Aviators at the U.S. Naval Air Station, Pensacola, Fla., since naval aviation began in 1914.

Top Kern Artist To Talk Acrylics To Laker Artists

Gus Bouquet, nationally known Bakersfield painter and sculptor, will demonstrate the use of acrylics at a meeting of the Desert Art League next Monday, January 22.

Bouquet is the Art Director for the Kern County Fair. He was educated in California academic and art schools, and is a fellow of the Society of Western Artists. His demonstration program is scheduled for the Community Center at the regular 8 p.m. Art League meeting.

Bouquet's work is currently being shown at the Parks Gallery in San Jose and at the De Saisett Gallery in San Francisco, where the show is being judged through the Society of Western Artists.