

NAF ADVANCEMENTS IN RATE — Forty-five men assigned to the Naval Air Facility received orders of their advancement - in - rate from Captain L. A. Dewing (l), NAF Commanding Officer during a recent morning quarters inspection

held at NAF. Thirty-seven were advanced to third class, six to second class, one to chief aviation fire control technician and one to chief aviation ordnanceman. Forty-four were in the aviation rate and one was commissaryman rate.

## Anniversary Medallions Still On Sale

The remainder of the anniversary medallions from the first die run will be offered for sale by both sponsors, the Maturango Museum and the IWW Council of the Navy League.

Navy League members having coins for sale are Howell Sumrall, Francis Carlisle, Herb King and Jim Wheeler. The coins can also be purchased at the Maturango Museum during the hours from 2-5 p.m. Saturdays and Sundays.

Coins are priced at \$1.00 each; \$1.25 with protective plastic cases; and \$1.50 with cases mailed anywhere in the United States. Incoming mail orders will be accepted.

If there are sufficient orders after the stock is sold, a second die run will be ordered. Approximate delivery date from such a die run is mid-January 1969.

## SHOWBOAT

**FRIDAY NOVEMBER 15**  
**"A TIME TO SING"** (92 Min.)  
 Hank Williams, Jr., Shelly Fabares  
 7:30 P.M.  
 (Country/Musical) The man who started the country-music storm over Nashville. Hank leaves his uncle's tobacco farm to work his way into the singing business as his on-again, off-again romance with pretty Shelly progresses. (Adult, Youth)  
 Shorts: "Cat Above, Mouse Below" (7 Min.)  
 "Half Time, U.S.A." (9 Min.)  
**SATURDAY NOVEMBER 16**  
**"VALLEY OF MYSTERY"** (93 Min.)  
 Richard Egan  
 1:00 P.M.  
 (Country/Musical) The man who started the country-music storm over Nashville. Hank leaves his uncle's tobacco farm to work his way into the singing business as his on-again, off-again romance with pretty Shelly progresses. (Adult, Youth)  
 Shorts: "Cat Above, Mouse Below" (7 Min.)  
 "Half Time, U.S.A." (9 Min.)  
**SUNDAY-MONDAY NOVEMBER 17-18**  
**"THE PINK JUNGLE"** (104 Min.)  
 James Garner, Eva Renzi, Geo. Kennedy  
 7:30 P.M.  
 (Adventure/Comedy) Jet set photographer and a pretty model go to Africa for an ad campaign but get all mixed up in a diamond smuggling plot. Wisecrack-a-minute story is filled with gags and comic opera adventure. (Adult, Youth)  
 Short: "Tijuana Brass" (6 Min.)  
**TUESDAY-WEDNESDAY NOVEMBER 19-20**  
**"PRUDENCE AND THE PILL"** (92 Min.)  
 Deborah Kerr, David Niven  
 7:30 P.M.  
 (Comedy) Pill, pill, who's got the pill? Mother has them, but daughter took them! The maid substituted them, but father swiped them! A madcap sophisticated romp of marriage and modern manners done up in uproarious fashion. Taps! (Adult)  
**THURSDAY-FRIDAY NOVEMBER 21-22**  
**"THE STRANGER RETURNS"** (90 Min.)  
 Tony Anthony, Dan Vadis  
 7:30 P.M.  
 (Western) Rip-sawntin' tale has the serape-cled hero after a gold shipment despite the efforts of a bandito gang to also rob the stage. Don't ever laugh at this stranger with a parol who owns a horse named "Pussy." (Adult)  
 Shorts: "Unshrinkable Mouse" (7 Min.)  
 "Ballet in Blue" (9 Min.)

## Combined Federal Campaign Closes

Last week of the 1969 Combined Federal Campaign boosted the tally of funds donated by NWC people near the \$50,000 mark. Co-Chairmen Captain K. C. Abplanalp and K. S. Skaar credited the final landslide of contributions to a big push on the part of Departmental Keymen and their assistants.

Last Tuesday's total exceeded \$49,000 and with a number of payroll deduction authorizations returned to donors for corrections and with final results still to come from a few Keymen, the Chairmen predicted 1969 will be a record year at NWC when \$50,000 will be given for charitable causes.

Bookwork to allocate designated funds among specified agencies and to complete a final count of all donated funds will probably take another week said a member of the Coordinating Committee.

The Co-Chairmen expressed their appreciation for the effort and cooperation of Keymen and Assistant Keymen throughout the Center. By personal contact with fellow employees, stated the Chairmen, Keymen made the 1969 Combined Federal Campaign an outstanding success.

## Aetna Agent At Community Center November 21, 22

The Aetna Insurance Representative, Mr. Howard Keenan, will be at the Community Center next Thursday and Friday, November 21 and 22, from 9 a.m. until 4 p.m. on Thursday and from 9 a.m. until 3 p.m. on Friday.

Now a new way to help your country as you help yourself  
 U.S. SAVINGS BONDS  
 NEW FREEDOM SHARES

From \_\_\_\_\_

TO \_\_\_\_\_

STAMP

## School Plans Technician Development

The Navy and the Desert Campus of Bakersfield College are cooperating in a new electronics, drafting, and machine technology program that has pushed off to a good start, according to Ray Marsh, coordinator of the program.

The courses, which are planned as a part of a two-year sequence leading to the Associate in Arts degree, will train students for jobs available at the Naval Weapons Center and in Ridgecrest. Claude Wood, Head of the RF Measurements Branch, Code 4021, and an electronics instructor in the program, says, "We are developing technicians that we can't get."

The Navy is providing Bakersfield College lecture and laboratory space in Training Annex 2 until the College builds its own campus, perhaps by 1972. The College is presently considering sites and has already chosen a team of architects. Currently electronics and machine shop courses are meeting in the annex while drafting is taught on the temporary campus the College has at Burroughs High School.

### Navy Shares With College

The Navy and the College share personnel as well as space. In addition to Claude Wood of Code 4021, the instructors are Edlin Patterson, Electrical Engineer, Code 3045, and Employee Development Specialists Carl Flag, Code 654; and Fred Ladda, Code 654. The instructors have not only educational and practical work experience but also teaching experience.

Wood is a graduate of San Diego State College with a BSEE degree and Patterson is a graduate of the University of California at Berkeley with a MSEE degree. Both Ladda, who is a graduate of Bakersfield College, and Flag have taught in the apprentice programs with Flag having instructed in the adult education courses for the Kern County School System since 1952.

Students who are interested in the program and who by experience or education could be exempted from the first semester courses should enroll for the spring semester in January. Further information about the program can be obtained from Ray Marsh at Bakersfield College or from the instructors.

## Public Hunts Center Ranges

(Continued from Page 10)  
 These underground reservoirs collect rainfall and provide a year-round supply of drinking water for game birds. Over 20 have been installed by the California Department of Fish and Game as part of the NWC conservation program.

Adult leaders in charge of the clean-up project included Assistant Scoutmaster Don Moore, John DiPol, Maurice Hamm, Ronald Henry and Leroy Ogan. The 25 Scouts were led by Senior Patrol Leader Richard Sound and Patrol Leaders Jim Backman, John DiPol, Tim Finnegan and Larry Mills.

Sixth Consecutive Year  
 This is the sixth consecutive year for public hunting on 260 square miles of Navy lands at China Lake. Numbers of hunters and hunter success has climbed steadily each season to this year's record high.

The Asiatic partridges, popularly known as chukar, were introduced to NWC lands in 1942. Their success here has been so great that pen-raised chukar are no longer reared by California Department of Fish and Game for stocking upland game areas. As part of the cooperative wildlife management agreement between the Center, the California Department of Fish and Game and the Bureau of Sport Fisheries and Wildlife, game managers live-trap birds outside the hunting area for transplant to regions in need of broodstock. This year 1,000 chukar were trapped in August for statewide distribution. Since the start of the trapping program in 1954, 9,500 chukar have been sent to areas where DFG biologists felt the birds could successfully establish themselves.

Compared with the coveys observed early in the summer when DFG made its annual brood count to estimate the hatch ratio, the number of chukar trapped represent a small fraction of the total partridge population on the Center.

Next hunting weekend will be November 16 and 17. The NWC season closes on the weekend of November 23 and 24. The Darwin Gate will be open for hunters at 5 a.m. during the remaining two weeks of hunting.

## CROSSWORD PUZZLE

Answer to Previous Puzzle

**ACROSS**

- Insect
- Unluck
- Node
- Toward
- Burrowing animal
- Wine cup
- Be in need
- Pronoun
- Man's nickname
- Shakespearean character
- Look fixedly
- Students
- Preposition
- Omit from pronunciation
- Perform
- Snake
- Greek letter
- Post
- Maiden loved by Zeus
- Haul
- Capuchin monkey
- River ducks
- Indefinite article
- In a corrupt manner
- Danger
- Want
- Be mistaken
- Preposition
- Gets up
- Falsehood
- Fondies
- Girl's name
- Number
- Withered
- Electric catfish

**DOWN**

- Existed
- In music, high

Distr. by United Feature Syndicate, Inc.



Vol. XXII, No. 46

Naval Weapons Center, China Lake, California

Fri., Nov. 15, 1968

# VAdm. Connolly Visits NWC On Silver Anniversary Date

## Commander Congratulates Committees

The successful culmination of the Center's silver anniversary brought forth the following message from the Center's Commander:

"I want to express my personal thanks to the many people both in China Lake and Ridgecrest who worked so hard to make the Naval Weapons Center's 25th Anniversary celebration a resounding success. Events of this magnitude require an inordinate amount of planning and preparation and the joint and concerted efforts of many dedicated individuals. With usual NWC thoroughness and attention to detail, every event was obviously well organized and planned.

In particular, I should like to express my appreciation to the members of the 25th Anniversary Committee, who carried the main burden of this gigantic effort. The celebration helped bring into focus the importance of NWC's work of the past 25 years to both the Navy and the country."

M. R. ETHERIDGE

Planning for the occasion began last spring at which time K. H. Robinson, head of the Technical Information Department,



25th ANNIVERSARY CAKE CUT — Capt. L. A. Dewing, NAF Commanding Officer, Dr. Thomas S. Amlie, Technical Director, Adm. S. E. Burroughs, Jr., USN (Ret.), the

first Center Commander, and Capt. M. R. Etheridge, present Center Commander, cut cake at Chief Petty Officers' Club. There were two other cake cutting ceremonies.

partment, was appointed Chairman of the 25th Anniversary Commemoration. A committee was then formed of persons who were either early timers on the Center or whose positions were related to key functions for such a celebration. In addition to the committee many regular serv-

ice units of the Center were called upon for support. Management Representative & Commemoration Speech Arrangements — Capt. Robert Williamson II: Military Representatives — Cmdr. Carl Bates; Lt. j.g. J. E. Terrell; May Early Timer's Meeting —

A. B. Christman, Chairman; Norman Rump; Mary Miller; Open House — James DeSanto, Chairman; Ray Nelson; James Hefflin; Kenneth Schubert; James Adams; Ray Sinnott; Harold Lindberg; John Dowd; J. J. Deffes; James Campbell; William Ait-

(Continued on Page 4)

# Two Receive Thompson Award



THOMPSON AWARD WINNERS — Kenneth H. Robinson, Head of the Technical Information Department (left panel), and Charles P. Smith, Head of the Infrared Systems Division,



Weapons Development Department (right panel), are presented the Center's highest award by Dr. L. T. E. Thompson, whom the award honors. See story on Page 9.



VADM. T. F. CONNOLLY  
 ments and capabilities . . . Although we are going through times of great difficulty for R&D establishments, I know we can look forward to your continued leadership in your field, and even to greater future achievements."

"These words of Bob Frosch sort of make it redundant to recite the litanies of your success and I won't," Admiral Connolly said.

"I suddenly began to think what if China Lake began to slip, if the touch was lost? What is that touch? In what is it founded? What are the ingredients?"

How Did It Begin,  
 "So I started at the beginning to read how it all began — why, who and how? I thought I had known the story, I had not. It's a fabulous story. From it, from my experience and observations while here for two years and 14 subsequent years in the Fleet, in WEST-  
 (Continued on Page 3)

Anniversary  
 Pictorial  
 Coverage

Pages 5, 6, 7, 8



## CHAPLAIN'S MESSAGE

Spoken In  
Parables

CHAPLAIN JUDE R. SENIEUR



The punch line in the parables of Christ are not always apparent. As a matter of fact, it didn't seem He wanted to be overwhelmingly clear. He indicated that there would be those with eyes that would not see and ears that would not hear.

Man hasn't changed. He is still capable of and continues to practice selective hearing and seeing. He hears what he chooses to hear and he sees what he chooses to see. And that's pretty much the way it has to be.

Love is what life is all about. And when it is a matter of love there must be the opportunity for a free choice. That's why in the parables, and for that matter in all of nature, we can see if we choose to see; can hear if we choose to hear. God has revealed Himself and His will sufficiently but not compellingly.

Today there are many unspoken parables. These are events and situations that seem at first to be beyond our understanding. They seem to involve an unanswerable "why?" With trust in God's goodness and confidence in his guiding hand we proceed to do everything we can. When there is no longer anything we can do, or when a situation is beyond our understanding, we have a choice. Either we can choose to love God and continue our efforts, confident that with His help we will eventually reach a solution and an understanding. Or we can declare God is dead and turn back into the frustrating limitations of our own confusion.

Faith is to the human intelligence what radar is to the human eye.

It is an extension of our normal power until such time as our normal power can handle the situation. The skipper of a ship or the pilot of a plane is foolish to reject a radar report because of the limitation of his naked eye. Many a ship and many a plane have been saved by radar.

That's what Christ meant when He said, "Go on your way, your faith has saved you." Faith will see us through the blind spot of today's "parable" . . . if we choose to use it.

## EDITORIAL

## The Credit-ability Gap

It's almost that time of year again, believe it or not. Exchange Toyland's have opened, the stocks of Christmas cards are being put out, Christmas catalogs are available and soon the strains of Christmas carols will be emanating from radios and store sound systems.

Planning for the holiday season and Christmas giving will soon be occupying most everyone's minds — and bank accounts. All too often the contagious spirit of the holiday season and the desire to make the season and the holiday a memorable one for family and friends cloud normal good judgment and lead to financial disaster.

Let's face it, there are time payment plans available for almost anything you would ever want to buy. Most of them are easy to get and they appear to be so safe it's easy to overcommit your financial resources without realizing it — until it's too late.

Then you have the credit-ability gap — too much credit and an inability to meet your obligations. This not only can cause you a great deal of embarrassment, but, in some cases, could ruin your career, your home life and your future.

If you're going to buy now and pay later, do it wisely and with moderation so you won't pay and pay and pay and pay. (AFPS)

## The Rocketeer

Official Weekly Publication  
U. S. Naval Weapons Center  
China Lake, California

Capt. M. R. Etheridge, USN  
NWC Commander

"J." Bibby  
Public Affairs Officer

William P. Valente, Jr.  
Editor

Frederick L. Richards  
Editorial Advisor

Jean Rober  
News Bureau

Ed Ranc, Sports  
Staff Writer

Lucille Edwards  
Editorial Assistant

PH1 Gary D. Bird, PH2 Delmar E. Hart,  
PHAN Michael F. Krause, AN Maurice Dias.  
Staff Photographers

## DEADLINES:

News Stories . . . Tuesday, 4:30 p.m.  
Photographs . . . Tuesday, 11:30 a.m.  
The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen.  
Phones . . . 71354, 71655, 72082

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 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, 95 King Ave.)—Sundays, 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.

Supervisory Chemical Engineer, GS-12, Code 4571 — Section Head for Extruded Propellants Section, position requires solid propellant formulation experience with experience in extruded propellants desirable.

File applications for above with Jan Bixler, Rm. 24, Bldg. 34, Phone 72723.

Stress Analyst, GS-13 or 14, Code 6058—The specific requirements for the position are academic background and/or extensive experience in the field of engineering mechanics, experience in stress analysis, of complex shapes, aptitude and/or experience in photoelasticity and photoelastic techniques, ability to improvise, some understanding of the behavior of polymers and rubbers (viscoelasticity) is desirable, a desire and ability to work between the propellant development engineer and the theorist, and desire to extend knowledge from infinitesimal deformation theory to finite deformation theory.

File applications for above with Jan Bixler, Rm. 24, Bldg. 34, Phone 72723.

Clark-Typist or Clerk (Typing), GS-3, (one vacancy), Code 843 — This position is in the Police Division, Security Department. The duties consist of typing, filing, receptionist and general office work. The position is under the NWC Chief of Police. The work week is 48 hours — 40 hours of straight time and eight hours of overtime. The 48 hours are broken down into six, eight-hour days, 7:30 a.m. to 4:30 p.m.

Vehicle Examiner, GS-540-05/04/05, (three vacancies), Code 2575 — Receives bills, checks for accuracy against stubs, sorts bills and prepares a summary of accounting data; files stubs and maintains constant follow-up of current stubs to monitor timely and proper receipt of ordered material.

Supply Clerk, GS-2040-03/04, (two vacancies), Code 2575 — Experience required is one year of general at the GS-3 level and one year of general plus one year of specialized at the GS-4 level.

Supervisory Supply Clerk, GS-2040-04/05, (one vacancy), Code 2575 — Applicants specialized experience for the GS-4 level and one and one-half years general and one and one-half specialized experience for the GS-5 level.

Supervisory Supply Clerk, GS-2040-09, (one vacancy), Code 2575 — Applicants must show one and one-half years general and three and one-half years specialized experience to qualify.

Clerk - Typist, GS-322-03, (one vacancy), Code 2575 — This position is located in the Purchase Material Section, Receipt Control Branch, Control Division, Supply Department. The incumbent types various kinds of reports, letters, requisitions and other documents for the Branch, which is responsible for maintaining all paperwork regarding the receipt of material on this Center.

Inventory Management Specialist, GS-2010-05/06/07, (three vacancies), Code 2575 — Incumbent is charged with the technical responsibility for complete inventory management of a portion of the items which have been designated for control by the Center. The responsibility is executed through review, evaluation and adjustment of computer-generated inventory management data. The above responsibility includes training in stock-level maintenance, records maintenance and quality control, procurement authorization and the administration of the Navy Stock Fund.

File applications for the above with Carole Cadde, Bldg. 34, Rm. 26, Phone 71648.

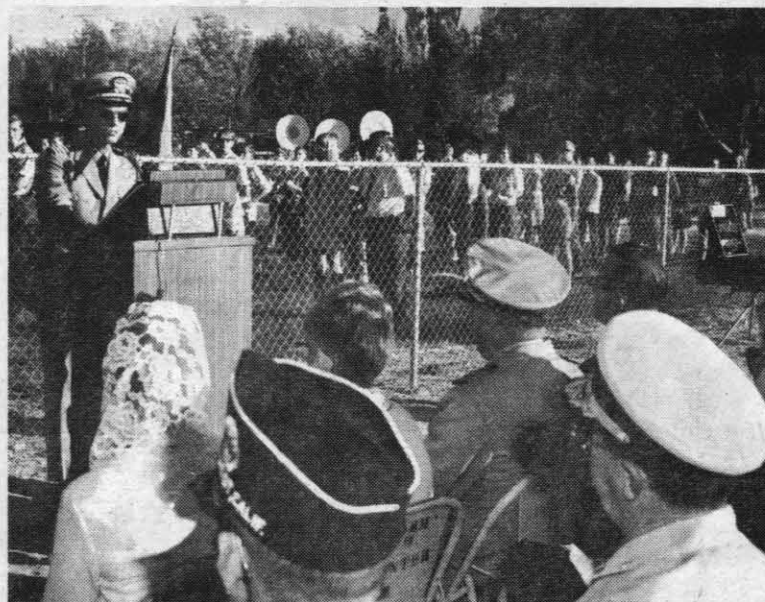
Budget Analyst, GS-560-5, PD No. 717015, Code 1722 — Located in Programs and Budget Staff, Central Staff. Incumbent will receive training and duties leading to future assignment as a budget analyst with the responsibilities pertaining thereto. The greater portion of the duties will be training assignments as designated by the Head, Programs and Budget Staff. Incumbent will receive instructions from senior budget analysts. Training will include assignments of work supplementing and pointing up the content of the verbal instruction. Will receive assignments intended to acquaint him with the Center, its role and operation.

File application for above with Sue Prasolowicz, Bldg. 34, Rm. 28, Phone 71577.

Publications Officer, GS-1001-13, Code 3550 — This position is that of Senior Technical Coordinator of the Contract Coordination Office, in the Engineering Department. The incumbent is responsible for the efficient and effective utilization of the Documentation Contractor on preparation of all engineering drawings, drawings, specifications, engineering handbooks, manuals and related engineering documentation of work originating within the Naval Weapons Center and processed by the Contractor. Work assignments in this subject field originating in any Technical Support Department of the Naval Weapons Center and to be produced by the Contractor will be processed through this office. Qualifications: Experience and training related to preparation of engineering documentation to government standards, including at least 4 years of progressively responsible specialized experience which included dealing with contractors in the field of engineering documentation or hardware design and supervision of personnel engaged in preparation of such data. Incumbent must have demonstrated ability to work successfully with people in difficult situations, under pressure.

File above applications with Pat Gaunt, Bldg. 34, Room 34, Phone 71514.

## Davidove Field Dedicated



IN THE TRADITIONAL PATRIOTIC SPIRIT — A new playground was recently dedicated in memory of Pfc. Ernest F. Davidove, 21, a former soldier with the Army's 1st Air Cavalry Division, who gave his all during combat last February in Vietnam. Some 300 persons, including the NAF color guard, Burroughs High School band, officials of NWC and the Community Council attended the unveiling of the memorial tablet and presentation of a replica to Mr. and Mrs. Lou Davidove, parents of the heroic serviceman. Capt. M. R. Etheridge, NWC Commander, paid tribute to the community spirit leading to the development of Davidove Field.

COM Anniversary Dinner Sees  
Choice of Burroughs, Ashworth

A double-barreled program was the feature of the Anniversary Dinner on Saturday Nov. 9 at the Commissioned Officers' Mess. The program was conducted in the two dining rooms of the club, with NWC's first Commander, Rear Admiral S. E. Burroughs, USN (Ret.), speaking first from the Sierra Room and Vice Admiral John T. Hayward, USN (Ret.), the first Experimental Officer, addressing the double group from the Mojave Room.

The Anniversary Dinner was attended by 275 guests and Center military and civilian personnel. Admiral Burroughs spoke of the early days at Harvey Field and China Lake and lauded the military-civilian team that established the foundations of today's weapon research and development center.

Admiral Hayward, who recently retired as President of the Naval War College, traced the role of the rebel in the progress of the Navy. He outlined the milestones in Navy history by singling out the forward-thinking naval officers who forced progressive change upon the establishment, beginning with the start of the Navy in October, 1775. He ended his address with the remark, "I certainly hope we have plenty of rebels here at Inyokern." (He explained that his use of Inyokern as the Center name remains from his tour of duty here in 1945-47.)

Capt. M. R. Etheridge, Center Commander, was master of ceremonies in the Sierra Room, and H. G. Wilson, Deputy Technical Director, conducted the program from the Mojave Room.

## Decorating Workshops



A HOLIDAY DECORATION WORKSHOP, directed by Mrs. Kern H. Copeland, was held October 22 and 23 by the Oasis Garden Club. Use of the instruction is being made by (l-r) Maryann Kistler, Peggy Benton and Bernice Meade. A well-known flower show judge, Mrs. Copeland is vice president of the Flower Show Judges Council of Los Angeles, circulation manager for "Golden Gardens" and State Yearbook and Roster Chairman. Workshops will be held every Tuesday and Thursday at the club house, 363-C McIntire Street, to complete the projects begun for the Holiday Decoration Tea to be held at Dr. and Mrs. Edward Benton's home, 306 Midway, China Lake, November 21. For more information, call Mrs. R. Meade, vice, president.

## Dinners Feature Memories

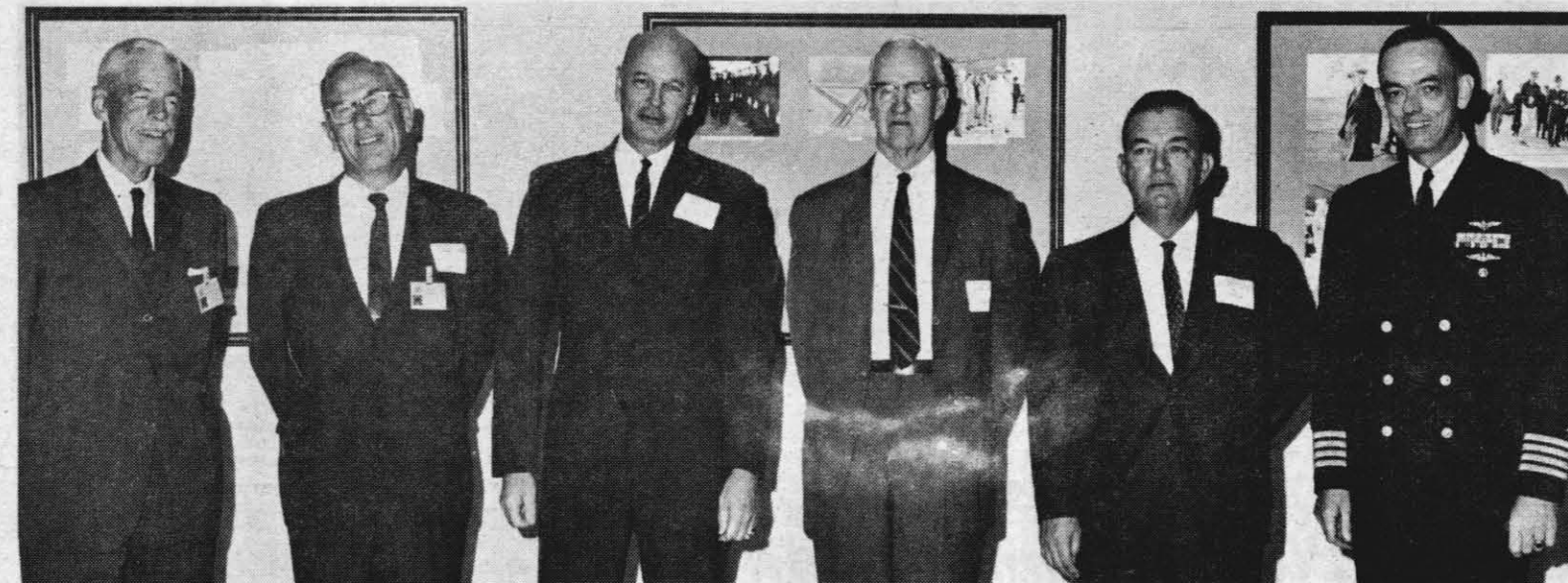
Marine Ball  
At Comm. Center

(Continued from Page 8)

Etheridge, Center Commander in which he noted the Corps' fine tradition and the Marines' contributions to the Center's efforts, preceded the cake cutting.

Then followed the traditional cake cutting ceremony by Col. Rice who served the first piece to Capt. Etheridge. After which the several hundred guests resumed dancing to the music of the ComAirPac Band.

A capacity crowd of 390 pre-1946 military and civilians filled the Community Center for the Early Timers' Dinner



POSE AT EARLY TIMERS' DINNER at Community Center—RAdm. S. E. Burroughs, Jr., (Ret.); Capt. R. F. (Mike) Sellers

(Ret.); VAdm. F. L. Ashworth (Ret.); VAdm. G. Hussey (Ret.); Capt. Grady Lowe, and Capt. M. R. Etheridge.



VADM. J. T. (CHICK) HAYWARD (Ret.) captured audience with his witty and pithy remarks at the 25th Anniversary Dinner at the Commissioned Officers' Mess on Saturday, November 9. He traced the role of the rebel in Navy progress.



FORMER ROCKETEER EDITOR—Erma Peirson, editor of the Rocketeer from 1945 to 1950, was among the early timers returning for the Center's 25th Anniversary. During her editorship she wrote over 250 "Desert Scrapbook" articles for the Rocketeer. She later used much of the material in her book, "Kern's Desert." She now lives in Hesperia and is currently at work on a book about the Mojave River.



EARLY TIMER RECEPTION AT COMMUNITY CENTER



RADM. BURROUGHS, 1st COMNWC



VADM. ASHWORTH, 8th COMNWC

on Friday, November 8.

The reception and dinner culminated the first day of the NWC Anniversary celebration, which was Early Timers' Day — a salute to the military, CalTech, and civilian personnel involved in the initial operations of the Center.

Highlights of the after-dinner program were impromptu reminiscences in response to selected questions from the audience. Among the on-the-spot speakers were Vice Admiral George F. Hussey, Vice Admiral John T. Hayward, Rear Admiral S. E. Burroughs, and Dr. L. T. E. Thompson. The questions ranged from serious to humorous recollections of the past. One of the latter was a request for Harry McPherson, early military and former head of the Aircraft Range

Division, to tell the tale of the raven who was mistakenly tracked as an aircraft during early range operations.

The end of the impromptu speech session came with a suggestion or a contest between Vice Admiral F. L. Ashworth, USN (Ret.), and Captain M. R. Etheridge to see who could give the best boatswain's call. After Admiral Ashworth's performance, Captain Etheridge (who is noted for his skill with the boatswain's pipe) conceded victory to the earlier Center Commander.

K. H. Robinson, Technical Information Department Head and chairman of the 25th Anniversary committee, was master of ceremonies. Following the invocation by Chaplain Harold A. MacNeill, Captain Etheridge gave the welcoming

address. Dr. N. E. Ward, Aviation Ordnance Department Head, announced awards to current employees with continuous service dating from the early years. A slide show of scenes and personalities from the quonset-hut-and-sand days at Harvey Field and China Lake entertained the guests.

The program concluded with a recorded message from Dr. Charles C. Lauritsen, head of the wartime CalTech rocket program who died last April. Dr. Lauritsen's voice, taped in a 1964 address at the dedication of the Weapons Exhibit Center, told the audience "Life has never been as exciting, or as interesting, or as promising as it is now. Your opportunity is greater than anybody has ever had in the past."



## THE LOCKER ROOM

## Sports Notes

BY ED RANCK



Whether they win or lose in the finals at San Diego, the VX-5 Vampires have made a fine showing in the 1968 11th Naval District Flag Football Tournament. It probably came as a surprise to many when the team finished on top at Long Beach. This is not to say that the Vampires didn't figure to be in the same class as the competition, but most of the other clubs at Long Beach had been able to play several games prior to the tournament.

According to the latest reports from San Diego, VX-5 lost their opening game to VC-3 and were to be playing in the loser's bracket on Wednesday afternoon. If they win that one, they will be playing again in the evening.

The Vampires allowed only two touchdowns in the three games at Long Beach, and this is quite a tribute to their fine defense. The defensive unit has one of the best lines that we have seen here in the last three years and the benefit of playing together for two years has certainly helped.

While the Vampires were competing in the District tournament, the race for second place in the China Lake League continued. Three teams, NAF, the Outlaws and the Crabs still had a shot at the number two spot. VX-5 will be back home next week and is scheduled to play three makeup games at Schoeffel Field. However they only need one more victory to clinch the local championship, therefore there is a possibility that some of the games will be cancelled.

After that it is on to Barstow, where the Vampires will be entered in the MDISL Tournament on December 6. After their impressive showing in the 11ND, they should enter this tournament as one of the favorites.

## BASKETBALL NEXT

With the football season coming to a close, basketball is scheduled to begin next week. Although there has been very little time for pre-season practice, Athletic Director Bill Milligan hopes to get the schedule underway next week. The deadline for entries is today at 4:30 p.m., but it is likely that some late entries will be accepted.

The Falcons have won the basketball title three years in a row, with their stiffest competition being provided by the NAF Hawks. VX-5, with Gary Ellwanger, Terry Atkinson and Ron Lyons returning, may be the team to beat this year.

## BOWLERS ARE HOT

Floyd Maxwell was selected as China Lake's Athlete of the Month for October after he rolled a 268 single and 672 series on successive weeks. The 672 series, also shared by Ken Dalpiaz, didn't remain at the top of the list very long. In the past week Don Tucker hit 685 and Jim Ball rolled a 696. Patty Maxwell, Floyd's bride, rolled a 610 recently to set the high mark for the ladies. It shouldn't be too long before someone tops the 700 mark.

The new lanes have made quite a difference to most of the bowlers. The consensus of opinion is that the new alleys are worth 10 pins per game.

The 1968 MDISL Bowling Tournament is scheduled for China Lake as is the Basketball Tournament. Fred Dalpiaz, manager of the China Lake Bowl finally got his pro shop opened and business has been brisk. The shop features all of the top lines in bowling equipment plus a ball drilling concession.

## NWC Bird Season Gets Increased Play

Opening weekend of 1968 upland game season on the Naval Weapons Center China Lake range turned out to be a record - smasher. More chukar were bagged during the local two-day opener than during all three weekends of the 1967 season. Ideal weather greeted 2,376 hunters on NWC ranges for the November 2 and 3 opening weekend. Take per hunter averaged 1.3 birds, all species.

The chukar count was 2,285 birds compared with last season's three weekend total of 2,067. Opening day hunter success shooting the wily red-legged partridge about doubled from last year's average of less than half a chukar per hunter to almost one per hunter this year.

Count on quail was down a little from the 1967 opener. This year 583 mountain quail were tallied on opening weekend against 548 last year at this time. Valley quail dropped from a 354 first weekend bag in 1967 to 264 this year. Cottontails shot were 262, about double last year's count.

Of 984 cars checked on the range by Security Department, 636 vehicles carrying about 1,600 hunters entered by way of the Darwin Gate indicating that many hunters were visitors to the Center.

## Boy Scouts Help

Boy Scouts of Troop 41, China Lake, spent the last weekend of October cleaning up camp sites and improving water sources on the North Range in preparation for the arrival of hundreds of hunters during the November game - bird season.

Truck-loads of cans, bottles and unburnable trash were removed from camping areas at Junction Ranch and Burcham Springs and the picnic area at Little Petroglyph Canyon.

Work parties of Scouts and adult leaders also helped restore brush cover around quail guzzlers near Junction Ranch.

(Continued on Page 12)

## Athlete of the Month



FLOYD MAXWELL

Floyd Maxwell, who has been one of the hottest items in local bowling circles this fall, has been named China Lake's Athlete of the Month for October. Maxwell won the award by virtue of two sizzling performances at the China Lake Bowl recently in which he rolled a 268 single game and a 672 series on successive weeks.

The 268 was the third highest game to be rolled at the new lanes this year, while the 672 stands as the Bowl's highest series to date.

Competing in the Friday Mixed Foursome, Maxwell's total pin fall of 1320 for the two week period resulted in a six game average of 220. During the hot streak Maxwell also had single games of 258 and 236. Only a relatively poor 178 game kept him from becoming the first man to enter the magic 700 circle this year.

Maxwell, a long time resident of China Lake has been bowling for 25 years. Normally a 175 to 180 average bowler, he is currently enjoying one of his best seasons in the Foursome carrying a 188 average through the first two months of league action.

He is one of the few successful bowlers who have mastered what is known among bowlers as the "backup" ball. A right-hander, Maxwell's ball breaks like a lefthander's hook. To accommodate this unorthodox style, Maxwell bowls from the left side of the approach and uses the left side spots for strikes and spare conversions.

Asked to comment on his unusual style, Maxwell said that, "I have always had trouble preventing the backup, so several years ago I decided to go all the way with it." He recalled that on more than one occasion the backup ball had been the center of attention.

"I once rolled a 209 average in the National Tournament and they told me later that I had received more TV coverage than anyone."

## Children's Book Week

Sunday marks the beginning of a week long — November 17-November 23 — celebration of National Children's Book Week. The slogan this year is "Go places with books."

The need for good books for Book Week, and the continual demand for the celebration itself led to the formation of Children's Book Council in 1945, since then the Council has served both as Book Week headquarters and as a year-round promotion and information center for children's books.

The great variety of well written, beautifully illustrated books has led our children to read more and enjoy it more.

The winner of the Newberry Medal this year is Mrs. E. L.

Konigsburg for her book "From the mixed-up files of Mrs. Basil and E. Frankweiler." The Newbery Medal is awarded annually to the author of the most distinguished American book for children published in the preceding year.

The winner of the Caldecott Medal for 1968 is Mr. Ed Emberley for his illustrations of the book "Dremmer Hoff" written by Barbara Emberley. The Caldecott Medal is awarded to the artist of the most distinguished American picture book published during the preceding year.

The above titles as well as the "Runners-up" for each award are available in the Center Library.

## Connolly Highlights Anniversary

(Continued from Page 1)

PAC, in the commands and assignments I've had the role and value of China Lake has been singular, powerful and essential. Dr. Froesch said it "The forge (and certainly the best) of U.S. air weapons." There must be a reason and this reason must be maintained. I will try humbly — first to say why it must be maintained, and then what the special genius of China Lake may be.

## List Grew and Grew

"As I set out to review who the principal founders of NOTS were and who the principal contributors to its early success were, I was prepared to expect a fairly large list — with salient personalities well known to all who know the story of China Lake. But nothing like I found. The list grew and grew. Name after name came out of the pages of events — all in just the forming years — short though they were.

"So many people working with such enthusiasm, pride and determination! I knew almost all of them — one way or another — from my days as experimental officer and time before and after in the Navy. Naval officers, of course, but many fine scientists, engineers and industry people as well.

"I can see many of them now clearly, as you can, driving at all hours of the day and night between Pasadena and the desert or flying 10-hour 'Red Eye Specials' from California to Washington and to many other places — thinking, conferring, resolving and reporting — highly intelligent, dedicated and determined men.

## Early Timers

"How many of these very early timers can you recall? Many, of course, but probably not all: Lauritsen, Burroughs, Hayward, Ellis, Watson, Anderson, Lacey, Sage, Fowler, Longwell, Elvey, Lindvall, Renard, Pownall, Holmes, Milikan, Hursey, Pollock, McCain, Moses, King, and Clark. They all played essential parts in the early China Lake story.

"I have mentioned only a very few to make the point that the greatness of China Lake has been the work of many, many people, who saw its need and understood its great promise. I will not attempt to state the names of the tremendous people who followed the 'Early Timers' and proceeded to fulfill the promise. To do so would use all the time I plan to use for what else I have to say.

## Story Is Important

"The story of China Lake is so important in itself that we should take time at the 25 year mark to acknowledge, to applaud, and more important — to reflect on its meaning and its future.

"We should examine and study the China Lake story to find what have been the real ingredients of its success. There are certain ingredients that, in my judgment, stand out above all others in importance, and I will, in a moment, make bold to offer them to you.

"The question arises: are the ingredients of past success enough to assure the future? I think not. As an organization

becomes an established success and heavily committed to programs, it acquires strength but it also takes on inertia which can be weakness of a serious sort.

"Successful nations, corporations and institutions all face this risk. They stand strong or slip downward in proportion to certain basic strengths to their elasticity and resilience, and to their ability to meet and handle new ideas, rising competition and problems and outright challenges and threats to their existence.

## History—Rise and Fall

"Man's history is one of rise and fall, days of glory and of disappearance. To conclude that the future will be the same may not be justified. I believe the pattern of rise and fall has been slowing. I think it is in man's interests that rise and fall not be his lot, and that wise and progressive evolution replace overthrow and destruction, to remove evil and to make progress.

"The question, it seems to me, may be more whether man himself can learn to control himself and to trust that patience and effort and evolutionary progress will attain better goals sooner than revolution, rebellion and violent upheaval when the conditions of his environment really do make provision for change, change which can be speeded when the need is urgent and the way is clear. I believe we have this environment in America.

## Exists in Few Countries

"I am not at all sure that it exists in more than a few other countries, and I doubt that any communist country has it, Russia least of all. Wherever it does not exist trouble is almost certain to come. In other words, in very many places in our world. When and where it does come the interplays of outside forces and interests will follow. Freedom of choice by oppressed people involved will almost always be at issue.

"U.S. sympathies and concerns will be aroused and challenged, but in most instances U.S. involvement will not take place. Then some special situation will develop which the American conscience will not ignore.

## Confrontation Will Occur

"Once again, a confrontation will occur, and the agony of compromise or commitment will have to be gone through. U.S. dedication to principle, to justice and to fair play will collide with other interests and will have to be weighed against the risk and costs of becoming involved — as in Korea and Vietnam. For many, Americans standing aside will be repugnant, shameful and unworthy. For others, involvement will be extremely difficult. The nation will be torn by circumstances not of its own doing or desire.

"When and where will this process be ended? What should be done by us? The man who clearly sees the answers to these questions has not yet risen. The best answer we have today, and it may be the only viable answer, is to stay strong and to keep our cool. China Lake's role here is clear and unquestionable.

## Ingredients of Success

"I come now to the part of my talk that attempts to say what the ingredients of the Naval Ordnance Test Station were that brought it to early and growing success.

"First, there were men and women who were dedicated professionals, highly intelligent, well-educated and competent. But this was not enough. It is a matter of great pride to me to have watched you for almost 20 years and to see how far you have come in your abilities to understand and function so well as a team with the uniformed services — with ever - changing faces and names with whom you work, with ages that tend to remain constant while yours do not.

"I have seen many of you putting professional fatherly arms about the shoulders of the young officers we send to you and that you encounter in the Fleet and the Operating Forces — explaining, understanding problems and needs, giving as much as you can of your knowledge and interest to solve their problems.

"Not only have you learned to work well with the Operating Forces, but you do just as well with the people on Constitution Avenue and in the Pentagon. And in the same sense you have learned to work well with industry.

## Motivation Needed

"These men and women need to be strongly motivated toward success at China Lake, which is to bring forth a small number of outstanding new concepts from among a very great many ideas considered and rejected, that can become or contribute to outstanding new weapon systems necessary to the defense of this nation. To have done this better than other organizations, as you have, has required all this and



THE GOOD THINGS HAPPEN AT CHINA LAKE — Three weeks after his recent arrival, Maj. Bennie W. Summers was promoted to Lt. Col., U.S. Marine Corps, at ceremonies in Capt. M. R. Etheridge's office. Mrs. Summers and Col. K. P. Rice, Marine Corps Liaison Officer, pinned on the new collar insignia. Summers is Air Weapons Systems Officer in the Marine Corps Liaison Office at the Center. He was an A4 pilot in VMA 211 located in Chu Lai, RVN from July 1967 to August 1968. He, his wife Barbara, Gary, 11; Debra, 9; Scott, 6; and David, 4, live at 309 Blue Ridge Road on the Center.

much more.

"I repeat the people of China Lake have learned well — perhaps not without pain at times — to work effectively with other organizations and other professionals, to transmit, to assimilate and to understand procedures and motivations of other disciplines, other kinds of capabilities — to me, this has been a key-stone in your success. And it was not always so.

## Civilian-Military Concept

"Next, I think that the liberal - authoritarian civilian-military organization that has evolved here has been fundamental to your success and is essential to your future. Perhaps as much as any other factor it is responsible for your greatest achievements. You have done better by far at this

than your counterparts have done in the Pentagon.

"At China Lake there is liberalness and scope where liberalness and scope do so much good for essential growth and infusion of knowledge, the expansion, freshening, and revitalization of spirit and purpose. The authoritarian aspect — played in low key — is an aid to responsible performance, to reliable commitment, and response.

## CNO Sends Greetings

"What I am trying to say to you, today, is shared in large degree by the Chief of Naval Operations, Admiral Thomas Moorer, who served as experimental officer from 1950-1952 at China Lake. Tom and Carrie Moorer send warm affection and hearty congratulations to you today.

(Continued on Page 9)

## Former VX-5 Commander Visits NWC Corona



VISITS CORONA LABORATORIES — Capt. Donald Loranger, Standard Arm project officer from Naval Air Systems Command, Washington, recently visited the Naval Weapons Center Corona Laboratories. John A. Hart (l), program manager of Missile

Systems Department, and Cdr. R. E. Forbis (r), Commanding Officer, NWC, Corona, show Capt. Loranger new guidance hardware being developed. Capt. Loranger was a recent Commanding Officer of VX-5 at China Lake.



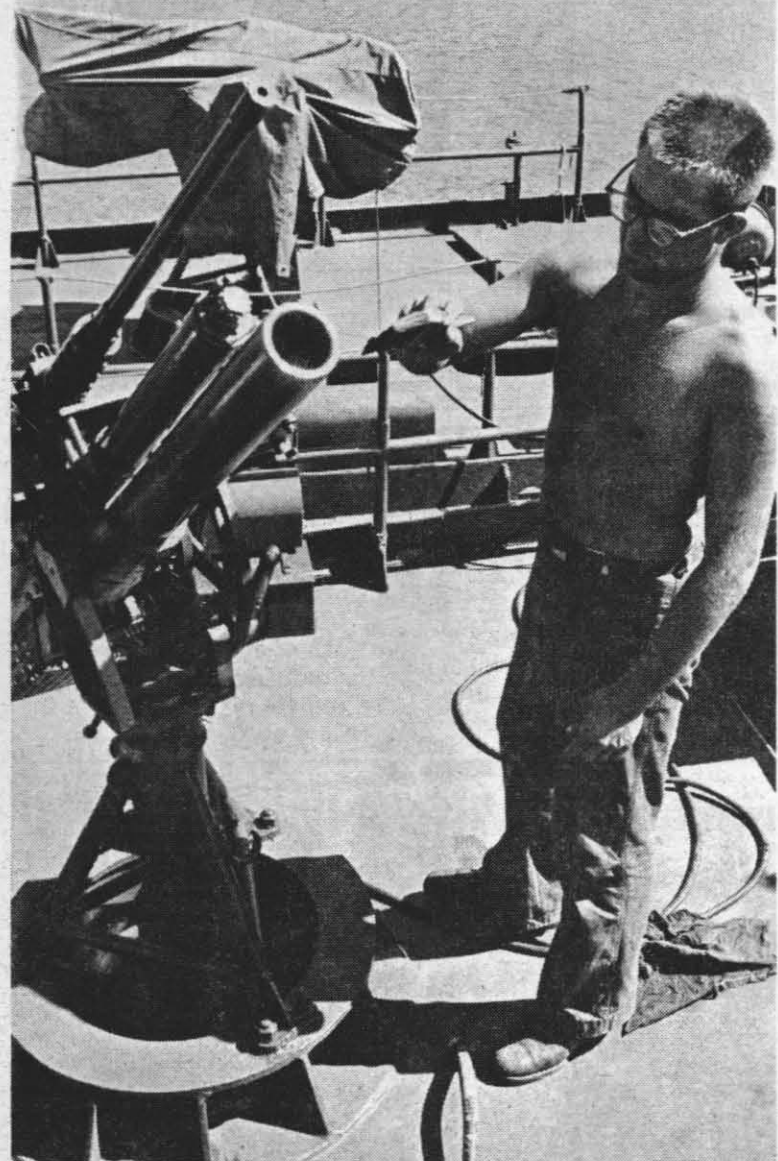
FLAG CHAMPS ROMP — VX-5 halfback John Shivers sprints up the middle for a sizeable gain in action against the Santa Ana Marines last Friday. The Vampires edged Santa Ana, 8-6, to gain a berth in the final round of the 11ND tournament.



## Miss Kern Naval Reserve



MISS NAVAL RESERVE OF KERN COUNTY—Elaine Ball, 17, was chosen Miss Naval Reserve at Navy Day Open House at the Naval and Marine Corps Reserve Training Center, Bakersfield, by the Bakersfield Council of the Navy League. Cdr. W. C. "Mac" McGreevy (l), Commanding Officer of the Training Center and GMCM Jack Duncan, senior TEMAC recruiter for Kern County, show their approval of the selection.



GUNNER'S MATE SEAMAN KENNETH W. McMULLEN, son of Mr. and Mrs. Samuel R. McMullen (he was recent Security Officer at NWC, China Lake), of Ridgecrest, California, applies a coat of protective paint to the "over and under" .50-caliber machine gun and 81mm mortar gun mount located aft on a U.S. Navy Swift boat out of Cam Ranh Bay, 165 miles northeast of Saigon.

## Rummage Sale

Saturday, November 16, the Road Runners Auxiliary will hold a unique rummage sale at the Soul Society Building, 730 Balsam Street, Ridgecrest, beginning at 9 a.m.

The rummage sale will include children's clothing from infant age to teenage, strollers, assorted toys, and miscellaneous items.

Proceeds of the sale will help the work of the Children's Home Society. Inquiries regarding volunteering assistance or about the agency's functions may be answered by calling Ext. 723133 or 76123.



LT. JAMES W. ALLEN, recently arrived at the Center, has been assigned as military advisor in the Systems Development Department. He is a native of Centerville, Iowa and was commissioned ensign upon entering the Naval service in June, 1960. Allen is a graduate of the U.S. Naval Academy and has also attended the U.S. Submarine School at New London, Conn., and was Fleet Ballistic Missile Weapons Officer, at the U.S. Naval Guided Missile School, Damneck, Virginia. Previously he was Weapons Officer on USS Simon Bolivar (SSBN 641) from November 1966 to July 1968, and was Assistant Weapons Officer on the Bolivar from March 1965 to November 1966. Allen, his wife Ann, Jeffrey age 6; Sarah Ann age 2; and Deborah age 9 months are making their home at 34-A Sykes Circle.

## Corona Hosts Four Nation Missile Seminar

A four-nation meeting on Air-to-Surface Missile Guidance and Control was held recently at the Naval Weapons Center Corona Laboratories.

Participants in the Technical Cooperation Program series of meetings were from Great Britain, Canada, Australia, and the United States.

Attending the meetings from the United States were members of the Army, Navy, and Air Force, and scientists from laboratories engaged in research on the problems under discussion.

The work of the Program is carried out by sub-groups which review the work of the four nations in the area of the group. The sub-groups usually operate by forming working panels in manageable subdivisions of its area.

Thirty-five persons were in attendance. Mrs. E. C. Beggs from the Naval Air Systems Command, Washington, D.C. was in charge of the meetings. The senior representative from Great Britain was Michael G. B. Weedon; the representative from Australia was W. R. Watson; and Canada's senior representative was Albert La Flamme. Fred C. Alpers, Head, Advanced Systems Group at the Naval Weapons Center, a member of the panel, represented the host activity. A. San Miguel of the same Code, handled the local arrangements.

## Command Congratulates Committees

(Continued from Page 1)

chison; John Seguire; Lt. Andrea Coltrin; LCdr. Arthur Molloy; Lt. James Andrews; LCdr. William Buc; Lt. James Maslowski; and a large amount of able support from various parts of the Center in setting up and manning the exhibits and aircraft displays.

Dinners — A. S. Gould, Co-Chairman, November 8; Arthur Breslow, Co-Chairman, November 9; Harold Washmuth; John Cox; Norman Rump; Laura Patton; Maxine Booty; Margaret Mack; Nancy Seeley; Doris Valitchka; Faylene Thelen; Shari LaPierre; Jean Robcke; Donetta Hattabaugh; Ida Davis; Anniversaries Ball — Duane Mack, Co-Chairman; Rose Gonzales, Co-Chairman; Frank Wentink; J. J. Deffes; Eleanor Johnson; Jeanette Hoagland; Eva Bien; Joanne Donohue; Guest Reception, Housing & Facilities Tour — R. W. Rusciorelli, Chairman; Beverly Weisbrich; Jack Musler; Denny Kline; Loretta King;

The following served as tour guides: James DeSanto; John Dipol; Laura Patton; Quentin Dalton; Maurice Curtis; Hal Ritchey; George Silberberg; Russell Skeeters; Bud Sewell; Gilbert Plain; Harold Metcalf; John Cox; Thomas Chapman; Lt. Andrea Coltrin; Lt. James Kincheloe; Lt. Jg John Lockard; Reception Center and Michelson Laboratory hostesses included: Lois Allan; Mary Miller; Jean Moore; Anna Lee Roehrs; Pat Bryfonski; Terry Hill; Tina Knemeyer; Donnie Goettig; Doris Sorge; Credentials & Invitations — K. S. Skaar, Chairman; Lois Allan, Reservation Chairman; A. B. Christman; Deleta Munn; Alice Parker; Awards & Special Recognition — N. E. Ward, Chairman; Harold Metcalf; Norman Rump; Harley Tillitt;

25th Anniversary Medal — C. E. Weinland, Chairman; Local Area Liaison — Jim Wheeler, Chairman; Finance Committee — Francis Carlisle, Chairman; John Kleine; Mix & Meet — Marie Kochman, Co-Chairman; Hazel Coleman, Co-Chairman; Tony Baby; James Downard; Loyal Mayer; Danny Jones; Mary Louise Kummings; Joan Deffes; Theresa Wiruth; Mary Getusky; Beverly Johnson;

Publicity — J. T. Bibby, Chairman; Joan Raber;

Anniversary Rocketeer — William Valentine; Fred Richards; Budd Gott; Lucille Edwards;

Releases for Independent — Jean Christman;

Photography — Ray M. Peters; Gary Bird; Delmar Hart; Michael Krause; Maurice Dias; Bill Fettkether;

Program Support — Byron Butler, Chairman; Earle Kirkbride (Anniversary Film Script); Everett Baker (Anniversary Film Production); Rod McClung; Edna Jenkins; Roland Burks; Paul Seaton; Dick Johnson and others

of the Animation & Illustration Branch;

C. E. Van Hagan; Florence Dinsmore (Anniversary Brochure); Frank Haymaker (Naval Institute Article); Chet Creider and others of Editorial Branch; Lynn Nowels and others of Graphic Arts Branch; All members of the Printing and Reproduction Branch;

In addition to those serving through committee representatives the success of the anniversary called for services beyond the ordinary on the part of the Public Works Department, Security, Photographic Laboratory Branch, the Community Center Staff, and the Commissioned Officers' Mess. Special assistance and consideration was given by the models of Ridgecrest under the coordination of Virgil Nowels. The special reception center set up at the entrance to the Center was provided by Ballard Trailer Sales. A special anniversary issue was published by the Valley Independent.

Sponsorship of production and sales of the anniversary medals was jointly undertaken by the local chapter of the Navy League and by the Maturango Museum. The Maturango Museum also sponsored a visit by area pioneers to the Friday afternoon Mix and Meet at the Museum and Visitor Center.

A list of those people who were invited to the celebration that actually attended is printed below:

Mr. and Mrs. Albert Merrill; Mr. and Mrs. Robert C. Anderson; Dr. and Mrs. Warren N. Arquist; Dr. and Mrs. C. C. Baum; Mr. and Mrs. Milton D. Blatt; Marie Broshous; Mr. and Mrs. Clayton Brown; Dr. and Mrs. Fred Brown; Dr. and Mrs. J. L. Buijs; Adam and Mrs. S. E. Burroughs; Donald S. Chay; Capt. A. F. Clapp; Mr. and Mrs. Maurice Clifton; Dr. and Mrs. N. W. Cohen; Mr. and Mrs. Wade Cone; Mrs. Polly Connable; Y. Adm. Thomas G. Connor, USN (Ret.); Mr. and Mrs. Lee Crain; Mr. and Mrs. Burnham O. Davis; Mr. and Mrs. Gordon Draper; Mr. and Mrs. Arthur C. Ellings; Dr. and Mrs. Emory L. Ellis; Mr. and Mrs. Jack S. Ewing; Mr. and Mrs. M. B. Gentry; Cdr. and Mrs. W. A. Garth; Mr. and Mrs. Rene Goshalk; Mr. and Mrs. Frank H. Habicht; Capt. John I. Hardy, USN (Ret.); Mr. and Mrs. Lamar Hart; Capt. and Mrs. C. E. Hagan, USN (Ret.); Y. Adm. and Mrs. T. Hayward, USN (Ret.); Mr. and Mrs. Adolph Hesseman; Dr. and Mrs. Geo. Henry; Mr. and Mrs. R. B. King; Capt. and Mrs. Donald Kirkpatrick; Mr. and Mrs. R. G. Klammer; Mr. and Mrs. P. J. Koepfer; Dr. and Mrs. Gerald E. Kron; Mr. and Mrs. W. V. Lager; Mrs. Chas. C. Lauritsen; Dr. and Mrs. Paul A. Longwell; Mr. and Mrs. D. D. Lurvey;

Dr. and Mrs. William B. McLean; Mr. and Mrs. Harry McPherson; Mr. and Mrs. Harry McPherson; Mr. and Mrs. G. R. Makepeace; Mr. and Mrs. C. N. Mathier; Mr. and Mrs. N. U. Mayall; Mr. and Mrs. Robert Merriam; Mr. and Mrs. Gerald Mosteller; Dr. and Mrs. Earl Murray; Sgt. and Mrs. V. Mutchler; Capt. and Mrs. Jack J. O'Brien, USN (Ret.); Mr. and Mrs. Rex Parmenter; Mr. and Mrs. H. H. Patton; Mrs. Erma Plesner; Mr. and Mrs. A. O. Plynder; Dr. and Mrs. A. L. Pittinger; Dr. and Mrs. William Plum;

Capt. and Mrs. Tom F. Pollock, USN (Ret.); Mr. and Mrs. A. W. Reichel; Mr. and Mrs. Leroy Riggs; Mr. and Mrs. William Saylor; Capt. Robert Sellers, USN (Ret.); Bernard Smith; Kent Steacy; Fred Stolte; Mr. and Mrs. Colin Taylor; J. E. Thomas; Dr. L. T. E. Thompson; Mr. and Mrs. Guy Throner; Dr. and Mrs. John Titus; Mr. and Mrs. E. E. Tuttle; Mrs. Anne Vieweg; RAdm. and Mrs. Curtis F. Vossler, USN (Ret.); Mr. and Mrs. Joe Webb; Dr. and Mrs. H. A. Wilcox; Mr. and Mrs. C. A. Wirtanen; Mr. and Mrs. C. A. Zimmerman;

Y. Adm. and Mrs. F. L. Ashworth, USN (Ret.); Capt. A. G. Beckman, USN (Ret.); Capt. and Mrs. Charles Blennan, USN (Ret.); Mr. and Mrs. Frank M. Brady; Marie Bussolini; Capt. Chasse; Mr. and Mrs. Carl Hering; Mr. and Mrs. Vance Holly; Y. Adm. G. F. Hussey, USN (Ret.); Dr. and Mrs. John Irvin; Lela Kirby; Mr. and Mrs. Harry LaGoube; Capt. and Mrs. Grady Lowe, USN; Mr. and Mrs. Guy Porter; James Robinson; Dr. and Mrs. Conway Crescenzo; Mr. and Mrs. Richard Smith; Mr. and Mrs. Ray P. Sullivan; Mr. and Mrs. Ray Sullivan; Mr. and Mrs. Geo. Sutherland; Mr. Eugene A. Valencia;

Mr. and Mrs. A. K. Winslow; Mr. A. C. Wright; Mr. Rodney Young; Mr. and Mrs. Wm. Hampton; Mr. and Mrs. Vern Hurley; Dr. and Mrs. Henry Swift;

## Two Thompson Awards



The L. T. E. Thompson Award, the highest award given by the Naval Weapons Center for an outstanding contribution to the advancement of ordnance with respect to the mission at NWC, was presented November 8 to two of China Lake's most outstanding citizens.

Mr. Charles P. Smith, Head, Infrared Systems Division, Weapons Development Department, and Mr. Kenneth H. Robinson, Head, Technical Information Department, received the award from its namesake, Dr. L. T. E. Thompson, first technical director of the Center.

Presentation of the award certificates and bronze medallions followed an address by Vice Admiral Thomas F. Connolly, Deputy Chief of Naval Operations (Air), which highlighted the beginning of the 25th Anniversary celebration that was held over last weekend.

### Smith Hired as GS-5

Mr. Smith has been an employee of NWC since his graduation from Pasadena College in 1950. He was hired as a GS-5 physicist and received an Outstanding Performance rating for his first year of work. From that time to the present, Mr. Smith has performed at a consistently high level.

As a GS-7 he was put in charge of the development of an electronic computer for a missile guidance system, and as a GS-9 he was given responsibility for preparing complete guidance and control units for the highly successful Sidewinder guided missile.

Mr. Smith's career-long association with the Sidewinder project has been a major fac-

tor in the selection of this missile by both Navy and Air Force as their chief air-to-air system.

Mr. Smith assumed leadership of the Missile Branch of the Aviation Ordnance Department in 1956 and of the Infrared Systems Division of the Weapons Development Department in 1961.

He is a nationally recognized expert in the field of infrared technology and is called upon as a consultant by colleagues throughout the free world.

Chuck Smith and his wife Theora live at 300 Blue Ridge with their daughter and two sons.

### NWC and Robinson Started Together

Ken Robinson has been associated with NWC since its beginning. He was employed by Cal Tech, the parent organization of NWC, in July 1943, four months before NWC was founded!

He did research and procurement work for much of what is now NWC, including Salt Wells Pilot Plant. He came to China Lake in 1945 as Head, Test and Service Division, Explosives Department and became Associate Head, Explosives Department in 1951.

He helped supervise the super-secret development work on the fission (atomic) bomb which was completed here in 1954.

In June, 1954, the Technical Information Department was established with Mr. Robinson as its head.

Since that time he has helped to build and maintain a technical library which is among the best available anywhere. He has helped establish the capability to produce outstanding technical publications, including films, which have world-wide distribution.

He is responsible for the establishment of the Maturango Museum and has served for many years on the West Coast Laboratories Facilities Committee.

Mr. Robinson and his wife, Elizabeth, live at 214 Mesquite, Ridgecrest.



MILITARY OFFICERS' WIVES LUNCHEON was hosted by wives of the Technical Officers. Guest speaker Larry Zabel, motion picture production specialist in the Propulsion Development Department, who spent a month in Viet Nam as a combat artist, discusses the combat art display with Betty Petersen, Marilyn Peterson and Pris Walsh. Zabel spoke on the importance of recording the Viet Nam conflict in art for future generations. Color copies of his paintings that have been donated to the Combat Art Program for permanent exhibition in Washington, D.C., were on display. Color lithographs of Combat Art Series I that are for sale through the Government Printing Office were loaned by the Naval Air Facility for display at the luncheon.



RIDGECREST COMMUNITY HOSPITAL DEDICATED — Formal dedication ceremonies were held Nov. 7 for the new 52-bed Ridgecrest Community Hospital. The facility, opened earlier this year at a cost of \$1,250,000 is the outgrowth of a smaller clinic opened in 1943. Shown standing be-

fore the plaque that was set to commemorate the occasion is (l-r) Ed Harris, Hospital Administrator; Capt. M. R. Etheridge, NWC Commander; Dr. Thomas A. Drummond, founder of the Hospital; and Kent Stacey, 28th District Assemblyman, from Bakersfield.

## Deputy CNO Addresses Celebration

(Continued from Page 3)

### Dedicated People Essential

"Finally, I think it is essential that China Lake be populated with patriotic, vigorous men and women who possess a deep-seated respect for our Nation's fundamental principles and institutions and a fierce devotion to the great measures of justice, equality and opportunity that derive therefrom.

"Despite our hopes and desires we have not by any means reached the time and circumstances when the world or ourselves will be better off if the U.S. gives up being strong and self-reliant in its earnest wish for peace and a world in which men live and let live.

"All this leads to my final point: the men and women of China Lake who came here first, came with a purpose, a purpose for which they were willing to work and work hard. This they did with imagination and determination. Those who are here today and who are brought here in the days ahead must believe in what they're doing, or they cannot be successful or contribute.

### Purpose Today

"The purpose today, and until the world situation can be changed to something truly better and safer than it is, is to provide the best possible weapons and devices for our Armed Forces. We must remain a formidable opponent to be challenged. Actually, the need for superior weapon systems is greater today than it has been since World War II.

"Soviet military competence stemming from heavy technological emphasis is great and growing. The Soviet Navy continues to grow in size, scope of operations, and aggressiveness. Soviet airpower is impressive as are the ancillary capabilities: weapons, electronic devices, vehicles. The United States Navy and the Nation look to the men and women of China Lake for continu-

ing superior effort. Twenty-five years of value to our country has given national stature and responsibility to China Lake that you cannot, and I am sure will not, leave untended.

### Problems Similar

"There is a remarkable similarity between our Government and its problems and the Naval Weapons Center at China Lake. Both have highly competent professionals, both demand thoughtful study and analysis before acting, both use and expect fierce criticism as well as consultation. Both must work with patient intelligent understanding of views that are often hard to be patient with. Both need and demand large sums of money.

"Both, on occasion, have been known to have taken a fast and expensive trip down a slightly wrong road, both have occasionally abandoned lofty rationales for downright "gut feelings" that the thing could be made to work and did, but both have been motivated by a stubborn pride in excellence and achievement. Both, like Eliza Doolittle's father, have enjoyed a little bit of luck.

### Has Had Stern Parent

"Like the Navy itself, China Lake has lived for 25 years with and under a sometimes stern — sometimes disinterested — sometimes not very comprehending, often changeable, and very often a most demanding parent. One who most of the time has been fairly generous and indulgent, especially when the chips were down.

"Moreover, this Navy parent of China Lake has frequently been heard to brag long and loud — out of earshot, of course, about the super-achievements of his talented and difficult prodigy at China Lake.

"Be that as it may, the relationship has grown stronger and deeper with the passing years. Today, the bonds of af-

fection are many and strong. I hasten to add that this may not be all to the good. We might lose something of value if China Lake lost any of its self-stimulating perverseness and its well-developed penchant for lowering the boom on the uniform Navy from time to time.

"I hope that you, too, will agree that we have come a long way together in the past 25 years and that we have a most important future to fulfill for the U.S. and for the best interests of mankind.

"Besides those of Admiral Moorer and Dr. Froesch and my own, the Secretary of the Navy has asked me to extend his warm personal congratulations and best wishes together with those of the entire Navy on this memorable 25th anniversary of China Lake — 25 years of tremendous value to the Nation.

## Cubs National Director Here

O. W. Bud Bennett, the National Director of Cub Scouting for the Boy Scouts of America will visit Ridgecrest and the Naval Weapons Center on Monday, November 18, according to Richard Wadman, Youth Director.

All interested persons in the desert area are invited to meet Mr. Bennett, at the Community Center at 1 p.m. or at 7:30 p.m. in the Panamint Room.

Mr. Bennett is the most well versed and excellent instructor in the adaptation of the Cub Scouting program in America. He is especially interested in meeting with Den Mothers at the afternoon session at the Community Center, and with Webelos Den Leaders and Pack Administrators in the evening.

A No Host Dinner will be held at Two Sisters Italian Villa in Inyokern at 6 p.m.



# Cake - cuttings Climax Balls



**OFFICERS' CLUB CELEBRATION**—Capt. Robert Williamson, II, cuts anniversary cake at COM as (l-r) Cdr. Guffy, Capt. Fritz, and "Hack" Wilson look on.



**MERRIMENT ABOUNDED AT MARINE BALL**



## "Early Timers"

(Continued from Page 7)

busy. They included a tour of Michelson Laboratory exhibits; a tour of the Naval Air Facility where they viewed the latest in jet aircraft and their arsenal of weapons and watched a balloon ascent; and witnessed a fire fighting demonstration opposite the Maturango Museum.

In the evening the "early timers" attended a 25th Anniversary dinner at the Officers' Club featuring talks by RADM. S. E. Burroughs, Jr., USN (Ret.), and VADM. John Hayward, USN (Ret.).

### Anniversary Balls Climax

A bevy of Anniversary Balls at the Community Center, the Commissioned Officers' Mess, the Chief Petty Officers' Club, and the Chaparral Club climaxed the two-day celebration for the visiting and local "early timers."

## Marine Ball Celebration

A gala combined NWC Anniversary and Marine Ball at the Community Center last Saturday evening climaxed the 25th Anniversary celebration for visiting and local "early timers."

A precedent was set this year with the participation of Navy personnel in the Marine's traditional posting of the colors and cake cutting ceremonies, marking the 193rd anniversary of the Marine Corps and the 25th anniversary of the Center.

The reading of congratulatory messages from Gen. Leonard F. Chapman, Commandant of the Marine Corps, and Adm. T. H. Moorer, Chief of Naval Operations, by Col. K. P. Rice, Marine Liaison Officer, and a short address by Capt. M. R.

(Continued on Page 11)



**MARINE BIRTHDAY**—Col. H. P. Rice cuts cake at combined NWC 25th Anniversary-Marine Ball at Community Center.



**CHAPARRAL CLUB** — Capt. M. R. Etheridge (l), cuts the anniversary cake at cere-

monies at the Chaparral Club. Looking on are (l-r) LCDr. Perkins, Mr. and Mrs. Kress.



**FELLOWSHIP AND ANIMATED CONVERSATION SET TONE OF EARLY TIMERS BANQUET.**



**THE BAND PLAYED AND PLAYED AND PLAYED AT THE CPO CLUB.**

# Over 180 'Early Timers' Return For Center's 25th Anniversary Celebration

## Tours, Dinner, Ball Highlight Event

The two-day celebration, last Friday and Saturday, of the 25th Anniversary of the Naval Weapons Center was highlighted by the return of over 180 "early timers," both military and civilian dating from late 1943 through the end of 1945, who laid the groundwork for today's largest research and development center of the Navy.

Among the distinguished "early timers" who attended the 25th Anniversary were RADM. Sherman E. Burroughs, Jr., USN (Ret.), the Center's first commander; Dr. L. T. E. Thompson, the Center's first technical director; VADM. John T. (Chick) Hayward, USN (Ret.), the Center's first experimental officer, and VADM. George Hussey, USN (Ret.),

World War II Chief of the Bureau of Ordnance.

### Harvey Field Pioneers

Included in the early Harvey Field pioneers present were Capt. Thomas Pollock, USN (Ret.), commanding officer of the first Aviation Support Unit at Harvey Field; and RADM. Curtis F. Vossler, USN (Ret.), first officer-in-charge of Harvey Field.

### Early CalTech Scientists

Among the early CalTech scientists present were Dr. Emory L. Ellis, who was in charge of the first test at the Center and was later head of the Rocket Department; Dr. Paul A. Longwell, who played a key role in the Salt Wells program during World War II and was head of the Explosives Department, 1951-1954; and William



**VADM. CONNOLLY ARRIVES** — RADM. John B. Pearson, (Ret.), VADM. Thomas F. Connolly, Deputy CNO (Air), VADM. George Hussey, (Ret.), and Capt. M. R. Etheridge, converse after the admiral's arrival at NAF.

Saylor, who after the war's end headed the Underwater (Mike) Sellars, USN (Ret.), Ju-Ordnance Department and was by 1955 - Aug. 1955; VADM. the Center's associate technical director about 1948-1949. (Ret.), Aug. 1955-Sept. 1957; Also in attendance was Mrs. Sigrid Lauritsen, M.D., wife of the late Dr. Charles C. Lauritsen, CalTech scientist and one of the founders of NWC, who died on April 13 of this year.

**Six Former Commanders** In addition to RADM. Burroughs, five other former Center Commanders returned for the 25th Anniversary celebration. Also in attendance was Mrs. Anne Vieweg, wife of the late RADM. Walter V. R. Vieweg, USN (Ret.), who was Center (Continued on Page 6)



**FOUR TECHNICAL DIRECTORS**—The men who have played an important role in the Center's 25 years of achievement (l-r) are

Dr. L. T. E. Thompson, 1st; Dr. Fred W. Brown, 2nd; Dr. Wm. B. McLean, 3rd; and Dr. T. S. Amlie, 4th.



**EARLY TIMERS GIVE FULL ATTENTION TO PHOTOGRAPHER**



**BUS TOURS PROVED INFORMATIVE FOR EARLY TIMERS**



**MICH LAB EXHIBIT**—Dr. Jean M. Bennett greets VADM. George Hussey, USN (Ret.) and D. T. McAllister at exhibit.



**EARLY TIMERS' DINNER AT COMMUNITY CENTER**



# Silver Anniversary Celebration Features Open House

(Continued from Page 5)

Commander from Sept. 1949 to Oct. 1952. RAdm. Vieweg died March 20, 1960.

## Three Former Directors

In addition to Dr. L. T. E. Thompson, the Center's first technical director, other former technical directors in attendance were Dr. Fred W. Brown who served from October 1951 until March 1954 and Dr. William B. McLean who served from April 1954 until January 1968 when he left to become technical director of the Undersea Warfare Center in San Diego. Dr. McLean was succeeded by H. G. Wilson who acted as technical director from July 1, 1967 until Dr.



VISITORS TO THE CENTER DURING THE CELEBRATION ENJOY A VISIT TO THE PROPULSION LABORATORIES.



THE SKYTOP FACILITY WAS INSPECTED AND ENJOYED BY RETURNING VISITORS.



EARLY TIMERS ENJOY COMBAT ART EXHIBIT IN NWC'S WEAPON EXHIBIT CENTER.



A FULL SPECTRUM OF NWC TECHNICAL PROJECTS WERE DISPLAYED IN THE LAB.



ROY JOHANBOEKE was an entertaining host to visitors who joined the interesting tour of the Skytop area.



AL CHRISTMAN of TID discusses early times with pioneers of the Indian Wells Valley, Mr. and Mrs. Clarence Ives.

Thomas S. Amie, who was formally named technical director on March 7, 1968.

## Three Executive Officers

Among those present for the 25th anniversary were three former Center executive officers — Capt. Alcorn Beckman, USN (Ret.), the Center's second exec; Capt. R. F. (Mike) Sellars, USN (Ret.), who served from June 1954 to Aug. 1955; and Capt. Frederic A. Chénault, USN (Ret.), who served from July 1955 to June 1958.

## Three Experimental Officers

Three former experimental officers playing a prominent role in the 25th Anniversary were VAdm. Thomas V. Connolly, USN, NWC 1952-1954, now Deputy Chief of Naval Operations (Air), who delivered the 25th Anniversary keynote address at the Center Theater; VAdm. J. T. (Chick) Hayward, USN (Ret.), the Center's first experimental officer, 1944-1947, who spoke at the 25th Anniversary dinner; and Capt. John I. Hardy, USN (Ret.), 1955-1957, who also spoke at the dinner.

Meet and Mix Center Popular  
The Meet and Mix period in the Weapons Exhibit Center proved most popular with visiting and local "early timers." It afforded them an opportunity to swap tall tales of their pioneering days at China Lake and to view early day photographs.

Visibly impressed was Dr. Fred W. Brown, the Center's second technical director, whose comment on the early NWC weapon exhibit was "We should have had it when I was here — it shows a whole generation of weapons developed at China Lake."

Another interested observer was Bernard (Barney) Smith, former Weapons Development Department Head, 1958-1960, now technical director of Naval Weapons Laboratory, Dahlgren, Va., as he pointed out the weapons to which he had made a contribution.

## Round of Activities

A full schedule of day-time events on Saturday kept visiting and local "early timers"

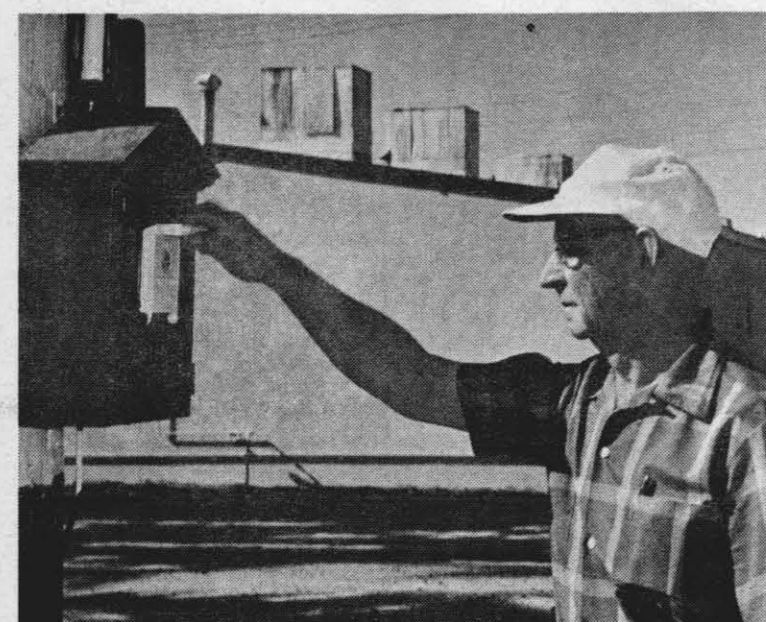
(Continued on Page 8)



MATURANGO MUSEUM AND WEAPON EXHIBIT CENTER OFFERED MEMORIES.



CLARENCE IVES, early Indian Wells Valley resident, discusses museum mementos with Mr. and Mrs. Chick Snyder.



FORMER NWC Fire Chief Al Wright pulls the switch that signals the start of a simulated firefighting event.



THE FIRE-FIGHTING EVENT WAS A ROARING SUCCESS.



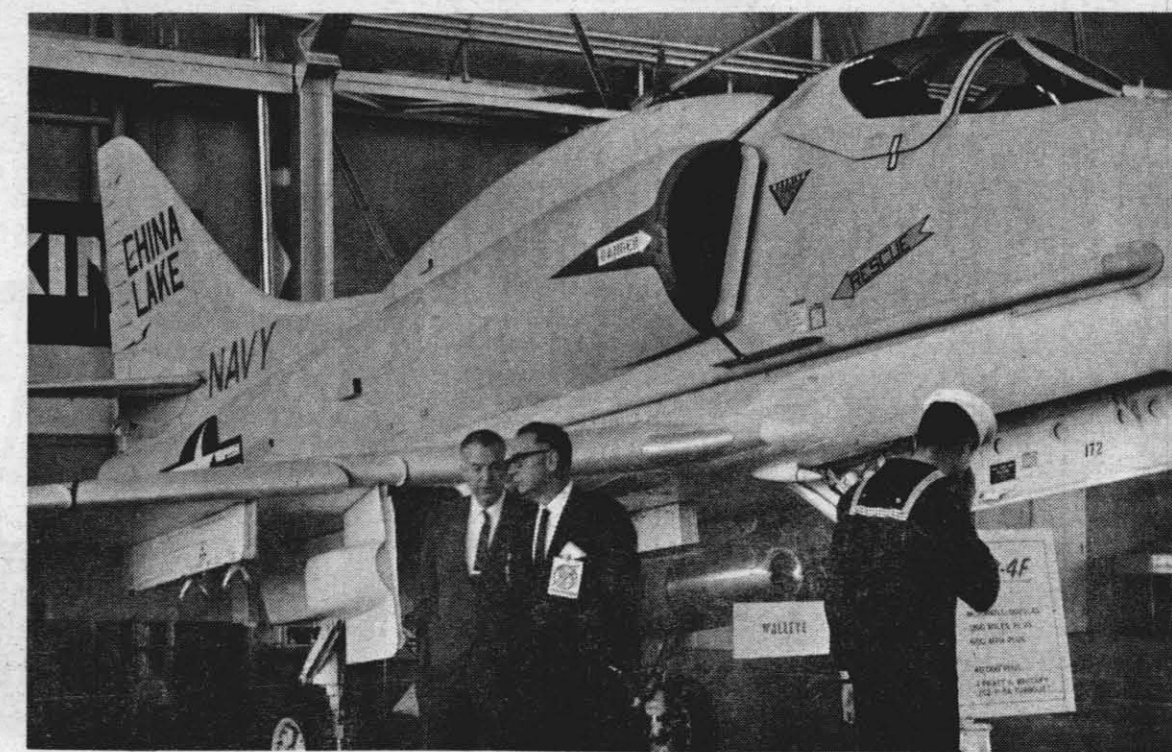
CROWDS AT the Naval Air Facility were treated to a demonstration of hot air balloon techniques. The tethered hot-air ball ascended to a height of 500 ft.

PHOTOGRAPHY BY  
William P. Fettkether  
PHCM R. M. Peters  
PH1 Gary D. Bird  
PH2 Delmar E. Hart  
PHAN Michael F. Krause  
AN Maurice Dias



LET 'ER GO, NEWT! Onlookers watch in anticipation as Jimmy Craig, three times national hot-air balloon champion, and Dick

Zinke prepare to go aloft in a tethered configuration. The exercise was part of the open house activities held at the NAF.



CAPT. POLLOCK (l) chats with Rodney Young about AODU-1.