Welcome Aboard



ENS. RONALD D. LINDER starts out the new year as a member of the Public Works team, after reporting to NOTS last month as a newly commissioned officer in the Civil Engineer Corps. Ens. Linder is a native New Yorker transplanted to St. Louis, and is a graduate of Tri-State College in Angola, Indiana, holding a B.S. in mechanical engineering. Before receiving his commission last September, he served as quality engineer at McDonnell Aircraft Corp. in St. Louis. Ens. Linder makes his new desert home at 306-A Parsons with his wife Lois.

Blue Cross Ins. Agent To Visit Station Thurs.

Norman R. Smith, Blue Cross Representative from Bakersfield, will be aboard the Station on Thursday, Jan. 12, at the Community Center from 9 a.m. to 4 p.m., according to T. J. Haycock, Head, Employee Management Relations.

32-A state (abbr.)

36-Made amends

39-Opera by Verdi

33-Separated

40-Paddle

42-Hind part

43-Postscript

44-Irritates

47-Note of scale

48-Guido's high

50-Evaluates

51-Bishopric

52-Mend

54-Goes in

56-Spirited horse

57-Approaches

"KALEIDOSCOPE" (103 Min.)

(Adventure/Comedy in Color) Wealthy young adventurer concocts a fool-proo scheme to beat the casinos, but gets black mailed into breaking a master criminal.

It's a touch of larceny, fun and romance
in this kooky escapist fare. (Adult.)

Short: "Boulder Wham" (7 Min.)

(Roadrunner)

"SWORD OF ALI BABA" (80 Min.) Peter Mann 1:00 P.M.

orts: "Phooney Express" (7 Min.) anadian Mounted No. 4" (13 Min.) "BEACH BALL" (83 Min.)

Edd Byrne, Chris Noel, The Supremes 7:00 P.M.

(Music/Comedy in Color) College music group tries to borrow money from the college to further their musical career but the pretty credit union head finds out they are using skullduggery to get the money. Shorts: "Job for a Gob" (7 Min.)

SUNDAY-MONDAY JANUARY 8-9 THE LOST COMMAND" (129 Min.) Anthony Quinn, Michele Morgan 7:00 P.M.

(War Drama in Color) Action and drama abound in this story of a commanding of-ficer of a French paratroop. From Indo-China to Algeria, this rough, tough com-

TUESDAY-WEDNESDAY JANUARY 10-11
"AN AMERICAN DREAM" (103 Min.)

(Drama in Color) TV telephone-your-question announcer needles police in telecasts and is involved in possible murder with gangsters. Unpleasant people abound in this seamy side of life story, but it's intering drama and explosive! (Adult.) Short: "Swing Ding Amigo" (7 Min.)

"RAGE" (103 Min.)
Glenn Ford, Stella Stevens
7:00 P.M.

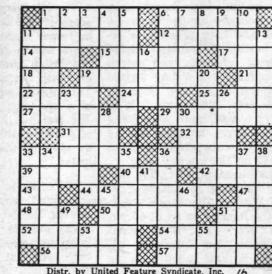
(Adventure in Color) A self-persecuted doctor at a desolate Mexican construction camp and a pleasure-girl camp follower run a gamut of suspense in a frantic effort to save his life before he decides it's worth living. Solid drama. (Adults, Ma-

Psychologists say that a hysterical girl is easily quieted with a warm kiss. But unfortunately they don't tell us the best way to get them hysteri-

Answer to Previous Puzzle

CROSSWORD PUZZLE

6-River ducks 11-Individual 12-Sword 14-Rear of ship 15-Lowest point 17-Greek letter 18-Note of scale 19-Continued stories 21-King of Bashan 41-Unit of Siamese 22-Break 16-Expire suddenly 34-Passageways 51-Weight of India 53-Diphthong 55-Symbol for 25-Part of church 36-Girl's name 27-Man's name 26-Carpenter's tool 37-Diners 29-Facial expressions 31-Exist



For Use In Authorized Service Newspapers Only

Civil Service To Observe Birthday With Dinner Dance

The 84th anniversary of Civil Service will be observed with an anniversary ball and banquet on Friday, Jan. 13, at the Community Center.

The occasion marks the anniversary of the Civil Service Act, signed into law on Jan. 16, 1883, which has stood for 84 years as the cornerstone of the American Civil Service

The public is invited to attend this observance of Federal Civil Service. Donations are \$3.50 per person and may be obtained at the Community Center. The program will include a no-host social hour from 6:30 to 7:30 p.m., dinner from 7:30 to 8:30 p.m., and dancing from 9 p.m. to 1 a.m.

Joe Arisman, president of the local AFGE Lodge 1781 says: "The purpose of the event is to acquaint the public with the history and the role of the Civil Service employee.

"We wish to reemphasize that Civil Service plays an indispensable role in representative Government and that only an informed public can preserve a career system built on merit principle.

"To increase public knowledge of the work carried on by Government employees and to give the public understanding of programs and services affecting the day-to-day life of every citizen.

"Civil Service is made up, by and large, of men and women to whom service is more than an idea. They may never get rich, but they find a substantial measure of satisfaction in serving their government and their fellow-citizens."

There are approximately 15,000 different occupations in Civil Service, some 20,000 employees in the physical sciences, nearly 50,000 in engineering, 66,000 in medicine and allied fields, Arisman pointed

Federal agencies and estabishments in more than 100 cities throughout the United States will observe the anniversary with special events and

Mars And Beyond Is Movie Feature **Of Society Meet**

A color movie, "Mars and Beyond," will be the feature of the January 9 meeting of the China Lake Astronomical Society to be held at the society's clubhouse at 401 McIntire St. at 7:30 p.m.

The film tells about what is known of the red planet with some speculation about life on Mars and other planets. All interested persons are invited.

Plans for 1967 activities will also be discussed during the meeting.

The new officers elected at the December meeting are: George Stillwell, President; Don Peterson, Vice President; Ben McLane, Secretary; and Carroll Evans, Treasurer.

At the end of July, 1966, the total amount of U.S. Savings Bonds outstanding exceeded \$49.798 million.

Airmen Promoted At NAF



RECEIVE PROMOTIONS - LCdr. Norman B. Nash (1) and LCdr. Richard H. Cooke, both assigned to NAF, were recently awarded their new leaves and shoulder boards. Judging from the smiles, their wives Wendy and Dolores are equally as happy.

Film Society **Concert Rehearsal** To Screen Ford's Set For Tuesday 'The Informer' The Desert Community Or-

The first half of the 1966-1967 season of the China Lake Film Society will come to a close with the screening of "The Informer" in the East Room of the Community Center at 8 p.m., Monday, January 9 and Tuesday, January 10.

This John Ford film, winner ready being scheduled for the of four Academy Awards as orchestra during the coming well as many other honors, has year. been established as a landmark in the history of cinematic art and a standard of Uniform Rep. film excellence for direction, photography, scoring, and act-

The second half of the season will begin February 13 and 14, with the showing of "Drunken Angel," a film directed by the Japanese master, Akira Kurosawa. Tickets for the second half of the season will be available at the door.

GEBA Assessments No. 123, 124, 125 Are Now Due

Members of GEBA - CLMAS are informed that assessments number 123-51, 124-52, and assessments have been levied due to the deaths of the following members the past month: Thomas C. Dodd; Clarence H. Smith; and Joseph M.

Payments of \$3.60 may be mailed to Joseph M. Becker, Secretary - Treasurer at 77-B Renshaw, China Lake,



chestra Association will hold

its first orchestra rehearsal of

1967 on Tuesday, January 10

at 7:30 p.m. in the Burroughs

All musicians, with or with-

out instruments, are invited to

attend the rehearsal and be-

Community concerts are al-

A representative of the U.S.

Naval Uniform Shop, San Di-

ego, will be at the CPO Club

on Monday, January 9 from 11

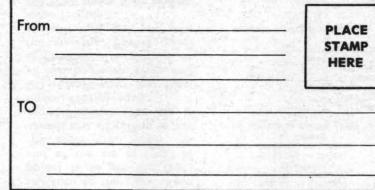
a.m. to 1 p.m. for the purpose

of handling officer and CPO

uniform requirements.

High School Band Room.

come active members.





Vol. XXII, No. 1

Lee A. Shepherd Makes Debut Capt. J. I. Hardy As First Baby Of The New Year

Naval Ordnance Test Station, China Lake, California

To Give Talk At **Business Meeting** Captain John I. Hardy, Com-

NOTS, will be one of seven featured speakers participating in the 10th annual Kern County Business Outlook Conference meeting on economic prospects for 1967.

The event, arranged by the Kern County Board of Trade, is scheduled for next Wednesday, January 11 at 9:15 a.m. at the Hacienda in Bakersfield.

Capt. Hardy's role in the morning panel discussion on "The Outlook for Kern County" will be a discussion of "Viet Nam and the Defense Industry's Role in Kern County Economy.'

Maj. Gen. Hugh B. Manson, commanding officer of the Air Force Flight Test Center at Edwards Air Force Base will join Capt. Hardy in the same subject.

The panel will also feature talks by recognized authorities in their field who will also discuss their views on the outlook for 1967 in Kern County.

Water Is Topic At Meeting Of **Engineer Society**

The Desert Empire Chapter of the California Society of Professional Engineers held their monthly meeting at the Commissioned Officers' Mess, the evening of December 14.

Wives and guests were invited to a talk and film given by Carl L. Stepson, Engineer with the State of California, Department of Water Resources.

He presented an up-to-date review of the State water project which is scheduled to deliver water in the San Joaquin Valley in 1968 and to areas of Southern California by 1971

It was further noted that in addition to the delivery of warequired reservoirs.

Out of town guests included William Naef, Defense Contract Administrator from San Francisco, Robert Jasper, Manager of Tehachapi - Cummings County Water District, and Mr. and Mrs. John Reaves of Rickett, Reaves and Ward, Engineering Consulting Firm of Bakersfield.

Eli Zeitlin, Chairman of the Desert Empire Section, CSPE,



NEW YEAR BABY — Mrs. Patricia Shepherd, wife of ATR2 Barkley Shepherd, shows off her new son, Lee Allen, to Nurse E. L. Dannan. Lee was the first baby of

family's fourth child, but the first son. He was delivered by Dr. John R. Anderson at 9:12 a.m. on January 1.

Navy League First Regional Meet

Officers and members of the gram with any Station people tion themes. ter from the Oroville Dam to Navy League's Eleventh Re- interested in the challenge to the arid region of Southern gion Executive Committee will a retiring Navy man of start-California, additional benefits arrive at NOTS tomorrow for ing a second career. He will will be derived from multiple their first regional staff meet- bring up the subject again at recreational sites to be devel- ing of the new year, featuring the Regional staff meeting Satoped in conjunction with the reports and discussions on 16 urday, 3 p.m., at the Officers different topics, programs and Club for the League visitors.

> One of the topics, the League's "Operation Highline" aimed at Navy men approaching the beginning of a second career, will be furnished with fresh material from a presentation this evening at 8 at the Community Center.

Frederic A. Wyatt of North maintains a busy speaking Hollywood, a management con- schedule and is the author of sultant, will discuss the pro- books and articles on educa- ers' Club.

Wyatt, a master at establish-

ing new careers, is a veteran of World War II and Korean War service and now is a reserve Captain serving as Plans Officer at Los Alamitos Naval Air Station. He has also been a college staff member and professor, then a management consultant and recruiter. He

The Navy League's Indian members may bring their im-Wells Valley Council, led by its President Milford C. Carlson, will be represented at the gathering tomorrow. The Regional representatives will be headed by region president George C. Gilman.

After the Navy Leaguers' arrival here by noon tomorrow, they will be welcomed by Capt. J. I. Hardy, ComNOTS, and Lt. P. L. Toland and on the Porpoise Program and small submersibles by Dr. W. B. Mc-Leaguers' staff meeting will surrounding desert. follow luncheon at the Offic-

First Baby Born In Local Area **Is Shepherd Boy**

Lee Allen Shepherd, 8 lbs., 11/2 oz., has the distinction this year of being the first baby born, not only in the Station Hospital, but in the surrounding area as well.

The new infant, the son of ATR2 Barkley and Patricia Shepherd of 230 Robalo, China Lake, made his appearance known at 9:12 a.m., Jan. 1, to take his place as number four child in the Shepherd family, but with the proud distinction of being the first boy.

"You bet I was hoping for a boy," said the proud father. "After all, four females in one

family is enough." "Seriously, however, we are very grateful to Dr. John R. Anderson and Nurse E. L. Dannan, as well as the rest of the staff. It's gratifying to know that you can put your family in their hands and know that you are getting the best."

Shepherd, who works in the Auto Pilot section of the NAF Target Department, entered the Navy in June, 1956 and took boot training in Bainbridge, Md. Before his assignment to NAF, he was stationed with RVAN 5, Sanford, Fla.

Young Lee will meet his sisters, ages 8, 5, and 17 months sometime Thursday morning.

Local Teachers Offered Course In Field Science

A University of California course, "Field Science for Teachers," will be taught beginning on Friday, January 6, 7 to 10 p.m., Room 17, Murray School, China Lake.

The course, commonly called Desert Natural History, has been taught for the past 10 years and is composed of field trips into the desert. Class mediate family on the trips which will emphasize geology this quarter.

The course, offered by U.C. Santa Barbara, grants three quarterly units of credit for \$40.00 tuition. The classes will meet from January through March, which is the winter quarter, and will resume again in April for the Spring quarbriefed on Vietnam topics by ter with emphasis on Biology of the Desert.

Three week-end trips into Death Valley will be taken Lean, Technical Director. The and two one day trips into the

> The instructor is Mr. L. W. Brubaker of China Lake.

Navy's Top Handyman



LIFE PHOTOGRAPHER - Shown with Dr. William B. Mc-Lean is Life photographer Bill Ray, right, who was teamed with reporter John Riley during their week's stay here. Six of his pictures accompanied the highly praising article.



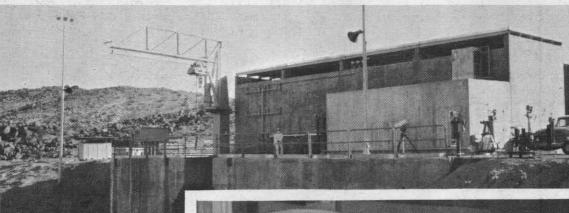
The Navy's Top Handyman

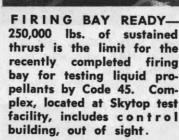
LIFE LAUDS TECHNICAL DIRECTOR — On November 18, the Rocketeer reported that a Life Magazine reporter and photographer spent a week touring the many facilities of NOTS with Technical Director, Dr. William B. McLean in order to do a story for the magazine on the Doctor. The article appears in the January 6 issue, now on the news stands, and praises Dr. McLean highly. It refers to him twice as the "Navy's Top Handyman," and is complete with six pictures showing some of the projects he is involved with.

Pediatrics Ward Receives Gifts

Every year around Christ- It seems that at least three mas time it is almost a cer- local clubs - NAF Officers' tainty to hear such statements Wives, Chief Petty Officers' as, "Christmas should be only Wives, and Hi-Desert TOPS for the kids," "Christmas is too contributed many gifts to the commercial," or "Nobody re- Pediatrics Ward which, accordmembers the true meaning of ing to Capt. E. J. Jaruszewski, Christmas anymore." Such is Medical Officer, greatly augnot the case according to the mented the care of these pa- of its outside firing activities. feet of liquid nitrogen, a 60. Department's advanced instal-Station Hospital staff. tients.

New Facility at Skytop Consolidates Testing





ROCKETEER

BY JOHN R. McCABE

A new liquid propulsion testing facility at Code 45's Skytop test complex was formally opened Monday, December 19, to give NOTS increased testing capability and consolidation of facilities

The completion of the twoyear project, costing about \$1,-300,000 in total, brings Propulsion Development Department's liquid test facilities over the hills to its main test area from a former location in Area R. The new firing facility and control building were formally opened by Capt. H. J. Hartman, Officer in Charge of Construction; Capt. Atlee F. Clapp, Staff Assistant to the Commander; and Dr. G. W. Leonard, Assistant Technical Director for Development and head of Code 45.

Wide Capabilities

The capacities and capabilities of the facility, newly set into operation, show the wide range of its availability for tests of all kinds and sizes. According to Don Peake of Public Works' Engineering Division, who was project design engineer, the test bay is built to take up to 250,000 pounds of continuous thrust from testing motors, or an instantaneous thrust of 1,250,000 pounds.

He also points out that the control building was built so who served as Branch Head and a diesel pump to supply keep out toxic fumes from the ination room, containing conpressurized to exclude any ignitable fumes.

In the facility's control building, men of Code 45's Ballistics Test Branch designed and installed instrumentation that flow and acceleration data. tions Section Head. Two TV monitors in the con-

tape transports in the control trol cables and relays, is also room gather data on 28 multiplex channels, so that five

provides 100 control channels tation for the new facilities and 80 data channels for con- with Randle were Bill Francis, the newly readied liquid fuel trolling and acquiring thrust, Instrumentation Section Head, test facility is yet to be called pressure, temperature, fuel and Roy Johanboeke, Opera- upon, some 40 small firings

"quick-look" data.

trol room give operators a view clude storage for 250 cubic of Propulsion . Development According to Dale Randle, 000 gallon water storage tank lation.

that it can be pressurized to until the project was complet- it at 2,500 gallons per minute ed, 12 electronic sequence cir- and 70 pounds per square firing bay, should the prevail- cuits control firing functions to inch pressure for deluge cooling southwesterly wind unex- within one millisecond of accu- ing. Storage facilities for fuel pectedly shift. The Bay's term- racy. Two one-inch magnetic and oxidizer can accommodate 1,100 gallons of each.

OPENING FOR BUSINESS — Capt. Atlee F. Clapp, Staff

Assistant to the Commander, and Capt. H. J. Hartman,

NOTS Officer in Charge of Construction, cut ribbon open-

ing new liquid propellant test complex at Code 45's Sky-

top. Public Work's Don Peake was project design engineer,

VIEWING NEW FACILITY - Capt. Atlee F. Clapp, Staff

Assistant to the Commander; Dr. G. W. Leonard, head of

NOTS Officer in Charge of Construction (I-r) listen to ex-

planation of control systems in new facility by Crill

Maples, head of Code 45's Quality Assurance Div.

supervising work by Ralph M. Parsons Co.

The control building, over 550 feet away from the firing channels can be recorded on bay, is covered with two feet each tape track. Also, two 24- of earth. It is banked with channel oscillographs provide earth on three sides and a onefoot thick wall of reinforced Working on the instrumen- concrete on the fourth.

Although the potential of have been carried out so far. Other parts of the facility in. All have indicated the promise

New Plane Delivered To VX-5

A-7A Corsair II **Receives A Berth** At Air Facility

Delivery of the new A-7A Corsair II aircraft was made on December 23 at Air Development Squadron - Five. The plane, piloted by Marine Major R. A. Gustafson, is currently assigned to the squadron's Projects Department. The arrival of the Navy's newest light attack bomber was made public in an announcement by Capt. W. B. Muncie, VX-5 Commanding Officer.

The aircraft, Number 31 off the LTV assembly line, is among the first to be placed in an operating squadron. VX-5 is the second west coast naval installation to receive the new aircraft on permanent assignment. Formal acceptance of the A-7A into the Navy was made during ceremonies at Cecil Field, Florida on October

VX-5 aviators qualified to pilot the Corsair II include Capt. W. B. Muncie, LCdr. L. B. Keely, Maj. R. A. Gustafson and Lt. W. E. Turlay. Maintenance training programs have been conducted by factory representatives in Dallas, Texas and by personnel assigned to Attack Squadron 122 in Lemoore, Calif. According to VX-5 maintenance officer, LCdr. L. B. Keely, "Squadron personnel have been trained in every aspect of A-7A support."

Tests and evaluations of Corsair II ordnance capability and delivery techniques are expected to commence immediately. The A-7A is in addition to existing VX-5 project aircraft consisting of A-4 Skyhawks, A-6 Intruders, and F-4 Phantom

The Corsair II is, however, no stranger to China Lake. Earlier in its development program, flight test work was conducted here as well as at the Naval Air Test Center, Patuxent River, Md., the Naval Weapons Evaluation Facility, Albuquerque, N.M., Edwards AFB, Calif., and at Dallas, Tex.

In addition to carrying multiple combinations of weapons, the Corsair II's long range capability can be traded for reconnaissance time over the target area.

The plane, designed to provide a stable bombing platform at low level, also has the agil- cember, is the first of two ity and performance of a fight- scheduled to arrive.



BACK FOR KEEPS—The new A-7A Corsair II light attack bomber was recently assigned to VX-5 and is only the second one to be assigned on the west coast. It is no stranger to China Lake however, as it went through several tests here

during the early development program. Other tests were conducted at the Naval Air Test Center, Patuxent River, Md., and the Naval Weapons Evaluation Facility, Albuquerque, N.M. To date four flyers have qualified in it.

er aircraft at that level. The aircraft's self-defense capability includes 20mm rapid firing cannons, one on each side of the fuselage, and air-to-air mis-

Because of its design, the Corsair II can fly in the "nap" of the earth, operating below the effective capability of radar screens and ground-to-air

my supersonic fighters close to the ground and its endurance permits it to outlast enemy supersonic aircraft in defensive maneuvers at low alti-

The A-7A carries 1,500 gallons of fuel in its internal tanks and can carry an additional 1,200 gallons external-

The Corsair II is powered by a Pratt & Whitney TF-30-P-6 engine. This 10,000 poundthrust engine is a twin spool, axial flow turbo-fan with fulllength fan ducting, giving it a very high thrust and flexibil-

The A-7A, received in De-



TAKES DELIVERY — Capt. W. B. Muncie, VX-5 Commanding Officer, takes delivery of the new A-7A Corsair II aircraft from Ma- The plane is a light attack bomber.

rine Major R. A. Gustafson. The new craft is the second received on the west coast.

Cycle Safety Eyed

(Continued from Page 3) for every riding occasion.

Using traffic rules as well as best helmet he can afford, hea-

Using the bike as it was de- Many more details and much signed to be used, which the background information can be pros in cycling take for grant- found in magazines of the cyed, means riding a scrambler cling sport and in materials in the boondocks, keeping the collected and compiled by the ing is on the schedule.

How To Spot a Pro

Of equal importance to these rules, but of especially great to wear the proper clothing interest these days, is the matter of motorcycle clothing -Riding defensively, says one and most especially the helveteran motorcycle patrolman, met. The cycling pro is recogmeans assuming that other mo- nized - on and off the track torists do not see you, and will or circuit — by his dress as do the wrong thing if they do. well as his style. He wears the the seat of the pants is part vy footgear, riding gloves and stout clothing, usually leathers.

ultra-lightweight on the lanes NOTS Safety Department-for museum board of trustees au- for the speaker to discuss. Ar- ing line and shooting area and by-ways, and investing in the person who is serious about thorized Program Chairman tifacts displayed are indicative clear of other people - ALa powerhouse if freeway cruis- his cycling and wants to keep Jim Baird to book Mrs. Lydia of the skill and ingenuity of WAYS REMEMBER — CHILout of the statistics files.

Yokut Indian Will Present Talk

and the public is welcome.

Gilbert, "The Yokuts Lady," at the Yokuts, whose habitat ex- DREN LIKE TO ROAM.

Yokuts Indians of Kern Coun- be brought to China Lake by Valley as Grapevine Canyon, ty, and an authority on the his- John Dowty, associate director and whose basketry was in tory and traditions of her tribe, of the Kern County Museum, such demand that it could be will be the next speaker on the to add personal observations traded for almost any kind of Maturango Museum's program and research to the informa- wares with tribes as remote as schedule, in the Weapons Ex- tion accumulated by Curator those on the extreme west hibit Center hall, on Thursday Alice Dubin when she assem- coast. night, January 19, 1967. The bled the material on exhibit, talk will begin at 7:30 p.m., on loan from the county mu- The Sierra Desert Gun Club seum in Bakersfield.

In response to interest ger- The museum will be open shooting, know the potential of minated by installation last fall before and after the lecture, your gun, what it can do. Make of the Yokuts Indian show-win- allowing guests to view the sure that you have an adedow in the Visitors Center, the window and prepare questions quate back stop. Keep the fir-

One of the few remaining her earliest open date. She will tended as near to Indian Wells

reminds shooters that when

NOTS Pasadena



PERSONNEL INSPECTION of the USS Butternut (AN9) included advance in rate for four of the ship's personnel. Lt.(jg) J. D. Berchild, ship's First Lieutenant (2nd from left), looks on as Captain G. H. Lowe, Officer in Charge, NOTS, Pasadena, congratu-

lates Mike Cassell on his advancement to Radarman 2nd Class. Other advancements were (left from Lt. (jg) Berchild), Richard K. Rohrbacher to Boatswainmate Chief; Clifford Brown to Seaman (in background) and Alfred Aguilera to Fireman.



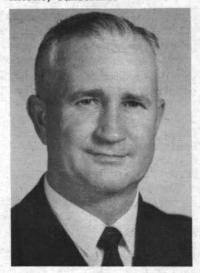
ADDITIONAL AWARDS for patents are received by Dr. Halley Wolfe, Head of the Guidance Branch, P8042; and John D. Brooks, Physicist in P80403 (I-r). Capt. G. H. Lowe, OinC, makes the presentations. Dr. Wolfe's award was for a "System For Measurement of Electrical Conductivity of Fluids." Brooks received additional awards for two of his patents, "Helical Fluid Signal to Pressure Signal Converter," and "Signal Summing Point Device For Hybrid Fluid and Electronic Controls."

Lt. J. Gay Reports As **Sea Operations Officer**

Reporting to NOTS as Sea in 1939 and was commissioned Operations Officer, Lt. Joseph in December 1961. V. Gay comes from duty aboard Officer Programs at the Los Angeles Recruiting Station. A native of Louisiana, Lt.

Gay enlisted in the U.S. Navy

He and his wife, Thelma, the USS Gunston Hall (LSD-5) have a son, Joseph V., Jr., 24, where he served as First Lieu- and daughter, Melanie, 12. The tenant. Previously he handled family is residing in Haw-



TWENTY-YEAR MEN — Capt. G. H. Lowe, Officer in Charge (r), presents certificates and lapel pins to personnel of the Systems Operations Division on completion of 20 years federal service. From left, Gordon Taylor and Gene Krug each received a 20-year federal service pin; Joe Taber was awarded a 20-year federal and 20-year NOTS pin; and Jack Zaun received a 20-year NOTS pin. Pictured below, Joe Berkich (r), is awarded a 5-year NOTS pin from D. A. Kunz, Systems Operations Division Head.





The average investment of persons buying U.S. Savings Bonds through the Payroll Savings Plan is \$24 per month.

Pasadena Board of Examiners Join L.A. Interagency Board

dena Board) will become a part al Council for Federal Sciency Board.

members will remain and will (213) 795-3235 and 681-5093.

Effective January 1, 1967, be under the direction of Mr. the U.S. Naval Laboratories in Tom E. Davis, Assistant Exec-California, Board of U.S. Civ- utive Officer for Science and il Service Examiners for Scien- Engineering. The address will tists and Engineers (the Pasa- be as follows: The Professionof the Los Angeles Interagen- tists and Engineers, 1030 East Green Street, Pasadena, Cali-As a division of the Los An- fornia 91101. Telephone numgeles IAB, the present staff bers will remain the same -



THE 1966 YMCA MATHEMATICS SEMINAR students were hosted on station last week by Tom McKinney, P8043. The eighth grade students from Pasadena schools are selected for this specialized program by their counselors. Accompanied by Ken Yoder,

Pasadena High School teacher and Seminar Coordinator (shown left), the visitors viewed the film on "Undersea Technology" prior to a conducted tour of station laboratories where they were briefed on current projects by technical personnel.



NEW HALF STRIPE-Robert Kornegay receives his orders and congratulations on his recent promotion to LCdr from Capt. Rodney F. Schall, NAF Commanding Officer,

and LCdr. Kornegay's wife Dianne. He is one of three men at NAF who was recently promoted to that rank. -Photo by PH3 Jerry Willey



VX-5 PILOT GETS PROMOTION — LCdr. William E. Turlay, Projects Officer at Air Development Squadron-Five, smiles broadly as he receives congratulations from Capt. W. B. Muncie, VX-5 C.O., for his December promotion. Also expressing her delight is LCdr. Turlay's wife, Stephanie, as

she displays her husband's new collar insignia. LCdr. Turlay is currently assigned in the Projects Department of the squadron. He is among the first of VX-5's aviators to be qualified to pilot the A-7A Corsair II. LCdr. and Mrs. Turlay reside locally with their 2 children.

Cycling Safety is Issue Of Concern by NOTS

The "good old days" of motoring, when four wheels were as adventurous as two, may never come again, but the last dozen years have given us evidence that a new motoring era may be on its way — this time. featuring the motorcycle.

California contains the plurality of the nation's fast-growing numbers of recruits to the two-wheeled sport, and also the bulk of its two-wheel accident statistics. This is a concern with which the Eleventh Naval District is coping, most recently in a ComEleven Instruction of last November stressing cycle safety for its many afficianados.

"Many serious or fatal accidents to motorcycle riders can be prevented by wearing a properly designed helmet," notes the Instruction, which goes on to point out the importance of other safety clothing and of education programs throughout the District. It recommends, in fact, that safety and training programs be established and that regulations for the wearing of approved helmets be made.

Problems vs. Potential

The Good New Days of cycling, especially in California, are recruiting larger and larger crowds of men, women and children from all "walks" of life. But many individuals, including alarmed medics, disenchanted oldtimers, and nervous citizens at large, are not entirely happy to see the new

Unfortunately, too many of the million and a half - some registered cycle riders in California feed the disenchantment with a careless approach to the sport. This attitude shows up, after all, in a rising number of deaths - some 1,-580 across the country in 1965 - and several of recent mem-

ory in the Indian Wells Valley. The NOTS Safety Department has in the last several months received and produced several articles and memos concerning the problem of cycle safety.

Even so, it can be shown that the motorcycle is now - after more than 60 years of development - potentially the safest of highway vehicles. Or, at least, until an untrained or careless rider approaches the point of impact.

A study made by the Department of Health, Education and Welfare provides some clues. It cites lack of training by many new riders, lack of preparation to cope with traffic and terrain problems, and unpreparedness - or unwillingness - on the part of pedestrians or other motorists to share the roads and crossings.

What's To Be Done? The part the cyclist must play to avoid trouble on the road and the jangling of nerves everywhere, the experts agree, is (1) to drive defensively, (2) to use the bike only as it was designed to be used, and (3) (Continued on Page 5)

Robert Gunning Will Conduct A Course On Clear Writing

recognized authority on effective writing and readability, will be on the Station Monday, January 9, to present a oneday course in "Clear Writing" for Station employees.

Mr. Gunning is the inventor of the Fog Index and has been engaged by more than 70 publications to teach editors to write more effectively for mass reader audiences.

He has held writing clinics for the engineering staffs of many major industrial organ-

Robert Gunning, nationally izations and has spoken before professional societies and other technical groups.

Mr. Gunning has presented the Clear Writing course to employees of NOTS several times in the past and always to capacity audiences. So popular, in fact, is Mr. Gunning's course that larger facilities have had to be found for each successive class.

Mr. Gunning brings his course to the Station under the auspices of the Employee Development Division, Personnel Department.

Vehicle Fees

(Continued from Page 2) counties in lieu of local property taxes.

"It is this in-lieu portion of the fees that cannot be imposed against military whose true residence is elsewhere than California."

However, the director emphasized that nonresident military persons must establish eligibility or re-affirm it, in order to qualify for this significant exemption.

Whether applying for initial California registration, or renewing a registration here, nonresident military personnel are advised to review their fee exemption rights with DMV registration specialists in the department's field offices as early as possible in January.



THE VALUE ENGINEERING (PAVE) course, completed in mid-December, was hosted by the Employee Development Division and the Value Engineering Group of the Engineering Department. Activities represented were: NOL/Corona, NAV-PLANTREPO, Long Beach, O&R Depot, San Diego, Long Beach Naval Shipyard, Long Beach, Defense Contracts Administration, Burlingame, NOSC, Washington, D.C. and NOTS.

In addition to the knowledge gained from the lectures, four local projects were used to provide practice in the use of Value Engineering techniques. For assistance on any problems, or information on additional courses that are to be held on the West Coast in the near future, please contact the China Lake Value Engineering Group, Extension 71720

CHAPLAIN'S MESSAGE

Usefulness In Life



By CHAPLAIN PAUL L. TOLAND

Someone has said there are three kinds of house renters. There are those who rent a piece of property and abuse it. Since it is not theirs, they feel no obligation to take care of it. Then there are those who take reasonable care of a rented home, leaving signs only of normal wear. Lastly there are those who invest some of themselves in the place they call home. Whatever the improvement may be, the place in which they live is home and they wish it to be more attractive.

So it is in life as God has given it to us. Someone once said that usefulness is the rent we pay for life. There are those who take the gift of life and abuse it. Many care little about their own bodies, often forming habits that jeopardize health.

Others may not be so abusive, except they do nothing to add to or detract from the total good of life. But there is a third group who has caught the vision of usefulness. They find greater satisfaction in serving others. In the ebb and flow of life these folks find that what is given to the lives of others comes back in a hundred ways.

It is difficult to place people in categories so easily, for in a real sense part of us belongs in each group. There are times when each of us is grasping to contribute to the total good.

The greatest usefulness in life comes, however, in those moments when we catch the vision of what life can be if lived to its highest.

God challenges us to forget the self and live for Him. When we follow Him, serve Him, live for Him, then we give our lives for others. In serving others, in being useful to others we are the best kind of 'renters' of the life God has given us.

Chapel To Hold Night Of Drama

Way," a modern soul-searching drama by Karl Wittlinger, will be presented at the All Faith Chapel on January 8, 1967, at 8 p.m. by the nationally known Bishop's Company of Burbank, Calif., now in its fifteenth year of appearing in houses of worship of all denominations.

Robert Coleman, drama critic of The New York Mirror, in reviewing the play, said it was one of "great social significance."

The tense plot deals with a returning war veteran who at- and prisons. tempts to find his true identity, and in so doing delves into the age-old questions, "Who is Man?" "What is his true identity," and "Is he a child of God?," are some of those questions, according to producer Phyllis Beardsley Bokar, founder of The Bishop's Company.

Wittlinger, in describing his

"Do You Know the Milky that "the good in man, though it may be stopped, even murdered, can never be annihilated." More than 9,000 performances, in nine languages, have been given of this work which was called ". . . hellishly important" by Walter Kerr, drama critic of the New York Herald Tribune.

The Bishop's Company, a touring troupe of professional actors, was founded in 1952, and is in its fifteenth year of bringing fine drama into houses of worship, colleges, universities, military installations

"We have appeared in more than 3,500 cities and towns with a touring record of more than one and one-half million miles," the producer said. The argets in various backgrounds. Company, with its first world tour planned for the Fall of 1967, has grown from a single unit to four touring units with

work as a tragi-comedy, said the 50 states and Canada.

a 50 week schedule covering

The Rocketeer Official Weekly Publication U. S. Naval Ordnance Test Station China Lake, California Capt. John I. Hardy, USN

Station Commande "J." Bibby Public Affairs Officer Joan Raber News Bureau Fraderick I Bichards Editor Staff Writers

David L. Kimsey John R. McCabe Staff Photographers PH1 Jerry Williams, PH1 David W. Hobbs, PH1 Gary D. Bird, PH3 Jerry Willey, SA Michael R. Reida, and PH2 Ralph Robey,

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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 July71354. 71655. 72082



DIVINE SERVICES

Christian Science (Chapel Annex)-Morning Service—10 a.m. Sunday School—10 a.m.

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) lo-

Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 12:30 p.m. Daily Mass-11:30 a.m. in Blessed Sacra-

Confessions-7 to 8:00 p.m. Saturday. NOTS Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third

first and third Saturday.

King Ave.) Sunday, 7:30 p.m.

PROMOTIONAL **OPPORTUNITIES**

Present Station 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

Physical Science Technician, GS-5, Code 012 — Position is located in the Physics rision, Metal Physics Branch, which cor ducts research on the physical properties of metals. Performs a variety of duties in support of professionals such as electron croscopy sample preparation, processing photo plates, mounting micrographs, and assisting in the performance of repetitive tensile tests, resistivity measurements, and specimen treatments. Requires two years general and one year specialized experi-

Physical Science Technician, GS-5, 6 or 7, Code 505 — Position is located in the Chemistry Division, which is responsible for conducting research programs in chemis-try, including propulsion, propellants, explosives, thermo - dynamics and physical chemistry. Performs a variety of tasks in support of professional personnel such as etting up apparatus, preparing solutions, onducting some laboratory tests, reducing

Packing Specialist, GS-7 or 9, Code 2561

— Responsible for the design and construction of suitable containers and the development of packing methods for the shipment of missiles, component parts, instrumenta-tion and test equipment. Minimum qualif cations are three years of general experi-ence in work related to the duties described above and one year of specialized experence in work of this type.

Management Analyst, GS-7 or 9, Code 251 — Plans, reviews, coordinates current and proposed operational programs; con-ducts special and scheduled surveys and studies; devises solutions to problems and recommends new and improved methods and procedures; drafts correspondence, re-ports, instructions, charts and forms. Ap-plicants for the GS-7 level must pass, or

have passed the FSEE.

Supply Clerk, GS-3 or 4, Code 2575 —
Responsible for documents pertinent to the receipt, delivery and payment for purchased.

accurate stock records of all ammunition received stored, issued and shipped by the

Magazine Branch.
File applications for above with N Campbell, Bldg. 34, Rm. 28, Phone 72218. Coding Clerk, GS-357-5, Code 3037 e incumbent of this position will code information from electronic schematics, re-ports, documents, and other source material for input to computer programs. He will also maintain the computer software library and perform miscellaneous clerical

File application for above with Loretta Dudley, Bldg. 34, Rm. 34, Phone 71471. Clerk-DMT, GS-4, Code 4051 — Types chnical notes, reports, correspondence orms, etc., from rough draft or recorde dictation. Acts as office receptionist and performs miscellaneous office - clerical du-

Clerk-Typist, GS-3 or 4 (1 vacancy), Code 40051 — Types reports and technical material from rough drafts, correspondence. da and performs miscellaneous clerical du ties as required. One year general officeclerical experience and one year clerical experience that involves predom pist duties is required.

File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.
Electronics Technician, GS-9, Code 3523 Participate in design, develope abrication of electronic equipment and d vices to collect spectroradiometric data

File application for above with Mary Morison, Rm. 32, Bldg. 34, Phone 72032. Machinist, WB-11, JD No. 169-4 Code 5545 (2 Vacancies) — Performs machinist work involving machine tool operation and the assembly, installation, and bench work re uired to construct, repair mechanical parts, etc. Works from prints, sketches

amples and verbal instructions.

Electronics Technician, GS-856-9, PD No. 355047, Code 5527 - Responsible for laboratory testing and alignment of electronic ent as well as the denormally be documented in report form in addition to drawings, sketches, tabulat and graphs. Must have specific knowledge of the elements of guided missile guidance

systems and associated test and evaluation

equipment.
Electronics Technician, GS-856-9 to 11 PD Nos. 13784 AMI-1, 455048, Code 5522position, located in the Electronics Branch, is in support of electronic circuit design efforts and in-house missile elec-tronics trouble shooting (Primarily solidstate). The group in which this position is located works on, but is not limited to, the SHRIKE missile system. The incumbent's responsibilities in clude prototype circ layout (low-level video and integrated cirtion in a circuit design environment which is strongly oriented toward producibility

Model Maker (Electronics), JD No. 55-1,

onics Technician, GS-856-11, PD No. totypes of electronic systems, instruments, 555036, Code 5527 — Design test circuitry and component parts thereof for use by en-and determine instrumentation required to gineers and scientists in the development

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COMBAT DIPLOMATS

EDITORIAL

Friday, January 6, 1967

THERE is a saying among some old-timers in the armed I forces that "The service just isn't what it used to be." Understandably so. The role of the military man has undergone many changes in the 191 years since we became a nation.

The primary mission of the military man is still to defend this nation "against all enemies, both foreign and domestic." In this, the United States' armed forces has no equal. The soldier sailor, airman and Marine of today has repeatedly shown he is just



of freedom as the men of Valley Forge, Bull Run, Belleau Wood, Corregidor and Pork Chop Hill.

However, in today's fast-paced, tension-filled world, the military man must be more than simply a combat-ready guardian of freedom He must also be a diplomat, teacher, humanitarian, scientist and public relations man in uniform.

In these capacities America's service personnel have proven their worth. Whether seeking marauding VC, giving medical care in a disaster-stricken town, soaring through space to further man's scientific knowledge, teaching a class on democratic principles or sharing rations with a starving child, the military man of today serves the nation well.

Some of the old-timers are right, the service isn't what it used to be. It's a lot more. (AFNB)

Supply Clerk (Typing); GS-3 or 4, Code Military Personnel May Be Exempt 2552—Establishes, maintains complete and From Part of Annual Vehicle Fees

Military personnel stationed fact that our automatic compued from part of the vehicle California registration laws. fees collected by the Department of Motor Vehicles during the coming registration renewal period which opened officially on January 3.

This reminder to armed forces personnel was issued by Tom Bright, Director of Motor Vehicles in Sacramento:

"We ask soldiers, sailors and airmen on active duty, who are non-residents but are based in California, who have registered vehicles here, and who receive registration renewal statements, to be alert to the

in California but whose homes tations assess the regular fees are in other states are exempt- asked of all citizens subject to

"We are unable to make a special run of cards for military people from out of state. Therefore in compliance with a recent ruling of the U.S. Supreme Court, we are instructing our registration staff at headquarters and all field offices to recompute for nonresident military owners the amounts due by deducting from the total fee that part representing the two percent tax allocated to cities and (Continued on Page 3)

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books Nash-Automotive Fundais available in the library. Able—The Missile Crisis.

Ace-The Fine Art of Hypochondria or How Are You? Casewit—How to Get a Job Overseas.

Cromie—The Living World of the Sea. Dominy-Judo. Fay-The Pleasure of His

Company. Giovannitti-The Decision to Drop the Bomb. Howarth-Panama

Kaplan-Mr. Clemens and Mark Twain. Kennedy-Pursuit of Justice. Manry-Tinkerbelle.

mentals. Perl-The House You Want.

Proud-Textile Printing and Dyeing. Sakol-What About Teen-age Marriage?

Savage-Glass. Sheinwold—Bridge Guide for Beginners.

Silverberg—The Great Wall of China. Sunset-How to Plan and

Build Your Fireplace. Tanzer—Stretching Your Auto Dollar. Webster-Read Well and

Remember. Worrall-The Gift of Healing.

cuit), evaluation of these circuits and those obtain test data on newly designed electronic assemblies. Construct and/or provide puter evaluation and testing. Production technical direction for the construction of hardware improvements are based on the prototype modules. Develop written test inputs from the incumbent. Occasional travinputs from the incumbent. Occasional flaville and provided to contractor's facilities. The incumbent is required to use standard laboratory test equipment in the course of vides assistance, training and technical gui-electronic circuit investigations. This position requires an individual that can func- other branch personnel in special areas of

of the hardware. Experience with missile WB-12, Code 5527 — The incumbent lays guidance systems is desirable but not essen- out, constructs, modifies, tests, maintains,

test and evaluation of guided missiles and space probes.

Mail and File Clerk (Typing), GS-305-4 PD No. 655092, Code 5502—The principal function of this position is the handling, packaging, and stowage of correspondence up to and including secret documents for the Engineering Department Including Engineering Department. Incumben will be typing, from rough draft or verbe station letters. Ability to type, thor knowledge of Naval Correspondence Manu-al, and filing system. A very thorough knowledge of document control and security requirements and procedures.

File application for above with Joan Cheever, Bldg. No. 34, Rm. 34, Phone 71514.

THE LOCKER ROOM

Birth of a Column

By ED RANCK

To those of you who have read this far, it is probably apparent that the Rocketeer is introducing a new sports column.

The original title of this column was to have been "The Steam Room," but we were informed that our title had been previously stolen by an Italian immigrant in Los Angeles. Rather than file a plagiarism suit, and be accused of being prejudiced against Italians, we decided to change the name to "The Locker Room." So, with apologies to Bud Furillo of the Los Angeles Herald Examiner, we'll continue.

We were told that we would be beginning as the so-called hiatus season of sports writing was coming upon us, but not being able to pronounce, let alone define hiatus, we decided to plunge ahead with the column anyway. The hiatus season in sports writing, we have been told, is the time of the year between seasons, when very little in the way of current sporting events is available for coverage. It's the time of the year after the Christmas holidays, when interest in athletics is probably at its lowest ebb, and selling sports to even the most avid fan is supposed to be a little difficult.

The Bowl Games are over, the NFL and AFL championships have been decided and, with the exception of the Super Bowl all of the really important football games of the season are his tory. One game stands out in our mind, the East-West Shrine Game. The East dominated this one, winning 45-22, but the performance of Clinton Jones of Michigan State made the game worth watching. The East was loaded with Notre Dame and Michigan State stars such as Jones, Nick Eddy, Gene Washington and Alan Page, etc., and it may have been the best team ever to come to the Kezar Stadium Classic.

Many fans must have noticed that after Eddy scored a touchdown in the third period, the first to come in to congratulate the Notre Dame halfback were Michigan State's Jones and Washington. There must be a moral here somewhere. With all the controversy surrounding the 10-10 tie between the Spartans and Irish last November, and the subsequent hassle about who was number one, at least the players remembered that it's a game.

In the weeks ahead we will be talking about sports here at China Lake at some length, and occasionally of the happenings at the national level. It will be our intention to bring you the stories behind the scores, keep you informed about the current upcoming events of the China Lake athletic program, and talk about some of the people who make the world of sports as exciting as it is.

Handball Tourney Set For February

The 11th Naval District Area, Handball Elimination Tournament is scheduled to be held next month at the Long Beach Naval Station.

The competition will be held between February 20-24, and is the first step toward the All Navy Championships, to be held later in the spring. The tournament is open to all military personnel, and a team is expected to be formed at China Lake in the near future.

All interested handball players are requested to contact Athletic Director Ray Gier, at the Special Services Office, Ext. 72017.

Basketball Scoreboard

CODE 45

PEEPLES, NAF

vx-3	3	472	
INDIVIDUAL SCORING LI	EADERS		
	Pts.	Avg.	
HELD, NAF	136	22.6	
ANE, Aero Science	130	26.0	
BERRY, Code 45	102	25.5	
GARTRELL, NOTS	95	19.0	
BURKE, Code 45	91	15.2	
ADNES NAE	90	150	

NEXT WEEK'S SCHEDULE: HAWKS vs. VAMPIRES TIGERS vs. FALCONS January 12 FALCONS vs. HAWKS

QUIZ How would you react? While

traveling at 50 mph on an open road you are suddenly forced to swerve to the left to avoid a child. You clear the child safely but the rear of the car is skidding to the right. What would you do? Should you-. Apply brakes firmly.

2. Pump brakes lightly. 3. Turn wheels to the left. 4. Turn wheels to the right.

Maintain acceleration.

6. Let up on gas pedal. ANSWERS car to spin or roll over. worse, possibly causing the This will make the skid the rear end is headed. from the direction in which front end of the car away

5. DO NOT turn to the left. to drive in that direction. you certainly do not want bns bsor of the road and al. The car is aimed at the

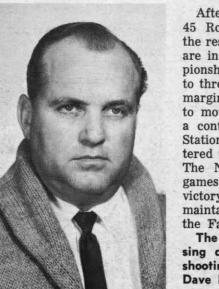
You will be steering the

ly to bring a car out of a Wheels must be rolling free-3. DO NOT touch your brakes. more trouble,

als will only get you into the steering. Pushing pedaccelerator. Concentrate on all pedals: clutch, brake and 2. DO remove your feet from under control again. same direction, the car is

wheels are all rolling in the the rear end. When the end of the car in front of object is to get the front oning, too turn to the right. Your

Ass't Director For Athletics



KELVIN BENNETT

Kelvin Bennett, former Burroughs High football star, has been appointed to the post of Assistant Athletic Director, announced this week by the Athletic Department.

To Assist Gier

Bennett became supervisor of the Station recreation facilities, and will be in charge of scheduling for the athletic department, as assistant to Athletic Director, Ray Gier. In addition to these duties, Bennett is also to be an instructor in the Station physical fitness program, and various other

A Denver, Colorado, native, Kelvin originally came to China Lake with his family in 1946. At Burroughs, he played wingback on the championship teams of the early 1950's, and also lettered in basketball, baseball and track, prior to graduation in 1952.

He studied at Santa Monica City College, where he was a member of the baseball and golf team, and later at Brigham Young University as a Physical Education major. As a resident of Prescott, Arizona, from 1961-64, he was active as a volunteer recreation worker for the city of Prescott, working with various youth groups in the area.

Utah College

He later terminated his studies at the College of South- The line of Bob Berry, Ken ern Utah in 1965. While at Burke and Carl Hall scored was turned in by Gerald Southern Utah, he was active in the school's recreation program, and was supervisor for the men's intramural athletic competition. Returning to China Lake in 1965, Bennett worked in Transportation and Pho--pad se6 aut unot ION Od 't tography at Baker Range, prior to accepting his present position.

> Bennett resides at 101 Sandora, with his wife Patricia, and four children. With the broad background Bennett brings to the job, his appointment promises to be of significant value to the China Lake recreation program.

Keep a window cracked open just a bit. Fresh air will help keep you alert and guard against carbon monoxide pois-

Bennett Named Hawks-Rockets Win In Basketball Action

BY ED RANCK

45 Rockets served notice to the rest of the league that they are in the race for the championship. The Rockets breezed to three straight wins, all by a margin of 21 points or more, to move into third place, and a contending position, as the Station Basketball League entered the fourth week of play. The NAF Hawks won two games, including an impressive victory over Aero Science, to maintain a half game lead over

the Falcons. The Hawks combined a pressing defense with the sharpshooting of Mike Barnes and Dave Held, to crush Aero Science 98-70. Held scored 34 points, and Barnes hit for 24 as the Hawks handed the Falcons their first defeat of the

The defense made the difference in this one, as the Hawks broke up the Falcon passing game with their pressing tactics, and caused them to take hurried shots throughout the game. Putting the pressure on playmaker Leon Allord, and forcing them to pass away from high scoring Ted Lane most of the night, the Hawks throttled the Falcon offense after the first few min utes. Only a strong performance by Allord, and reserve Spencer Buckner kept the Falcons in the game after that.

Aero Science took an early 12-4 lead, beating the Hawk defense several times off the fast break. NAF went to work after that, moving ahead 15-14 at the 7:07 mark and driving to a 48-34 halftime lead. Held scored 18 points in the first half to spark a fine team effort. The Falcons matched the Hawks basket for basket in the opening minutes of the second half, and trailed by 14, 68-54, with 13:02 left. NAF went on to widen the gap after that, moving ahead by 30 late in the game, and won easily to

move into the league lead. Lane scored 18 points and Allord 15 for the losers. Jerry Estelle chipped in with 13 for the Hawks, including a sensational "Elgin Baylor" style, driving layup to highlight the first half.

Code 45 downed NOTS 74-49, in a game dominated by rebounds, as the Rockets 5V. breezed by the smaller Tigers. Dominating both backboards, the Rockets jumped to a 4-0 16 halftime advantage. Berry 16 points in a strong second away. Berry led the scoring with 30 points, while Jim Reed hit 12 for the losers.

On Tuesday night, fine outside shooting by Duane Blue and Warren Turnbaugh sparked the Rockets to an 81-48 victory over VX-5. Blue scored as the Rockets rolled up a big picked off 23 rebounds and Expert riflemen by the Army.

After a slow start, the Code newcomer Steve Lachtman hit 19 points for Code 45, Dick Wells, with 18 points was high for the Vampires.

It was Berry and Burke once again as the Rockets downed the Vampires, 65-44. The pair scored 48 points between them and completely dominated the backboards, as the Rockets handed the winless Vampires their fourth straight loss. Ed Gosmire led the VX-5 scoring with 13

In other action, Dave Held scored 34 points, his third 30plus night in a row, as NAF pounded out an 80-60 win over the NOTS Tigers. It was the third loss in a row for the Tigers, and dropped them to fourth place. The Hawks broke the game open early in the second half, outscoring the Tigers 28-4, during a 7 minute stretch. Jim Reed hit 19 points for the Tigers, who were hampered by the absence of high scoring guard, Maury Gartrell.

Sierra Gun Club Has Rifle Match **On NOTS Range**

Twelve riflemen and four coaches turned out for the Sierra Desert Gun Club's December monthly high - power rifle match held recently on the NOTS Rifle Range, as a part of the club's marksmanship

training program. The program is encouraged and supported by the United States Army through the National Board for the Promotion of Rifle Practice and the Director of Civilian Marksman-

Under this program the Army furnishes the club a maximum of eight M1 rifles and a limited amount of ammunition, determined by the number of civilian club members firing for qualification the previous

The high score of the day was posted by Glen Beach when he fired a 231-10V out the Rockets big front three. of a possible 250-50V. The top score in the Sharpshooter class 65 points and hauled down 45 Chambers after he fired a 223-

The Marksman class top score of 199-2V was turned in lead, and then rolled to a 30- by Henry Hunnel. Gordon Reymore won a special award as had 15 rebounds, and scored the "High Unclassified Shooter" with his score of 225-0V. half effort as the Code 45 This award was in the form team drew out quickly to a 20 of a one year membership in point lead, and won going The National Rifle Association of America which was donated by club member Donald Herigstad.

All firing in this match was conducted from the 200-yard line of the NOTS range. The match was one of approximate-20 points and Turnbaugh 21, ly six iron-sight events fired each year that can lead to the early lead and breezed to an- qualification of club members other easy victory. Ken Burke as Marksmen, Sharpshooters or