

The Mardi Gras Ball

Tomorrow night is the night at the Commissioned Officers' Mess. Don't stay home — come and join the fun.



MUSIC SCHOLARSHIP CHECK—Sue Chudzinski (left) presents a \$76 check to Barbara Auld, Music Parents Club president...

Educational Interest Survey

The following interest survey is being run at the request of the local educational institutions and training offices.

INDIAN WELLS VALLEY EDUCATIONAL INTEREST SURVEY

- 1. Are you seriously interested in taking any courses at the adult education or college level?
2. Tuition costs for courses taught locally:
A. Burroughs Evening High School: None.
B. Bakersfield Junior College Evening Division...

NAME ADDRESS PHONE Please use supplementary sheet for answers if necessary. Mail replies to: Education Office, Code 6503, Room 1004

SHOWBOAT

FRI. "IT'S ONLY MONEY" (84 Min.) Jerry Lewis, Joan O'Brien and 8 p.m. (Comedy) Radio and TV repairman becomes a missing heir to an electronic tycoon's fortune...

MON. "THE LAST SUNSET" (111 Min.) Kirk Douglas, Rock Hudson, Dorothy Malone 7 p.m. (Western drama in color) Wanted man and a peace officer become embroiled in the problems of a ranch family...



INSTALLATION CEREMONY — CPO Wives Club installed new slate of officers last Friday evening at club preceding buffet dinner-dance.

Exam Announcement

Competitive promotion examinations are open for the following positions at China Lake: Ordnance Worker (ammunition and explosives), Heavy Duty Mechanical, Saw Filer, Tile and Plate Setter, and Guards, GS-3 and GS-4.

CROSSWORD PUZZLE

Crossword puzzle grid with clues for Across and Down words. Includes a small 'RAH SCORE SEE' grid.

From TO PLACE STAMP HERE

Marine Jet Pilot in Record 50-Mi. Hike: 12 Hrs., 38 Min.



Vol. XVIII, No. 6 NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA Fri., Feb. 15, 1963

Four VX-5 Men Try It, Two Succeed

(Other Photos on Page 3)

A China Lake Marine test pilot chalked up a record Saturday for the much publicized 50-mile hike.

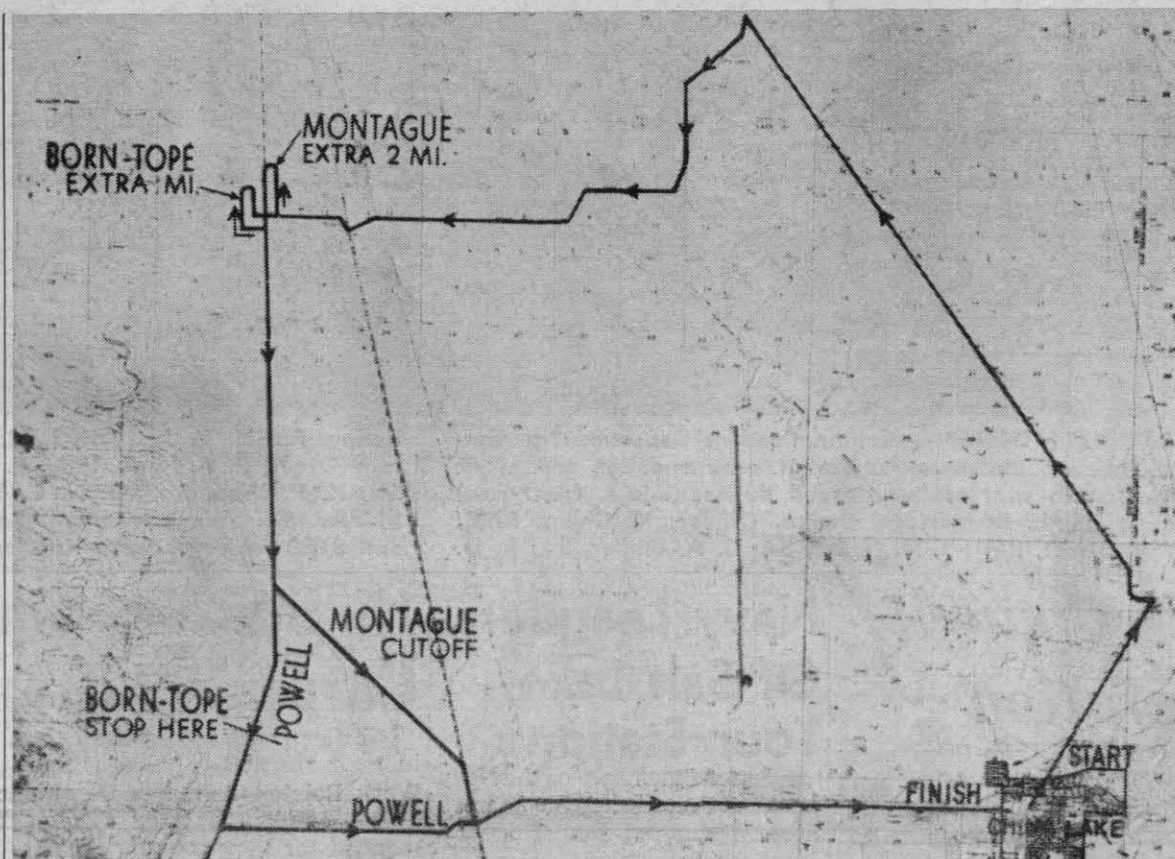
Major Paul B. "Tex" Montague, 38, completed the walk, double-time, dead-run or deal over desert flatlands and mountain terrain - much of it in the rain - in 12 hours and 38 minutes.

(Later in the week, wire service stories confirmed that Maj. Montague's record had been broken by at least one other hiker throughout the nation.)

Another VX-5 Marine pilot, Capt. Raymond R. Powell, 32, finished the grueling trek in 14 hours and 50 minutes.

Each man carried a 24-pound pack.

The pack was part of the stipulation prescribed for leather-necks in 1908 by then-President Theodore Roosevelt, the esteemed Rough Rider. T. R. had proclaimed that Marine captains and lieutenants should be able to hike 50 miles in 20 hours.



ROUTE OF THE HIKERS — All four started at Administration Bldg. Maj. Montague walked extra 2 miles at top left, later took cutoff at lower left, which is about one mile less than Capt. Powell's corner route.

If You Can't HIKE 50 MILES, GET IN SHAPE SEE PAGE 5

Warning On Disposal Of Dead Animals

The discovery this week of dead animals . . . presumably pets owned by Station residents . . . which had been left at the Station dump area brought forth a stern warning from Station officials, underscoring existing regulations and county ordinances related to pet disposal.

Information regarding these positions may be secured from the Personnel Department, Bldg. 34, Ext. 72657.

Crime Spree Nipped As 3 Teeners Are Arrested

The swift action of two Station police officers has been credited with nipping in the bud a teen-aged crime spree that involved a stolen car and two burglarized homes within a 3-day period last week.

Taken from the homes were rifles, a revolver, ammunition, fishing gear, clothing and food plus \$194.31, according to Acting Police Chief Val A. Cummins.

The trio of China Lake youths, arrested by California highway patrolmen less than two hours after a pickup notice was broadcast, were driving a stolen 1954 Oldsmobile owned by a Station resident.

Chief of Detectives John E. Dowd and Detective Sergeant Cal Mitchell, assigned to the case, said the first home burglarized was that of James F. Peck, 61-A Rowe St., reported last Monday.

Taken were a 38 cal. revolver and \$194.31.

A second home burglary was reported Wednesday by Quinten S. Dalton, 104-B Forrestal. Two rifles, ammunition, fishing gear and food were reported stolen.

The car, owned by Joseph M. Totton, 413-B Princeton, was reported stolen Wednesday, almost simultaneously with the Dalton home burglary.

Truancy from school at the times of both burglaries prompted Dowd and Mitchell to call in the state highway patrol to broadcast an all points bulletin.



KICKING UP THEIR HEELS — AND SOLES to show they completed the 50-mile hike are Capt. Raymond R. Powell (left) and Major Paul B. "Tex" Montague.

DEADLINE UPPED Because of the Washington birthday holiday next week, all copy for the Rocketeer must be in by 4 p.m. Tuesday.

New 11ND Commandant Due Tuesday

Rear Admiral Almon E. Loomis, USN, Commandant, 11ND, will visit the Station on Tuesday and Wednesday next week. Accompanying him will be his aide, Lt. R. V. Fox.

This will be Admiral Loomis' first visit to NOTS since he relieved Rear Admiral Murr E. Arnold as commandant.

In honor of Admiral Loomis, there will be a reception at the Commissioned Officers' Mess (Open) on Tuesday evening, from 6:30 to 8 p.m.

All members of the Commissioned Officers' Mess are invited and encouraged to attend. Uniform for the event is Service Dress Blue Bravo.

Members who desire to join for dinner following the reception should make reservations by calling extension 72265 or 72268, prior to 6 p.m. Monday.

TEMPERATURE

	Max.	Min.
Feb. 8	71	41
Feb. 9	64	40
Feb. 10	59	45
Feb. 11	67	41
Feb. 12	63	40
Feb. 13	63	49
Feb. 14	62	50



GET "WELL DONE" — Communications Department personnel received individual letters of commendation this week for 8-month stint of "overloaded duties. (L-to-R, front row) Lt. (jg) H. L. Brunndridge, Comm. Officer; K. Chinn, RMC; G. W. Street, RM1; J. M. Miller, SA; C. A. Waller, SA; R. D.

Boling, RMSN; L. J. Clatt, RM3; LCdr. P. F. Mohr; Second row (L-to-R) R. A. Neal, RM2; W. P. Casto, SN; D. W. Cassel, SN; K. P. Mishler, RM3; N. E. Whittington, SN; and G. L. Fiddler, SN. Work load averaged 70 hrs. a week per man and 8,000 messages were handled per month.

Captain Assures Council Of Closer Cooperation

Final action in matters affecting the China Lake Community in the year ahead will get the joint cooperation of the Command and Community Council, according to Captain Charles Blenman, Jr., ComNOTS.

Speaking before the Community Council last Wednesday evening, Capt. Blenman expressed the hopes of working more closely with the Council this year.

He said he will bring the Council into the decision making processes affecting the community before decisions are finalized.

The year's first Community Council meeting concerned the selection of Raymond Laidler to fill the Precinct 3 vacancy and appointed Dick Frederick as Ridgecrest Chamber of Commerce Liaison representative.

It was announced that the next travelogue in the "World Around Us" series will be shown Sunday, Feb. 17.

Business Facilities To Observe February 22

The Station Library, the Bank of America, the Commissary Store, and all Navy Exchange facilities will be closed on Washington's Birthday, Feb. 22, with the following exceptions: The Theatre Snack Bar, the Main Bowling Alley, the Enlisted Men's Bowling Alley, and the Golf Course, will observe normal hours of operation.

Thanks to the drip-dry suit, men now have equal rights on the shower curtain rod.



NOTS GUESTS — Salt Lake City Navy Leaguers arrived at NAF Wednesday afternoon for 2-day tour of NOTS facilities. Wel-

Navy Leaguers Of Salt Lake Tour Station

Eighteen members of the Navy League of the United States were here Wednesday and Thursday from the Salt Lake City area to tour this Mojave Desert Navy installation.

As guests of Captain Charles Blenman, Jr., ComNOTS, the group saw weapons test facilities and witnessed firing operations during its stay.

Included in the group were Paul S. Richards, Jr., Shirley DeWayne Allen, F. Henroid, Vivian Parley White, C. W. "Buck" Brady, Jr., George Eccles Caine, William Davis Backman, Adolph Martin Wielsen, Warren Murdoch Wegeland, Jed Weston Shields, James L. Trayner, Joseph Lannox Sloan, Floyd B. Jensen, Jack D. Mahr, Clyde J. Allen, E. Lavar Tate, and Harold Fletcher Chesler.

Marko Afendykiw will attend the University of Michigan to complete requirements for an M.S. in engineering. He has been a Station employee for six years. He is employed as an electronics engineer with the Test Department.

William B. Arvenson of the Underwater Ordnance Department at Pasadena will work toward a Ph.D. in mathematics at UCLA. He has been with the Station four years and is employed as a mathematician in Code P8053.

Joseph S. Dinsmore Jr. will attend North Carolina State to complete his work for a Ph.D. in experimental statistics. He is employed as supervisor mathematician with the Aviation Ordnance Department.

Arnold K. Green will work toward a Ph.D. in physics at the University of Utah. He is a physicist with the Research Department and has been a Station employee for two years.

George S. Handler, a chemist

15 Station Employees Are Earning Advanced Degrees

Fifteen Station employees are working for advanced degrees in their respective fields of specialization under the off-Station Work Related Advanced Academic Study Program.

The employees were recommended for the program by the Education Committee on Ordnance Sciences. A review of the recommendations by the Technical Director and approval by the Station Commander netted the 15 men participation in the program.

The off-Station Program can be regarded as the culmination of the professional development program for highly-gifted employees who will make major contributions in naval research and development at NOTS, according to the Committee.

Station employees who are working toward advanced degrees in their specialized fields are as follows:

James R. Harvey will work toward a Ph.D. in experimental statistics at North Carolina State. Harvey has been a Station employee for 12 years. He is employed as a mathematics statistician with the Weapons Planning Group.

Frederick J. Koperski, a physicist with the Aviation Ordnance Department, will attend the University of Washington to work for a Ph.D. in physics. He has been at NOTS nine years.

Lewis J. Runchey will attend San Fernando Valley State College to work for a B.A. in mathematics. He has been a Station employee for 11 years and is employed as a mathematician with the Test Department.

Henry T. Sampson, a research chemical engineer with the Propulsion Department, will attend the University of Illinois to work for a Ph.D. in nuclear engineering. He has been a Station employee for seven years.

Calvin W. Sweat will work toward a Ph.D. in mathematics at the University of California. A Station employee for seven years, Sweat is employed as a mathematician with the Underwater Ordnance Department at NOTS, Pasadena.

Richard C. Slates, an aerospace engineer with the Research Department, will attend the University of California to complete his work for a Ph.D. in experimental statistics. He is employed as supervisor mathematician with the Aviation Ordnance Department.

(Continued on Page 5)

RIM SHOTS

By BILL VALENTEEN



Baseball's just around the corner, evidently. The major leagues are scurrying to sign their old standbys and the old standbys are still holding out.

Most of them are still arguing with their wives about another year on the circuit. They look for other jobs, but nobody seems to be in the market for guys who have done nothing but play baseball all their lives.

Every year they say, "This is my last!" but in the end they sign. They always do.

Really, though, how much baseball is too much? These guys start playing ball in March and do nothing but stay in shape until the following October. Some guys play all year long. It's not much of a life for a family man, plus the fact that each year they've got to perform even better.

They live under constant pressure from the owners, the managers, the coaches, the family and the fans. That kind of life is worth every penny of the large salaries they receive and even then, most of them will tell you, "It's not worth it."

"AW, COME ON OUT, DAD!"

The Moms and Dads are getting ready for the umpire's call, too. Everywhere you look these days Junior's got Dad out on the front lawn loosening up the arm.

Dad's either highly excited about the upcoming Little League season or he's giving it the ol' "grin and bear it" routine as he docilely accepts his parental "duty."

He and his neighbors will have to get the ball park in shape; he'll have to try to teach his cub something about which he knows practically nothing; and he'll have to act like he's really interested in whether or not Stan Musial wins the Batting Crown for the eighth time.

Then there's Mom. She's scared to death that Johnny's going to get hit with the bat or the ball, and she remembers how he goes into those deep depressions when he strikes out.

She's worried, too, about the turns at the refreshment booth (she never makes the right change), and the teeth that won't get brushed after every gobbled-down meal. Ah, yes, Baseball is here again.

BASEBALL, A "FEW" YEARS BACK

Do you remember the days when you used to play ball with a stick and a stuffed sock? You used trash can lids for bases and the close plays at first were settled with fists.

You won the game by sliding into home with the tie-breaking run and all you got for your trouble was a belt in the seat because you ripped your knickers.

The most interest Mom and Dad paid to your playing was a casual "Where you goin'?" and then they'd hit the ceiling when you told them you were going out to play ball again. Ah, yes, times have changed! Nowadays, Mom plans menus, social engagements, and TV programs around the baseball schedule, and Dad will just have to wait until late summer to go fishing.

Time was when adults weren't that much concerned about whether or not the kids didn't have anything to do with themselves in the summer time. There was always the ol' swimming hole, the playground and the chores. And if that wasn't enough, "Let 'em eat grass," as I've heard it exclaimed.

BOOSTER CLUB AT BURROUGHS

A bunch of the boys are forming a booster club at the local high school. This is your chance to actively support your school's athletic program and make some new friends too. The wise coach will pay a lot of attention to a group of this kind. He knows he can always call on them for needed support. If you're interested, grab your green and white beanie and head for the multi-use room of the high school on Thursday night, the 21st, at 7:30 p.m. This will be a charter meeting for the purpose of electing officers.

TWO ACROSS FOR 30 CENTS?

I see that my horse was beaten by Physician at Santa Anita last weekend. It must have been a muddy track. He did come in second, though, and if you'd have bet two across the board as I suggested, you still would have won thirty cents. Keep smilin', Sport. See you next week.

Ft. Irwin Teemen Win Match

FT. IRWIN	CHINA LAKE		
Col. Maher	+2	Capt. Holmquist	+1
SP4 Lenz	+2½	Lt. Austin	+ ½
SP5 Colbert	+3	Cdr. Williams	0
SP5 Sandival	+ ½	LCdr. Gire	+2½
SP4 Dawson	0	Lt. (jg) Beauchamp	+3
Ffc. Swartz	+1½	Lt. McFarland	+1½
M/Sgt. McArthy	+2	ADJ1 Hurley	+1
M/Sgt. Anderson	+3	Chief Hall	0
Sgt. Maj. Whitfield	+2	Lt. (jg) Stickel	+1
SP4 Hill	+1	Chief Nichols	+2
Schliecher	+2½	Lt. Newman	+ ½
Capt. Capels	+ ½	LCdr. Lentz	+2½

Orville Nichols, China Lake, won low gross honors with an 80. A rematch at Fort Irwin is scheduled in March instead of Feb. 23.

Entries for the Best Ball Nassau on Feb. 23 are still open, and all interested in participating should call Paul Somes at 72890. Closing date for entries will be Thursday, Feb. 21 at 8:30 a.m.



BEST-BALL THREESOME WINNERS — First place (front, l-r): Eileen Russell, Jay Mueller and Gladys Ohlsson (BCC). Tie for second were Nettie Dunkel, Mary Hockman (BCC), Reggie Hibbs, Dot Gould, Barbara Bates (BCC) and Dora Mae Adams, Ridgecrest (standing, l-r). Eight women from Bakersfield and 16 from the local area participated.

Bowling Stats.

China Lake Women's	Won	Lost
The Duds	36½	17½
Cream Puffs	35½	18½
The Splinters	34	20
Hells Belles	33	21
Bonnies	32	22
Hi Lo's	27½	26½
Variety Girls	24	30
NOTS Credit Union	23	31
Jolly Kone's	20	34
The Jets	19½	34½
Kickbacks	19	35
Dead Beats	20	34

Glencoe Hudson bowled her first 200 game with a 561 series.

Mixed Foursome League	Won	Lost
Twisters	41	16
Chukars	32	25
Lo Balls	30	27
M. E.'s	29	25
Hildreth Motors	29	25
BAPKJZ	28	29
Pin Heads	27½	29½
Metal Trades	25½	31½
O'Lays	25	32
Kegelspielers	23	34
Hopfuls	23	34
H.A.R.D.	23	28

Premier League	Won	Lost
Hungry "Is"	41	16
Butler Venders	27½	29
Patrick's	26	31
Ballard Trailers	26	31
C.P.O. Club	25½	31½
Desert Motors	25	32

Commander's Trophy League

Commander's Trophy League	Won	Lost
Bluejackets, NAF 1.	36	21
Headhunters MB 1.	34	23
Skyhawks VX5 1	30	27
Chargers NOTS 1	29½	27½
Sidewinders NAF 2.	28½	28½
Pillrollers NOTS 2.	27	30
Gutterhuggers MB 2	22	35
Greenanimals VX5 2	21	36

Armed Forces Wives League

Armed Forces Wives League	Won	Lost
Pin Pilots	50	26
Gutterettes	44	32
Go Go Gals	42	34
Pin Ticklers	40	36
Tired Squaws	36	40
Devil Cats	33	43
No Names	32	44
Unmentionables	30	46

Armed Forces Mixed Couples

Armed Forces Mixed Couples	Won	Lost
Hit & Misses	39	24
Flying Pins	35	28
Weegees	33½	29½
Rebels	32	31
ABR Sparks	28½	24½
Clix	28½	24½
Rinky Dinks	28½	24½
Chuckers	27	36

Low Net 65 Wins Women's Best-Ball 3-Some Tourney

The Surprise Tournament—a best-ball threesome — hosted Tuesday by the China Lake Women's Golf Assn. with women golfers from Bakersfield Country Club as guests, was won by Eileen Russell, Gladys Ohlsson of Bakersfield, and Jay Mueller. They scored a low net 65.

There was a two-way tie for second place. The two teams were comprised of Barbara Bates, Bakersfield; Dot Gould, Dora Mae Adams of Ridgecrest, and Mary Hockman, Bakersfield; Reggie Hibbs and Nettie Dunkel. Eight women from the Bakersfield C. C. participated along

with 16 of the China Lake golfers. A catered luncheon was served at the club.

Jr. Ski Club Slates Meeting for Feb. 18

The Indian Wells Valley Jr. Ski Club will meet Monday, Feb. 18, at 7 p.m. in Room 22 at the Burroughs High School. Program for the evening will include a film on skiing, featuring national and international ski champions.

Plans for the forthcoming races with the Bakersfield skiers to be held at the Greenhorn mountains on March 3 will be discussed.

In addition a report will be given by Junior skiers who spent last weekend skiing at Mammoth.

The Junior Ski Club is open to all youngsters from the sixth grade through High School.

The group is sponsored by the Indian Wells Valley Recreation Council.

Meeting Called By Pony-Colt League Baseball Officials

Plans were announced this week for a general membership meeting of the Indian Wells Valley Pony-Colt Baseball League, which is to be held on Tuesday, Feb. 19, at 7:30 p.m. at the Groves St. School.

Primary purpose of the meeting will be to elect a slate of new officers, and begin planning for the season.

All parents of boys who will be eligible to compete in Pony and Colt League baseball, as well as others interested in this program, are urged to attend.

Quote of the Week

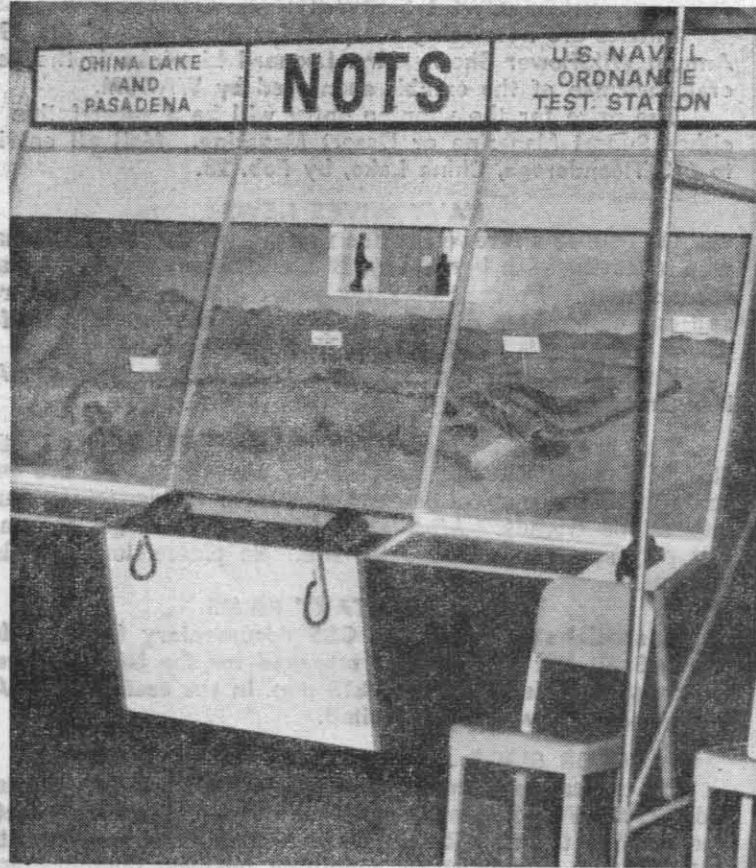
After clearing 16 feet, 3¼ inches for the highest indoor pole vault on record, C. K. Yang, a 29-year-old Nationalist Chinese student at UCLA was as astonished as the spectators: All agog as he looked up at the bar, he exclaimed, "Wow!" (This record has since been broken.)



NOTS Pasadena News

Virginia E. Lane — Ext. 481

Navy Exhibits At Electronics Show



The photos above were taken at the Fourth National Winter Convention on Military Electronics held at the Ambassador Hotel in Los Angeles Jan. 30 through Feb. 1. The convention featured three days of technical sessions, up to 75 military systems exhibits by major electronics and aerospace firms, plus field trips to important military electronics establishments and contractors.

Captain E. I. Malone, Officer in Charge, NOTS, Pasadena, served as Navy Project Officer for the second consecutive year coordinating all Naval exhibits for the show. Participating Naval activities included U. S. Naval Ordnance Test Station; U. S. Naval Ordnance Laboratory, Corona; U. S. Naval Electronics Laboratory, San Diego; and Pacific Missile Range, Pt. Mugu.

Deemed an outstanding event, the three day program included a banquet and luncheon presenting outstanding military speakers.



LT. (jg) S. GOODE (third from left), attached to Staff, Commander Submarine Division 73, Honolulu, visited Pasadena last Friday on an orientation tour. He was accompanied by Lt. R. W. Montross (second from left), a Project Technical Officer from China Lake. George Pollak, Deputy for Administration, and A. J. Tickner, Head, Guidance and Control Division (left and right), are shown with the visitors before a briefing session on supporting research programs.

Season Victory Within Reach

"Who put out the flame?" the Pasadena Fire Department questioned as the NOTS Hoopsters trounced them 65-51. Still burning with determination, NOTS edged out the Scholars (La Canada Jr. High School Teachers) 44-31. Bob Matthews was high point man this game with 18 points to his credit.

With five wins and two losses this season, and three games remaining, the Hoopsters are confident they will participate in the play-offs at the end of the season.

Feb. 19 the Hoopsters encounter Bresee Nazarene Church at Pasadena High School at 9 p.m.

Eight Complete 1st Aid Class

Recent recipients of certificates for a basic first aid course at NOTS, Pasadena, are Art Southstone, Frank Brady, Bob Templeton, Joy Taylor, Darlyne Bender, Vera Hickey, Jo Ann Bode, and Oscar Hougen.

Patricia Curtiss, volunteer Red Cross instructor from Pasadena, conducted the five classes of two hours each.

Asst. Diving Officer Reports to NOTS



LT. (jg) ROBT. R. WARREN

Reporting aboard as Assistant Diving Officer, with duty at Long Beach, is Lt. (jg) Robert R. Warren. Duty just previous to NOTS was a 30 month tour aboard the Attack Cargo Ship USS Thuban based at Norfolk, Virginia, where he served as ship's boatswain with duty in the Mediterranean and Caribbean.

Lt. Warren, native of Kansas, began his Naval career in 1941 with recruit training in San Diego and during World War II years served with the Armed Guard in San Francisco on Treasure Island and in the Admiralty Islands.

Other foreign duty was with the Chinese Training Command at Tsingtao, China, during 1946-47.

For eight years, Lt. Warren was attached to Submarine Squadron 4 and Mine Evaluation Detachment at Keywest, Florida, where he also attended the Underwater Swim School for SCUBA. Previous to this, his diving career had its beginning at the Deep Sea Diving School in Washington.

Lt. and Mrs. Warren (Evelyn) presently reside in Cypress, Calif., with their three children—Bobby 14, Judy 13, and Lori Ann, 9 months.



KARL W. SCHARPING and James W. Taylor accept award certificates and congratulations from D. A. Kunz, Head, Systems Operations Division (left to right).—Photos by Ron Tharp, FA

UOD Men Rewarded

Superior Accomplishment Awards were recently presented to two members of the Underwater Ordnance Department — James W. Taylor, Associate Head, Electronics Branch, and Karl W. Scharping, Head, Laboratory Section, for sustained above-average performance on their jobs.

Jim Taylor, Mechanical Engineer, is a project manager for applied research projects mechanical engineering consultant for the Branch and Division, and assistant to the Head, Electronics Branch.

In addition to these duties, he was assigned the task of correcting the erratic firing characteristics of the TA-4000 launcher. He determined the basic problem and devised an alternate system. A complete mechanical and electrical modification kit for replacing the erratic system was designed, fabricated and installed in the LCU-1446 under

Taylor's supervision.

In addition to serving as head of his section, Karl Scharping, Supervisory Electronic Technician, has done a superior job supporting UOD development programs with analytical work, consulting services and laboratory field tests.

Definite contributions have been made to projects such as the Torpedo MK 46, and ASROC. Special services on these programs have been provided in conducting shipboard vibration surveys, measuring catapult and arrested landing forces, specifications survey, pressure tank stress analysis, launched panel photostress analysis, launcher instrumentation at China Lake, and shock instrumentation analysis on the ASROC timer. Perhaps the most significant fact is that many of these special services were performed on a crash basis through team effort directed by Scharping.

Supply Division Head Elected to NDTA Post

Vernon W. Hayes, Head, Supply Division, NOTS, Pasadena, was recently installed as a director in the Los Angeles Chapter of the National Defense Transportation Association.

The NDTA is a non-profit, educational and scientific organization incorporated in Washington, D.C.

The Association is the professional armed service - civilian fraternity for men and women of the Armed Forces, the Federal Government, and private industry who have chosen transportation, or industry behind transportation, as their field of endeavor.

The Association does a great service to the country by making studies of problems in the field of transportation, local and national, which may have an impact on National Defense, when officially requested by the Secretary of Defense or his official representative in the field of transportation; or by the Secretary of Commerce or the Under



Vernon W. Hayes

Secretary of Commerce for Transportation.

Hayes has been a member of the organization for eight years, serving on various committees, and presently a member of the Military Membership Committee.

Safety Slogan of the Week

"EXIST SAFELY . . . SAFELY EXIST"

Submitted by

Larry Lincicum

Code 4032



Trudging Along On the 50-Mile Trail



TRAMPING THROUGH THE BRUSH, still in good shape, are Lt. Stephen L. Tope, USN (left) and Lt. Waldorn, USN, on their attempted 50-mile hike last Saturday.



PACING HIMSELF—Major Paul B. "Tex" Montague, USMC, slows down a bit after setting very fast pace for first 20 miles. —Photos by Jack Pierce, PH1

(Continued from Page 1) geon, also went on the hike.

Montague ran over the finish line at 1703. Capt. Powell came in at 1915. Cdr. Born and Lt. Tope ended their trek after about 35 miles.

Incidentally, both the major and the captain are natives of Texas. Montague is from Bandera and Powell is from Perryton.

Both are keep-fit enthusiasts. Capt. Powell does calisthenics every day.

"I got sort of tired at 25 miles and rested for a while. Then, at about 37 or 38 miles I stopped again and sat down off the highway, leaning my back against a road sign.

"It had been raining for quite a while and I was soaked. After about 20 minutes of rest I felt refreshed and decided to get going again. But, you know what? I couldn't get up! My legs were cramped. I grabbed onto that road sign post and pulled myself up. Once I was standing, I forced my legs to move again and soon was on my way."

Steak, Candy, Cigars

Asked what he had brought along to eat, Capt. Powell replied, "Two filets, cooked by my wife, and about a dozen candy bars."

"How many did you eat?" he was asked.

"All of 'em!"

Capt. Powell, an inveterate cigar man, said he smoked two stogies "and chewed up seven or eight more" along the way.

How did the rain affect the men? At first it was refreshing ("Took our minds off the other miseries"). The other miseries were multiple blisters on the feet and thigh cramps.

"The wet boots seemed to weigh about five pounds each, and this made the muscles work more and more, and ache more and more," chorused Montague and Powell.

Montague, who normally weighs 175 pounds, lost 10 pounds on the trip. Powell lost 12 pounds. He generally tips the scales at 195.

All four of the hikers told of being offered rides by several motorists who slowed down to aid them, especially in the downpour.

"I guess some of them thought we were a bit looney," they recalled. "At least they looked at us as though they did. When we explained what we were doing, they shook their heads and drove away." Cdr. Born and Lt. Tope kept



CAPT. RAY POWELL, USMC, eases off 24-pound pack straps to rest shoulders.

together throughout their 35-mile journey.

"We were in good shape until we got to the Homestead area, and then the rain and the wind ripped through us. The chilling cramps took their toll."

Statistically, Major Montague averaged about 4 1/2 miles per hour, and Capt. Powell about 4 miles per hour.

After the "stroll," Montague went home, took a hot bath and walked around a bit to loosen up his legs. Then he and his wife and their four children enjoyed another steak dinner.

The welcome home from Mrs. Powell and the five kiddies was about the same for the captain.

They Go Partying

Later in the evening the Lone Star Staters went to a little party at the home of another Marine friend.

A guest asked them, "How in the world can you have enough energy to go partying after a hike like that?"

"Why, shucks, man, to a Texan, 50 miles is just down the road piece," was the answer.

'Firebee' Q2C Jet Target In First Shot From NOTS

The newest generation in the Ryan "Firebee" family of aerial targets zipped over Mojave Desert test ranges last Friday, marking its maiden voyage from the Naval Ordnance Test Station's newly installed ground launcher.

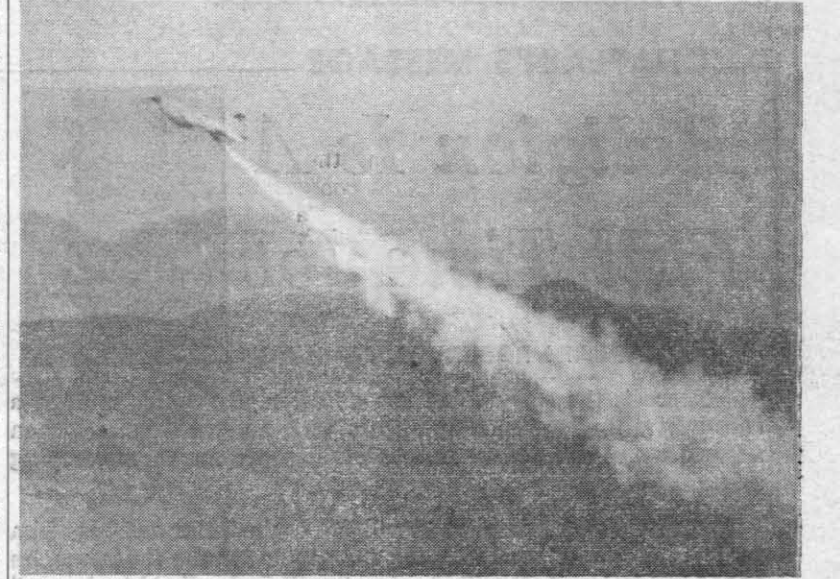
Designated the Q2C, the glistening red, jet-powered drone flies higher and faster than any target craft in existence.

John C. Partch, a member of the Ryan Aeronautical Co., said the Q2C was placed in operational use by the Navy last September at Pt. Mugu as a ground-launched target.

In its first flight here last week, the new-breed "Firebee" was launched from one of two platforms that have been installed since ground was broken here last Fall.

A Jet-Assisted-Take-Off was used in launching the tiny craft as it zoomed to 52,000 feet at speeds up to .97 machs. The flight, tracked on the ground by monitor-control units and in the air by a NAF-based F4H "Phantom," lasted 49 minutes.

Lieutenant Commander Larry W. Gire, Launch Officer, said the new-version "Firebee" was para-



"FIREBEE" Q2C zips from launch pad for maiden voyage from Naval Air Facility here. It can fly higher, faster and longer than any other drone, according to company officials.

chuted to the ground from 15,000 feet, "practically like new."

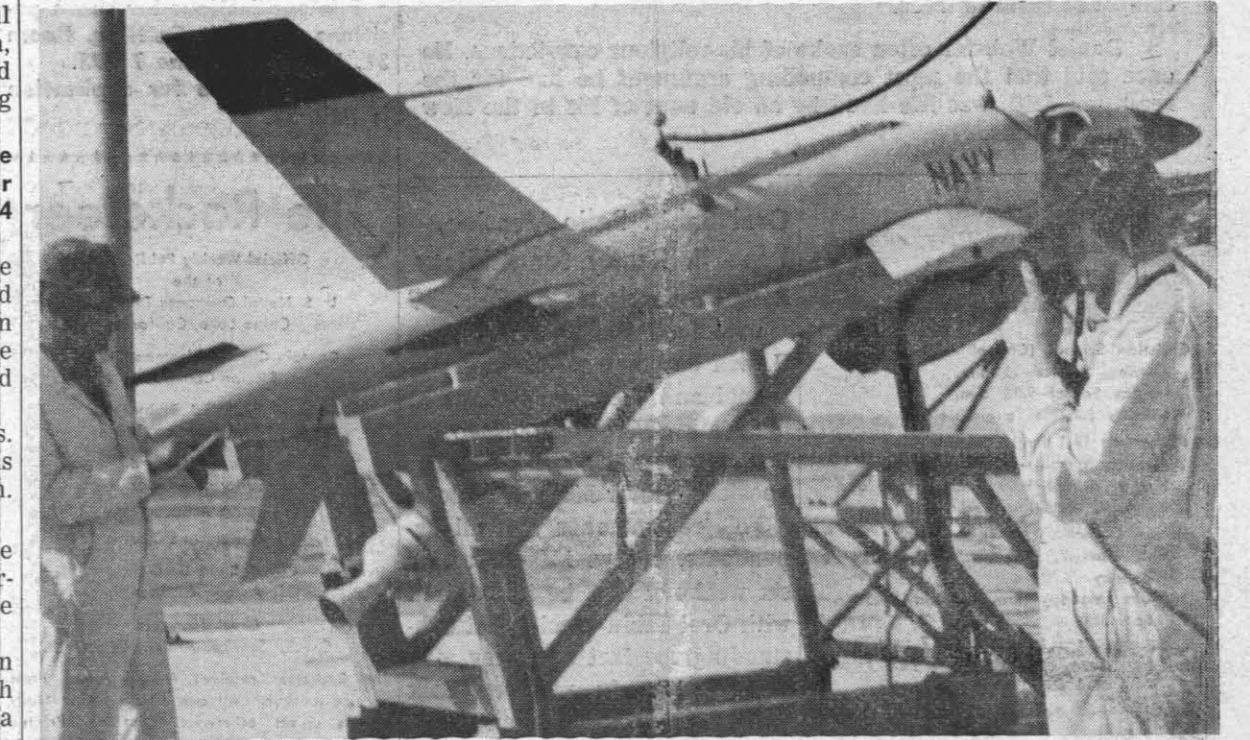
Controller during the flight was Lieutenant A. E. "Scotty" Moley.

Already in use at China Lake as target aircraft were the F9F "Panther" fighters and the KDA "Firebee."

Basic mission of the drone, ac-

ording to NAF officials, is to provide realistic aerial targets for air defense training and weapon systems evaluation.

The new "Firebee" has an altitude capability of in excess of 60,000 feet and speeds of near-sonic range. Ryan officials estimate each target drone is good for 25 flights.



RELAYING INFORMATION to control unit during final countdown for the Ryan "Firebee" drone is Navyman R. H. Engstrom, AEAN. Each "bird" can be flown 25 times. —Photos by Sam Wyatt

EDITORIAL

Keeping in the Pink Is Part of Our Job

A weapon, a machine, a vehicle—each is only as good as its care and maintenance. Neglect it at your peril — it may malfunction when you most depend on it.

Man Is the Ultimate Weapon—it's true even in this age of missile and space marvels. The infantryman outranks his rifle, the pilot his plane, the astronaut his capsule.

It stands, then, that part of our job as members of the Armed Forces is keeping ourselves in good physical condition. We wouldn't be in uniform today if we hadn't been physically qualified when we entered the service. The doctors found us sound in mind and body then. How do we measure up now? Is President Kennedy's call for physical fitness aimed at us—or, rather, aren't we expected to exemplify its standards for the rest of our fellow Americans? You can bet we are!

True, it's not easy in all cases. Many of us are veterans of WWII, which means that we've reached middle age or stand on the threshold of it. But just because we can't keep up with the kids in every department doesn't mean we can allow ourselves to go to pot through indulgence in food or drink and lack of exercise. If we do that we're not only letting the service down; we're hurting ourselves.

All perfectly obvious and undeniable, you say. But look around you and ask yourself how many of the people you serve with could do with some determined dieting or physical conditioning through sports and games. If you're in a combat unit you probably see few physically unfit men indeed. But a lot of us today have desk jobs more remote from programs of organized athletics. And for some of us it's wintertime—hibernation time.

So, after looking around us, let's forget about the other fellow and take a good hard look at ourselves.

CHAPLAIN'S MESSAGE

Religion Is A Full Time Job

By CHAPLAIN ROBERT C. FENNING



There is the story about the minister who, while making a call, was sitting in the living room with his parishioners when a small son of the family came bounding into the room carrying a dead rat.

"Don't worry, Mom, it's dead! We bashed him and beat him until ——" and, noticing the pastor for the first time, he added in a lowered, dignified voice, "until God called him home." Like the boy, so many of us have a special, sanctified vocabulary to be trotted out for use on high and holy occasions. It's like our Sunday clothes, our modulated manners and a host of other pet little customs we carry on in the name of propriety.

It is not a bad thing to stand off at a distance and laugh at ourselves at times. But beyond the ludicrous, there is a lesson to be learned: Religion is a full-time job.

Jesus often chided His followers for their ritualistic hypocrisies. Faith, He insisted, if it was worth having at all, was worth taking into the marketplace as well as the temple. He admonished people to assess the religious leaders by a very simple standard: "By their fruits shall He know them," He said as He compared them to trees.

Daniel Webster often spoke of his religious convictions. He once said that the most compelling argument he had for the reality of faith was life lived by an old aunt of his in the New Hampshire hills.

DIVINE SERVICES

Christian Science (Chapel Annex) Morning Service—11 a.m. Sunday School—9:30 a.m. Nursery facilities available. Protestant: (All Faith Chapel) Morning Worship—9:45 and 11 a.m. Sunday School—9:30 a.m., Groves and Richmond elementary schools. Roman Catholic: (All Faith Chapel) Holy Mass—7, 8:30 a.m. and 4:45 p.m. Sunday, 8 a.m. Monday through Friday, 8:30 a.m. Saturday. Confessions—8 to 8:25 a.m., 7 to 8:30 p.m. Saturday, Thursday before First Friday—4 to 5:30 p.m. NOTS Hebrew Services (East Wing All Faith Chapel) Every first and third Friday, 8:15 p.m. Sabbath School every Saturday morning. Unitarians (Parish Hall) Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—9:30 a.m.

Oral Sabin Polio Vaccine, Type II, Ready for Military And Dependents on Feb. 19 Oral Sabin Polio vaccine, Type II, will be given to military personnel and their dependents at the Station Hospital on Tuesday, Feb. 19, from 1300 to 1600. Dr. Speaker, Senior Medical Officer, NOTS, recommends that all dependents, except infants under six weeks of age, be immunized with Oral Sabin vaccine notwithstanding the fact that they may have previously received Salk Polio vaccine. Dependents who received Oral Sabin vaccine, Type I, during State or County health programs, SHOULD NOT take the vaccine at this time.

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 these vacancies.

Supv. Electronic Engineer (Instr.) GS-13, PD 31658, Code 4536 — This position is that of Head, Instrumentation Branch. The mission of this Branch is to conduct research and development in the area of instrumentation for recording and gathering data on experiments and static firing of propulsion systems.

File Application for above position with Mary Watts, Room 28, Bldg. 34, Phone 72723.

Clerk Typist, GS-322-4, PD 385000, Code 8515 — Position located in Officer Records Branch. Incumbent performs necessary duties in maintaining data and records, issuing Identification media to Naval Personnel and their dependents and performs secretarial functions.

File application for above position with Ginny Millet, Room 34, Bldg. 34, Phone 72032.

Technical Publications Writer (PS&E) GS-7 or GS-9, Code 7511 — Independently writes technical manuals describing various systems and related equipment plus step-by-step procedures for handling, test and operation. Prepares art plan for manual and oversees illustrations production.

Editor (Printed Media), GS-7 or GS-9, Code 7511 — Edits technical manuscripts for publication in official report categories. Reports on compass Station's achievements in ordnance research, development and testing, and range in type from progress and final reports on specific assignments to theoretical mathematical analyses.

Coil Winder (Radio), \$2.94 to \$3.18 p/h, Code 5545 — Winds and assembles power, filament, pulse, audio and radio frequency transformers. Also winds saturable reactors, magnetic amplifiers, audio and radio frequency chokes, solenoid coils and precision resistors.

Laborer (Heavy), 2 vacancies, \$2.46 to \$2.66 p/h, Code 70443 — Performs any one or a combination of a large variety of unskilled or low-skilled tasks, requiring predominantly physical exertion of a heavy or arduous type.

File applications for above positions with Pat Dettling, Room 31, Bldg. 34, Phone 71393. Deadline date for application is Feb. 21.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California. Captain Charles Blenman, Jr., USN Station Commander. "J." "T." Bibby Public Information Officer. Jack G. Broward Editorial Advisor. Richard Gruenberg Managing Editor. Budd Gott Associate Editor. Chuck Mangold Special Services Athletic Director. 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 NavExec P-35, Revised July 1950. Office — 50 King St., Bldg. 0929. Phone — 71354, 71655, 72082.

'DESERT PHILOSOPHER'

Pop's Tips On Taking Pictures



By "POP" LOFINCK

You're rolling down the road in your car, viewing the landscape of trees, rock formations, maybe a hill in the background, when all of a sudden a classic picture hits you right in the eye.

You've gone a ways further, before you can stop, so you back up to get that perfect picture.

But you can't find it.

Don't be discouraged because you can't. It isn't there. Because as you were rolling along, your eyes were registering on your mind a composite series of pictures from different angles — superimposed into one picture.

So there is no one spot where you can stand still and get a picture that will compare with the composite picture registered on your mind. In your mind it is as though a series of frames were superimposed into one frame.

So you must use your instinct as an artist to find the best compromise spot to get a good picture.

That's the advantage of a movie camera. If you take a motion picture from your car as you roll along — when that picture is projected onto a screen you get that composite effect.

Of course a distant picture doesn't present too much of a problem for a still camera — but for a closer picture it requires some study to determine the best spot to stand.

Another thing about photography — Some years ago the Leitz Co. that makes the Leica camera, worked out a mathematical formula to determine the proper distance for viewing a print — to get a three dimensional effect.

The formula was based on the distance from the camera to the object being photographed — the aperture of the lens opening — and the size the finished print was blown up to.

They suggested that every picture hung in a gallery should have a notation as to the distance the viewer should stand.

I forget the formula — and I can't find it in my file.

But you don't need a slide rule. Just hang the picture on the wall — step forward and backward until you get the three dimensional effect and mark it on the print to save future viewers all that footwork.

Photography is a great hobby. Although the only thing permanent in the universe is perpetual change — man has always wanted to capture the passing moment with drawings — paintings — sculptures — and now photography . . . to halt what is transitory and to make it endure long beyond the passing day — to stop time and secure what is vanishing. Man's hope is to leave a record of that fleeting moment.

That's the reason for the petroglyphs and petographs, etc., and all oil paintings and sculpture.

Painting has the theoretical advantage of moving clouds and trees and rocks around to suit the picture. But a photograph is a true reflection of nature as is. I love Nature — as is.

Along with photography, a good hobby is rivers. You can't bring a river in the house and clutter up your house with rivers. So you take pictures of rivers and bring the pictures home. Same applies to big trees and boulders. You can't bring them in the house.

Rivers have personality—even dry desert rivers. It's a good idea to get a picture of a desert river in a flash flood. Dramatic!

Starting out on a picture-taking trip you may feel economy minded — but a year or 10 years later you wish you had taken three times as many. So don't skimp on film.

An expert photographer is one who takes a thousand pictures but only shows the best ones.

PIN - UP SET

STATION HOSPITAL

MEIHACK, Valerie Jean, 7 lbs., 14 oz., born to Mr. and Mrs. Erick E. Meihack, ADJ2, of 237 Segundo, Ridgecrest on Feb. 7. BEALS, Patricia Marie, 8 lbs., 15½ oz., born to Mr. and Mrs. Harry V. Beals, AT2, of 1203-A Lauritsen on Feb. 5.

KING, Kimberly, 6 lbs., 2 oz., born to Mr. and Mrs. Hiram King, RM2, of 227 Segundo, Ridgecrest on Feb. 7.

LEACH, Thomas Eugene, Jr., 8 lbs., 9 oz., born to Lt. (jg) and Mrs. Thomas E. Leach, Sr., of 401-A Hayward on Feb. 5.

PUGH, Reggy Rose, 7 lbs., ½ oz., born to Mr. and Mrs. Frederick V. Pugh, USN, (Ret.) of 228 Warner, Ridgecrest on Feb. 12.

CASEY, Brett Allen, 7 lbs., 4 oz., born to Mr. and Mrs. Dick A. Casey, AG3, of 65-A Franklin on Feb. 12.

RIDGECREST HOSPITAL

KIRK, Michael Anthony, 6 lbs., 9 oz., born to Mr. and Mrs. Kenneth A. Kirk of 900-B Bowman Rd., Ridgecrest on Feb. 7.

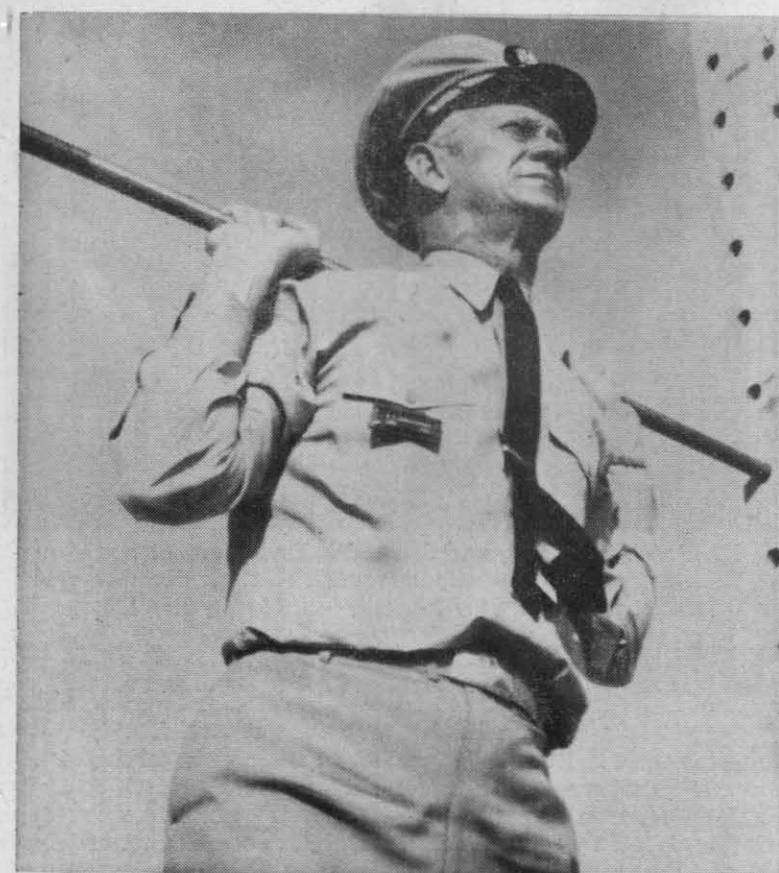
SHOEMAKER, Linda Kaye, 7 lbs., 19 oz., born to Mr. and Mrs. Arthur H. Shoemaker of 210 Forrestral, China Lake on Feb. 7.

METTENBURG, John Joseph, 7 lbs., 5 oz., born to Mr. and Mrs. Clarence W. Mettenburg of 39-A Hubbard Circle, China Lake on Feb. 8.

SIMPSON, Susan Elizabeth, 7 lbs., 4½ oz., born to Mr. and Mrs. James R. Simpson of 213-B Mitchner, China Lake, on Feb. 9.

LINDSEY, Trudy Diann, 8 lbs., 4 oz., born to Mr. and Mrs. Benjamin E. Lindsey of Trona on Feb. 10.

Health Course Not Hectic, It's Functional Isometric



CHIEF WARRANT OFFICER R. F. CHRISTOPHER Doing the Last in Series of Eight Exercises Which Took 2 Inches Off Waistline (He Gained 8 Pounds)

Functional Isometric Contraction Training . . . that's the official and newest method of paring off pounds.

The program, explains Christopher, is divided into eight positions at the bar, either pulling up or pushing up against the pipe. An enrollee in this newest form of muscle toning therapy should spend 12 seconds, exerting his entire force in each position.

Here are the positions described by Christopher. Holes must be bored in the upright posts according to the height of the person.

Exercise 1. Press lockout. Set the bar about three inches below the arm lockout position, with arms fully extended overhead. Grasping the bar with hands about shoulder width apart, look straight ahead, tighten leg, hip and back muscles and push on bar as hard as possible for 6 to 12 seconds.

Exercise 2. Press start. Set the bar about chin height, using

Exercise 3. Rise on toes (this's the one that gets you). Set the bar at a height where it will just rest or touch a little above your neck and shoulders, while you are standing in front of it. Keep knees and hips locked tight. Rise on toes and resume pushing for 6 to 12 seconds.

Exercise 4. Pull. Set bar at six or seven inches below waist. Use same grip as in 1, rising slightly on toes and pull up for 6 to 12 seconds.

Exercise 5. Parallel squat. Set bar at height where it will rest on back of neck and shoulders when you are in a squat position, with thighs parallel to floor. Place hands on bar and rise, pushing with legs as hard as possible for 6 to 12 seconds.

Exercise 6. Shoulder shrug. Set bar at height where it will be in your hands when arms are extended downward. Grip bar about shoulder width apart. Shrug shoulders upward with full strength, keeping arms and legs fully extended, 6 to 12 seconds.

Exercise 7. Dead weight lift. Set the bar at height where it will be about two inches below the knee. Bend down, grasping bar and pull up for 6 to 12 seconds.

Exercise 8. Quarter squat. Set bar about four inches below your erect height, with bar across back of neck and shoulders. Grip bar and push up with thighs for 6 to 12 seconds.

This completes the course. You'll spend no more than 15 minutes daily, get vast rewards for your efforts and feel like a new man in two to three months. If not, check in at Sick Bay for further advice from Christopher.



EXERCISE NO. 6 Shoulder Shrug

same grip as in exercise 1. Again tighten legs, hips and back muscles, pushing on bar for 6 to 12 seconds.



EXERCISE NO. 7 Dead Weight Lift

Community News

ACCORDION CONCERT WEDNESDAY

Don Comfort, concert and popular music accordionist, will be the next artist featured by The Music Parents Club in their series of children's concerts. He will be at the Station Theatre Feb. 20. Showtime is 3:30 p.m. Mr. Comfort will use three accordions in presenting his program which ranges from classical to popular, novelty, and a musical visit through Disneyland. Part of his program will feature a very rare electronic accordion worth approximately \$2,000.

WILDFLOWER SHOW THEME CONTEST

Entries are now being accepted for the theme of the 19th Annual Wildflower Show. Mrs. Leonard Licwinko is the general chairman of the exhibit sponsored by WACOM.

The prize for the winning entry will be a subscription to either Sunset Magazine or Desert Magazine. Mail all entries to 613 Ticonderoga, China Lake, by Feb. 23.

NAVY WIVES NEWS

On Feb. 13 a farewell coffee was given for Juanita Thomas, who is leaving with her hubby, Bill, and family for duty at another station. We shall be sorry to see Juanita leave the area and our club. Lots of luck to all the Thomases. The coffee was at the Navy Wives Hut at 83 Halsey St. on the Base.

On Feb. 18 at 9 a.m. we are having a Bake Sale at NAF Hangar 1.

The regular meeting of Navy Wives Club will also be the 18th of Feb. at 7:30 p.m. at the Navy Wives Hut. All are welcome to attend our coffees and meetings. Girls, join us and let's all be friends. After our meetings we all get together and play scrabble or bingo for fun. So please do come visit with us.

DOCUMENTARY FILMS

A special showing of the CBS documentary film entitled "Thou Shalt Not Kill" will be screened for the NOTS Hebrew Congregation this evening at 8:15 p.m. in the east wing of All Faith Chapel. Everyone is invited.

COLOR SLIDE JUDGING AT PHOTO SOCIETY

An evaluation of color slides will be conducted by a guest judge at the Feb. 20th meeting of the China Lake Photo Society. The meeting to be in Room B, China Lake Community Center at 8:00 p.m. Several slides submitted by local photographers are to be judged. Top rated slides will later be entered in district club competition. New quarters for use by the Photo Society at 361 McIntire St., China Lake, are expected to be available in the near future.

CPO WIVES INSTALLATION

One of the year's social highlights for CPO Wives came with the installation of officers Friday night in the form of a buffet dinner and dance.

Chaplain R. C. Fenning officiated at installation of officers with outgoing president Carmen Davis serving as mistress-of-ceremonies.

Captain Charles Blenman, Jr., one of the guests witnessing the ceremonies, spoke briefly to those present, praising the CPO Wives organization and wished the incoming officers success in their terms of office.

First Meet Held By AIAA Group

The newly formed American Institute of Aeronautics and Astronautics by the merger of the local American Rocket Society and the local chapter of the Institute of Aero-Societies held its first meeting Tuesday evening in Michelson Lab.

Temporary by-laws were adopted by the group and a slate of officers was elected to serve until July 1.

Officers who will guide the group for the intervening months are: Ed Price, president; Lewis Stevens, vice-president; Allen

(Temp) Robinson, secretary; and James Crump, treasurer.

Named as Board of Directors were Haskell G. Wilson, Ray Van Aken, Robert McAlexander, Foy McCullough, Jr., Frank Knemeyer, and Howard R. Kelley.

Peter W. K. Dietrichson was named Program and Publicity Chairman while Donald G. Nyberg will serve as Membership Chairman.

Merger of the two groups gives the AIAA approximately 77 members.



CAP OFFICERS INTERVIEWED — Read W. Wynn, CAP Public Information Director, interviews Lt. Col. Frederick L. Richards, Commander of the China Lake CAP Composite Squadron 84, and 1st Lt. Robert B. Thomas, Executive Officer, during his visit here last weekend to gather material for a feature story on the Squadron for the Civil Air Patrol Times.

Employees Earn Advanced Degrees . . .

(Continued from Page 3)

search Department, will attend UCLA to obtain a Ph.D. in engineering. He has been a Station employee for six years.

Paul L. Warnshuis Jr. will

work toward a Ph.D. in mathematics at UCLA. A Station employee for ten years, he is employed as a supervisory mathematician with the Underwater Ordnance Department at NOTS, Pasadena.