



—Robert Hancock, PH2 ATTRACTIVE ARRANGER—Sharon Murphy, 17, a senior at Burroughs High School, tries her hand at an arrangement of Princess Plumes in preparation for next weekend's Wildflower Show. Daughter of Mr. and Mrs. Harold D. Murphy, Sharon was 2nd runner-up for Miss Ridgcrest title.

Pickers, Arrangers Needed for Wildflower Show Next Saturday

With the 21st annual Wildflower Show scheduled for April 30 from 1 p.m. to 9 p.m. and on May 1 from 10 a.m. to 6 p.m. at the Community Center, various preparations which must wait until the last week prior to the show are now being culminated, announces Mrs. D. T. McAllister, show chairman.

Flower arrangers are needed, according to Mrs. Franklin Knemeyer, chairman for this particular aspect of the show. This year's show will be strictly non-competitive and open invitations are extended to all who are interested in trying their hand at arranging the various desert blooms.

Containers and frogs will be supplied and individuals allowed to choose the wildflowers they wish to use.

If anyone has a favorite container it should be brought with them when they report to the Community Center at 12:30 p.m. on Friday, April 29, or at 8 a.m. on Saturday, April 30.

Scouting in Progress
Scouting has already begun for the most likely spots to travel for caravans of pickers who will leave the Community Center at 8:15 a.m. or at 12:45 p.m. on April 29 and again at 8:15 a.m. on April 30.

Each group will have a lead-

er who will be familiar with the location of the blossoms. Pickers should bring trowels, pruning shears, gloves, plastic wastebaskets, clorox bottles filled with water and whatever refreshments they may desire.

If anyone still wishes to participate they are invited to call Mrs. David Chapman at Ext. 723324. Mrs. Chapman also states that local residents who have spotted a particularly lush growth of wildflowers and wish to share this knowledge should call her at Ext. 723324.

Those members of WACOM who have volunteered home-made desserts are encouraged by Mrs. Donald Loranger and Mrs. H. T. Lottee, co-chairmen of the Tea Room, to bring their contributions to the Center on Friday evening, April 29, after 7:30 p.m. and after 9 a.m. on Saturday, April 30.

Although the Women's Auxiliary of the Commissioned Officers Mess (WACOM) are the sponsors of the show, it has grown into an effort on the part of several community organizations. Contributing time and members are: The AAUW, China Lake Branch; The China Lake Photographic Society; The Desert Art League; The Desert Community Orchestra; The Indian Wells Gem and Mineral Society, and the Maturingo Museum.

SHOWBOAT

FRIDAY APRIL 22
"HOW TO MURDER YOUR WIFE" (118 Min.)
Jack Lemmon, Virna Lisi

(Comedy) When the wealthy bachelor, comic-strip artist wakes up after a rip-roaring party and finds he has married the lovely who popped out of the cake... the fun begins to roll. Even his comic-strip leads to a murder charge! (Adult.)
SATURDAY APRIL 23

—MATINEE—
"ISLAND OF THE BLUE DOLPHINS" (93 Min.)
1 p.m.

Shorts: "Rockabye Gator" (7 Min.)
"Trader Tom No. 6" (13 Min.)

—EVENING—
"TOKYO OLYMPIAD" (92 Min.)
Jack Douglas Films the Olympics

(Sports Special in Color) This is not just another sports film! Here is all the thrills, laughs, and heartaches of not only the events, but of the athletes and events behind the scenes of triumph and loss. From the burly shot-putters to the curvaceous female gymnasts, the mirth-wracked start of the marathon, and you'll never hear the Star Spangled Banner with a wetter eye than here! Every man, woman and child should make special effort to see this film. You'll talk about it for weeks!
Shorts: "Beep Prepared" (Roadrunner) (7 Min.)

"Beat Builders" (7 Min.)
SUNDAY-MONDAY APRIL 24-25

"NEVER TOO LATE" (104 Min.)
Paul Ford, Connie Stevens, Maureen O'Sullivan

7 p.m. Sunday: 7:30 p.m. Monday
(Comedy in Color) A rib-tickling farce about a middle-aged couple who become expecting parents, and their young daughter and son-in-law who have no family after a three year marriage! Snappy dialogue and Ford is funnier than ever. (Adult.)
Shorts: "What's Opera Doc?" (7 Min.)

TUESDAY-WEDNESDAY APRIL 26-27
"THE NAKED PREY" (94 Min.)
Cornel Wilde, Gert Van Der Berg

7:30 p.m.
(Adventure in Color) What would you do if you were stripped, without food, water, shoes or weapons and were hunted by fierce native spear-carriers? Get set for the thrills of a lifetime in this hair-raising tale. (Adults, mature youth.)
Shorts: "Solitary Refinement" (7 Min.)
"Sports A-Go-Go" (10 Min.)

THURSDAY-FRIDAY APRIL 28-29
"ONE EYED JACKS" (141 Min.)
Marlon Brando, Karl Malden

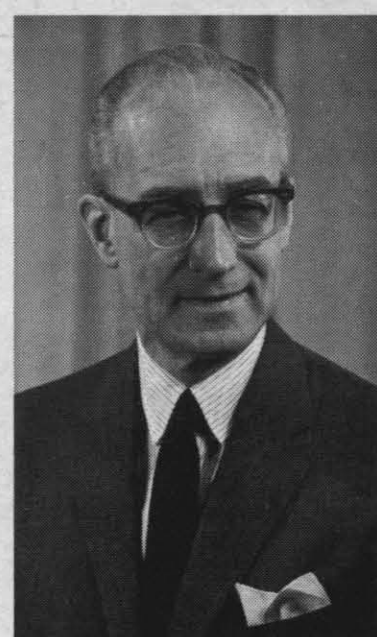
7:30 p.m.
(Super Western in Color) Marlon seeks revenge on a sheriff who betrayed him into a prison term. He joins a group planning bank robbery in the sheriff's town, but bides his time to seek brutal satisfaction. Filled with unusual story twists, this film never loses pace with fast guns, hard fists and vengeance. (Adult.)

French Language Circle Honors M. George Duca

An 'haute cuisine' dinner honoring M. George I. Duca of New York was given by members of the Cercle de Langue Francaise Monday evening at the home of Mr. and Mrs. Wallace Allan on Bogue Circle.

M. Duca, who visited the local Cercle two years ago, is Executive Director of the Federation des Alliances Francaises aux Etats Unis, with which the local French group is affiliated.

The Alliance helps Americans to achieve an understanding of French culture by providing as speakers men and women eminent in the arts and letters of France, by helping to set up French language programs, by organizing charter flights to Paris, and by providing prizes for accomplished



M. GEORGE I. DUCA

students of the French language.

After leaving the China Lake-Ridgcrest area, M. Duca continues to visit other member groups on the West Coast.

STATION LIBRARY LISTS NEW BOOKS

Fiction

Drury—That Summer.
Kenyon—May You Die in Ireland.

MacInnes—The Double Image.
Patten—No God in Saguaro.
St. Johns—Tell No Man.

Non-Fiction
Darling—Thailand and the United States.

Duffus—Queen Calafia's Island.

Dufresne—No Room for Bears.
Hans Suyin—The Crippled Tree.

Iverson—O the times, O the Manners.
Morison—The Caribbean as Columbus Saw It.

Tuchman—The Proud Tower.

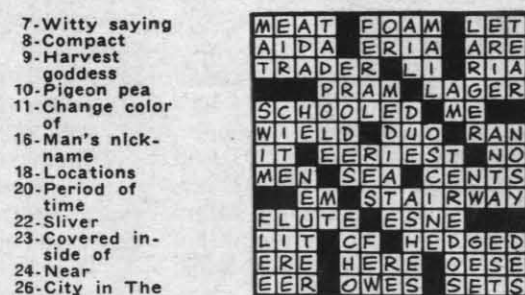
CROSSWORD PUZZLE

ACROSS

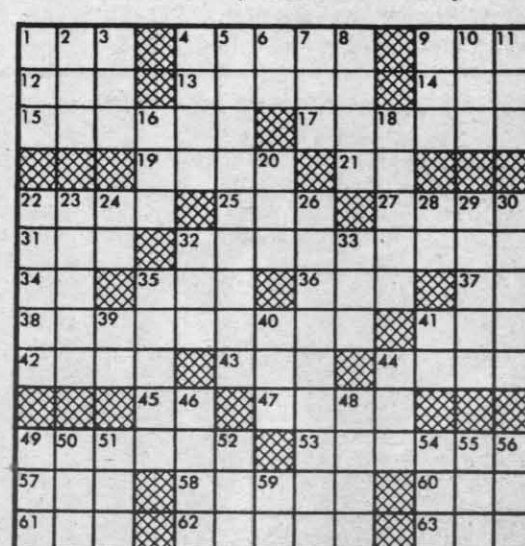
- 1-Indonesian tribesman
- 4-2nd President
- 9-Unusual
- 12-Ordinance
- 13-Citrus fruit
- 14-Remuneration
- 15-Province in India
- 17-Quarrel
- 19-Arrow poison
- 21-Enlisted man (slang)
- 22-Bridge term
- 25-New Deal agency (init.)
- 27-Unit of weight in India
- 31-Illuminated
- 32-Runs away in panic
- 34-Preposition
- 35-Old French coin
- 36-Distress signal
- 37-Near
- 38-Make merry
- 41-Hail!
- 42-Paradise
- 43-Before
- 44-Dock
- 45-Compass point
- 47-Group of three
- 49-Ball
- 53-Speckled
- 57-Cravat
- 58-Pick out
- 60-Reverence
- 61-Longing for
- 62-Shuts noisily
- 63-Males

DOWN

- 1-High mountain
- 2-Greek letter
- 3-Beard of grain
- 4-Wolfhound
- 5-Certificate issued as evidence of debt
- 6-Part of "to be"



- 7-Witty saying
- 8-Compact
- 9-Harvest goddess
- 10-Pigeon pea
- 11-Change color of
- 18-Man's nickname
- 18-Locations
- 20-Period of time
- 22-Silver
- 23-Covered inside of
- 24-Near
- 26-City in The Netherlands
- 28-Hypothetical force
- 29-Depart
- 30-Showy flower
- 32-Cry
- 33-American essayist
- 35-Feeling
- 39-French article
- 40-Skill
- 41-Three-toed sloth
- 44-Vessel
- 46-Units of energy
- 48-Electrified particles
- 49-Pigpen
- 50-Baker's product
- 51-Chicken
- 52-Cloth measure
- 54-Scottish cap
- 55-Female sheep
- 56-Lair
- 59-Babylonian deity



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From

TO

PLACE
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HERE

'Benny Sugg' Sez

Got A
Beneficial
Suggestion?

Don't
forget,
now you
can call
it in!

Ext. 72921



"Benny Sugg"

Set Clocks AHEAD Daylight Saving Time

Well, dust off the old barbecue cart and measure the horseshoe court. There's gonna be more time in the evenings for such activities, starting this Sunday.

Daylight Saving Time returns to California officially at 2 a.m. on April 24th, so set your clocks AHEAD one hour. Best do it Saturday night so you won't be late for Sunday church services.

Daylight Saving Time will continue through Oct. 30, last Sunday of that month. At 2 a.m. on that date, Standard time will be resumed.

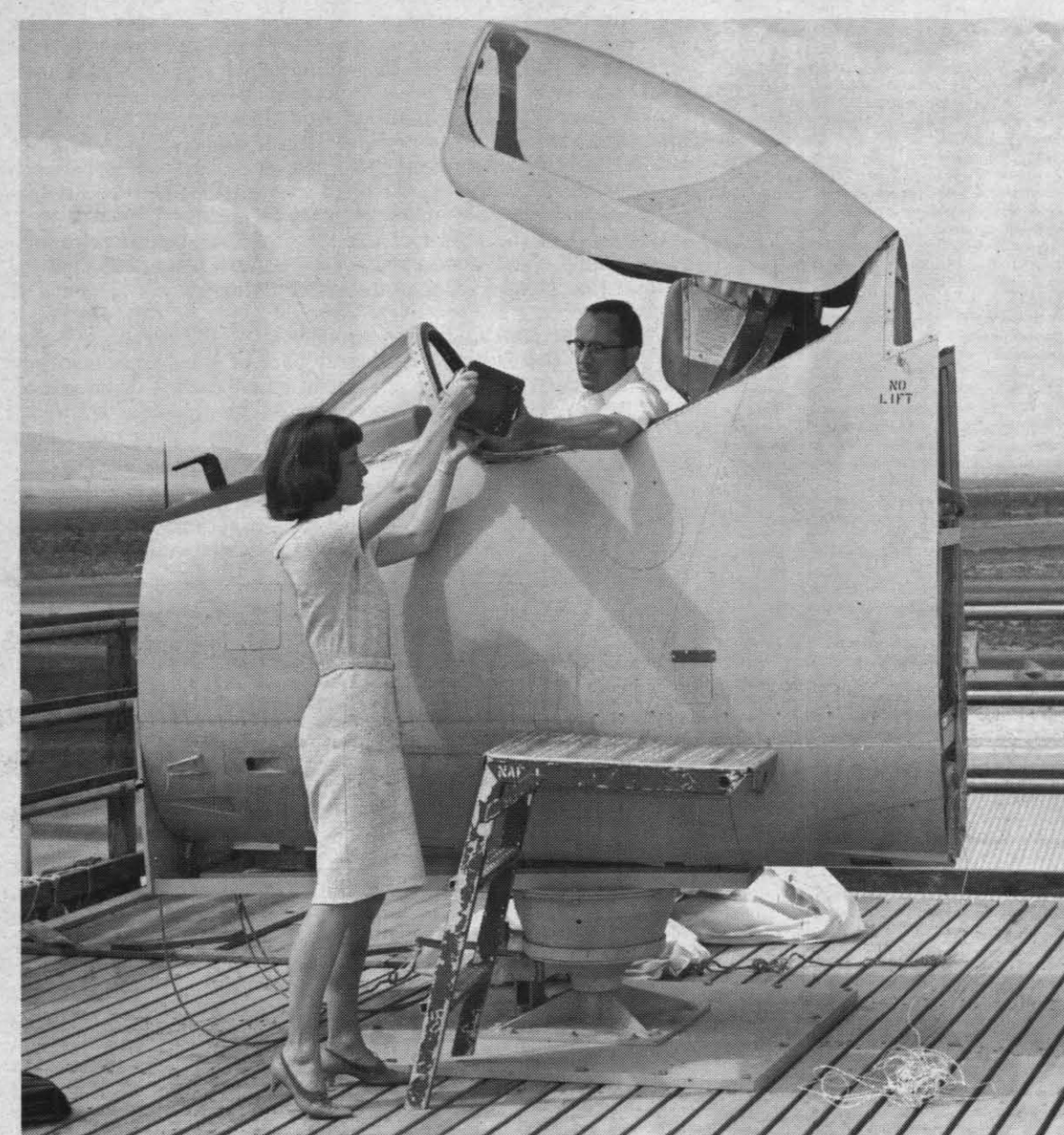


Vol. XXI, No. 16

Naval Ordnance Test Station, China Lake, California

Fri., April 22, 1966

'Mark-1 Eyeball' Takes Scrutiny By AOD, Joint Chiefs Studies



TARGET ACQUISITION CREW—This A-4 isn't going anywhere, but Carol Burge and Ron Erickson are launching it into a series of experiments on pilots' visual acquisition. They install a TV monitor which will show target pictures and various patterns on

charts through a television camera mounted just below in a third floor room in Hangar 3. Cockpit is to provide realistic light and viewing conditions. Erickson's assistant, Ray Main, has worked a year building TV experiments up to this point. All are of AOD.

—Jerry Willey, PHAN

Multi-Skilled Jim Stanford, ADR-1 Is NAF's 'Bluejacket of the Month'

James T. Stanford, ADR-1, a man with at least as many skills as fingers, and more Navy honors and medals than that, has been chosen "Bluejacket of the Month" for April to represent NOTS.

With 25 years of Navy service behind him, Jim Stanford is now a Quality Control Inspector and Safety Petty Officer for NAF's Target Division. He came to NOTS in January, 1963, from Air Transport Squadron at Tachikawa, Japan, where he was a flight mechanic. At his previous tour with Naval Air Station, Alameda, he held multiple jobs as Quality

Control Inspector, Transit Maintenance Crew Leader and Petty Officer of the reciprocating aircraft check crew.

Jim Stanford makes his home at 228 Robalo in Desert Park with his wife Mildred and their children Mary, 10, and Sarah, 5. The Stanford family enjoy the helping hand of a man of many skills, for in his 40 years since his birth in Lithonia, Georgia, Jim has learned and done electrical work, carpentry, cement finishing, roofing, plumbing, painting and auto repair. He once built a house in San Diego according to that county's strict build-

ing code, and it passed every test.

Stanford's most memorable experience in Navy service, according to his own reckoning, came early, just before the Korean conflict. While in the Stewards Branch, he applied for a change from Stewardsman to Airman, and took a regular examination for promotion to Stewardsman Third Class at the same time.

He passed the examination and was also given the chance to change to Airman, with no advance in rate. He chose the switchover, and opened up for (Continued on Page 2)



PACKS FOR BAKERSFIELD—NAF's "Blue Jacket of the Month" James T. Stanford gets an assist from his wife, Mildred, daughters Sarah, 5, and Mary, 10, as he readies for weekend as guest of Bakersfield C of C.

VISIT YOUR PUBLIC SCHOOLS, APR. 25-29

Station Hosts AOA Two-Day Meet Here

"One of our most successful and informative meetings, was the comment of John R. Alison, chairman of the 15-man executive board of the American Ordnance Association's Air Armament Division, following a two-day meet of the board and the Divisions Bomb and Warhead Section here this week. The Division was formed a year ago.

The two - day meet of the Bomb and Warhead Section was headed by Brig. Gen. M. H. Davis, USA (Ret.), a charter member of AOA when it was formed in 1919.

Executive Board

In addition to chairman Alison, others in attendance were: Maj. Gen. E. P. Mechling, USAF (Ret.), Army Material Command; W. B. Mechling, Rocketdyne Corp.; R. S. Ringham, and A. Blankfield, Aerospace Corp.; Brig. Gen. M. H. Davis, USA (Ret.), Chamberlain Corp.; J. N. Hadley, Bendix Corp.; J. C. Jueger, Northrop Corp.;

T. L. Murphy, FMC Corp.; H. R. Nelson, McDonnell Aircraft Corp.; W. B. O'Neal, Hays International Corp.; A. Stien, Cornell Aeronautical Laboratory; J. W. Stuntz, Westinghouse Electric Corp.; F. N. Gillette; and Bernard F. Jaeger, Rand Corp.

Jaeger was formerly employed at NOTS for nine years as

Dr. David Jashman To Address Nurses

The regular monthly meeting of the IWW Nurses Club will be held Monday, April 25, at the Drummond Medical Clinic at 7:30 p.m.

The speaker will be Dr. David Jashman of the Ridgecrest Community Hospital Staff. His topic will be diabetes and acidosis.

All nurses in the valley are invited to attend.

Winners Selected In Art Festival Contest

Four first time sweepstakes and 20 blue ribbon winners were named in the District Art Festival held at the Community Center last weekend.

The winners, whose works were described by local patrons as "the best to date," will compete in the Kern County Art Festival to be held in Bakersfield at the Cunningham Memorial Gallery on Saturday, May 7.

Sweepstakes Winners

Sweepstakes winner in the adult amateur division was Alberta Cox for her oil entitled "Drumbeat." A technical editor with TID, this was Mrs. Cox' first venture in competition.

Capturing sweepstakes honors in the high school division was Mary Gill with her charcoal drawing of an old man.

Sue Ellen Charlton, a student at Murray Jr. High School, was a sweepstakes winner with her tempera drawing of a horse. In the elementary division, Gina Phillips, a second grade pupil at Vieweg School, was also a sweepstakes winner with her finger painting, "Blue Beauty."

Blue Ribbon Winners

Blue ribbon winners in the

head of the Research Department's Aerodynamics Branch. Over 100 Attend

Over 100 members of AOA, comprised of engineers, scientists, and executives from industry and military installations, attended the two - day meet of the Bomb and Warhead Section held in the Community Center.

Attendees heard 14 presentations by personnel from industry and military installations during the two-day meet. Tuesday evening the AOA group attended a reception and dinner at the Officers Club at which Brig. Gen. M. H. Davis, outlined the early history of AOA and his experiences with bombs and bomb armament during World War II in London.

In addition, they saw the film "What We Have Learned About The Porpoise" with a commentary by Bill A. Powell, NOTS' coordinator for porpoise studies.

Norm Rump, president of the local AOA Chapter, expressed his thanks to the group for having selected China Lake for their division meet.

The two - day meet for the visitors was climaxed on Wednesday with a bomb and warhead demonstration with a commentary by J. L. McLaughlin of Code 45 and Dall Hughes of Code 40.

Aetna Agent To Be At Community Center Thursday and Friday

Howard Kennan, representative of the Aetna Insurance Co., will be at the Community Center next Thursday from 9 a.m. to 4:30 p.m. and on Friday from 9 a.m. to 3 p.m., according to Austin Ross, Head of Employee - Management Relations.

adult amateur division were George Linstead and Merle

Rivette. Mildred De Harrold received a first place award in the semi-professional division.

High School blue ribbon winners were Linda Jo Reed, Andy Cherry, Ken Zurn, Nancy Nikirk, and Annette Peyton.

Blue ribbon winners in the elementary division were Carol Frandsen, Danny Forster, Eric Moore, Debora Lyon, Don Phillips, Sandy Smith, Scott Fifer, and Bill Sobalvarro.

Other Awards

Nineteen second place red ribbons, 20 third place white ribbons, 20 yellow fourth place ribbons, and 30 green honorable mention ribbons were awarded to show competitors.

Four awards of distinction went to Cassandra Strickland, and Dawn Driggs, in the elementary division; Paul Robcke, high school division; and Pam Jacobsen, semi-professional division.

Show judges were Dan Castro of Oildale, Inez Glusco of Bakersfield, and Anton Oza-nich, Jr., of Lake Isabella.



GOOD DEED FOR THE DAY—A portion of the 250 Boy Scouts, who helped clean up the debris along China Lake Blvd., perform un-

der the appreciative eyes of Lt. J. N. Milliken, George M. Whaley, Ridgecrest's Police Chief, and Capt. R. R. Yount, NAF CO.



HAUL IT AWAY!—Boy Scouts load Navy truck with trash collected along Station fence. High winds Sunday afternoon which

left the area looking much like before they started failed to dampen the Scouts' spirits. They are ready to do it again.



SWEEPSTAKES WINNERS—Holding their prize winning paintings in last weekend's Art Festival (l-r) are Alberta Cox, adult amateur division; Gina Phillips, elementary di-

vision; and Sue Ellen Charlton, also elementary division. Mary Gill, sweepstakes winner in the high school division, was not present for picture.

College - Federal Council

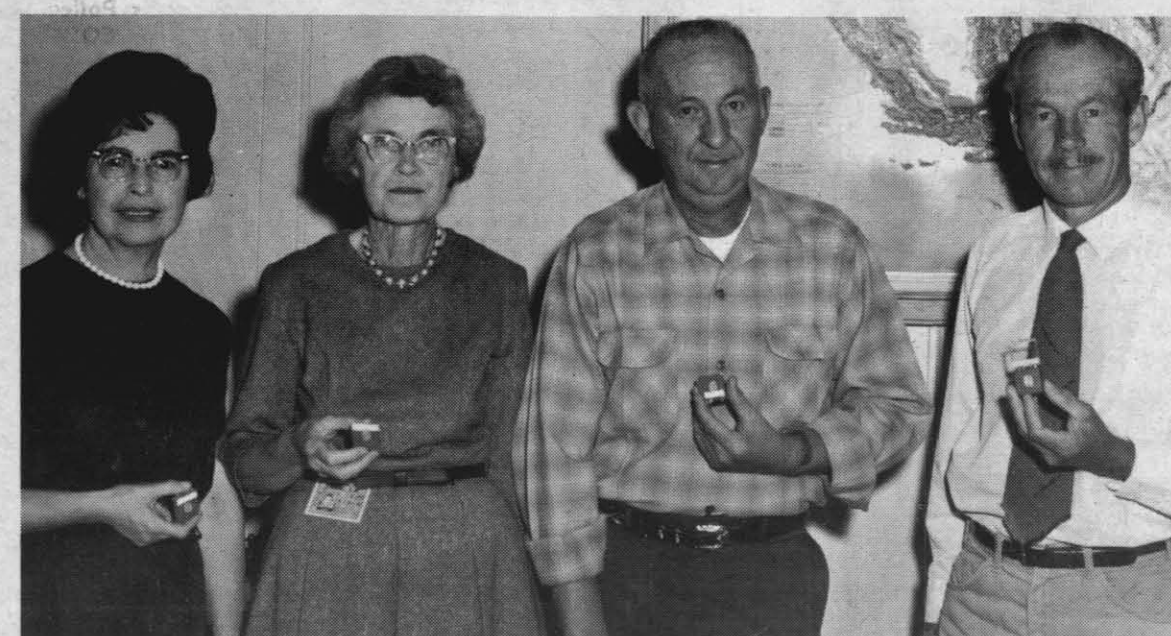


MOON VEHICLE—Ben Casados, of NASA's Western Operations Office, Santa Monica, exhibits NASA experimental model of Lunar Soft Landing Vehicle at College-Federal Council meet here.



SERVICE SINCE 1945—The awarding of seven more 20-year Federal Service pins to Aviation Ordnance Dept. employees brings the total for AOD to 82. Dr. N. E. Ward, department head and Asst. Technical Director

for Development (Weapons Systems), awarded pins to (l-r) Wendell Allison, David Livingston, Eliza Casados, C. R. Leonard, Catherine Ehnobom, Robert Deem and R. H. Booth.



AT NOTS FOR 20 YEARS—Dr. N. E. Ward, head of Aviation Ordnance Dept., presented NOTS pins to (l-r) Eliza Casados, Catherine

Ehnobom, Robert Deem and E. G. Westmorland. Their honors double the number holding the award in AOD to eight.

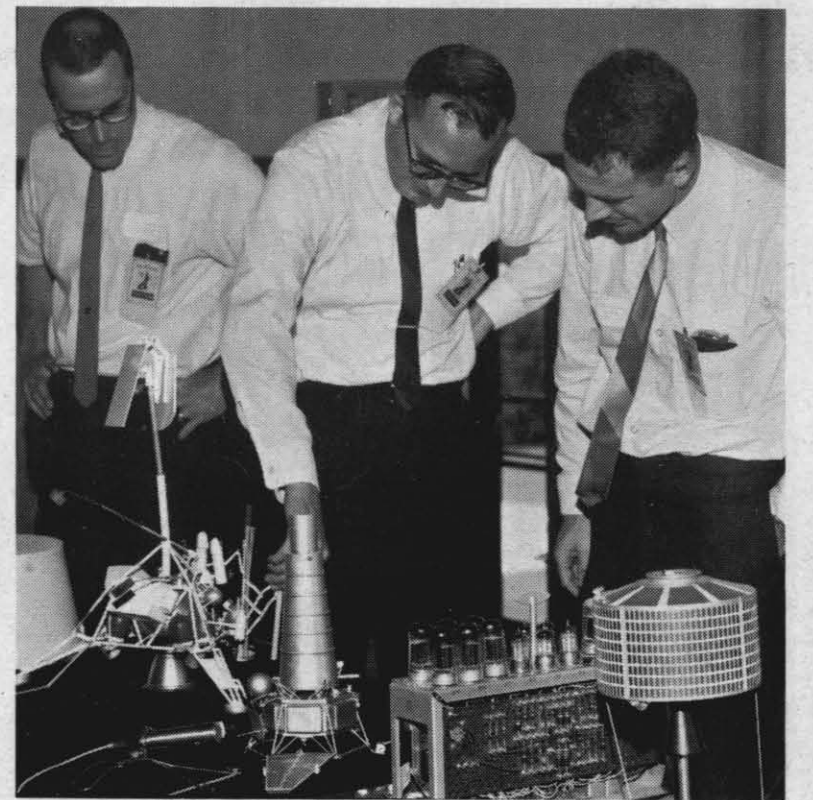


RECOGNITION FOR 20 YEARS—At the China Lake Propulsion Lab, six employees of NOTS' Propulsion Development Dept. who have served the federal government for the last 20 years received pins from Dr. G. W.

Leonard, Department Head and Assistant Technical Director for Development (P & E). They are (l-r) Oliver B. Harrison, John J. Morosin, Alfred Celestine, Charles A. Arnold, Willard D. Snyder, and Mabel V. Ellis.



SPEAKERS CONFER—Dr. William G. Thomas, UCLA's Assoc. Dean of Student Placement, confers with Dr. John T. Holloway, of NASA. In background is R. A. Harrison, Head, NOTS Personnel Department.



INSPECT NASA MODELS—San Bernardino College faculty members (l-r) Bruce Stewart, William Lawson, and Dr. Richard Moore inspect NASA experimental models.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



SYSTEMS OPERATIONS DIVISION personnel were rewarded with lapel pins recently denoting years of federal service and length of time with NOTS Pasadena. D. A. Kunz, Division Head (l), presented the pins and

congratulated (l-r) Greydon Dodge and Jim Taylor, NOTS 20-year pin recipients; Les Campbell, 20-year Federal Service and 10-year NOTS; Howard Wheeler, NOTS 10-year pin; and Gene Krug, NOTS 5-year pin.

Overseas Venture For Emil Wimmer

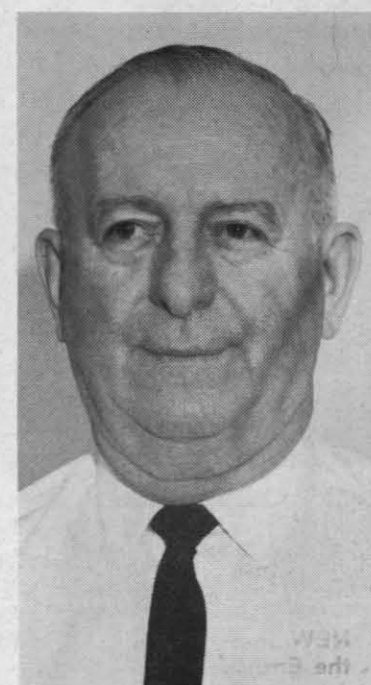
Launching on another overseas venture, Emil Wimmer bade farewell to his many friends at NOTS at a luncheon held in his honor last Friday. Emil left this week for a position with Quinton Engineering. He will be headquartered in Saigon where he will be coordinating electrical power distribution systems among the military services.

"Although anticipating my new adventure, the many fine people I have worked with during my seven years at NOTS will always be remembered with a special fondness," he said in parting.

Emil, an Electrical and Communications Engineer in the Engineering Division of the Pasadena Public Works Office, began his federal career in 1942.

Foreign ports beckoned and, heeding the call, Emil spent the period from 1944 to 1953 in the Far East and Europe, working with the Corps of Engineers and the U.S. Air Force.

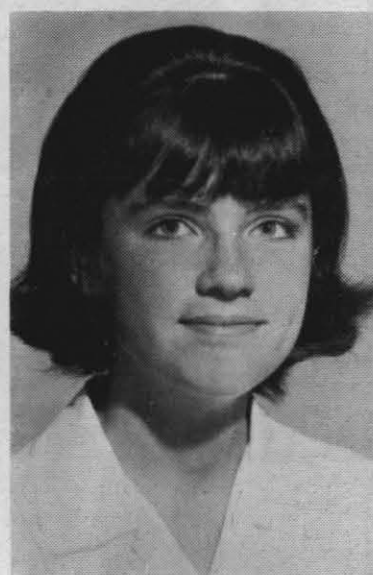
Born in Milwaukee, Wisconsin, he left there in a blinding snowstorm in 1957, came through a Chicago blizzard to



EMIL V. WIMMER

the green valleys of the San Fernando and decided "this is the place."

Aside from his world-wide travels, Emil, his wife Evelyn, and daughters Suzy and Patti, (now 18 and 14 years respectively) enjoyed a three-months tour of Europe in 1961.



ROSEMARY MASTERSON

Frank Masterson, Electronic Technician in P8023, has a young genius on his hands. Daughter Rosemary, 17, has recently been awarded a scholarship to Pomona College from the California State Scholarship Commission.

She plans a career of teaching Political Science and History.

CSSC Scholarship Awarded To Frank Masterson's Daughter

ing Political Science and History.

This climaxes an ambitious four years at St. Andrews High School in Pasadena. Throughout her high school years, Rosemary has been on the receiving end of awards of some sort or another.

She isn't particular as to categories. She has taken honors in everything from mathematics to science, foreign languages, basketball and volleyball, to name but a few.

She was Student Body Parliamentarian, a member of the Sodality Council, Student Council, Science Club, Pep Club and the Choral Group.

Some of the awards to her credit have been for Occidental College Mathematics Field Day, Feb. 1966; Certificate of completion, Summer Science

Training Program, California; Museum of Science and Industry, July and August 1964; Voice of Democracy - Veterans of Foreign Wars, 1965 and 1966; Alpha Mu Gamma Foreign Language Oratory Contest at USC, April 1964 and May 1965.

Additional awards have included the Certificate of Educational Development - National Educational Development Tests, Dec. 1963; The Association for promotion of study in Latin, Honorable Merit; Time Education Program-Certificate of Excellence-30th Annual Current Affairs contest; 3 awards for basketball and 1 award for volleyball.

Frank, his wife Rita, son Mark, 15, and daughter Nora, 13, are more than a little proud of daughter and sister, Rosemary.

Chief Salas Plans On A Navy Career

Having entered the U.S. Navy in 1942 and recently reenlisting for another four years, Chief Frank A. Salas thinks he'll make a career of the Navy.

Chief Salas came to NOTS in August, 1965, serving as Petty Officer in Charge of NOTS YFU-53. During his naval career he has been assigned duty on numerous ships of the Pacific Fleet, among them the USS Bremerton (CA-130) and the USS Pritchett (DD-561).

Chief Salas, his wife and their seven children make their home in Fullerton.

Simard Retires To Fleet Reserve And Plans To Be Australia Bound

After twenty years of faithful service, Joseph A. Simard, Jr., EN2, is retiring to the Fleet Reserve.

Simard came to NOTS from the USS Grasp (ARS24) in Pearl Harbor. During his tour with the station he served as Chief Engineer aboard the RV-1, NOTS tug. For outstanding performance of his duties, he received a commendation from Capt. Lowe, Officer in Charge, NOTS Pasadena. He also received an informal "well done" for his work in connection with the Acapulco, Mexico, Tuna Fleet.

Simard entered the Navy in

1944 and received his first assignment to the 50th Naval Construction Battalion, Trinian, Aleutian Islands, followed by a five-year tour of duty with the Destroyer Force on the East Coast. During the latter period, he served aboard the USS Benner (DD 807), a mon g others.

Presently residing in Long Beach, Simard, his wife, Elizabeth and son, "Joey," plan to retire in Brisbane, Queensland, Australia. He hopes all his fine friends and associates at NOTS will drop in on them when they are settled "down under."



JOSEPH A. SIMARD, JR., EN2, receives a farewell handshake from Lt. W. R. Watkins, Long Beach Sea Range Officer. Simard is retiring to the Fleet Reserve after 20 years of naval service.

Lt. Wallace Gives Tips On Station Lawn Care

By LT. R. J. WALLACE
Public Works Department

Are you cutting your grass more and enjoying it less? Then here are a few guidelines to fertilizing, watering, and mowing your lawn. You, your lawn, and the Station, can benefit by bending your ear to these tips.

Fertilizing

For maximum beautification of your lawn, the following guidelines should be followed in the application of fertilizer:

Lawn With Few Small Trees
Apply fertilizer in the spring and fall.

Lawn With Large Trees
Apply fertilizer in the spring, summer, fall, and winter.

This will insure a rather healthy lawn all year for the average home. Liquid fertilizing is done by the Public Works Department in the Spring and Fall on the front lawns. This fertilizing is a "booster shot" to your own fertilizing program.

Watering

For a well established lawn, approximate watering inter-

vals are as follows:

Lawn With Few Small Trees
March thru May 6 days
June thru Aug. 4 days
Sept. thru Nov. 6 days
Dec. thru Feb. 14 days

Lawn With Large Trees
March thru May 3 days
June thru Aug. 2 days
Sept. thru Nov. 3 days
Dec. thru Feb. 7 days

Your lawn should be watered on the day of watering for 20 minutes in the morning or late afternoon. Watering in the late evening will contribute to the growth of algae or fungus in your lawn. Following this procedure, your lawn will receive sufficient moisture to support a beautiful lawn.

Mowing

Proper mowing is just as important as fertilization and watering. The grass should be cut to a minimum height of two inches. Closer mowing prevents development of a deep, strong root system which causes the grass to be more susceptible to drought injury and makes it necessary to water more. Some grass clippings should be left to provide mulch and organic matter.

'Yard Beautiful' Contest

(Continued from Page 2)
sued to runner-ups.

Entries for the "Yard Beautiful" contest will be judged on Monday, May 16, by members of the Oasis Garden Club.

It is proposed that this year's clean-up campaign will initiate a continuing clean-up and community program. The Public Works Department is contributing by providing assistance through a continual pick-up service.

Trash Pick-up

Trash pick-up will be made on a telephoned need basis. These pick-ups are not for garbage and burnable items, but for excess trash which cannot be handled in the normal pick-ups.

The trash should be marked with a red flag. Telephone calls should be made Monday through Friday before noon during the period of April 30 through May 7 to Ext. 7177. The trash will then be picked up Saturday.

Saturday Pick-Ups

For the Saturday pick-ups, Public Works Officer Capt. H. J. Hartman, will have men and trucks available to pick-up and haul away the junk and trash. LCdr. Russell C. Myers Jr., Asst. Public Works Officer, is in charge of the project with Jim Greenfield supervising the operation.

Lloyd Smith, chairman of the Housing and Community Improvement Committee, is representing the Council on the operation.

To aid in the campaign fill

YARD BEAUTIFUL CONTEST — APRIL 30 - MAY 13
COMMUNITY COUNCIL, P. O. Box 5443, China Lake, Calif.

Name of Resident

Address

Telephone Number

Person Submitting Entry

'Mark-1 Eyeball' Studied by Trio In AOD at NAF

(Continued from Page 1)

about five years old.

"Many of the weapons and weapon systems developed at NOTS are delivered from aircraft against ground targets," he points out. "In many cases, the pilot must first see the target on the ground before he can start his weapon delivery run."

"Although the pilot's ability to search for and locate the target has a direct effect upon the outcome of the mission, not much is known about the actual process of searching for targets," he adds.

In 1961, Erickson, of AOD's Analysis Branch, was asked to check on the maximum visual acquisition range of targets. The results were to be used in the design of a weapon delivery system.

"And I'm still at it," he says.

"If we know more about the searching process," he points out, "we may be able to specially train or select pilots for air-to-ground search. We'll also know more about man's ability to locate targets and be able to better design the systems he has to operate."

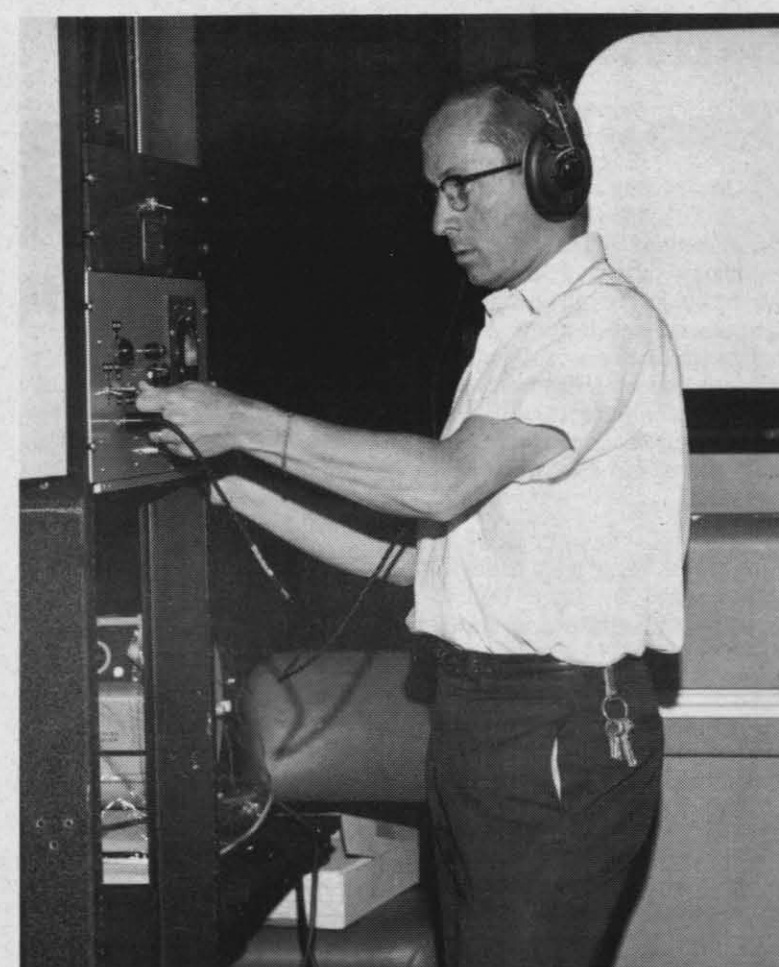
The present phase of the Joint Task Force 2 field tests is to begin in Albuquerque, New Mexico in May, and continue with collection of data at English Air Force Base near Alexandria, Louisiana, during the balance of June and into September.

Erickson's 22-foot testing trailer will be parked at the test site in Albuquerque and later in Louisiana. Over 300 pilots are to fly at low altitude across the terrain, identifying various military-type targets, in this field test. The same pilots will be tested in the test trailer.

"We hope to correlate data produced in the trailer with data from the field tests to find out how well what we're doing in the lab corresponds with the real, operational world," Erickson explains.

A review of available literature and a summary of existing data began Erickson's study in 1961. It was followed by theoretical analyses, then moved into actual experimentation.

The series of experiments have studied foveal and peripheral acuity (amount of detail that can be seen off the point of fixation), the problem of searching for moving targets, that of searching for targets in the sort of "noisy" display one sees on "snow" filled TV screen, eye dominance



CHECKING CIRCUITS FOR TESTING — Erickson checks aural-motor response testing circuitry in special trailer. Dual-purpose unit will gather data on visual-motor responses (using slide projections) and aural-motor responses (using recorder and earphones).



NOT HOME, BUT WORKSHOP—Gleaming exterior of Ron Erickson's special trailer conceals flat black decor inside. In controlled light conditions, pilots will be tested for visual and aural responses as part of test series by Joint Task Force Two of Joint Chiefs of Staff, starting next month in Albuquerque. Results will be correlated with actual flight test data.

(which eye is preferred in searching), and visual-motor response time, as well as other variables.

"In these experiments," Erickson says, "I got directly into human factors research. I consulted with three psychologists on the Station — my wife, Clara, and Drs. Frank Friedlander and Bob Stephenson — to get started in learning psychometric statistics and experimental design." He adds that

they also have reviewed papers he has published in the Journal of the Optical Society of America and the Journal of the Human Factors Society.

"Human Factors research is heavily dependent upon the availability of observers," Erickson says, "and we've been fortunate in having the cooperation of NOTS personnel, Navy pilots, and most recently, students from Burroughs High School in Ridgecrest."

Gem Society to Meet At New Address Mon.

The next meeting of Indian Wells Gem and Mineral Society will be Monday, April 25, at 7:30 p.m. in their new quarters located at Langley and Rowe Streets.

Slides will be shown by members Elmer and Elsie Hetrick of some past field trips. Fine wildflower shots are included in the program planned by the Hetricks.

Vet's Exemption Closing Date May 2

Closing date for filing for veteran's exemptions is May 2. Mack Thompson, Kern County Deputy Tax Assessor representative will be in Ridgecrest at the County Building to accept exemptions or to discuss requirements on the following dates:

Wednesday, April 27, 10 a.m. to 5 p.m.; Thursday, April 28, 8 a.m. to 3 p.m.; Monday, May 2, 8 a.m. to 5 p.m.

There will be no extensions for filing of veterans exemp-

tions, they must be filed before 5 p.m. on May 2.

Of the 18,000 exemption forms mailed 11,551 have been returned to-date.

To qualify, a veteran must have been enlisted from California, or have been a resident of California prior to November 3, 1964.

In addition a veteran may receive the exemption if his assets do not exceed \$5,000 if single or \$10,000 if married.



REENLISTING FOR four years, Chief Frank A. Salas, NOTS Long Beach Sea Range, receives a congratulatory handshake from Lt. L. J. Tritz, Sea Operations Officer, as Chief L. J. Mcgee looks on. Chief Salas reported to NOTS in Aug. 1965.

CHAPLAIN'S MESSAGE

The No. 1 Virtue

By CHAPLAIN MARK L. TOLAND



The story is told of a poor old man who lay sick in his bare and tumbledown shanty. There came a doctor who gave the sick man several tests and then knowingly declared that he was suffering from lack of food and exposure to all kinds of weather.

Then came a learned professor who discoursed to the sick man on the nature of nutrition. He described how the constant waste of the tissues of the body required a constant new supply of food.

Then came a man with a tender heart who was so affected by the mere sight of the suffering old gentleman that he shuddered and wept as he learned the story of his poverty and sickness. He had to leave with his handkerchief held to his streaming eyes, and could not enjoy his evening meal or his comfortable fire for thinking of the poor creature who had neither food nor fire.

Following him came a man who was filled with anger and indignation at the pitiable sight who declared loudly that this was a blot on our civilization and that there should be a law against it of some sort.

At last came a man who made no profession of wisdom, who did not weep or shout, a man who was poor in this world's goods but rich in charity. He hurried home and brought half of the one loaf of bread he owned. He rolled up his sleeves and with some rough boards patched the roof and the walls.

He watched beside and waited upon the sick man every moment he could spare and the sick man got well - not by knowledge, not by tears, not by laws—but by charity.

St. Paul tells us Charity is the greatest of all the virtues and if we have true charity we will also possess all the other virtues.

Blood Donors Praised; Stress Need for More

Secretary of Defense Robert S. McNamara praised college students and other Americans who have donated blood for servicemen in the Republic of Vietnam and stressed the need for more donations.

He said the Red Cross has collected more than 56,000 units of whole blood, 39,000 units coming from college students, calling it an "outstanding record."

The Secretary added that a vital need still exists for the blood components gamma globulin and serum albumin. The Red Cross has been breaking the whole blood down to those components.

DOD has asked for a least 80,000 units by June 30. The increased number of servicemen in the RVN has reduced the existing stockpile.



Safety-WISE by
SAFETY DEPARTMENT

Query for drivers: When does a watch give you more time for safety?

Answer: When you watch the area ahead of the vehicle ahead of the vehicle ahead of you.

The Rocketeer

Official Weekly Publication
of the
U. S. Naval Ordnance Test Station
China Lake, California

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Station Commander

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Public Affairs Officer

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Dennis Smith, PH3; Jerry Willey, PHAN;
and Ralph Robey, PH2 (Pasadena).

DEADLINES:
News Stories.....Tuesday, 4:30 p.m.
Photographs.....Tuesday, 11:30 a.m.

The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-3, revised July 1958. Office at 50 King St., Bldg. 00929. Phones.....71354, 71655, 72082



DIVINE SERVICES

Christian Science (Chapel Annex)—
Morning Service—11 a.m.
Sunday School—9:30 a.m.

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

Roman Catholic (All Faith Chapel)—
Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday.
6 a.m., Monday through Friday; 8:30 a.m., Saturday.

Confessions—8 to 8:25 a.m., 6 to 8:30 p.m., Saturday, Thursday before First Friday, 4 to 5:30 p.m.

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

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

Unitarian Fellowship (Chapel Annex No. 95, 85 King Ave.)

Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. (Chapel Annexes Nos. 1 and 2.)

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.

Engineering Draftsman (Electrical) GS-818-6, Code 7035, PD No. 170043Am1—The incumbent of this position is an electrical draftsman in the Electrical Branch, Engineering Division, Public Works Department. As an electrical draftsman, the incumbent prepares plans for use in construction, repair and maintenance of electrical facilities. He also performs technical duties required in the functioning of the Branch. The incumbent must have had experience working in the field of electrical technology. Such experience must be broad in the application of electric power, distribution and utilization. He must be aware of function, economy and maximum efficiency of operation, maintenance, future expansion, meeting deadline dates, etc.

File applications with Dora Childers, Rm. 32, Code 657, Phone 71395.
Administrative Assistant, GS-9 or 11, Code 55071, PD No. 655033—Incumbent serves as administrative assistant to the Sidewinder Systems Manager in the Engineering Department. Duties include program planning, administrative follow-up and control of work assigned to line project engineers, analysis of weekly expenditures, budgetary and resource planning, reporting and other general administrative duties as these functions apply to the Sidewinder JA and C (IRAH). Qualifications can be either a liberal arts graduate with a BA or BS degree, preferably in business administration, and a minimum of three years experience, or a non-graduate with a minimum of six years experience as an administrative assistant.

Clerk-Typist, GS-4, Code 5525, PD No. 055039—Incumbent is Branch Secretary in the Systems Electronic Design Branch. Performs duties of receptionist to visitors and incoming telephone calls, responsible for preparation and editing of correspondence submitted by personnel of the branch, and performs secretarial duties such as arranging conferences and meetings for the Branch Head.

File applications for above with Loretta Dudley, Bldg. 34, Rm. 34, Phone 71471.
Model Maker (Metal Components), JD No. 206-1, WB-12 (\$3.51 to \$3.89 per hour)—Propulsion Development Department, Facilities Branch, Code 4553. Makes experimental ordnance parts and associated tools and fixtures. Will be expected to contribute to the design of components and to determine fabrication techniques and appropriate tolerances.

File applications for above with Evelyn Moors, Bldg. 34, Rm. 26, Phone 71648.
Warehouseman, (three vacancies), WB-05 (\$2.79 to \$3.03 per hour) Code 259—Performs a number of tasks in connection with the physical receipt, storage, or issue of supplies. Receives, checks, issues, counts, and assembles supplies of all kinds in accordance with established supply systems, procedures and methods.

Stockman, WB-06 (\$2.91 to \$3.15 per hour), Code 259—Receives, checks, issues, counts, and assembles supplies of all kinds in accordance with established procedures and methods.

Physical Science Technician (Physics), GS-11, Code 5008—Position is that of research test conductor for the Aerothermochemistry Group of the Research Department. Incumbent designs and fabricates special research motors and the required nozzles, supervises the mixing of the propellants, sets the criteria for machining the cast propellant, sets up the actual conditions for firing the motors, etc. Incumbent also is responsible for supervising two test mechanics, ordering supplies, and arranging for the use of special facilities.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, phone 72218.
Supervisory Messenger, GS-302-3, Code 8514—The incumbent is Supervisor of the employees who perform the work required in connection with the Station's official and intra-departmental mail system. One year's experience in general clerical or messenger work with at least three months' supervisory experience over at least three employees. Completion of four year high school can be substituted for six months' experience.

Messenger, GS-302-2 (3 Vac.), Code 8514—Establishes and maintains the basic master control ledgers covering the Station's fund resources and expenditures. Two year's general experience in ledgers, accounts, payroll, etc., duties, plus one year specialized experience in application of general accepted double entry bookkeeping or accounts principles, analyzing, etc.

Accounting Technician, GS-525-5 (1 Vac.), Code 1761—Establishes and maintains the basic master control ledgers covering the Station's fund resources and expenditures. Two year's general experience in ledgers, accounts, payroll, etc., duties, plus one year specialized experience in application of general accepted double entry bookkeeping or accounts principles, analyzing, etc.

Accounting Maintenance Clerk, GS-520-4 (3 Vac.), Code 1761—Controls accounts of procurement transactions and prepares accounting data for subsequent posting to Station's official account ledgers. One year's general experience in ledger accounts, payroll, etc., plus one year specialized experience.

Station Commander

ANNOUNCES

Public Schools Week

APRIL 25 - 28



As Commander of the U. S. Naval Ordnance Test Station, I encourage all residents of the Indian Wells Valley to support the annual Public Schools Week Observance during the week of April 25 through April 29, 1966.

From the very beginning of our great country, thinking people of America have been aware of the importance of free public education. Our locally administered free public schools have been most vital factors in the continual development of these United States. Without a population able to read, write, figure and evaluate and who have a basic knowledge and understanding of our principles of government, our freedom of speech and freedom of the press would be valueless and the freedom to vote in a free election would have no meaning.

Since 1919 the public of the State of California has participated in this observance sponsored by local Masonic lodges by visiting the public schools during Public Schools Week Observance.

I urge you to lend your support to Public Schools Week. The public schools are an integral part of our American way of life and they give every person an equal chance of education regardless of color, creed, religion, sex or financial standing. As mankind progresses, an education becomes more and more essential in order to communicate and to earn a living.

J. I. HARDY
Captain, USN
Commander.

Multi-skilled Inspector Is NAF's 'Bluejacket'

(Continued from Page 1)

himself a new world of professional opportunity in a fast-moving and demanding field.

As NOTS' 'Bluejacket of the Month' for April, Stanford and his family will be hosted by the Greater Bakersfield Chamber of Commerce for a weekend on the town when he arrives there this afternoon. He'll pick up a new car for his stay at Haberfelde Ford Agency, then drive to his room at the Royale Palms Motor Hotel, where a member of the Chamber's Armed Forces Liaison Committee will meet him.

His visit to Bakersfield will include a hospitality packet with gift certificates from the city's merchants and coverage on the 5:30 p.m. news program of Channel 17, and other stations.

"My duty here at China Lake has been quite an experience and very pleasant," Jim explains, "but this honor is something I had no idea I would get—there are so many others who might have been chosen!"

Clean-Up Campaign And 'Yard Beautiful' Contest Slated to Start April 30

Once again the China Lake Community Council is sponsoring a general clean-up campaign. This year's campaign is designed as a booster for a continual clean-up and community improvement program.

The Housing and Community Improvements Committee of the Council is directing the program.

The clean-up campaign will begin on April 30 with pick-up of debris by Public Works and reach its climax on May 20 when winners of the "Yard Beautiful" contest are announced.

The Council and the Oasis Garden Club are co-sponsoring the contest. Awards and recognition citations will be presented to the winners. The Garden Club will contribute a series of articles on garden and lawn tips and proper plants for the area.

A \$10 grand prize gift certificate will be awarded for the first place winner and eight \$5 gift certificates will be issued.

(Continued on Page 3)

COMPETITIVE EXAMS
The Board of U.S. Civil Service Examiners, Eleventh Naval District, announces examinations to establish registers for the following to fill vacancies as they occur at the U.S. Naval Ordnance Test Station, China Lake, Calif.:
Machinist, Announcement No. SF-20-40 (66).
Machinist Maintenance, Announcement No. SF-20-41 (66).

The registers established as a result of these announcements will cancel and supersede the previous registers. A Standard Form 57 should be filed with the Civil Service Representative, U.S. Naval Ordnance Test Station, China Lake, Calif. Applications will be accepted from the issue date of April 26, 1966, until further notice.

BOWLING NEWS

By CURTIS HAMILTON
NOTS Ext. 725181

PREMIER LEAGUE

In the last night of league play, Benny Whiteside of Desert Playhouse rolled a 242 game to spark them to a 928-913-905 for a 2746 and high team series. Gerry Thalken picked up high individual series with a 603, consisting of 188-232-183. The CPO Club grabbed high team game with a 947.

Laura Scudders came out on top of the league and also rolled a high league series of 967-959-971 for 2897. Six games back was the second place Starlite, who had a second high series of 2817. Mercury Movers grabbed high team game with a 1023 followed by the CPO Club with a 1001.

High individual series went to Joe Kokosinski with 668, followed by Tom Short, 658 and Earl Roby, 653. Special mention goes to J. Peck and E. Roby, who each had 5 series over 600. Seven people pounded out a 250 game. In the lead was Fred Dalpiaz with 264 followed by G. Tahken, 259; J. Kokosinski, 258; T. Short, 256; B. Whiteside, 254; W. King, 254, and E. Roby, 251.

High average for the season went to Earl Roby for his 193 average in 84 games of league play. Most improved average went to Rolund Valitchka, from 160 to a final of 178.

My appreciation goes to the league secretary, Ev Yelland, for the information he turned in this season.

24 CLUB — WOMAN'S SCRATCH

Another league has ended and Cornelius Shoe Store won by three games. Second place went to the Jelly Rolls and third to the Unpredictables.

For the night, the Unpredictables captured honors by rolling a 681 high game, followed by a 1942 for high series. Lil Galovic snagged high individual game with a 192, not far behind was Ruth Hinson who had a 189. Neola Crimmins grabbed high series with 176-167-170 for 513.

My appreciation also goes to Marie Peck, the league secretary, for the information she turned in to make this column possible.

MIDWAY LEAGUE

The Playboys and the CPO's are still tied for first place, this is the second week. Chill-ers are but 4½ games behind for third place.

In last week's bowling the CPO Club took high team game with a 938, while the Pincrackers are but 4½ games behind a 2541. Charles Newmyer grabbed honors for a high individual game of 226, and James Cooke got a 584 for high individual series.

Station Swim Pool Closed This Saturday

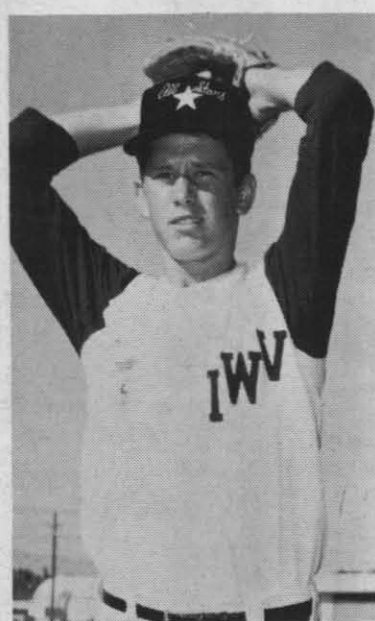
The Station Swimming Pool will be closed to Station personnel this Saturday to accommodate the more than 400 Girl Scouts here for an encampment this weekend, announces Lt. D. W. DePiero, Special Services Officer.

Hey Kids! Pony - Colt League Sign - up Sat.

Hey kids! It's spring and time for baseball and Pony-Colt League registration. Registration for both Pony and Colt League players will be held tomorrow, April 23, from 10 a.m. to noon at the Pony League diamond on Halsey Ave. opposite Kelly Field.

Registration for Ridgcrest Pony and Colt leaguers will be held at the Ridgcrest Park.

There will be a registration fee of \$5 for each participant. This fee will be due and pay-



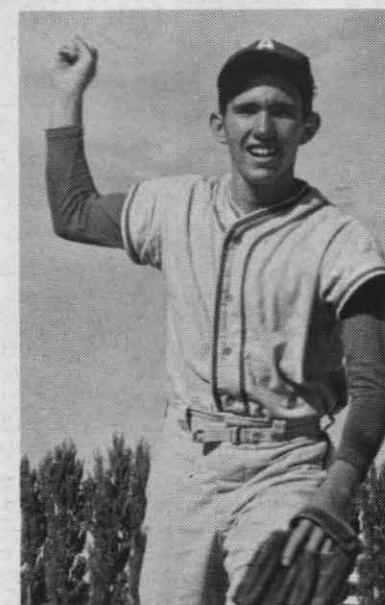
MARK SMITH
... 1965 Pony twirler

boys 13 and 14 years of age. Rules stipulate that any boy born on or between Aug. 1, 1951 and July 31, 1953 is eligible to play.

Colt League Ages
The Colt League is open to boys 15 and 16 years of age. Rules state that any boy born on or between Aug. 1, 1949 and July 31, 1951 is eligible.

"We are sorry, but girls are not eligible to play," states president Bill Bessee, "but we urge them to come out and cheer for their favorite teams."

Parents or any other persons who want to assist in any capacity in this year's Pony-Colt League program are urged to contact League president, Bill Bessee, Ext. 77313.



BOBBY BROWN
... 1965 Colt twirler

able upon registration. Registration forms have been distributed to all schools and will be available at the registration sites.

Pony League Ages
The Pony League is open to

Burros Tromp Quartz Hill, 17-2; Defeat Palmdale Nine by 3-1

BY MIKE TAYLOR

The Burros sluggers had a very successful weekend as they won both of their games. They downed Quartz Hill High School, 17 to 2, on Friday at Schoeffel Field and Palmdale High School, 3 to 1, on Saturday at Palmdale.

Quartz Hill Falls

The Rebels of Quartz Hill were first to bat in the Friday afternoon Game at Schoeffel Field and were retired in order by the Burros nine.

Neither team scored in the first inning, but BHS collected two runs on two hits in the top of the second with the Rebels getting two runs in the bottom of the third to tie it up.

The Burros were retired in order in both the third and fourth innings but rallied in the fifth collecting 14 runs on 9 hits.

Fifth Inning Debacle

Jim Keosky, leadoff man for Burros, flew out to the right fielder. Martin, Brown and Franich followed with singles while Spurgeon was walked by Quartz Hill's first relief pitcher, Gilfirst, advancing Barney Franich to third. Albert Hyles hit a single bringing in Franich. John Manger tripled, scoring two more runs to give Burros a five run advantage.

Jim Goforth, next to the plate, walked and Mike Machowsky singled bringing up Keosky, the leadoff man, with only one out. He was walked by Quartz Hill's second relief

pitcher, Garcia. Still in the fifth inning, Duke Martin sacrificed to first bringing in another run. This brought Bobby Brown, BHS pitcher, to bat, who got to first on an error by the pitcher.

Barney Franich followed Brown with his second single of the inning and Spurgeon got to first for his second time in the fifth. Hyles singled bringing Franich home.

John Manger followed with an in-the-park homer to score the 14th run of the inning before Stoner, who replaced Goforth at short stop, went down swinging for the third out.

Quartz Hill was unable to score during the rest of the game though BHS got another run in the top of the sixth to give them a smashing 17 to 2 victory.

Palmdale Downed 3-1

The Falcons of Palmdale were unable to get going as the Burros took their second game 3 to 1.

The Burros were the first to score as they got one run on a hit in the third inning as Machowsky scored after being walked and advanced to third on a single by Stan Spurgeon.

Palmdale scored their lone run in the sixth and Burros also got their other two runs in the sixth as Manger and Franich were both able to score.

Neither team was able to do anything in the seventh and the game ended with Burros victorious 3 to 1.