

Modern Refueling Installation Expedites Operations at NAF

Another progressive advance at the Naval Ordnance Test Station was manifested two weeks ago when an underground bulk storage tank for lube oil was put into operation on September 30 at the Naval Air Facility fuel farm.

Before the installation, fuel for reciprocating engine planes at NAF was delivered in drums by private



OLD METHOD—A fork lift hoists the oil drum in position over a funnel in the aviation lube refueler. Oil spilled over and drums could not be completely drained causing waste, oil contamination, and extensive cleanup work for the Public Works Department.

truck lines to Warehouse 10, unloaded manually and reloaded on Navy vehicles and transported to the air field.

It then took two men and one fork lift operator two hours to unload the 65 drums and stack them for storage. Additional hours of hazardous work were necessary to empty the drums into the aviation lube refueler. Moreover, the old method exposed the oil to contamination, waste, and the oil packaged in drums cost more than oil delivered in bulk.

The new method permits the vendor's tank truck to drive up to the 4,000 gallon underground storage tank and requires only one man one hour to connect the hose and check the entire transfer of oil directly in the storage tank, the same procedure used in servicing modern gas filling stations.

Oil is then issued to the aviation lube refueler through an overhead fill pipe with necessary pumping and filtering equipment. The new

Telephone Directory Data Cards Go Out With Checks Today

A new Station Directory has been scheduled for publication and issue on or about January 1, 1959. Directory information cards are being distributed today with pay checks to civil service employees. Military personnel will receive theirs on October 31, and support activities on October 27 by special distribution.

The responsibility for accurate and immediate completion of this card rests with each employee, civilian and military, to ensure inclusion of name and current information in the new directory.

It is essential that all civilian personnel complete both sides of the information cards to ensure appropriate and prompt Station action in the event emergency notifications become necessary. Since emergency addresses are available within each military command, military personnel will not be required to complete the reverse side of the information card.

Each person should complete his card and return it to his supervisor within two working days of its receipt.

Commander's Trophy League Standings

Team	Won	Lost
VX-5	4	0
NOTS	7	1
NAF	3	1
GMU-25	4	4
Marine Barracks	4	5
GMU-61	2	6
MCMGTU	1	7

Weapons Meet...

(Continued from Page 1)

"And it isn't atom or hydrogen bombs or even rockets to the moon that have quieted my brink-of-war, jangled nerves. A little old Sidewinder, zooming through the air, faster than the speed of sound and more certain than the income tax collector has tipped the balance of power to the United States.

"Any nation with the capacity to blow a 6-inch target speeding along at 1200 miles an hour, out of the air with a missile fired from a plane two miles distant, is a force which should command awesome respect. We are the nation, we have the weapon.

"It's the greatest destructive air-to-air weapon known to warfare and it's all ours.

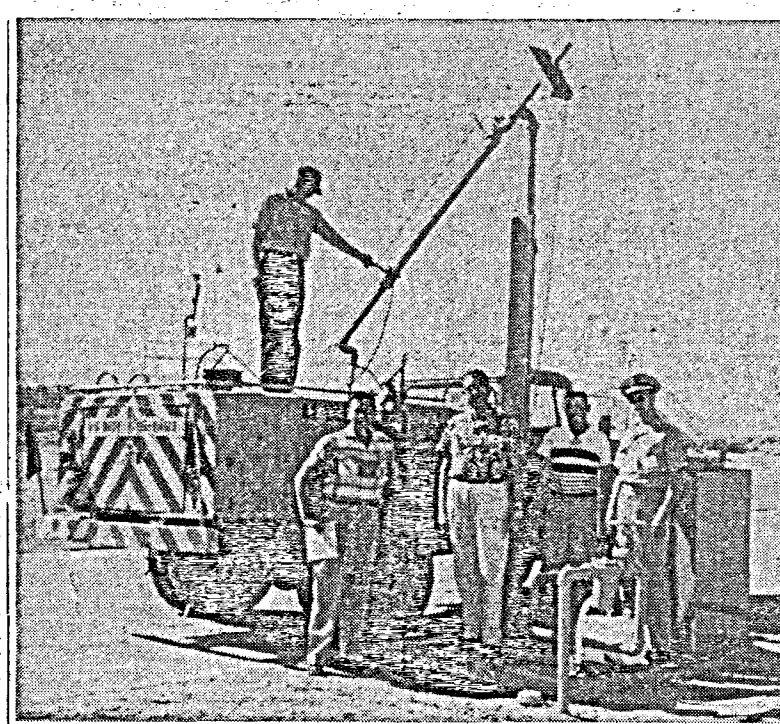
"Its infra-red heat seeking element is so accurate and effective from any distance, changing course in flight to seek out the target, that I actually chucked my cigar lest the Sidewinder follow the smoke into the press stand.

"It's a great weapon in our hands. No more will fighter pilots find it necessary to fly anywhere from 10 to 100 missions to achieve the rank of 'Ace' with five kills. One mission carrying five Sidewinders will give us an air force of 'Aces'."

Station personnel attending the show Friday saw, in addition to the starring Sidewinder, a F-100 Super-sabre launched from a mobile truck, demonstrating how tactical fighters can operate without runways, if runways are destroyed by bombing. Capt. Robert Titus of Edwards



NEW METHOD—Clean aviation lube is transferred from storage tank through fill pipe into refueler, eliminating waste, saving manpower, and insuring quality of product against contamination. Supply Department personnel inspecting new operation (l. to r.) are: W. D. Giano, Noel Lynn, Bill Mitchell, and Captain C. K. Phillips, Director of Supply.



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The Outlook

By Ens. Bruce Mudge

The NAF football team scored its third straight victory by downing the Marine Guided Missile Unit's team by a score of 6 to 0. In the second quarter Bob Olson passed to Vernon McDonald to put NAF down into scoring position. Two plays later Cooper Croft carried the ball across for a touchdown. The extra point try was blocked.

During the second half the Marines concentrated on a ground attack. The NAF line held despite the hard running of the Marine backs, a tribute to the excellent coaching of Chief Bloom and his assistants. NAF later caught the Marine's ball carrier behind the line of scrimmage to put the game on ice.

Previous games, although not as close, have been equally exciting. Probably the most jubilent victory for NAF was their 36-0 win over their adjacent hangar neighbors, Marine Barracks 4.

VX-5. NAF got off to a good start by defeating the Marine Barracks 19-0 in the opening game of Intra-

Established to provide a meeting place for high school girls, to cultivate their interests and to promote a sense of responsibility, the Girls League of Burroughs High recently held its first meeting.

Dolores Burke, former League vice-president, introduced the new officers and teacher sponsors of the organization. Carolyn Ridpath, last year's delegate to the United Nations, discussed her New York trip. Representative to Girls' State, Donna Ward, told of her week-long stay in Sacramento, and Lynn Elder, foreign exchange student, spoke about Sweden.

Elected as class representatives of the League were: Beverly Fallis, senior; Diane Montegrand, junior; Sharon Joekisch, sophomore and Vikki Westfall, freshman.

mural League play, which may have given them the confidence to carry through to three wins.

Spectator attendance has been excellent at the games with each crew supporting their teams well. Playing tackle-ball this year has brought a much greater interest in the game.

In the final game of round robin play, NAF will face a team combined from NOTS, GMU-61, and GMU-25 personnel. After this an "All Navy" team will play an "All Marine" team to prove which are the better "pigskin trotters," the "Whitehats" or the "Leathernecks,"

AFB, piloted the plane. In another special event the "Buddy" refueling of two F-100 jets demonstrated how the range of aircraft can be extended with refueling lines at high speeds and altitudes.

Many witnessed the first delivery of a new version of the F-104 fighter plane by the Lockheed Aircraft Corp. to Gen. O. P. Weyland, Air Force Tactical Air Commander, during the meet.

Personnel also witnessed the precision flying of the famed Air Force's Thunderbirds, based at the Nellis AFB.

Gratifying to old and young alike was the flight of the 1913 vintage Curtis pusher and the aerial dog fight between a Nieuport and a Fokker.

LCdr. Charles R. Bishop, NOTS Air-to-Air Missile Officer, a six-time observer at USAF weapons meets held at Nellis since the first one was staged in 1949, is of the opinion that weapons meet programs should be spread to include jet teams from Navy and Marine fleet squadrons.

"Such meets," he said, "develop new ideas—provide incentive for ground and air crews—and new delivery techniques cannot only be tried but improved."

Spend Wisely—the United Fund Way

Your contribution to the United Fund is a contribution to yourself. Help these agencies which stand ready to help you in time of need.

Desert Area Family Service

Through warm human counsel, backed by professionally trained competence, families and individuals are helped to find the way out of trouble, unhappiness and discouragement. Operating for this area, all funds are supplied by the United Fund. This year's need—\$8,715.

Desert Area Emergency Relief

From this group, all of whose workers are unpaid volunteers, emergency hardship cases are given assistance until county or other aid can be obtained. This year's need—\$1,070.

Rand District Cemetery

Established by an association of Rand District families, it was made available to Ridgecrest, China Lake and Inyokern in 1944, until facilities for this area were set up. A small portion of United Fund money is used to provide part of the maintenance costs for this only cemetery in the area. This year's need—\$215.

IWW Recreation Council

Major costs are supplied by Kern County, but the costs of expendable materials used in the swimming, handicraft, music and various other programs must be supplied by the community. This year's need—\$2,935.

Boy Scouts of America

To build men from boys is the aim of the Boy Scout organization. The Scouts, themselves, supply much of their funds by money-raising activities, but the community must defray expenses through the United Fund for council management and professional training for the volunteer adult leaders. This year's need—\$6,520.

Girl Scouts of America

To aid in building a better tomorrow, the Girl Scout organization teaches the privileges and duties of citizenship and helps to build character of school-age girls. Parents support, cookie and calendar sales by the girls supply funds for their activities, but their council management and adult leader training must be undertaken by the community through United Fund. This year's need—\$5,550.

United Service Organization

The USO helps to meet welfare needs of servicemen on the Station. This year's need—\$480.

American Red Cross

Red Cross funds supplied by the United Fund pays for swimming training for youngsters, the home nursing and first aid courses given periodically, as well as helping those struck by disasters. This year's need—\$6,415.

Salvation Army

Help, where help is needed, is administered locally by the Station Chaplain. This year's need—\$1,600.

Do unto others as you would have them do unto you. Your gift to the United Fund makes possible worthy community projects and helps those less fortunate than you.



FAREWELL SMILES—Capt. and Mrs. Gale H. Carrithers' smiles indicate that their 3-year tour of duty at NOTS was a pleasant one. The Public Works sponsored "Farewell and Welcome Aboard" dinner for the departing Carrithers and the arriving Capt. and Mrs. Thomas J. Dumont was attended by more than 200 China Lake and Pasadena employees last Friday.

School Notes

Scholarships

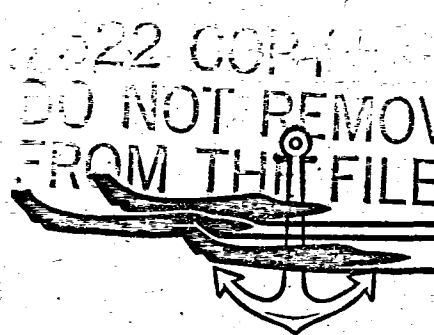
College scholarships, ranging from \$200 to \$2,000 are available to Burroughs senior students under the National Scholarship Plan of a large corporation. Information may be obtained from Georgia Zernickow in Kenneth Westcott's office.

Homecoming

Homecoming activity will begin Saturday, November 8, with coronation of the queen on Kelly Field followed by the Burroughs-Barstow "A" football game at 2 p.m.

Burroughs alumni wishing to attend the banquet and dance held in their honor may contact Barbara Crutcher, 73912, after 5 p.m. each day, and during weekends or Joyce Lloyd, Ridgecrest 85632.

"Such meets," he said, "develop new ideas—provide incentive for ground and air crews—and new delivery techniques cannot only be tried but improved."



ROCKETEER



Your United Fund Drive Opens Monday



QUIZZED ON SIDEWINDER—Station Commander Capt. W. W. Hollister and Station Technical Director Dr. Wm. B. McLean are interviewed by Las Vegas Sun reporter Ed Reid during the Air Force's World-Wide Fighter Weapons Meet at Nellis Air Force Base last Friday. Reid was impressed by the fantastic accuracy and destructive power of Sidewinder.

Sidewinder Stars in Air Force's First Supersonic Weapons Meet at Nellis AFB

All eyes of some 4,000 who attended daily the week long Air Force's World-Wide Fighter Weapons Meet at Nellis Air Force Base were focused on the NOTS developed Sidewinder air-to-air missile, designated as "GAR-3" as it scored eight kills in nine firings.

Spectators, newsmen, and magazine writers representing such publications as the Baltimore Sun, N. Y. Herald Tribune, N. Y. World Telegram and Sun, the wire services—United Press-International and Associated Press, Hearst Headline Syndicate, King Features, American Aviation, Aviation Age, Newsweek, Popular Science, Saga, Argosy, Saturday Evening Post, and others, were equally impressed with the precision with which Sidewinder homed in at supersonic speeds to kill target drones and overtake and destroy speeding 6-inch HVAR rockets.

Las Vegas Sun publisher Hank Greenspun was so enthusiastic about the performance of Sidewinder that he devoted his entire "Where I Stand" column to Sidewinder one day during the meet.

Greenspun began his column with the question, "Who's afraid of the Russian Bear?" Then proceeded to answer it by saying:

"After witnessing the first day's demonstrations of the USAF World-Wide Fighter Weapons Meet my fears have been somewhat lessened. I now feel we are powerful enough to overcome the enmity of the Russians.

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(Jack) Warner of Inyokern, Judge of the Indian Wells Judicial District. Flake and rare wire and crystal forms are in the collection. With some of the specimens probably dating back to the roaring days of the California Gold Rush, the Judge's collection is also historically and intrinsically valuable.

These displays and more than 100 others, including rare gemstones, will be shown. The art of gem cutting will be demonstrated, involving every important step from the use of the diamond saw to the final polishing and mounting. Exhibits will include the work of the "Pebble Pups," a club-sponsored youth group interested in gems and minerals.

Visitors will be admitted at the Main Gate without Whiz passes by informing the Marine sentries of their intent to visit the show.



1957 SHOW VISITORS—Photo shows interest displayed by visitors to last year's Gem and Mineral Show which drew an attendance of 2,000.

Concert Series Season Ticket Sales to Close

Sale of tickets for NOTS Civic Concerts closes Saturday, October 25.

Outstanding artists to be brought to the Station by the Civic Concert Association include the Roberto Iglesias Spanish ballet on November 25; the famed Roger Wagner Choral, with duo-pianists Stecher and Horowitz, on January 6; Andre Tchakowsky, pianist, on February 17; and on April 17 will be Metropolitan Opera stars Eugene Conley and Nadine Conner.

Good reserved seats are still available from Gene Crow, Ext. 72014 and Doug Cruikshank, Ridgecrest 8-4411.

Those purchasing season tickets during the fall sales should exchange their vouchers for tickets at the Community Center, next Monday at 4:30 p.m.

Members renewing their last year's reservations and those acquiring reservations during the spring sales will receive their season tickets through the mail next week.

This year's concerts are in keeping with the high artistic standards of previous years and are eagerly anticipated by patrons of NOTS and neighboring communities.

Rockhounds Sponsor Weekend Giant Gem and Mineral Show

The second annual NOTS Gem and Mineral Show will be held in the Community Center this weekend. The doors will be open at 10 a.m. Saturday and the exhibits will be on display until 10 p.m. On Sunday, the show will open at 10 a.m. and continue until 6 p.m. There will be no admission charge.

Among the many exhibits not previously displayed will be a sizable collection of authentic Chinese jade carvings owned by Mr. and Mrs. D. T. McAllister of China Lake. Following their marriage in China in 1934, the couple acquired many jade carvings of the Ching dynasty (1644-1912). These pieces, though much smaller, are typical in workmanship of the fabulous carvings that adorned Chinese temples and palaces. Fortunately able to bring these items to the United States when they were evacuated during World War II, the couple have a collection that has become rarer and more valuable each year.

Another display of great interest is the extensive collection of gold and silver ores from many American sources owned by Judge M. M.

Voters To Be Absent On Election Day Should Request Ballots Now

Voters expecting to be absent from their election precincts on November 4—just 12 days away—may file for absentee ballots before October 30.

Kern County Clerk, Vera K. Gibson, states that China Lake and Ridgecrest voters entitled to absentee ballots are those who will be out of town on election day, those unable to go to the polls because of physical disability, or "war voters."

Ballots may be obtained by written application to the Office of the County Clerk, 1100 South P Street, Bakersfield. The application must contain the residence address of the voter and the reason for requesting the absentee ballot.

Your 'Fair Share' Gift to United Fund Supports Community Activities—and You

At 12:30 p.m., next Monday, October 27, some 125 campaigners from every Division and Department on the Station will officially begin collection of monies to meet the 1958 Indian Wells Valley United Fund goal of \$33,500.

At the same time, campaigners from Ridgecrest and Inyokern will contact all workers of every business in their respective areas.

Both pledges and cash contributions will be accepted by the United Fund campaigners collecting from each Department.

In accordance with directives issued by President Eisenhower and Thomas S. Gates, Secretary of the Navy, collections at China Lake will be made by Station personnel and on-the-job solicitation will be the only collection procedure to be used at NOTS during the 35-day drive.

Collections from school, post office and Exchange employees will be secured by appointed representatives from those facilities. No contributions will be accepted for charities not listed on Page 4 of today's Rocketeer.

Medical Coverage ID Cards Available At Insurance Office

Group health insurance identification cards are now available for distribution to members of the Public Employees Service Association medical plan at NOTS, according to Peggy Maclise, local plan administrator. These cards, issued by the Founders Insurance Company, certify the members' coverage, indicating date of eligibility and dependency status. PESA cards issued last month cannot be used as proof of health insurance coverage.

Continuing inquiries on interpretation of the local group policy indicate the need for further clarification of some terms. The most frequently misunderstood term is "pre-existing condition." This applies to conditions diagnosed or treated by a physician in the five years prior to application. Conditions which may have been apparent to the insured during this time, but not professionally diagnosed or treated, are not considered pre-existing since their previous existence cannot be verified by medical records.

Burroughs Thespians Initiate New Members

Five Burroughs High School students were initiated into National Thespian Troupe 1663 recently. Pledged last spring, the initiates are: Jacquelyn Payne, Carol Horton, Henry Dubin, Nancy Jeffries and Lynn Chafee.

Elected by the Troupe as best Thespian of 1957-58 was Henry Dubin, for his work in sound and staging effects.

Coached by Mrs. Beverly Aherin, the high school drama group is rehearsing "Here Comes Charlie" by Jay Tobias.



CAMPAIGN PLANNERS—United Fund Campaign Manager Ev Long (seated) checks 1958-59 publicity material with UF officials (l. to r.) President, Board of Directors J. J. O'Brien, Station Command Representative Capt. G. J. Anderson, and Ridgecrest Chamber of Commerce President, Elliott Fox.

