



NWC REPRESENTED IN DEF PARADE — The Sidewinder color guard (at left) and drill team (lower right) led off Division 1 of the 30th annual Desert Empire Fair parade last Saturday morning in Ridgecrest. The Sidewinder drill team won a trophy for its efforts in the parade, as did a color guard from the NWC Sea Cadet Squadron, some of whose members rode in a pickup truck (top right). A self-propelled model of the USS Nevada,

entered by the Navy Recruiting Office, also advertised the presence of the Navy in the procession. In addition, first place in the Charro equestrian class was won by PR2 Sharell Olvera, who is assigned to duty in the Aircraft Branch of the NWC Aircraft Department's Aircraft Support Division. Dressed as a Spanish Charro rider, PR2 Olvera was mounted on her registered quarter horse Raca's Roxie.

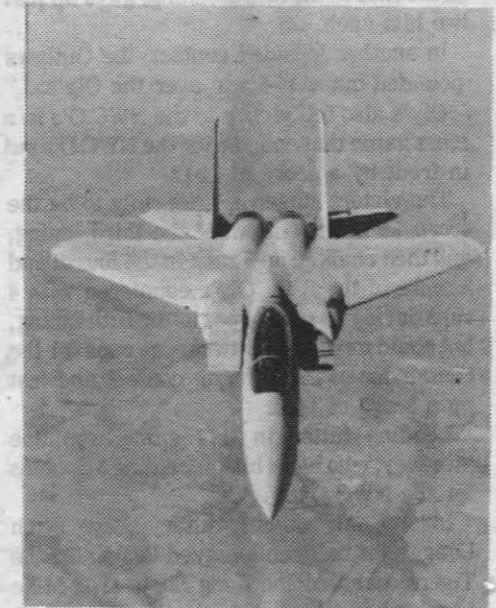
— Photos by PH2 Tony Garcia

Thunderbirds part of air show slated Sun. at Edwards AFB

Aviation buffs will have an opportunity to see some excellent flying and a number of static displays as well when Edwards Air Force Base holds an open house and air show on Sunday, Oct. 5, from 9 a.m. until 3:30 in the afternoon.

Highlights of the day will be the air show beginning at 11:30 a.m. that includes aerial demonstrations by the U.S. Air Force Thunderbirds, a Royal Air Force Vulcan bomber, the A-10 close air support fighter, the F-15 and F-16 fighters, along with the F-5E and F-4E aircraft. An aerial refueling demonstration with a KC-135 and B-52 bomber is also planned.

A U.S. Army helicopter group will demonstrate its craft, and the Air Force



F-15 Eagle

Flight Test Center Parachute Team will also take part in the show.

More than 50 antique aircraft will be on display at Edwards AFB Sunday.

The variety of antiques range from the B-25, PT-17, PA-20 to the T-34A and the SNJ-J. Some of the aircraft date back to the 1920s. Also on exhibit will be the Speed of Sound Rocket Car for which Ray Van Aken of the NWC Ordnance Systems Department was the aerodynamicist.

Visitors are encouraged to bring lawn chairs for seating during the air show.

Fine foods offered to tempt palates at COM next week

The two special evenings of dining this week at the Commissioned Officers' Mess are barbecue night on Tuesday, Oct. 7, and Indian night on Thursday, Oct. 9.

The barbecue night menu will consist of a country platter of pork spareribs and chicken, baked beans, corn-on-the-cob, and hot biscuits and honey.

On Indian night the Commissioned Officers' Mess chef will feature beef curry with all the condiments.

Dinner on both evenings is served from 5 to 9 o'clock.

FOR NAVY NEWS

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Self-care health subject of Women's Ctr. meeting

The annual meeting of the Women's Center-High Desert will be held on Monday at 7:30 p.m. in the First Federal Friendship Room, 111 N. Balsam Ave., Ridgecrest. The meeting is open to all interested persons. Featured speaker for the evening will be Elizabeth Monsalve, industrial hygienist at the Kerr McGee Chemical Corp. in Trona. Her talk, entitled "Help Yourself to Health," deals with the philosophy and techniques of the self-care health movement.

She will discuss the concepts of holistic health, healthful lifestyles, using the health care system to the advantage of the individual, and accountability for health.

Happenings around NWC

Today is the last day to make reservations for the open ASPA lunch next Wednesday whose speaker will be James Colvard, Deputy Chief of Naval Material. Colvard's topic will be "If the burros can survive, why can't the mavericks?" Lunch choices are chef's salad (\$3.35) or teriyaki beef (\$3.75). Reservations may be made by telephoning either Dr. Frank Cartwright at NWC ext. 2534 or Mickey Strang at NWC ext. 3354.

STAR PARTY SET TONIGHT

A free public star party, sponsored by the China Lake Astronomical Society, will be held tonight at 8 o'clock at the Sandquist Spa recreational area.

Weather permitting, telescopes will be set up for visitors to view such celestial objects as star clusters and gaseous nebulae within the Milky Way and the great spiral galaxy in the constellation Andromeda.

The turn-off to Sandquist Spa is located on Inyokern Road five miles west of the main gate of the Naval Weapons Center. A two-mile road north connects the spa to the highway.

ANNIVERSARY FETE PLANNED

All local residents are invited to attend the celebration of the first anniversary of the opening of the Ridgecrest Senior Citizens' Center on Monday between 10 a.m. and 2 in the afternoon.

The Center, sponsored by the City of Ridgecrest and the Ridgecrest Nutrition Program, is located at 125 S. Warner St., Ridgecrest.

Hot coffee and rolls will be served during the time of the open house to refresh those who stop by to see the activities of the Senior Citizens' Center.

FIELD TRIP SCHEDULED

Local residents who are interested in the Coso Hot Springs will have a rare opportunity to hear about it and see it in the company of an expert when Dr. Carl Austin leads a Maturango Museum-sponsored field trip to that area on Saturday, Oct. 18.

The number of participants on the trip is limited and those who would like to go are advised to telephone the museum promptly at 446-6900 to get their name on the list.

Participants will gather at Gill's Oasis

roadside rest eight miles north of Little Lake at 9 a.m. Stops will be made at Devil's Kitchen, the old mercury mine, and at a nickel ore deposit.

Following lunch at the abandoned Coso Hot Springs resort, the group will visit the drilling site where the California Energy Corporation is preparing to renew exploration for geothermal power.

Those planning to participate should bring a picnic lunch. Comfortable shoes and sun glasses are also advised.

F.E.W. TO MEET OCT. 9

Laddie "Ironman" Shaw, manager of the White Star Mine Health Club, will discuss health, physical fitness, and nutrition, and how attention to such matters can enhance the quality of life at a brown bag lunch sponsored by Federally Employed Women on Thursday, Oct. 9.

The meeting will be held in the Sidewinder Room of the Community Center at 11:30 a.m.; attendees are reminded to bring their lunch.

All interested persons are welcome to attend.

NAVY RECRUITERS TO SPEAK

The Indian Wells Valley Council of the Navy League will meet on Thursday, Oct. 9, at the Chief Petty Officers' Club. Dwight Saville and Ray Sparks, Navy recruiters assigned to Ridgecrest, will be featured speakers for the dinner meeting.

A social hour at 6:30 p.m. will precede a roast beef dinner at 7:30; reservations for the dinner, which costs \$6.50 per person, are required and must be made by Sunday, Oct. 5.

They may be made by telephoning Tom Adress, Jr., council president, at 446-5763 or 446-5914.

JAZZ BAND REHEARSING

Rehearsals are currently being held for a community jazz band that is now being formed.

The practice sessions, under the direction of Al Turriciano, are scheduled on Wednesdays from 7 to 10 p.m. in Rm. 126 at Cerro Coso Community College.

College credit is available for those who attend the jazz band rehearsals, but it is not necessary to be a college student in order to join the band.

Long meeting on fence line change held

One hundred forty interested residents of the China Lake housing area crowded into the Community Center on Wednesday, Sept. 24, to attend a briefing about the relocation of the southern perimeter fence and giving the public access through gates to the Naval Weapons Center during daytime and early evening hours.

S. G. "Vet" Payne, NWC Public Affairs Officer, opened the meeting with introductions of Capt. William B. Haff, NWC Commander; Capt. Louis P. Aldana, Vice Commander; William E. Davis, Director of Safety and Security; Stephen L. Kaupp, Associate Director for Security (and acting police chief); and Dennis Rowell, representing the Recreational Services Department. Also present was Harold Hockett, mayor of Ridgecrest.

Payne expressed the concern of Command for the health and welfare of all China Lake residents, and explained that the plan is open for inspection and that Command has an obligation to be open and candid and to answer all questions that can be answered.

HISTORICAL PERSPECTIVE

Kaupp then gave a historical perspective of the current plan. The inner barrier fence between the main site of China Lake, including housing, and the range area was installed in 1969 and 1970, following extensive studies that indicated the need eventually to move all mission-related activities behind a barrier fence (with a few exceptions such as the Administration Building, and Michelson Laboratory complex that forms a part of the barrier fence line and has 24-hr. security guards).

In 1974 and 1975, RADM. Rowland G. Freeman made a decision to excess housing that was emptying, so when the Inspector General inspection of 1977 took place, the IG recommended that a new southern perimeter fence line be established.

Funds (\$100,000) were authorized for fencing along Halsey Avenue but a new Department of Defense policy statement with respect to fencing of housing delayed implementation of the plan.

Since that time several plans have been prepared and submitted to Command. In line with Project 2000 objectives and rather than building a series of perimeter fences as more housing is excessed, Command determined, on a trial basis, to go directly to the ultimate step by locating the new southern perimeter fence line at the inner

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While on familiarization flight, Naval aviator dies Tuesday in crash of powered hang glider

Cdr. Dennis E. Becker, 40, crashed at approximately 10 a.m. on Tuesday during a familiarization flight in a Mitchell Wing B-10 powered hang glider aircraft at the Naval Weapons Center.

The accident took place on Mirror Dry Lake within the confines of the Center. He was taken by the Center's Fire Division ambulance to the Ridgecrest Community Hospital where he was pronounced dead at 10:55 a.m.

A memorial service for Cdr. Becker will be held at 2 p.m. on Tuesday at the NWC All Faith Chapel. Burial will take place next Thursday, Oct. 9, at 2 p.m. at Arlington National Cemetery in Arlington, Va.

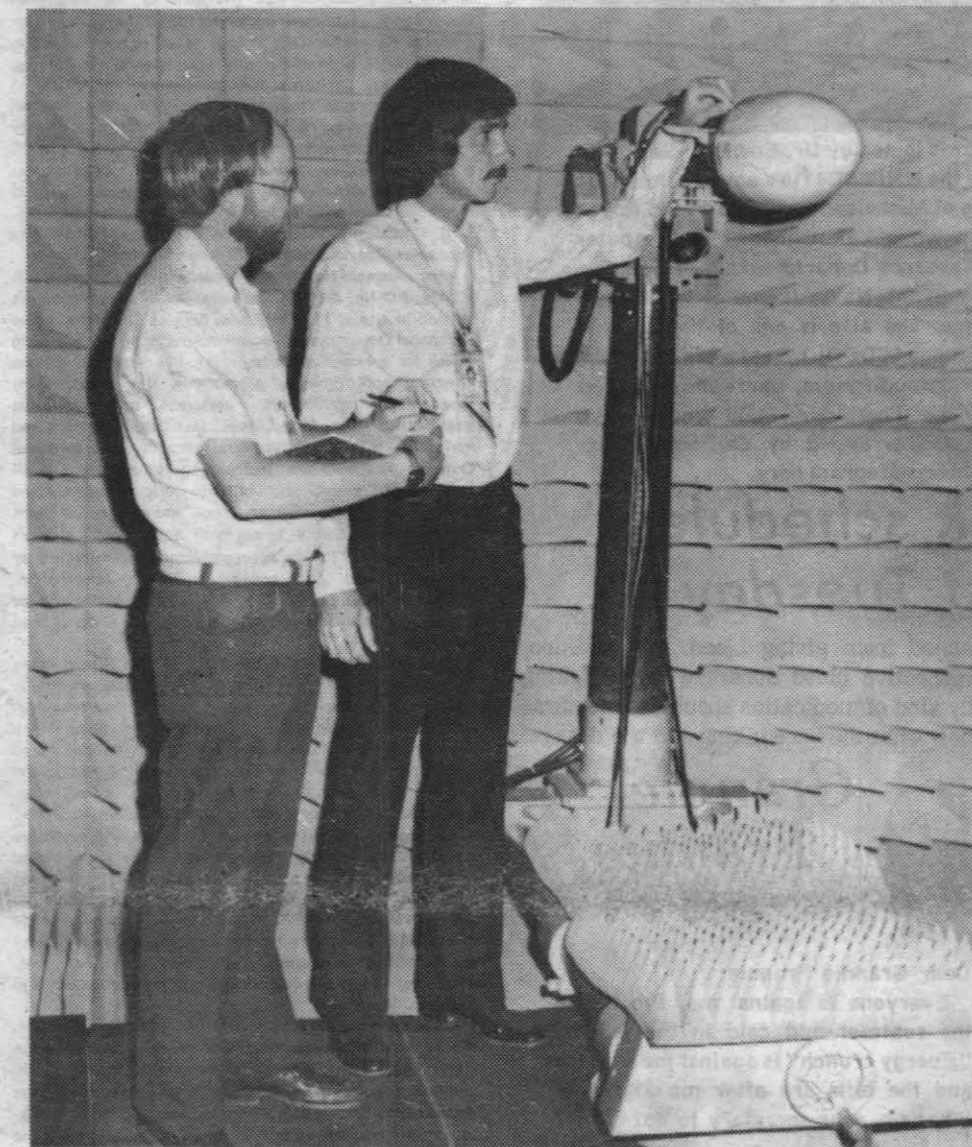
The memorial service here will be conducted jointly by Chaplains John Allen and Eric Darrow, of the Protestant Congregation, and Chaplain Ron Madden, of the NWC Catholic Congregation.

Cdr. Becker, a qualified Naval aviator with more than 3,000 hours of flying time, was one of five Navy personnel engaged in a technology demonstration and utilization project being conducted for the Navy Science Assistance Program. Four different models of powered hang gliders are being evaluated for possible military applications.



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA

Technical Director's Award presented for enhancement of Center's RF capability



TYPICAL EXAMPLE OF RADIO FREQUENCY WORK — Sterling Haaland (at left) and Dr. Robert D. Smith examine the radome of a Sparrow missile radar seeker. This, they note, is typical of the RF (Radio Frequency) work currently in progress at the Center. Haaland and Dr. Smith received the NWC Technical Director Award for their outstanding efforts in planning, organizing, and jointly chairing the first RF Information Exchange Symposium held here.

Dr. Robert D. Smith and Sterling Haaland, two Weapons Department employees, on Monday became the latest recipients of the NWC Technical Director's Award.

The presentation was made by Bob Hillyer, NWC Technical Director, during the weekly Commander's meeting held in the Management Center of Michelson Laboratory.

Dr. Smith, who heads the RF Anti-Air Branch, and Haaland, who is acting head of the RF (Radio Frequency) Division and Guidance and Control Technology Manager for the Center, were commended for their outstanding efforts in planning, organizing, and jointly chairing the first RF Information Exchange Symposium held at NWC.

STRIVING FOR IMPROVEMENT

The Center, Hillyer noted while making the award presentations, has tried to build up its capability and its reputation for RF work — particularly radar — and has met with some success in this endeavor. Employees involved in this work at NWC are among the best in any government laboratories, but there is a way to go before recognition of this status becomes more generally known, the Technical Director stated.

Both Dr. Smith and Haaland received letters of commendation for outstanding technical accomplishment, an engraved paperweight, and a \$300 stipend that accompanies this special form of a Superior Achievement Award.

BASIS FOR AWARD

The two men were commended for the initiative they exhibited in recognizing the need for and then bringing about a meaningful information exchange in the rapidly expanding field of RF technology and application that will be of great future benefit to the Center.

"The quality of the papers presented reflect the high technical competence in RF technology at the Center, and the visibility provided by the symposium cannot help but further strengthen this competence," it was added in the letters of commendation both men received.

Dr. Smith and Haaland were nominated for the NWC Technical Director Award by W. B. Porter, head of the Weapons Department, who summarized the effort that had gone into preparing for and conducting the RF Information Exchange Symposium.

WIDE FIELD COVERED

All Center organizations and programs active in RF work were represented, and the symposium covered the full spectrum from theory through laboratory experiments, component development, signal processing, systems design and evaluation, field experiments, and RF applications.

Dr. Smith joined the work force at NWC in June 1971 after receiving his Ph.D. degree in engineering (automatic control theory) from the Case Institute of Technology in Cleveland, Ohio.

Having worked here as a summer employee in 1969 on servo-mechanism components of the Sidewinder 9-H, his first full-time assignment was in the former Systems Development Department, where he was assigned to a branch that was involved in engineering development of the AIM-9L.

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Cdr. Dennis E. Becker

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