

Owners Must Register All Motorbikes

In accordance with NWC Instruction 5560.2A (Identification of Unlicensed Motor Vehicles) all recreation type motorcycles and minibikes, which do not bear state license plates and a NWC decal, are required to be registered with NWC Vehicle Control by Jan 17, 1972. This applies to all such vehicles owned or operated on board NWC (including Desert Park).

In order to facilitate the registration of these vehicles, two special registration dates have been established. The first registration operation will take place on Saturday, Dec. 11, between 9 a.m. and 3 p.m. in the rear of the Visitor Center trailer complex at the Main Gate. On Saturday Dec. 18, between 9 a.m. and 3 p.m., the second operation will occur at the Richmond Road (south) gate.

The second operation will provide a convenient location for persons living in Desert Park and the southeastern part of the Center. In addition to issuing a special "Unlicensed motor vehicle decal," Police Division personnel will inspect each vehicle with emphasis on muffler noise emission, brakes and tire condition.

Persons under 16 years of age must be accompanied by a parent or guardian when presenting a vehicle for registration. For further information contact the Vehicle Control Section at Ext. 3790.

BHS Wrestlers...

(Continued from Page 6)

p.m. next Tuesday with the Bakersfield High matmen in Bakersfield, and the varsity grapplers only will take part in an invitational tournament at Bakersfield College on Thursday, Dec. 23.



TOYS FOR TOTS TRUCK—Firemen of the NWC Fire Division and Marines of the NWC Marine Corps Liaison Office, manned this fire truck during the Christmas Parade held in Ridgecrest last Saturday. According to a Marine Corps spokesman, more than 40 toys were collected along the line of march, bringing the total to more than 300 toys since the beginning of the drive, which ends Dec. 20. Persons with toys to donate can call NWC Ext. 3716 or deliver the toys to Fire Station No. 1, on the Center. Children who attend the Ridge theater special matinee program on Saturday are asked to bring a toy, broken or not, to the theater for the annual program, traditionally co-sponsored by the Marine Corps Reserve and firemen throughout the nation.

—Photo by PH3 Ronald G. Mills

Burroughs Christmas Concert Planned

The Christmas Concert of Burroughs High School orchestra and choir members will be presented on Thursday, Dec. 16, at 7:30 p.m. in the Burroughs lecture center.

The concert choir, mixed chorus, chamber singers and the orchestra will present a program of traditional and contemporary music, under the direction of Russell Parker.

Leading off the program, the mixed chorus will sing four selections, including "O Come, O

Come Emmanuel," "First Noel," "Danish Christmas Round," and "The Babe in Bethlehem's Manger."

Following the four opening numbers, the concert choir will present "Song in the Wind," "Who's Lookin' for Glory," "Windows of the World," "The Eyes of All Wait Upon Thee," "Lord Make Me an Instrument of Thy Peace," with solos by a double quartette, and a humorous number entitled "Twelve Days After Christmas."

The Chamber Singers will perform three numbers, including "Sure on This Shining Night," "Night Journey of the Wise Men," and "There Will Be Stars."

The Burroughs High School orchestra will close the evening's salute to the holiday season with the "Tribute to Bach," "Three Noels," by Clare Grundman and "When Johnny Comes Marching Home."

Admission will be \$1 for adults and 50 cents for students and military personnel. All resident of the Indian Wells Valley are invited to attend.

Cycle Riding Next to NWC Fence Banned

The State Highway Department has plans to beautify the east side of China Lake Blvd. next to the Naval Weapons Center fence. Work will commence soon.

Motorcycle riders are requested not to use the dirt area outside the fence as a riding lane.

A spokesman for the California Highway Patrol stated that CHP officers will issue warnings to persons riding in the area until about Dec 15, so that everyone will be informed.

After Dec. 15, violators will be cited to appear in traffic court.



From _____ PLACE STAMP HERE
TO _____

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(GP) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI 10 DECEMBER
"THE LOVE MACHINE" (108 Min)
John Phillip Law, Dyan Cannon, Robert Ryan, Jackie Cooper
(Comedy-Drama) Screen adaption of Jacqueline Susann's best seller tells of an overly-ambitious newscaster who romances TV exec's wives in order to claw his way to head of the network. Tongue in cheek story is satirical. (R)

"Spellbound Hound" (7 Min)
SAT 11 DECEMBER
—MATINEE—
—p.m.—
"PANDA AND THE MAGIC SERPENT" (76)
Cartoon feature
"Donald's Dream Voice" (7 Min)
"Dunked in the Deep" (16 Min)

—EVENING—
"10 RILLINGTON PLACE" (111 Min)
Richard Attenborough, Judy Geeson
(Crime-Drama) A grim story of mass murder wherein an innocent man was actually convicted of the crimes which led to abolition of the death penalty in England. (GP)

No Short Subjects
SUN & MON 12-13 DECEMBER
"LIGHT AT THE EDGE OF THE WORLD" (120 Min)
Kirk Douglas, Yul Brynner, Samantha Egger

(Adventure) Swashbuckling he-man story of takeover of a lighthouse to lure ships ashore where the wrecks can be looted. Kirk takes on as a one man army to defeat brazen pirate, Brynner. A Jules Verne tale. (GP)

No Short Subjects

TUES & WED 14-15 DECEMBER
"FOOL'S PARADE" (98 Min)
James Stewart, George Kennedy
(Action-Drama) Thrill-packed story about a trio of released prisoners who have a \$25,000 check that draws trouble and gunfire like a magnet. (GP)

"Blades & Brass" (10 Min)
THURS & FRI 16-17 DECEMBER
"ROMANCE OF A HORSETHIEF" (100 Min)
Yul Brynner, Eli Wallach, Laine Kazan
(Adventure-Comedy) Polish town between Germany and Russia; into a fine economy in horsebreeding until Cossack Yul confiscates all the animals. (GP)

"Out and Out Road" (7 Min)
(Roadrunner)

Health Plan...

(Continued from Page 1)

of six of the largest health insurance plans, also will be increased in January.

Brochures explaining details of the various health insurance plans that are available will be distributed when received by the Employee Management Relations Division.

Employees wishing information on a health plan other than the one in which they are enrolled can obtain it by calling Code 651.

Navy Relief Office Schedule Changed

The Navy Relief Office will be closed on Wednesday and Friday, Dec. 22 and 24, and also will close the following week on Dec. 27, 29 and 31. (Regular hours of operation are Monday, Wednesday and Friday of each week.)

The office will resume business as usual on Monday, Jan. 3, 1972. In the event of emergencies, persons may contact the NWC Chaplain's office, Ext. 3506.

NWC rocketeer

Naval Weapons Center
China Lake
California

Vol. XXVI No. 49

Dec. 10, 1971

INSIDE ...

Air West Schedule2
Chaplain Smith Returns3
Christmas Parade4
AIM-9L Sidewinder5
Sports6
NWC Happenings7
Burroughs Yule Concert8

Pearl Harbor Remembered

'Day of Infamy' Recalled By Two NWC Employees

The long arm of coincidence reached out this week and tapped Jim Dalton and Ben Tidwell, two employees in the Optical Design Branch of the Weapons Development Department's Infrared Systems Division, who share the common bond of having been at Pearl Harbor on the morning of Dec. 8, 1941.

Although 30 years have now passed since the "day of infamy" that drew this nation into the world-wide holocaust, the date of Dec. 7 unfailingly triggers reminiscences about Pearl Harbor Day.

His general impression, Tidwell, a retired Marine Corps master sergeant, recalls, is that "he didn't really know what was going on." Temporarily billeted in tents that were set up in a sugar cane field adjacent to Hickham Field, Tidwell was with an anti-aircraft unit that had stopped off on Oahu in order to have new liners installed in its ack-ack guns before moving on to Wake and Johnson Islands.

Among the men in his unit, "everybody thought it was the Army Air Force doing practice bombing on Sunday morning, and were quite irate about it," Tidwell continued. Hickham Field took quite a pasting, he added.

He and his buddies had no

weapons readily available during the height of the Japanese attack, Tidwell said, but later uncrated their rifles and were among units assigned to perimeter duty at strategic points around the island. One squad from his outfit took part in the capture of crew members from a Japanese miniature submarine after it beached near Pearl Harbor.

Following Pearl Harbor, Tidwell continued, his anti-aircraft unit was sent out to try to reinforce Midway Island, but didn't make it in time. Subsequent duty included stops at New Hebrides, New Zealand and then back to the U.S. for refitting with 90mm guns before serving on the Islands of Saipan and Tinian.

Tidwell, who served 22½ years in the Marine Corps, ultimately getting into guided missile work, was working in the Chaparral program at China Lake when he retired from the Marines in 1963. He is now an engineering technician and is currently working on the AIM-9L program.

Dalton, a Navy radioman, remembers that he had the duty on the morning of Sunday, Dec. 7, 1941, and was enroute to the seaplane ramp at Ford Island

(Continued on Page 5)

SeaBees Here To Assist Navy Self-Help Program

Four SeaBees, all members of Mobile Construction Battalion 3 at Port Hueneme, have reported for duty at the Naval Weapons Center in order to give an assist to the Navy's Self-Help Program.

The recent arrivals are Richard Downey, equipment operator first class, who is the petty officer in charge; W. R. Dixon, builder 2nd class; B. L. Thies, builder 3rd class, and K. W. Willock, utilitiesman 3rd class.

The four SeaBees will be joined here in mid-January by a construction electrician 3rd class, who is presently involved in a Self-Help project at Fallon, Nev.

Initial projects to be undertaken at China Lake include the construction of heads, showers and a snack bar at the Naval Air Facility swimming pool. In addition, the SeaBees, who are expected to remain here for nearly eight months, will continue a program of converting cubicles in the Navy bachelor enlisted men's quarters to rooms.

The Navy-wide Self-Help program is aimed at combatting the problem of retention of the Navy's most valuable assets—its men. The program was placed under the cognizance of Adm. Walter M. Enger, Chief of Civil Engineers, by Adm. Elmo R. Zumwalt, Jr., Chief of Naval Operations, and is being administered locally by Capt. W. H. Sturman, CEC, USN, who is the

NWC Public Works Officer.

The Self-Help Program at China Lake was developed during the past 12 months in an effort to make possible vitally needed improvements in living conditions

(Continued on Page 5)



DISTINGUISHED VISITORS WELCOMED—Capt. A. E. May (center), NWC Deputy Commander, was snapped by the photographer as he prepared to extend a welcome Tuesday morning to Col. Robert L. Parnell, Jr., USMC, who was a special guest during this week's meeting of members of the Naval Research Advisory Committee's Laboratory Advisory Board for Air Warfare. In background is Dr. N. E. Ward, NWC Associate Technical Director. The two NRAC members shown are Dr. Bruce Old (at right), chairman, and Erwin F. Branahl.

Naval Research Advisory Committee Members Briefed on NWC Programs

Members of the Naval Research Advisory Committee who make up the Laboratory Advisory Board for Air Warfare were visitors at the Naval Weapons Center this week.

The group, headed by its chairman, Dr. Bruce Old, who is vice-president of A. D. Little, Inc., of Cambridge, Mass., flew in Monday night for a visit that continued until Wednesday afternoon.

The visitors were welcomed Tuesday morning by Capt. A. E. May, NWC Deputy Commander, and, following introductory remarks by Capt. R. S. Moore,

Technical Officer, viewed a presentation covering highlights of Naval Weapons Center programs.

A talk outlining the principal direction of NWC and programs for 1972 was given by Dr. W. B. LaBerge, Deputy Technical Director. Others who addressed members of the Naval Research Advisory Committee were Dr. I. E. Highberg, head of the Engineering Department, who discussed test and evaluation work, and Col. E. D. Smith, USMC Liaison Officer to the Naval Weapons Center, who spoke on Marine Corps requirements.

Tuesday afternoon's schedule for the visitors was left open in order to allow time for the committee members to visit suggested areas of interest and discuss programs with project personnel.

After a reception and dinner Tuesday evening at the Commissioned Officers' Mess, the committee members returned to Michelson Laboratory for a meeting with personnel of NWC's top management team.

(Continued on Page 7)

Health Plan Open Season Ends Dec. 31

The open season which began Nov. 15 for the Federal Employees Health Benefits Program will continue through Friday, Dec. 31, according to the Employee Management Relations Division of the NWC Personnel Department.

During "open season," Civil Service employees may enroll in a health insurance plan or change plans and options from self to family coverage. Also during this same period (through Dec. 31) annuitants may change plans and coverage, but may not newly enroll in a plan.

According to the U.S. Civil Service Commission, the 1971 benefits for all health insurance plans will continue unchanged through 1972. Premiums for most plans, however, will be increased in January to reflect a plan's actual claims and operating costs and changed risk factors (such as the age of plan members).

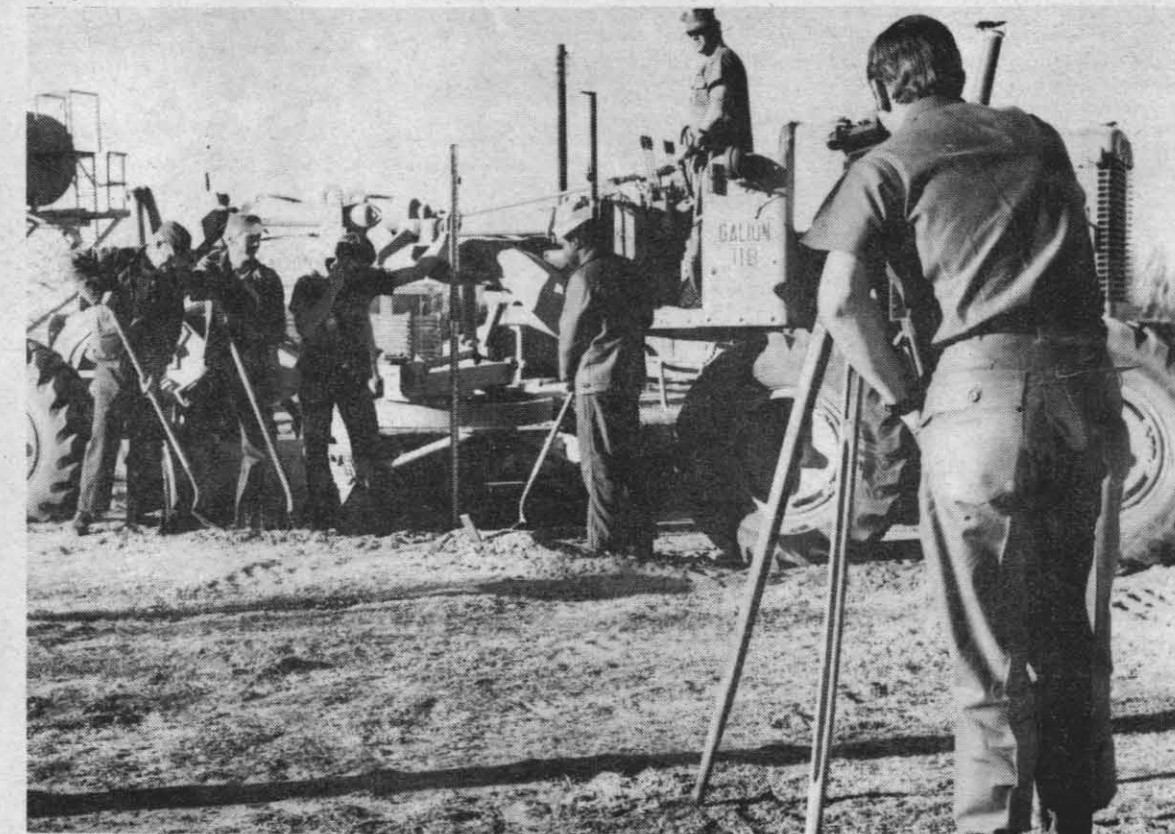
The government contribution, which by law is set at 40 per cent of the average high option premium

(Continued on Page 8)



SCHOOL CHILDREN VISIT AIRFIELD—AC2 Jack B. Van Skike briefs children of Margi Kelly's and Kathy Lytle's first and third grade classes at Las Flores School on the operation of an air field control tower. The two teachers took the children to VX-5 Dec. 2 for a firsthand look at many of the test and evaluation squadron's facilities, including the firehouse, where the pupils used the emergency slide and witnessed a demonstration by the crash crew. In addition, VMA513 pilot Maj. Bud Eiles, USMC, demonstrated the maneuverability and hovering ability of the British Harrier aircraft and the children were also allowed to sit in the cockpits of an A7E Crusader and a A4M Skyhawk. Lt. Dan Herrington, of VX-5, conducted the tour.

—Photo by PH3 Jack Learned



IMPROVEMENT WORK UNDER WAY—Sparkplugged by four SeaBees from Port Hueneme, who are being aided by volunteer enlisted men from the Naval Air Facility, work has begun on additional improvements at the NAF swimming pool. The activity is part of the Navy's Self-Help Program, which is aimed at bettering living conditions and recreation facilities for enlisted personnel.



INSTANT ICICLES—The greenskeeper and golf course maintenance crews turned the water on at 6:30 Monday morning with the above effect. Instant icicles formed on all the trees and bushes bordering the fairways. Rocketeer photographer Dan Yeatts was called to the course and snapped the photo which shows a tree limb resembling fragile, icy cobwebs. NAF weather service reported that the low temperature during the night was 29 degrees and had risen only one point by 8 a.m. Monday.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filled with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2069. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Clerk-GS-301-3 or 4, PD No. 7140141, Code 4059—Incumbent will assist the budget clerk for the Infrared Systems Division in tracking costs and providing fiscal reporting and follow up on expenditures for programs. The incumbent prepares and or assists in the preparation of reports, makes journal entries to correct erroneous charges, receives, posts, and distributes information contained in various accounting runs and reports and distributes these to project engineers, and program managers. The incumbent also assists in reconciling program expenditures with accounting reports, issues and prepares purchase requisitions, issues and cancels job orders, and performs other fiscal duties as necessary. Minimum Qualifications: 1 year of appropriate experience for GS-3; two years experience for GS-4. Job Relevant Criteria: Must have a general knowledge of current NWC accounting reports and procedures and must be familiar with Naval Industrial Funding (NIF) concepts, general budget planning, fiscal control procedures and test of electronic units for use with airborne systems, assisting engineers in organizing and conducting test operations and aiding in the evaluation of equipment and techniques developed in the branch. Job Relevant Criteria: Prefer printed circuit board layout and assembly techniques and video system experience. Minimum Qualifications Requirements: Two years general experience and three years specialized in accordance with X-118 Handbook.

Clerk-Typist, GS-322, 2, 3, or 4, PD No. 7140143, Code 4056, part time—This position is located in the Design Branch of the Weapons Development Department. The incumbent will provide clerical assistance to the Branch and Division offices. Duties will include typing of both technical and non-technical correspondence division memos, travel orders and other duties as assigned. Qualification Requirements: GS-2, completion of high school and passed Civil Service test; GS-3, 1 year general experience; GS-4, 2 years general experience in accordance with CSC Handbook X-118.

Electronic Mechanic, WG-26014-11, Code 4054, JD No. 185-24—This position is located in the Test and Evaluation Branch of the Weapons Development Department. Incumbent will work primarily with project aircraft and aircraft weapon systems. Major duties include aircraft wiring, installation checkout of weapon systems in aircraft, developing and fabricating project aircraft equipment and aircraft preflight tests. Job Relevant Criteria: Applicants must have thorough knowledge of Navy aircraft, electrical systems, background knowledge in Navy aircraft airframes and at least three years practical experience installing and testing equipment in Navy aircraft. Qualification Requirements: Rating will be on the basis of appropriate J-Element Standards in accordance with CSC Handbook X-118.

Mechanical Engineering Technician, GS-802-7 through 11, Code 4573, PD No. 7145100—This position is located in the Systems Division Branch, Propulsion Systems Division, Propulsion Development Department. Functions of the branch are to produce experimental models to demonstrate the feasibility of new designs in the field of rockets, guided missiles, and rocket catapult systems; to fabricate and test developmental models; and to conduct applied research and development of propulsion systems, sub-systems, components, and other devices using chemical propellants. Incumbent of this position will assist engineers in the planning, designing, assembling, and testing of weapons systems - propulsion systems components. Incumbent will schedule and conduct tests and analyze results of such tests. Incumbent will also provide liaison between branch projects and other activities both on and off-center. Will assist in the procurement and follow-up of experimental or dynamic components. Job Relevant Criteria: Knowledge of techniques and practices of metal parts fabrication desired. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Grossman, Bldg. 34, Room 204, Phone 2925. Contract Specialist, GS-1102-11, PD No. 7125011, 2521—Incumbent will act in capacity of project team member in support of major weapons systems and research programs. Will be called in at the initial planning and definition phase of these programs and follow them through to their eventual development. Oversees and assures compliance with terms of contracts and negotiates with contractors to resolve problems concerning obligations of either the government or private concerns. Minimum Qualification Requirements: Three years of general experience in contracting and procurement practices and procedures plus three years of specialized experience in the contract administration and contract analysis. Job Relevant Criteria: Must possess a comprehensive background in procurement of technical equipments, systems, services,

and contractual matters and must have had extensive actual experience in these fields. Advancement Potential: GS-12. File applications for above with Claire Lewis, Bldg. 34, Room 204, ext. 3118. Property Disposal Assistant, GS-1104-7, PD No. 7025009, 2597, Temporary rate 1 year—Inspects property turned in to Disposal; recommends method of sale, assists scrapers of government surplus property. Services as retail store manager. Minimum Qualification Requirements: Three years of general experience in work related to property utilization or marketing activities plus one year of specialized experience which provides the applicant with the knowledge and abilities required to perform the work. Job Relevant Criteria: Must possess a comprehensive background in procurement of technical equipments, systems, services,



"SUN STAR AND ICE"—Joe Haberman, a member of the China Lake Photographic Society, won one of three top awards in the recent Bob Oefinger Print Competition of the Wind and Sun Council, held in Pomona, with the above photograph. Haberman's award came in the Class "A" competition. Bill Feltkether, another member of the Society, won an honorable mention in the same division.

Audit Completed of 1972 CFC Fund Drive Returns

The 1972 Combined Federal Campaign current audit, corrected for a number of pledge cards on which the intent was not clearly marked, officially shows a gross total of \$74,890. An additional \$63 has been turned in since the audit. Not included in the above total is the \$565 contribution of the 45 NWC employees detailed to Corona, who participated in the Fleet Missile Systems Analysis and Evaluation Group CFC drive there.

Table with 3 columns: Designated, Undesignated, and Subtotal. Rows include IWV United Fund, National Health Agencies, and International Service Agencies. Totals are provided for each category.

File applications for above with Linda Grossman, Bldg. 34, Room 204, Phone 2925. Contract Specialist, GS-1102-11, PD No. 7125011, 2521—Incumbent will act in capacity of project team member in support of major weapons systems and research programs. Will be called in at the initial planning and definition phase of these programs and follow them through to their eventual development. Oversees and assures compliance with terms of contracts and negotiates with contractors to resolve problems concerning obligations of either the government or private concerns. Minimum Qualification Requirements: Three years of general experience in contracting and procurement practices and procedures plus three years of specialized experience in the contract administration and contract analysis. Job Relevant Criteria: Must possess a comprehensive background in procurement of technical equipments, systems, services,

NEW PLANE SCHEDULE

Table with 6 columns: Flight No., Leave LAX, Arrive Inyokern, Flight No., Leave Inyokern, Arrive LAX. Rows for NORTHBOUND and SOUTHBOUND flights.

(NOTE: Both flights stop briefly at Palmdale) There is no regularly scheduled bus service between the Naval Weapons Center and Inyokern Airport. Reservations for transportation for official travelers to and from Inyokern Airport should be made during the work week with Travel and Transportation Branch, Code 8517, ext. 3321 or 2726.

The Rocketeer Official Weekly Publication. Naval Weapons Center, China Lake, California. RADM. W. J. Moran, USN, NWC Commander. H.G. Wilson, Technical Director. C.E. Van Hagan, Acting Head, Technical Information Department. DIVINE SERVICES: PROTESTANT, ROMAN CATHOLIC, BLESSED SACRAMENT CHAPEL, CONFESSIONS, CCD CLASSES, JEWISH SERVICES, EAST WING-ALL FAITH CHAPEL.

A Look Into The Past From The Rocketeer Files

25 Years Ago... Christmas Seal sales were launched at NOTS to help raise funds for the purchase of a mobile X-Ray unit... Anderson caterers began operation in the Desert Store Cafeteria... The Rocketeer published a full page of photographs showing the method by which the paper was printed... In those days it was "hot type," done on a linotype. Today's efforts are far more sophisticated...

15 Years Ago... Mrs. A. F. Reifsnnyder, a missionary, spoke on life in the Peru jungles... The "NOTS Story" was told on the TV show, "You Asked For It"... Deleta Munn was named president of Toastmistresses... An acute shortage of stenographers brought a plea from the Personnel Department for assistance from NOTS employees.

5 Years Ago... HM2 Roger Kennedy was honored for his aid to Kernville flood victims... Cmdr. Knobby Walsh won first place in the Adm. P. D. Stroop golf tournament... Miss Frances E. Willis, former U.S. career ambassador, spoke here at an ASPA luncheon... VX-5 formed a new unit (in New Hampshire), under the command of Lt. Cmdr. T. L. Lloyd.



BICYCLE SAFETY DISCUSSED—An informal committee meeting was held recently with Billie Hise (at right), of the Safety Department, to discuss possible steps that might be taken to lessen the hazards on the Naval Weapons Center for those who enjoy bicycle riding. In addition to Mrs. Hise, others at the meeting were (from left) H. O. Andersen, a cycling enthusiast; Lt. George Newman, from the Security Department; Lt. John Maas, from the Medical Department, and Jim Weimholt, another interested cyclist. During committee discussion it was brought out that there have been complaints about bicycle riders who fail to obey traffic laws, while some cyclists reportedly have given up bike riding because of their concern about being run off the road by motorists. In an effort to remedy problems of this nature, the committee hopes to come up with the first of its recommendations for submittal to the Command Administration Department by mid-December. —Photo by PH3 Ronald G. Mills

Happenings Around NWC

Gordon Ellis, the Blue Cross-Blue Shield representative, will be at the Community Center on Tuesday from 10 a.m. until 4 p.m.

COLLEGE CHOIR CONCERT The College Choir from the Desert Campus of Bakersfield College, under the direction of Ray Blume, will perform an evening of Norman Luboff-arranged Christmas carols on Monday evening at 7:30 at the All Faith Chapel.

The public is invited to attend the program. Admission is free.

WACOM LUNCHEON The traditional and ever beautiful sounds of Christmas music, as sung by members of the Burroughs High-School choir, will be featured at next Tuesday's luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess.

The luncheon, which will be preceded by a social hour, will begin at 12:30 p.m. Reservations that are made can be cancelled no later than Monday noon. In addition to songs by the Burroughs choir, under the direction of Russell Parker, the WACOM Ways and Means Committee will conduct a drawing for a special Christmas decoration that is to be given away.

NRAC Members Visit China Lake...

(Continued from Page 1) The executive session was resumed Wednesday morning and a critique reviewing the key points of information covered during the visit by Naval Research Advisory Committee members preceded their departure at 2 p.m. Wednesday.

General subject areas on which discussions were held and presentations made for the benefit of members of the Naval Research Advisory Committee were air superiority, defense suppression, the air launched strike weapons, analyses and studies, research and advanced technology, fuzing, warheads and propulsion, test and evaluation-range facilities, and new programs on high energy lasers and aircraft survivability. Members of the NRAC Laboratory Advisory Board for Air Warfare, in addition to Dr. Old, the chairman, who visited the Naval Weapons Center were: Adm. James S. Russell, USN (Ret.), vice-chairman; Erwin F. Branahl, vice - president of engineering (east) for the McDonnell Douglas Astronautics Co. in St. Louis; Dr. Jack W. Dunlap, Sr., of Dunlap and Associates, Darien, Conn.; Edward H. Heinemann, vice-president of the General Dynamics Corp., St. Louis; Charles M. Kearns, Jr., vice-president for research of the United Aircraft Research Laboratories, East Hartford, Conn., and Dr. David Minard, professor of occupational medicine at the University of Pittsburgh's Graduate School of Public Health.

A special guest who accompanied NRAC members here was Col. Robert L. Parnell, Jr., USMC, executive officer for the Deputy Chief of Staff (Air), Marine Corps Headquarters in Washington.

Kegler's Korner...

(Continued from Page 6) and Hal Moore, 139. Dave Livingston was on the beam with 140, 134, 168 and 442. Scores were generally lower than in the past few weeks, but according to Bill Tomaras, league secretary, were more consistent.

MIDWAY SCORES Bob Deem, who has been bowling for 13 years, rolled a 234 game, the highest he has had in all that time. Jim McClellan had a 236 and a 604, Craig Rae fired a 227, Joe Siebold had a 225 and John Howell, 610 to lead the league.

SUNDAY SINNERS Leslie French rolled a 183 game and Rusty Smith had a 495 series to lead the ladies, while Bob Fraser's 202 and Bill Gilmartin's 557 were the high marks for the men. Coop's chickens are cackling with a 1026 game and the Gutter Gang managed to stay out of it with a 3090 series.

Meal Tickets For Holiday Dinner Go on Sale Mon. A special holiday Christmas dinner is being planned by the Food Service Division at the Navy enlisted dining hall. There will be continuous serving from 2 to 5 p.m. on Christmas day. Meal tickets for the Christmas dinner will go on sale on Monday, Dec. 13, at the Food Service Office and, as long as they last, will be sold on weekdays between the hours of 8 and 11 a.m. and from 1 to 3:30 p.m. through Thursday, Dec. 23. There will be no charge for enlisted personnel who have meal passes, and enlisted personnel who are on commuted rations can purchase a Christmas dinner ticket for themselves for \$1. Tickets for wives and other adult guests of enlisted personnel on comrats are priced at \$1.50, while children under 12 years of age will be served for 75 cents each. Officers and civilian guests wishing to partake of the Christmas Day dinner at the Navy enlisted dining hall also can purchase tickets, while they last, priced at \$1.50 for adults and 75 cents for children under 12 years of age.



DANCERS TO PERFORM—Lois Allan (at left) and Joan Leipnik, members of the dancers' workshop, prepare to present a "Coventry Carol" number during Monday night's college choir Christmas carol program at the All Faith Chapel. Other dancers who will take part in the dance portion of the program are Dorene Blackmon, Shirley Briley, Michel Vernon-Cole, Al Hard and Chuck Jones.

INFORMATION STUDIED—Preparing for a cram session on highlights of Naval Weapons Center programs in the field of air warfare, three members of the Naval Research Advisory Committee look over a portion of the volume of information they were here to absorb and comment upon. The committee members are (from left) Adm. James S. Russell, USN (Ret.), vice-chairman; Edward H. Heinemann and Dr. Jack W. Dunlap, Sr.



Kegler's Korner

By Jack Lindsey

Bowling is a family sport and the Friday Mixed Foursome League is made up of many husbands and wives who bowl on the same teams. Occasionally this can be a drawback. The husband traditionally wears the pants in the family and when the little woman waxes him on the lanes, it only adds to the fun.

Take Dean Ray for instance. He not only bowls with his wife, Sherry, but he's head boss at the bowling alley where they are both employed. Dean is the manager and Sherry cleans telescopes, (or something important). She got even last Friday though. Sherry fired a 216-551 and Deano wracked up a smashing 507.

The Maxwell household will be a little strained this week due to Patty's 204-523 and Floyd's crushing 508. But it's all good clean fun, huh.

Thad Brightwell was the big gun, hitting a 267 game and a 654 series. Jeanne Crom, league secretary, doubled her first effort with a nice 222 game. Darlene Herbstreit had a big 202 and a 547 while husband Jack managed a 129.

Some other scores: Warren Turnbaugh, 226, Fred deHam, 222, and Ray Freascher, 205 and 205. Carrie Galloway had a 513 series and Maggie Branson fired off consecutive games of 139, 145, 142 for a 426 series, nearly qualifying her for the Loser of the Week award, which goes to Mrs. Crom for her fine 111 effort.

The lead in the Premier League continues to slide around from one team to another with no one squad getting a definite toe-hold on the ladder. Ridgecrest Lanes assumed the first-place mantle by half a game after whipping Midway 3 to 0 and Loewen's, in second place, won two from Boyd's.

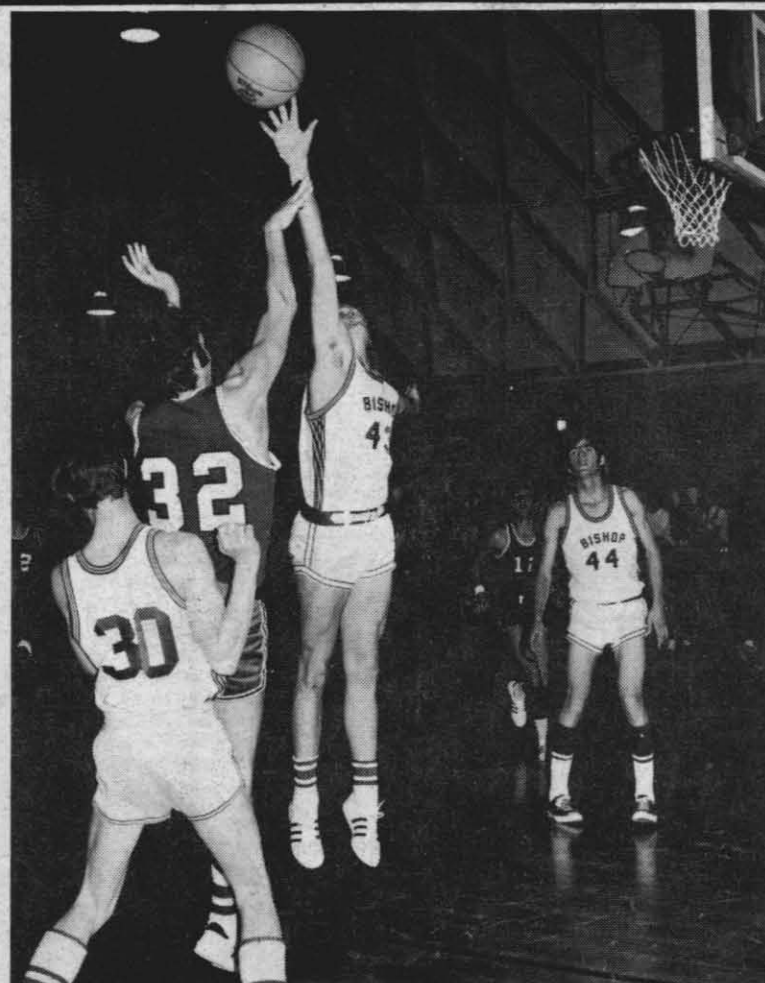
The NAF keggers took three games from fourth place Pollock Construction and Ace TV could only manage two wins from Tom's Place, but it was enough to keep the television gang in third place.

Ray Freascher continued to bang away at the pins, hitting a 222, 214 and 611 series, his third in a row and fourth in five weeks. He missed the pot by one pin, however, as Thad Brightwell had 228, 202 and 612. They both missed beating Ed Judge, though, who had a 614 series and a 231 game.

Jack Herbstreit had a 245 and a 218, then fell off to finish with a 609 series and Mark Barkemeyer tied that total with games of 213 and 212. George Barker had a 608 on the strength of a 213 and a 200 and RC Jones hit a triplicate—202, 200 and 202 for a 604. Hal Moore rolled a 245, Alex Ribultan had a 238 and H. Dean had a 235.

The parade of biggies included Dan Ryan, 130, Vic Black, 134, Bob Hooper, 135, Warren Schad, 136

(Continued on Page 7)



IN THEIR FIRST home game of the 1971-72 basketball season, the Burros varsity cagers romped to an 85-52 win over their counterparts from Bishop. In this action photo, Patrick Melen (No. 32), a foreign exchange student from Belgium who is now attending Burroughs, gets off a shot at the basket despite close guarding by the visitors.

Burros Cagers Post 85-52 Win Over Bishop Broncos

Burroughs High School's varsity basketball team, fresh from a Wednesday night win by a score of 85-52 over Bishop, will continue its tune up for the start of Golden League play on Jan. 4 by hosting the Bakersfield High School Drillers in a home tilt at 8 p.m. next Tuesday.

The varsity clash will be preceded by freshman and junior varsity contests at 5 and 6:30 p.m., respectively.

With their win over Bishop, the Burros Class A cagers have boosted their early season record to two wins and a loss—the defeat coming last Friday at the hands of the Highland High School Scots in Bakersfield by a score of 54-51.

The Burros, who had previously pulled a 71-63 upset win over Pacifica High of Garden Grove on Dec. 1, two nights later found the tables turned against them as they couldn't muster sufficient scoring to offset a closing rush by the Highland High team.

The Burroughs-Highland High game was a nip and tuck affair from the outset. All told, the score was tied nine times during the game, and was knotted for the last time at 49-49 with less than 2 minutes of playing time remaining.

At that juncture, a field goal was tipped in by Mike Fitzmorris, a guard for the Scots, and a pair of free throws by Highland High's Steve Castle provided the final margin of difference in the Bakersfield school's 54-51 win.

The Burros, not up to the scoring pace they set in their win over Pacifica High, got into foul trouble against Highland and also suffered more than double the number of their opponents' turnovers.

The close scoring contest saw the Scots get off to a 14-13 first quarter lead, and the host team hung on for a 29-28 halftime lead. Outcome of the game was far from decided as the Burros pulled ahead 41-40 at the end of the third period, but it was the last-minute scoring success of the Scots that spelled victory for them.

Jeff Cowan, Highland High forward, was the game's high scorer with 20 points, while Greg Ritchie, center for Burroughs, was the only other player to hit the double figure column as he tallied 15. In addition, Rick Richison of Burroughs and Curt Ashbeck of the Scots chipped in 9 points apiece.

Randy Stedman, who had contributed 20 points in the Burros' win over Pacifica, had an off night and was held to 6 counters in the Highland High game.

Wrestlers To Enter Tourney At Lancaster

A largely inexperienced Burroughs High varsity wrestling squad will face its first challenge of the new season by competing Saturday in the Antelope Valley Tournament at Lancaster.

According to Alan Ward, coach of the Burros grapplers, he is working with a squad that includes just five returning lettermen and one of them, Scott Gulick, 157 lb., is injured and may be out of action for most of the season.

The other veterans who earned their letters as wrestlers last year are Gary Hinzo and Fred Whitfield, a pair of entries in the 112 lb. class; Bruce Douglas, 120 lb., and John Broyles, 127 lb.

Others who will represent Burroughs in the Antelope Valley Tournament, and their weights, are: Cary Hattabaugh, 95 lb.; Eddie James, 103 lb.; Robert Dunn, 133 lb.; Robert Francis, 138 lb.; Ken Whitfield, 145 lb.; Amos Blanche, 154 lb.; Larry Mills, 165 lb.; Mike Vernon-Cole, 175 lb.; Steve Cornett, 191 lb., and Phil Misemer, heavyweight.

As a prelude to the start of the Golden League wrestling season against Kennedy High School at Barstow on Wednesday, Jan. 5, the Burroughs High varsity and junior varsity wrestlers will tangle at 6

(Continued on Page 8)

NAF Hawks Place Third In MDISL Grid Tourney

China Lake's version of the Los Angeles Rams finished up their season in good style by capturing the consolation title at the Mojave Desert Inter-Service League playoffs at Twenty-nine Palms last weekend.

In the opening game, the NAF Hawks clashed head-on with the eventual champions, Norton AFB, and came out on the short end of the 24-6 score. The lone Hawk TD came in the third period when Dick Sullivan threw an 18 yd. pass to Dennis Bagshaw on a guard-eligible alignment.

Norton quarterback Bud Kingman tossed two scoring strikes with the other two TD's coming on a 5 yd. dive play and a 70 yd. punt return.

The loss dropped the Hawks into the consolation bracket and had them going against George AFB, but George had to withdraw due to other commitments. The forfeit was listed as a 6-0 win for NAF.

In the game for the consolation championship, the Hawks met the jet jockeys from the Los Angeles AFS, who had lost their first game to George AFB, 24-23. As a result of the Hawks' outstanding team effort, and a superb passing performance by Sullivan, NAF shot down the zoomies from L.A. 31-7.

Bruce Ratliff was the man of the hour as he hauled in four touchdown passes from Sullivan. In the first quarter, the Sullivan-Ratliff duo got things rolling for the Hawks as they combined on a 25 yd. TD aerial. Ron Melvin added a

Grid Clash To Be Televised Here

The Los Angeles Rams vs. Washington Redskins professional football game, which is blacked out in the L.A. area, will be televised locally in a tape delay broadcast over Channel 7, starting at 8:30 p.m. Monday.

This community service is being provided by the China Lake television system.



HAWKS CELEBRATE VICTORY—Members of a jubilant NAF flag football team celebrates their first place finish in the NWC Intramural Football League over the VX-5 Vampires with a friendly get-together in the Jolly Roger (EM Club). The team represented NWC in the Mojave Desert Inter-Service League tournament held last weekend at 29 Palms.

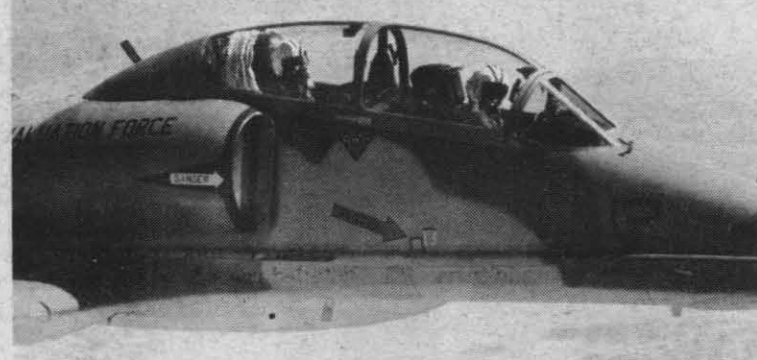
Navy Re-enlistments on Upswing



REENLISTS FOR SIX MORE—Hospital Corpsman Third Class Kerwin M. Thomas is congratulated by Capt. G. W. Jauchler, NWC Medical Officer, after reenlisting for six years. Thomas has served two years and four months previous duty. He arrived at the Naval Weapons Center Sept. 5, 1970, from the Naval Hospital at Long Beach. —Photo by PH3 Ronald G. Mills



NAF SAILOR RE-ENLISTS FOR FOUR MORE YEARS—ABE2 James A. Arabian, who works in the Fuels and Salvage shop at the Naval Air Facility, is shown being administered the oath of enlistment by Capt. R. E. McCall, Commanding Officer of NAF. Arabian came to NWC from the USS Bon Homme Richard in September, 1970. The career serviceman has a total of 15 years in the U. S. Navy. —Photo By ADJ2 G. Kynard



"UP" FOR REENLISTMENT—AMS3 Kenneth Gardner went all the way up to 20,000 feet to take the oath of enlistment from Lt. M. C. Lansford recently. Gardner, seated in the rear cockpit of a VX5 TA4 Skyhawk, has been with the squadron for three years. His next duty assignment will be NAF Sigonella, Sicily. —Photo by VX-5



NORTHROP SIGNS RE-ENLISTMENT PAPERS—Aviation Electrician's Mate First Class Cleo P. Northrup, who has been in the Navy nearly 10 years, recently signed over for four more years. Capt. R. E. McCall, Commanding Officer of the Naval Air Facility, is shown administering the oath to the NAF Electric Shop sailor.



Lt. Aquinas Jack Smith

Lt. Smith Is New Catholic Chaplain Here

Duties of Catholic chaplain at the Naval Weapons Center were taken over last week by Lt. Aquinas Jack Smith, whose introduction to the Navy Chaplains' Corps took place here 2½ years ago.

Chaplain Smith replaces Fr. James J. Hogan, who has retired from the Navy.

After being sworn into the Navy as a Catholic chaplain, in a ceremony performed by Capt. M. R. Etheridge, former NWC Commanding Officer, Chaplain Smith left here in June, 1969, for a year at the Marine Corps Base in Quantico, Va.

He subsequently served as chaplain with the 2nd Battalion, 4th Marines, home-based on the Island of Okinawa, while the unit (an infantry outfit) was deployed in Vietnam waters in case it might be needed for a landing. He also served as chaplain for a Marine artillery unit, the 4th Battalion of the 12th Marines.

Since returning to the United States and before being assigned to his present post, Chaplain Smith spent 11 weeks attending a pastoral education course while stationed at Balboa Hospital in San Diego.

A native of Philadelphia, Pa., Chaplain Smith was graduated from Niagara University of New York and was ordained a priest in 1959. After studying for two years at Angelicum, the Dominican university in Rome, he held the post of professor of philosophy at Our Lady of the Genesee Monastery in New York for four years.

Before becoming a Catholic chaplain in the Navy in mid-1969, Fr. Smith assisted for five months at St. Ann's Catholic Church in Ridgecrest.

Next Rocketeer To Be Final Issue for 1971

The final issue of the ROCKETEER for 1971, traditionally the Christmas issue, will be published on Friday, Dec. 17. The ROCKETEER will not publish again until Friday, Jan. 7, 1972.

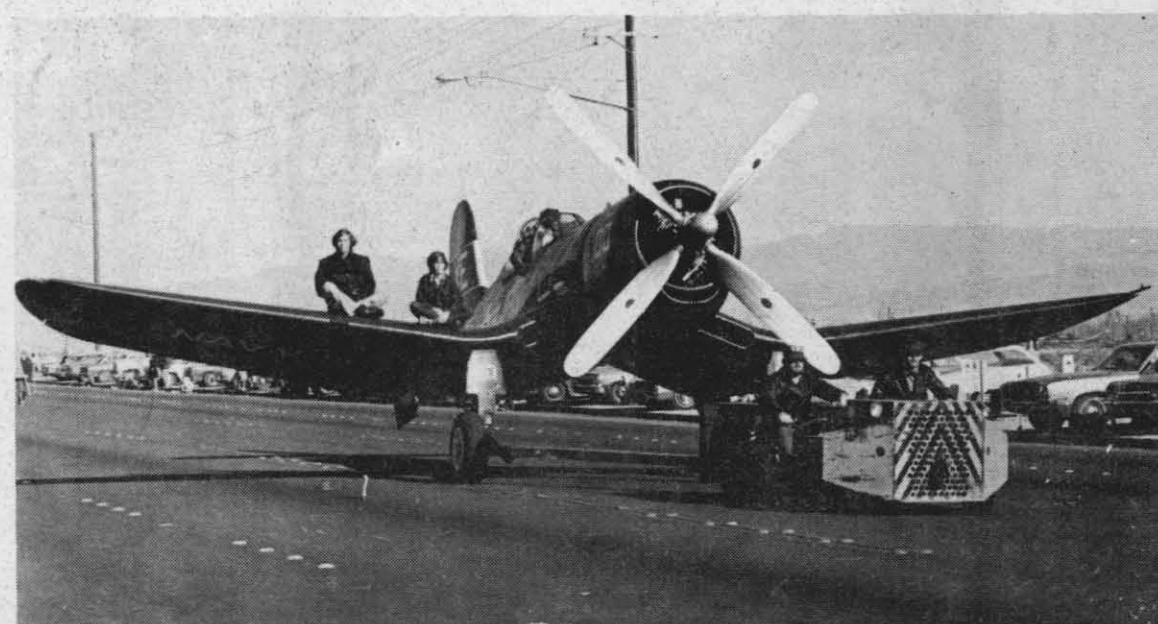
All clubs and organizations, Codes and services, that wish to publicize news of pending Christmas parties, gatherings, etc., are reminded to get the information into the newspaper office in plenty of time to be included in the final issue of the year.

For further information, call NWC Ext. 3354.

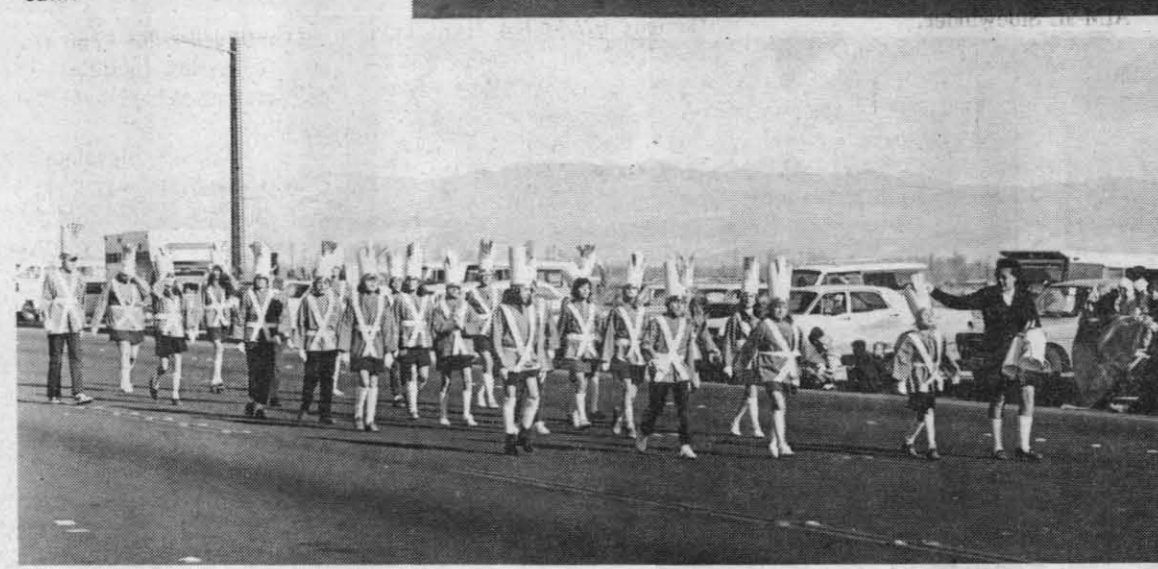


NAVY CHIEF RE-ENLISTS—Russell K. Brown, leading chief with the Explosives Ordnance Disposal Detachment at China Lake, recently shipped over for two years during a re-enlistment ceremony. Chief Warrant Officer W. W. Jones, officer-in-charge of EOD unit, is shown administering the re-enlistment oath to Chief Brown, who has been a Navy man for the past 18 years. Chief Brown was transferred to China Lake four months ago from the Naval Air Station at Naha, Okinawa. The local EOD unit is a detachment from EOD Group 1, with headquarters at Pearl Harbor.

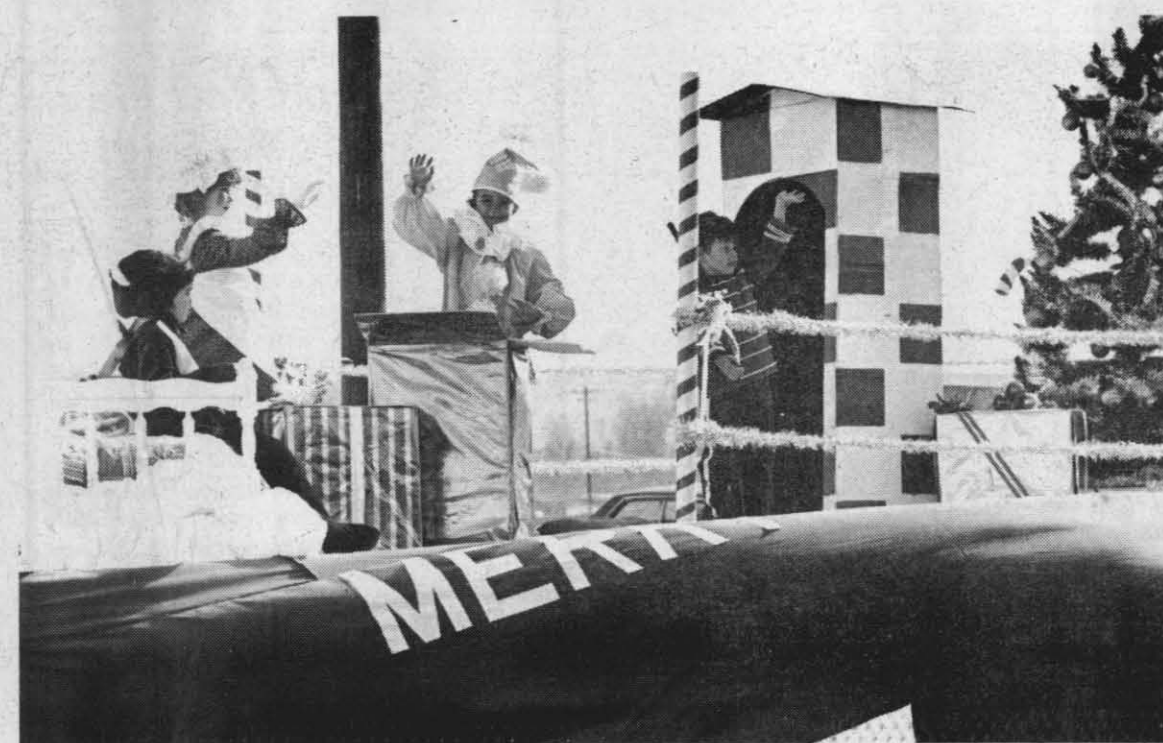
Second Annual Christmas Parade Held



RIDGECREST'S second annual Christmas Parade was a colorful and lively affair. Star of the parade was Santa himself (top left), while another entry that attracted considerable attention was Capt. "Tex" Birdwell's World War II vintage Corsair aircraft (top right). Also shown are banner carriers who signalled the start of the procession; Cub Scouts from Pack 68 dressed as Frosty the Snowman; a marching unit of real, live toy soldiers, and a Desert Shrine Club float featuring a decorated Christmas tree and gift-wrapped packages. Another parade participant was Virginia Lee Keyte, recent winner of the Ridgecrest-China Lake Pageant.



Photos by PH3 Ronald G. Mills



Pearl Harbor...

(Continued from Page 1)
when the first of two attacks on Pearl Harbor occurred. He was close enough to see the Japanese planes and the smoke and flames belching skyward from the stricken ships in the harbor, but temporarily was helpless to do anything about it. As it later turned out, however, his unit, Patrol Squadron 10, was the only group that lost none of its aircraft during the Pearl Harbor attack. Dalton attributes this to the oddity that all of the bombs which fell nearby were dud.

He and other crew members of the PBV to which he was assigned took off at midnight on Dec. 7 on what may well have been one of the first aerial patrols of World War II. Their mission was to locate the Japanese fleet, and they headed for Canton Island, 1,800 miles away.

From Canton, the Navy patrol planes continued on to Suva and, for the next 10 days, patrolled the sea lanes in that area. Dalton remained with seaplanes and in air-sea rescue work throughout World War II, being stationed at such South Pacific pleasure spots as Tulagi, Rendova and Manus Islands, and also served throughout the Gilbert and Marshall Islands area. For a change of scenery, he also saw a few months' duty in Alaska during 1942.

For 21 years Dalton remained in the Navy and was retired with the rating of chief aviation technician while serving with VX-5. Now an electronics technician with Code 4056, he has been a civilian employee at China Lake since 1958.

Air Force Men Join In Work on New Sidewinder

Four U.S. Air Force personnel—three officers and one civilian—have been assigned to NWC to participate in a joint Navy-Air Force program to develop an improved air-to-air missile, the AIM-9L Sidewinder.

The men, Maj. Michael D. Hall, Maj. Robert L. Monsell, Capt. Jeffrey M. Walz and Willis M. Dean, are an integral part of the development effort under the direction of James R. Bowen, Code 3012.

Maj. Hall is the Air Force management representative, and in addition, participates in the program as a test pilot. Maj. Monsell is the program flight test engineer responsible for the planning and conduct of all ground and flight environmental missile testing.

Capt. Walz is the program officer and missile guidance control engineer, and Dean is responsible for all AIM-9L ground support equipment—launchers and the missile-aircraft interface. In addition, Dean is the Air Force Logistics Command representative in the AIM-9L program office.

The team reports directly to Col. R. P. Gould, USAF, at NAVAIR, Washington, D.C. Col. Gould is the Air Force AIM-9L program manager.

Maj. Hall was graduated from the Aerospace Research Pilot School, at Edwards AFB in 1967 and became a test pilot in fighter test operations at Edwards. In 1970 he spent one year as a combat pilot in Southeast Asia, where he flew the F-4. Maj. Hall has been awarded 14 Air Medals and the Distinguished Flying Cross.

He is married to the former Janie Skelton, and is the father of four boys.

Maj. Monsell comes from the Air Force Special Weapons Center, Holloman AFB, N. Mex., where he flight tested AGM-78, Standard ARM, AGM-45 and Shrike missiles on the Air Force F-105G aircraft.

Maj. Monsell is married to the former Charlene Ferrier. The couple met at Washington, D.C., where she worked in the AIM-9, (Sidewinder) office. They have been married one month. He was graduated from navigation school at Harlingen, Tex., and holds a Masters degree in mechanical engineering from the A.F. Institute of Technology, Dayton, O.

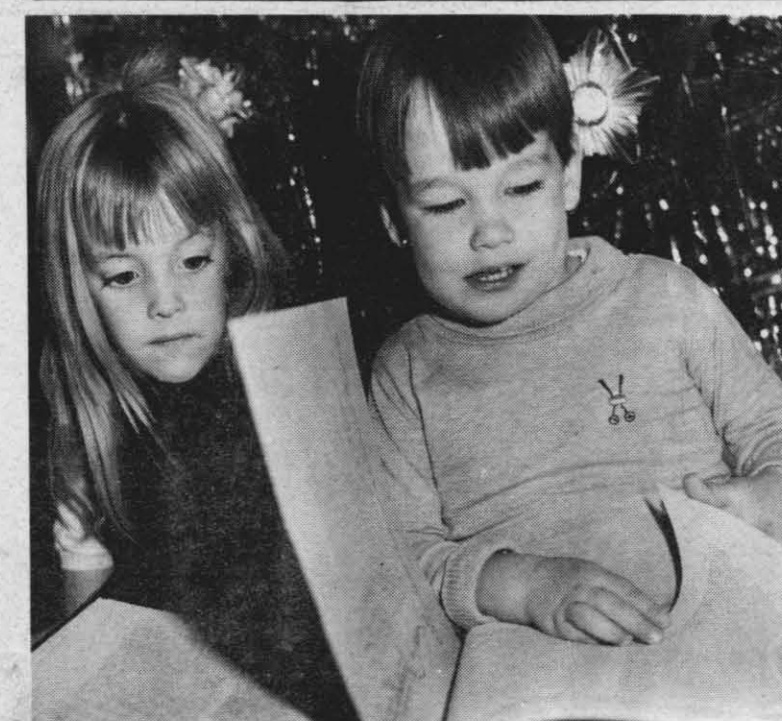
Maj. Monsell served in Southeast Asia for one year where he flew on F-105s and holds one Distinguished Flying Cross and 7 Air Medals. Capt. Walz, the only bachelor in the group, comes from the Air-to-Air Missile-Targets Division of the Air Force Armament Laboratory at Eglin AFB, Fla. While at Eglin, Capt. Walz was the project officer on the improved TDU-9-B tow target. He was also the project officer on the BQM-34F supersonic drone, and in this capacity was responsible for providing a 200 ft. scoring capability in the drone for evaluation of air-to-air missiles.

Capt. Walz holds a BSEE degree and is an avid water skier and scuba diver. While at China Lake he plans to take up snow skiing. Willis Dean graduated with a BSME from the University of California in 1959. He has worked in private industry as a design engineer, mechanical engineer, senior design engineer, until 1968 and joined the Air Force Logistics Command as a mechanical engineer in 1968. He is a former engineering manager on AGM-45, AGM-78 and AGM-12 missile systems. Dean is married to Lennie Kofter, a Netherlands West Indies girl, and the couple have two children, a daughter Leontine, 5, and a son, Michael, 2.



"IT SAYS HERE"—Ronald Brown flips the pages of a Christmas book while Cathy Spindler watches intently. The two children were photographed during the Story Hour held at the Naval Weapons Center Library for pupils of the China Lake Nursery School on Dec. 7 and 8.

Marj Cruise, Maryon Ward, head librarian, and Anita Moulton, director of the Nursery School, conducted the Christmas-oriented story time. Approximately 140 children listened to stories about Christmas being read, and were shown a candy house. Later, they found time to read picture books under the library's Christmas tree. Ronald, who will be 3 years old the 21st of this month, is a pupil in the youngest group, taught by Marsha Carter, and Cathy, who was recently 5, is a member of the oldest group of children, taught by Sheila Stedman.



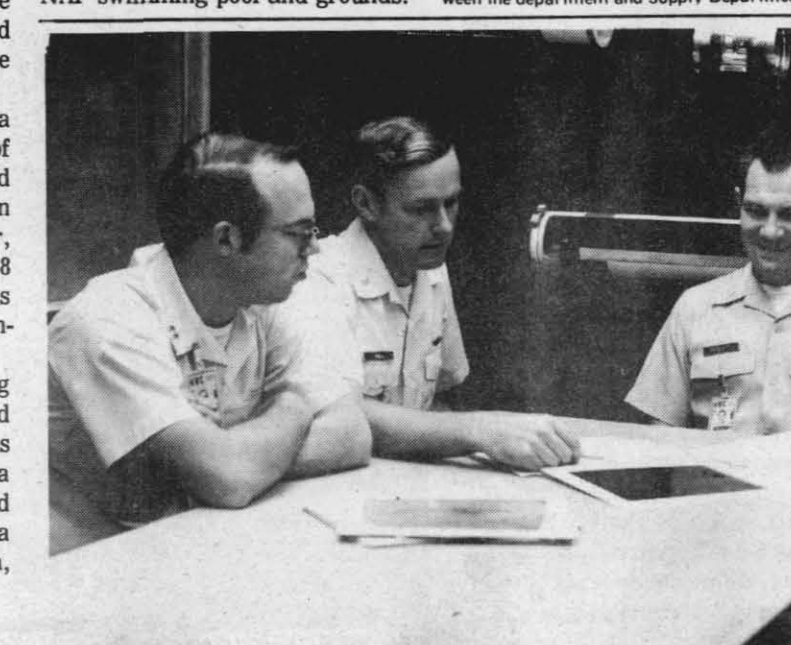
He and other crew members of the PBV to which he was assigned took off at midnight on Dec. 7 on what may well have been one of the first aerial patrols of World War II. Their mission was to locate the Japanese fleet, and they headed for Canton Island, 1,800 miles away. From Canton, the Navy patrol planes continued on to Suva and, for the next 10 days, patrolled the sea lanes in that area. Dalton remained with seaplanes and in air-sea rescue work throughout World War II, being stationed at such South Pacific pleasure spots as Tulagi, Rendova and Manus Islands, and also served throughout the Gilbert and Marshall Islands area. For a change of scenery, he also saw a few months' duty in Alaska during 1942. For 21 years Dalton remained in the Navy and was retired with the rating of chief aviation technician while serving with VX-5. Now an electronics technician with Code 4056, he has been a civilian employee at China Lake since 1958.

SeaBees Help... (Continued from Page 1) and recreation facilities for the enlisted men at the Naval Weapons Center. The program, developed here under the guidance of Lt. (jg) S. M. Ogintz, CEC, USNR, project officer in the Public Works Department, will be coordinated by his relief, Ens. D. G. Morris, CEC, USNR. The Self-Help program is not a new idea at the Naval Weapons Center or at the Naval Air Facility, where many projects have been undertaken in the past. These include the conversion of cubicles to rooms in the barracks, in order to provide enlisted men with more privacy and to improve upon the security of their personal belongings. Sailors assigned to NWC and NAF also have lent a hand previously with painting work at the NAF swimming pool and grounds.

Engineering Technician, GS-802-9 thru 12 or ELECTRONICS TECHNICIAN, GS-854-9 thru 12, PD No. 7140138, Code 4054—This position is located in the Test and Evaluation Branch of the Weapons Development Department. Incumbent will be responsible for planning, organizing, and coordinating weapon system flight test for 18 and electro-optical weapons systems at NWC and other national test ranges. Current programs include BULLDOG, CONDOR, and NIGHT ATTACK. Job Relevant Criteria: Must have thorough knowledge of radar telemetry communications and other electronic and optical instrument systems required to conduct flight test of electro-optical weapons systems. Qualification Requirements: 2 years general experience and 4 years specialized experience in accordance with CSC Handbook X-118. Clerk-Typist, GS-322-3 or 4, PD No. 7140148, Code 4014—This position is located in the Documentation Branch. Incumbent provides secretarial assistance to the branch head and clerical assistance to the branch staff, which includes a design drafting section and a configuration management section. Incumbent types technical and non-technical correspondence, types on permatform for application to engineering drawings, makes travel arrangements, prepares travel claims and maintains files. Incumbent has complete responsibility for planning, setting up and maintaining files and records, receiving and distributing mail for the branch. Experience on the magnetic Tape Selectric and Executive typewriters is desired but not necessary. Qualification Requirements: 1 year of appropriate experience for GS-3 and two years appropriate experience for GS-4. File applications with June Chipp, Rm. 206, Bldg. 34, Phone 2676. Clerk-Dictating Machine Transcriber, GS-316-3-4, PD No. 7130007, Code 3041 & 3042—This position is that of branch secretary to the heads of Lasers and Electro-Optics Branch and Weapon Control Branch, Systems Development Department. The incumbent will be required to transcribe official Navy correspondence, informal reports and administrative memoranda from an IBM dictating machine. Responsible for obtaining and assembling material for the two branch heads, and other members of the branches which will be used in conferences, reports, or travel. This material could be technical reports, correspondence, photographs, slides, vignettes, or personnel data. Miscellaneous duties as required. Qualification Requirements: 1 year for GS-3 and 2 years for GS-4 as outlined in X-118. Job Relevant Criteria: Must be a qualified typist with dictating machine capabilities. Procurement Agent, GS-1102-09, PD No. 7130155, Code 3022—Incumbent is head of the Procurement Group, Department Staff, Systems Development Department. Duties include providing technical advice and assistance in the procurement of equipment, special material and components required by the department programs. This group provides central coordinating functions between the department and Supply Department. File applications with Joan MacIntosh, Code 457, ext 2371.

PROMOTIONAL OPPORTUNITIES (Continued from page 2) Criteria: Must have a working knowledge of the Navy Supply System with particular emphasis toward the Disposal Program. File applications for above with Claire Lewis, Bldg. 34, Room 204, ext 3118. Accounting Technician, PD No. 7117035, Code 1740—This position is located in the Accounting and Disbursing Division of Central Staff. Will perform a variety of technical accounting projects relating to the analysis of accounting data, accounts examinations, reconciliations of recorded data, and preparation of special financial worksheets and statements. Assignments cover any aspect of accounting and disbursing systems and require the ability to apply basic double entry accounting procedures. Minimum Qualifications: GS-5, 2 years general and 2 year specialized, as stated in X-118. Advancement Potential: GS-7 level. File applications for above with Mary Morrison, Bldg. 34, Rm. 210, Phone 2032, Code 657. ENGINEERING TECHNICIAN, GS-802-9 thru 12 or ELECTRONICS TECHNICIAN, GS-854-9 thru 12, PD No. 7140138, Code 4054—This position is located in the Test and Evaluation Branch of the Weapons Development Department. Incumbent will be responsible for planning, organizing, and coordinating weapon system flight test for 18 and electro-optical weapons systems at NWC and other national test ranges. Current programs include BULLDOG, CONDOR, and NIGHT ATTACK. Job Relevant Criteria: Must have thorough knowledge of radar telemetry communications and other electronic and optical instrument systems required to conduct flight test of electro-optical weapons systems. Qualification Requirements: 2 years general experience and 4 years specialized experience in accordance with CSC Handbook X-118. Clerk-Typist, GS-322-3 or 4, PD No. 7140148, Code 4014—This position is located in the Documentation Branch. Incumbent provides secretarial assistance to the branch head and clerical assistance to the branch staff, which includes a design drafting section and a configuration management section. Incumbent types technical and non-technical correspondence, types on permatform for application to engineering drawings, makes travel arrangements, prepares travel claims and maintains files. Incumbent has complete responsibility for planning, setting up and maintaining files and records, receiving and distributing mail for the branch. Experience on the magnetic Tape Selectric and Executive typewriters is desired but not necessary. Qualification Requirements: 1 year of appropriate experience for GS-3 and two years appropriate experience for GS-4. File applications with June Chipp, Rm. 206, Bldg. 34, Phone 2676. Clerk-Dictating Machine Transcriber, GS-316-3-4, PD No. 7130007, Code 3041 & 3042—This position is that of branch secretary to the heads of Lasers and Electro-Optics Branch and Weapon Control Branch, Systems Development Department. The incumbent will be required to transcribe official Navy correspondence, informal reports and administrative memoranda from an IBM dictating machine. Responsible for obtaining and assembling material for the two branch heads, and other members of the branches which will be used in conferences, reports, or travel. This material could be technical reports, correspondence, photographs, slides, vignettes, or personnel data. Miscellaneous duties as required. Qualification Requirements: 1 year for GS-3 and 2 years for GS-4 as outlined in X-118. Job Relevant Criteria: Must be a qualified typist with dictating machine capabilities. Procurement Agent, GS-1102-09, PD No. 7130155, Code 3022—Incumbent is head of the Procurement Group, Department Staff, Systems Development Department. Duties include providing technical advice and assistance in the procurement of equipment, special material and components required by the department programs. This group provides central coordinating functions between the department and Supply Department. File applications with Joan MacIntosh, Code 457, ext 2371.

Electronics Technician GS-854-7 through 11 PD No. 7055063-1 Code 5522 (2 positions)—Located in Electronics Br., Electromechanical Div., Engineering Dept. Incumbent performs design work in areas of (1) electronic circuits (2) test equipment (incl. test circuits) and (3) packaging of electronic circuits. Working from his own design sketches or those of an engineer procures and assembles components for fabrication of breadboard and prototype models of electronic equipment. Following design and fabrication stages determines the operational characteristics of the design as function of electrical variations of individual components of the circuit and environmental conditions. Analysis of test data is also a function. Minimum Qualifications: GS-7, 2 yrs general plus 3 yrs specialized experience; GS-8 & above 2 yrs general plus 4 yrs specialized. One year of experience at next lower grade or 2 yrs at second grade. GS-9 and above 1 year of experience must be directly related to duties of position. Job Relevant Criteria: Good understanding of basic engineering mechanics, mathematics, elementary physics, electricity, semiconductor electronic circuitry, and test equipment. Working knowledge of basic missile guidance and fire control systems. 1 year of experience must have been in area of semiconductor circuits. Specifically, those circuits used to process and control high speed (fast rise and fall time) video pulses. Electronics Technician GS-854-7 through 11 (2 positions) PD No. 7055062-3 Code 5522—Located in the Guidance Evaluation Branch, Electromechanical Division, Engineering Department. Incumbent functions in this branch by performing system tests, designing and constructing special circuits, repairing any detected or designated malfunctions, and analyzing, as required, any work he has done on the guidance control group or ground support equipment of these infrared detecting missiles. Writes reports in the form of recommendations, proposals, designs, and plans. Minimum Qualifications: GS-7, 2 yrs general plus 3 years specialized experience; GS-8 and above 2 years general plus 4 years specialized. 1 year of specialized experience at next lower grade or 2 years at 2nd lower grade. For GS-9 and above at least 1 year of specialized experience must be directly related to the duties of this position. Job Relevant Criteria: Recent and progressive Sidewinder-Chaparral experience is highly desirable but not essential. Must possess ability to perform mathematical calculations required for the design test arrangements and equipment. Ability to meet and converse with all types of personnel and express thoughts clearly. Electronics Engineer GS-855-9-10-11 (2 positions) PD No. 7055026-2 Code 5522—Located in Guidance Evaluation Br., Electromechanical Div., Engineering Dept. Incumbent is responsible for the resolution of electronic production engineering problems encountered in air-to-air and ground-to-air missile Guidance Control Groups by the design, redesign, evaluation, and analysis of data of tests run on these units. Required also is the installation and programming of a data analysis and storage system compatible to the existing test units. Design and construction of electronic interfaces for analog/digital systems will also be required. Liaison is performed with, and consultation is given to contractors, other governmental agencies, engineers and scientists of Center developmental groups. Prepares progress reports periodically on his projects. Minimum Qualifications: B.S. degree in electronic or electrical engineering or equivalent, professional experience as follows: 1 yr GS-7, 2 yrs GS-8, 3 yrs GS-9, 1 year at 2nd lower grade for all levels. Job Relevant Criteria: Recent and progressive Sidewinder-Chaparral experience is highly desirable but not essential. Requires experience in production engineering and digital computers, and coordinating all activities of a project. File applications for above with Joan MacIntosh, Code 457, ext 2371.



AIR FORCE TEAM CONFERS—Members of the U. S. Air Force AIM-9L Sidewinder team at China Lake, confer on a problem. Pictured from left are Capt. J. M. Walz, Maj. M. D. Hall, Maj. R. L. Monsell and Willis M. Dean. The men are part of the development effort under the direction of James Bowen.