

TWENTY YEARS SERVICE HONORED — F. A. Chenault, (far right) Head Engineering Department recently presented 20 year NWC and Federal Civil Service pins to civilian employees of the Engineering Department. Recipients are, (l-r) Thornton Hilborn (Fed), Thomas Jones (NWC), Roy Wil-

liams (NWC), Lester Dalton (Fed), Alexander Kowalsky (NWC), Freddy Bowlin (Fed), Norbert Hartman (Fed), Eugene Cowley (NWC), Leroy Ellis (NWC), Robert Downing (NWC), Harry Keyzers (Fed), and William Danley (NWC). Not present for picture, Charles Ulrich, 20 years NWC.

Chaparral Features Western Band

The popular Hollywood R.F.D. Country Western Band will return to the Club Chaparral this Saturday night, August 10, from 9 p.m. until 1:30 a.m., the Club manager said today.

"Club Chaparral is pleased to present this outstanding band which has performed world-wide, including four trips to Viet Nam to entertain our troops over there. Their versatility with modern and coun-

try western songs has made them very popular with people of all ages," he added.

Veal cutlets is the special being served Saturday evening in the Red Carpet Room between 6 p.m. and 9 p.m. The regular menu will be available also.

All military and civilian personnel attached to NWC are invited to attend. Dress will be country western or casual.

Dependent School Med. Exams Set

The Medical Department announces that required school physical examinations will be conducted at the NWC Dispensary for eligible dependents on August 14 and 15.

All examinations will be by appointment. Telephone Ext. 72911, after 10 a.m., to make appointments according to the following schedules:

Examinations will be conducted for pre-schoolers (boys and girls) on Wednesday, August 14, from 8 a.m. to 11 a.m.

Boys and girls of elementary school will be examined on Wednesday, August 14, from 1 p.m. to 4 p.m.

Junior high, high school and college boys are scheduled for Thursday, August 15 from 8 a.m. to 11 a.m.

Girls attending junior high, high school and college are scheduled for Thursday, August 15, from 1 p.m. to 4 p.m.

Lt. J. T. Lewis, Center Dispensary Administrative Officer, emphasized that all examinations will be conducted by appointment.

CROSSWORD PUZZLE

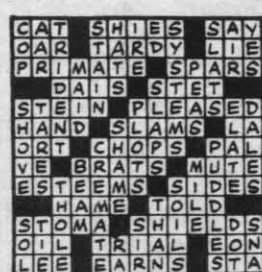
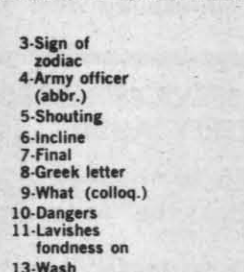
Answer to Previous Puzzle

ACROSS

- 1-Arouse to action
- 6-Slumber
- 11-Strike out
- 12-Foam
- 14-Butter substitute (colloq.)
- 15-Capital of Tibet
- 17-A state (abbr.)
- 18-Chinese pagoda
- 19-Sow
- 20-Metal fastener
- 21-Latin conjunction
- 22-Canonized person
- 23-Cloth measure (pl.)
- 24-Searching
- 26-Stop
- 27-Zest
- 28-Arrow
- 29-Chairs
- 31-Mollify
- 34-Path
- 35-Gun
- 36-Bone
- 37-Man's name
- 38-Partners
- 39-Humorist
- 40-Pronoun
- 41-Kind of cloth
- 42-Diminish
- 43-Most recent
- 45-Operator
- 47-Remains at ease
- 48-Satiated

DOWN

- 1-Tell
- 2-Appellation of Athens



Distr. by United Feature Syndicate, Inc. 30
For Use in Authorized Service Newspapers Only.

SHOWBOAT

FRIDAY AUGUST 9

"COOL HAND LUKE" (126 Min.)
Paul Newman, George Kennedy
7:30 P.M.

(Drama) Rebellious Luke draws a sentence on a Southern chain gang where he combats every effort to bring him "in line." His escape and escapades are both hilarious and pitiful. A solid story of men—for men. Academy caliber! (Adult.)

SATURDAY AUGUST 10

—MATINEE—
"SEVEN DWARFS TO THE RESCUE" (84 Min.)

Shorts: "Outside Dope" (7 Min.)
"Trader Tom, No. 9" (13 Min.)
1:00 P.M.

—EVENING—

"THE PERILS OF PAULINE" (99 Min.)
Pat Boone, Pamela Austin
7:30 P.M.

(Comedy) Pretty Pamela (Dodge wants YOU), and Pat, play grown-up orphans with the, the richest man in the world, and she, the victim of a series of howling perils. Hiss the villain in this unusual dingo-along comedy with song. (Adult, Youth, Children.)

Short: "Flying Fisherman" (10 Min.)

SUNDAY-MONDAY AUGUST 11-12

"HOW TO SAVE A MARRIAGE AND RUIN YOUR LIFE" (101 Min.)
Dean Martin, Stella Stevens
7:30 P.M.

(Comedy) Nothing but fun results when Dean attempts to solidify his buddy's marriage by proving the pal's mistress is unfaithful. And he picks the wrong girl! A kooky laughfest on marriage and non-marriage romances. (Adult, Very Mature Youth.)

Shorts: "Racing to the Top" (10 Min.)

TUESDAY-WEDNESDAY AUGUST 13-14

"MADIGAN" (100 Min.)
Richard Widmark, Inger Stevens, Henry Fonda
7:30 P.M.

(Drama) New York City detective loses his gun to a murder suspect and is given just 72 hours to arrest him, in this story of the inner workings of the police. A hard-hitting tale that pulls no punches and is lifelike in telling. (Adult, Very Mature Youth.)

Shorts: "Rushing Roulette" (Roadrunner, 7 Min.)
"Divided City" (8 Min.)

WEDNESDAY AUGUST 14

—SPECIAL MATINEE—
"BEN AND ME" (32 Min.)
"THE SEA AROUND US" (62 Min.)
1:00 P.M.

THURSDAY-FRIDAY AUGUST 15-16

"DON'T JUST STAND THERE" (100 Min.)
Robert Wagner, Mary Tyler Moore
7:30 P.M.

(Comedy) When a pretty tourist tries to get a handsome writer to finish a spicy novel for a friend of hers, she ends up getting the poor guy all mixed up in a French gangster mob, kidnapping and murder! But it's all in fun. (Adult, Very Mature Youth.)

Short: "Faudin' Fight'n' N' Fuss'n'" (7 Min.)



GETTING ACQUAINTED WITH HIS NEW OFFICE—Captain C. R. Lee, Director of Supply, begins work in his office at the new Supply Department building at 60 Blandy. Components of the Supply Department, formerly located in the Administration Building and Dorm No. 9, were moved into the new building last week and are enjoying the newly-decorated and spacious offices provided by the move. In addition to the offices there are conference, storage and office supply rooms and a comfortable ladies' lounge. Supply Department Divisions involved in the move, in addition to Captain Lee, is Commander W. R. Guffy (Deputy Director of Supply) and their secretary, Pat Kendall, and the Planning, Technical, Control, Procurement Management and Administrative Divisions.



A NEW LOOK at the Enlisted Men's Club is approved by visitors. Inspecting the rearanged clubroom are from the left, Lt.(jg) Jon Bergstrom; Assistant Public Works Officer Lcdr. J. S. Loomis; Navy Exchange Officer Lcdr. B. S. Carmody, and Execu-

tive Officer Capt. R. Williamson, II. In the foreground is Club Manager SH-1 Tom Moser. Job of planning and accomplishing the improvements to the EM Club was completed recently by Public Works Department to gain floor space for club activities.

Blue Cross Ins. Agent At Community Center Wednesday, Aug. 14

Norman R. Smith, Blue Cross-Blue Shield (Service Benefit Plan) representative from Bakersfield, will be aboard the Center on Wednesday, August 14 at the Community Center from 9 a.m. to 4 p.m., according to T. J. Haycock, Head, Employee-Management Relations.

From _____

TO _____

STAMP



ARMY RESERVE R&D OFFICERS FROM 20 STATES VISIT MICHELSON LABS ON RECENT ORIENTATION TOUR.

TEMPERATURES

	Max.	Min.
Aug. 2	100	72
Aug. 3	100	70
Aug. 4	100	68
Aug. 5	100	69
Aug. 6	100	69
Aug. 7	95	71
Aug. 8	99	72



Vol. XXII, No. 32 Naval Weapons Center, China Lake, California Fri., Aug. 9, 1968

AO-2 Robert D. Plotkin of NAF Named Center's Best for Aug.

Plans Return To University After Navy Tour

BY JOAN RABER

Robert D. Plotkin, an aviation ordnanceman second class at the Naval Air Facility Weapons Division, has been chosen Bluejacket of the Month for August.

AO2 Plotkin, 25, is a bachelor bluejacket born in Chicago, Illinois, but calls Miami, Florida, his home town. He arrived at the Naval Weapons Center in August of 1966 with training from "AO," a school where he was graduated top man in his class.

"I enjoy my work here a great deal — there's never a dull moment handling new and interesting weapons and a guy just couldn't ask for a nicer bunch of people to work for and with," says Plotkin about his assignment of maintaining fighter aircraft, and testing, assembling and loading of weapons at the Naval Air Facility.

Bob Plotkin feels he has been fortunate in meeting an especially nice family here. "About a year ago I happened to meet the vice mayor of Ridgecrest, Elliott Fox, and his family. Since then I've grown fond of them, and especially his daughter, Terry. They have gone out of their way to extend all the comforts to me and I really have never met such a warm and gracious family as theirs. If every serviceman away from home could meet people just half as nice there would never be such a thing as homesickness."

In Florida, Plotkin did quite a bit of deep-sea fishing for sailfish, marlin and dolphin. Here he enjoys fishing at nearby Lake Isabella for the smaller varieties of fresh water fish. In addition to fishing, Plotkin lists skiing, hunting, bowling, citizen's band radio operation, and portrait photography as his hobbies.

"My brother, also a camera fan, was instrumental in my achieving an avid interest in photography. I do all my own processing and printing which takes up a lot of my free time.



THE RIGHT ANGLE — Bluejacket, AO-2 Robert Plotkin sets up camera and lights to shoot a portrait of his model, Terry Fox, a participant in the 1968 Miss Ridgecrest-China Lake Pageant. Photography is one of

Plotkin's several hobbies (can you blame him fellows?) pursued after his regular duties as an Aviation Ordnanceman at the Naval Air Facility.

—Photo by PH-1 Gary D. Bird

"My next step will be getting into color photography, which I hope to do within a couple of months. I believe portraiture is the greatest challenge for me in my photographic interests and I've always been a great admirer of the masterful camera work of Karsh of Ottawa."

After his tour in the Navy, Bob hopes to return to the University of Miami to complete the year and one-half of

college he needs to earn a degree in business administration. Upon graduation he plans to enter his father's carpet business in Miami.

Friday, August 30, Plotkin will travel to Bakersfield where he will be the guest of honor for the weekend of the Greater Bakersfield Chamber of Commerce.

Lodging and meals for the weekend will be provided by the Rancho Bakersfield Motel.

While in Bakersfield he will have a new car at his disposal supplied by Three Way Chevrolet. He will be presented with a hospitality kit of gift certificates from Brock's Department Store, the Valley Office Supply, the Cue Ball, and the Kern County Museum.

KERO-TV will feature Robert Plotkin as NWC's Bluejacket of the Month in a news broadcast interview.



AIAA INSTALLS NEW OFFICERS — The local chapter of the American Institute of Aeronautics and Astronautics recently installed new officers at their annual installation dinner at the Officers' Club. Shown above, (l-r) they are Patrick Hall, outgoing

treasurer; Bertha Ryan, incoming treasurer; Dwight Weathersbee, previous secretary; William Werback, outgoing vice chairman; Harold Platzek, incoming chairman; Herman Hoffman, incoming director; and Fred Zarlingo, outgoing chairman.

Army Reserve R&D Officers Tour Facility

Col. Jaroslav V. Klima, USAR, of Huntsville, Ala., headed a group of 33 Army Reserve R&D officers and enlisted men from 20 states and the District of Columbia on their visit to the Naval Weapons Center last Thursday.

Tour supervisor for the group's visit was Capt. Henry R. Blecha, USAR, officer in charge of the local Detachment 1 of the 6160th USAR R&D Training Unit. He is employed in the Guidance Branch of the Engineering Department.

The group is one of three groups participating in a two-week Sixth Army R&D Conference being conducted at the California Institute of Technology in Pasadena. The conference ends today. While the China Lake group was on its tour the other groups visited the Pacific Missile Range and Edwards Air Force Base, respectively.

There are 76 research and development units throughout the nation with a membership of approximately 1,200 reservists. Their skills range from astronomy to zoology, their ranks from private to brigadier general.

In civilian life they are scientists, engineers, professors, legislators, department directors, and industrial managers. About 97 per cent of the members have at least a bachelor of science degree. Roughly 20 per cent have Ph.D. degrees, 33 per cent have an M.S. degree, and 14 per cent have taken graduate courses toward doctorates. About 45 per cent have taken or are currently enrolled in courses for M.S. and M.E. degrees.

The visitors were welcomed to NWC by Capt. Robert Williamson II, executive officer, and heard presentations on Weather Modification by Dr. Sheldon D. Elliott, Jr. of the Research Department and the Helicopter Trap Weapon by Moyle L. Braithwaite of the Weapons Development Department.

In addition, the Fuel - Air Explosive Program was outlined for the visitors by Michael H. Ale of the Propulsion Development Department while Kenneth W. Specht, of the Aviation Ordnance Department briefed them on the Special Weapons Program. The Chaparral Program was outlined by Paul C. King of the Weapons Development Department.

The U.S. Army Reserve Research and Development program is sponsored by the Office of Chief of Research and Development, Department of the Army, according to Capt. Blecha.

The program aims to provide a nucleus of trained scientists to fill Army mobilization needs in case of war or other national emergency, Capt. Blecha pointed out.

Local Army, Navy, and Air Force reservists interested in finding out more about the program may contact Blecha at 375-7808.

The first satellite to use nuclear energy as the only source of power was Navy navigational satellite 5BN-1, launched in September 1963.

CHAPLAIN'S MESSAGE

God's Children

By Chaplain Robert D. Aldrich



Last Friday I waited in the bus station in Mojave for the ride up to China Lake, and witnessed something that you and I see all too often. A little three-year-old boy stood on some suitcases near the pay phone, pulled the receiver off the hook, and let fly into the mouthpiece a stream of profanity. His mother rushed over, and indignantly walloped him on the bottom, bringing tears and sobs. But it hurts me to see children hurt like that.

I stood at the intersection of two halls in the Museum of Science and Industry in Chicago a week ago Saturday, and saw a child of about eight stomping and screaming. Finally, being exhausted from the shouting and crying, his whole body shaking with sobs, he dropped on his knees and buried his face in his hands. You see, he was utterly lost. How it grieves me to see a lost child.

But when, dear friends, are we going to understand that this is the way our Heavenly Father feels about all His children, which includes you and I?

The so-called parable of the Prodigal Son expresses this quite well. I say so-called, because I think we have too long missed the real meaning of Jesus' parable. (Read it again in Luke 15:11-32.) I agree with Dr. Helmut Thielicke, German theologian, in calling it the parable of the Waiting Father. I call it the parable of the Loving Father, too.

Remember, it was the father who let the son go, into what he thought was freedom; it was the father who ran out to meet him when he came back, remembering the good things he once had at his father's house.

The issue is not the repentance of the prodigal, but the joy of the father; it is not of the faithlessness of the son, but of the faithfulness of the father.

Why do we continue to refuse to return home ourselves? Why do we always want to act like the elder brother, and refuse to love those who are slightly different than we are? Is it that we haven't really accepted the way of Jesus, of repentance and complete forgiveness?

Well, the house of God is wide open now that Jesus Christ has come to our world. We have the privilege of the Father's house — we have free run of it. We all share in the good things of God. And the Father eagerly waits for our return to it. "You can come home again. Come on home," he says.

Our only orders are: you return home, because God doesn't want His children lost; you love all men, because God accepts them all, no questions asked.

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available at the library.

Fiction

Atkinson—The Games.
Baker—The Penny Wars.
The Best From Fantasy & Science Fiction. 17th Series, 1968.
Gass—In the Heart of the Heart of the Country.
Llewellyn—The End of the Rug.

Non-Fiction

Bailey—Democrats vs Republicans.
Cooper—Aerobics.
Gurtov—The First Vietnam Crisis.

Levant—Unimportance of Being Oscar.

Scharif—Glacier National Park.

Watson—The Double Helix.

Burke—Ocean Sciences, Technology, and the Future International Law of the Sea.

Glamour—Beauty Book.

Gretton—Maritime Strategy.

Morris—Naked Ape.

Shoestrom—Man, the Manipulator.

Sunset—Southern California.

von Braun—History of Rocketry and Space Travel.

Williams—The Mysterious West.



DIVINE SERVICES

Protestant—(All Faith Chapel)—Morning Worship—8:15 and 11 a.m.
Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant.

Roman Catholic (All Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m.

Confessions—7 to 8:00 p.m. Saturday.

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

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

Unitarian Fellowship—For information write P. O. Box 5436, China Lake, or phone NWC Ext. 725591.

The Rocketeer

Official Weekly Publication
NAVAL WEAPONS CENTER

China Lake, California

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NWC Commander

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PH2 Kenneth Stephens, PHAN Mike F. Kraus.

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

The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritzen.

Phones—71354, 71655, 72082

PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

The vacancies listed here are effective from August 9 to August 16, 1968.

Motion Picture Production Specialist, GS-1071-07-11, (one vacancy), Code 7522 — Position is in the Documentary Film Branch. Incumbent, as Cinematographer — Editor, is responsible for various photographic and editorial assignments and for overseeing maintenance and security of photo gear and sound stage. Photo assignments will include some animation photography. Qualifications: Four to six years experience in cinematography and experience (or education) in editing sound films, including A-B cutting. Degree preferred.

File applications for the above with Shirley Houser, Bldg. 34, Rm. 28, Phone 72218. Automotive Equipment Serviceman, JD No. 142-1, Code 707 — Services automotive equipment with gasoline, checks oil level, checks all, checks radiators, cleans windshield, checks tires, and checks batteries. Lubricates automotive equipment and changes and patches tires and tubes. Qualifications: Applicants must have had not less than six months of experience as a service station attendant, or laborer in the automotive field. Substitution of six months training in a resident automotive trade school may be substituted for the six months of required experience.

File applications for the above with Shirley Houser, Bldg. 34, Rm. 28, Phone 72218.

Joiner, JD No. 196-3, Code 70411 — Constructs, installs and repairs cabinet work furniture, displays, models, and similar items. Also may construct and install doors, door jams, locks, panic hardware, sash, screen doors, picture frames, and a d counter tops including the formica, minor framing and construction. Qualifications: Applicants must have had four years of practical and progressively responsible experience, which may have included an apprenticeship in the joiner trade. The following types of experience may be substituted for not to exceed one year of the required four years' experience: Boatbuilder; cabinetmaker; carpenter and millman.

File applications with Dora Childers, Bldg. 34, Rm. 32, Phone 71393.

Clerk-Typist, GS-322-4, Code 5562 — Incumbent provides secretarial and clerical support for the Branch Head, and Branch personnel as needed. Incumbent edits, types and distributes finished correspondence and other written material originated by members of the Branch, including off-center correspondence and on-center memoranda. Determines that format, grammar, spelling and distribution are correct and meet established requirements.

File above applications with Pat Gault, Bldg. 34, Rm. 34, Phone 71514.

The Application for Federal Employment is now Standard Form 170. Since July 1 this short, easy to complete Application has been available for use by persons looking for job opportunities. A longer form, SF 171, Personal Qualifications Statement, is to be used with Civil Service examinations, and when employers express an interest in your qualifications and request more detailed information about you.

These new forms can be secured at the reception desk of the NWC Personnel Department.

Assessments Due

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that Assessments 157-85 are now due.

Assessments have been levied due to the death of Paul E. Carson, employee of the Air Conditioning and Refrigeration Division, who succumbed Wednesday, July 31, at the Antelope Valley Hospital, Lancaster, Calif.

Payments of \$1.20 may be mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw, China Lake.



GOLD BARS EXCHANGED FOR SILVER — Capt. R. F. Schall (r), Naval Air Facility Commanding Officer and Mrs. Aunes do the honors of pinning on new collar bars signifying the promotion of Harry L. Aunes to Lieutenant, Junior Grade. Lt.(jg) Aunes, Assistant Personnel Officer for NAF, received his commission in April 1967 through Officer Candidate School at Newport, R.I. He is a graduate of Cornell University and reported aboard June 23, 1967.

DOD Reminds Civilian Personnel Of Riot, Civil Disorders Law

The Department of Defense has sent a reminder to civilian personnel regarding provisions of Public Law 90-135, Section 7313 on riots and civil disorders. The new section became part of the law on June 19, 1968.

A memorandum from W. J. Abernethy, director of personnel, Assistant Secretary of Defense (Administration), states that the law "affects all government employees."

The memorandum, addressed to "all civilian personnel," notes that significant requirements of the statute are contained in Section 7313.

The section states that an individual convicted by any federal, state, or local court of competent jurisdiction of —

- (1) Inciting a riot or civil disorder;
- (2) organizing, promoting, encouraging, or participating in a riot or civil disorder;
- (3) aiding or abetting any person in committing any offense specified in clause (1) or (2); or
- (4) any offense determined by the head of the employing agency to have been committed in furtherance of, or while participating in, a riot or civil disorder;

shall, if the offense for which he is convicted is a felony, be ineligible to accept or hold any position in the government of the United States or in the government of the District of Columbia for the five years immediately following the date upon which his conviction becomes final.

Any such individual holding a position in the government of the United States or the government of the District of Columbia on the date his conviction becomes final shall be removed from such position.

The memorandum explains that for the purposes of Section 7313, "felony" means any offense for which imprisonment is authorized for a term exceeding one year.

Provisions of the new section 7313 apply only to acts committed after the date of enactment, June 19, 1968, the memo states.

The provisions apply to the acts of both federal employees and applicants for federal employment committed after the enactment date. Acts committed on or before the date of enactment, while not subject to the new section, may be the basis of disciplinary action under present disciplinary procedures.

AIR TAXI SERVICE SCHEDULE
CABLE COMMUTER AIRLINES

Effective August 2, 1968

NORTHBOUND		Flight	Lv.	Arr.
		No.	LAX	Inyokern
Monday through Friday	520*	1000	1110	
Sunday through Friday	540	2030	2135	
SOUTHBOUND		Flight	Lv.	Arr.
		No.	Inyokern	LAX
Monday through Friday	521	1120	1230	
Sunday through Friday	541*	2140	2250	

*These flights covered by five-seat guarantee clause.

There is no regularly scheduled bus service between the Naval Weapons Center and Inyokern Airport. Reservations for air taxi service and for transportation to and from Inyokern Airport should be made during the work week with the Travel and Transportation Branch, Code 8517.



INDIAN WELLS VALLEY ALL STARS — The Colt League All Star team competed in a tournament in Sylmar on July 18, 19 and 20. They defeated Sunland-Tujunga 8-3 with a grand slam homer, but were eliminated by Mid-Valley. Team members included (front row, l-r) Kennard Horsley, David Williams, Bob Hoagland, Don Taylor, Jimmy Brown, Bobby Nelligan, and Don Branson. In the back row (l-r) are Coach Robert L. Brown, Mark Barkemeyer, Danny Mercado, Jerry Crow, Gary Debbs, Steve Roberts, Bob Byrd, Tracey Fifer, and Manager Harold Crow. Not in the photo, but on the field was Rick Telles.

—Photo by PHAN Michael Krause

Novice Swimmers Clean Up In Bakersfield Competition

With its roster of novice-class swimmers gradually running out, the Indian Wells Valley Swim Team still managed to win more than its share of the honors at the annual Kern County Novice Meet last Saturday. Competing against youngsters from seven other recreational districts, the red-suited took blue ribbons in 19 of the day's 62 events.

Since entries in novice events are limited to swimmers who have not placed third or better in that stroke, many local swimmers who have dominated recent county meets were sidelined. A few showed up to swim their poorer strokes, and some managed to place themselves out of novice class events forever.

New record times for the meet were posted by Jane McGlothlin in 50 yd. backstroke and Peter Jahsman in 25 yd. butterfly.

Winners in individual events included Peter Jahsman, Laurie Adicoff and Jean Chatterton in butterfly; Mary Kay Porter, Jane McGlothlin, and Kathy Knemeyer in backstroke; Clayton Bustard, Tad Allan and Jane McGlothlin in breaststroke, and Steve Hamm, Tad Allan and Eric Bjorklund in freestyle.

Softball League

BATTING AVERAGES	
Lyons, VX-5	.418
Brown, El Rancho	.418
Aucuin, VX-5	.405
Underwood, Engineers	.400
Palmer, Ace TV	.386
Smith, Ace TV	.380
Sichley, NAF	.371
Dowda, El Rancho	.368
Newmyer, Engineers	.365
McGaw, NAF	.356

RUNS BATTED IN
Carson, Ace TV, 22; Smith, Ace TV, 21; Crager, Engineers, 21; Aucuin, VX-5, 21.

HOMERUNS
Carson, Ace TV, 7; Smith, Ace TV, 7; Galvin, VX-5, 6; Beasley, NWC, 6.

PITCHING
Andreasen, Ace TV, 19-3; Galloway, Engineers, 17-3.

STRIKEOUTS
Galloway, Engineers, 209; Andreasen, Ace TV, 153.

STANDINGS		W.	L.	GB
Ace TV	19	3	—	
Engineers	19	3	—	
El Rancho	16	6	3	
Magic Cleaners	10	12	9	
VX-5	9	14	10 1/2	
Genge	7	14	11 1/2	
NAF	7	15	12	
NWC	1	21	18	

NEXT WEEK'S SCHEDULE
August 12—NWC vs. Engineers, El Rancho vs. NAF.

August 13—VX-5 vs. Magic Cleaners, Genge vs. Ace TV.

August 14—Genge vs. El Rancho, Engineers vs. Magic Cleaners.

August 15—NAF vs. Ace TV, VX-5 vs. NWC.

thy Knemeyer in backstroke; Clayton Bustard, Tad Allan and Jane McGlothlin in breaststroke, and Steve Hamm, Tad Allan and Eric Bjorklund in freestyle.

The top medley relay teams were: 8-and-under Boys (Ricky De Marco, Clayton Bustard, Peter Jahsman, Steve Hamm), 8-and-under Girls (Mary Kay Porter, Lisa Smith, Carol Boyd, Sue Karlstrom), 9-10 Girls (Patty Braun, Mary Lou Mello, Laurie Adicoff, Susan Green), and 15-16 Girls (Mary Heddel, Susan Rungo, Debby Keosky and Jean Chatterton).

Freestyle Relay winners were 8-and-under Boys (Steve Hamm, Bob Gilmer, Ricky De Marco, Peter Jahsman), 9-10 Girls (Patty Braun, Susan Green, Mary Lou Mello, Ronnie Sue Kaufman), and 11-12 Boys (Chris Moore, John Smith, Keith Adicoff, Steve Forrest-er).

This Saturday the local group face four visiting teams in the second annual Russ Bjorklund Invitational Meet being sponsored by the China Lake Rotary Club at the Officers' Club pool.

Desert Div. Sets Placement Tests

The Desert Campus of Bakersfield College announces that students will require two evenings next week to complete placement tests. The tests will be given Wednesday, August 14, and Thursday, August 15 at 6 p.m. in the multi-use room on the Burroughs High School campus. Most students will finish by 8:30 p.m. on Wednesday and by 7:45 p.m. on Thursday.

Jr. Student Union Dance Tomorrow

Youth Director, Richard Wadman announces that there will be a Junior Student Union Dance for 7th and 8th graders at the Community Center this Friday, August 9 from 7:30 p.m. until 10:30 p.m.

Music will be provided by a popular local music group. The Copyrights. Admission is \$1.00. Dress will be casual.

SAFETY TIP

Snoozing while cruising leads to bruising or worse. If you get tired or feel sleepy, pull well off the highway and take a rest and then continue on your way. You may lose a little "life" time but not all at once.

Warriors Squeak By DOB'S

The DOB's who have been known for their serious ball playing, really got down to serious ball and almost turned the tide against the undefeated Watusi Warriors in the first of last Friday night's "slopitch" league.

The Warriors capitalized on three errors in the 2nd inning to push across two runs. In the third inning the DOB's "Willie" Cradock led off with the only hit off the Warriors ace "Iron Arm" Davis. A walk to Don Winter, a sacrifice-bunt, an error and alert base running produced the tying runs for the serious minded DOB's.

What proved to be the winning run for the Warriors came in the fourth when "Dopper" Doppertuhl led off with a single and was moved around to third on a fielder's choice, and a pass ball.

"Iron Arm" Davis then won his own ball game by driving one sharply past the outstretched stomach of "Coach" Barker. Losing pitcher Dick Reade pitched one of his strongest games of the season, yielding only seven hits and collecting a pair of strike outs.

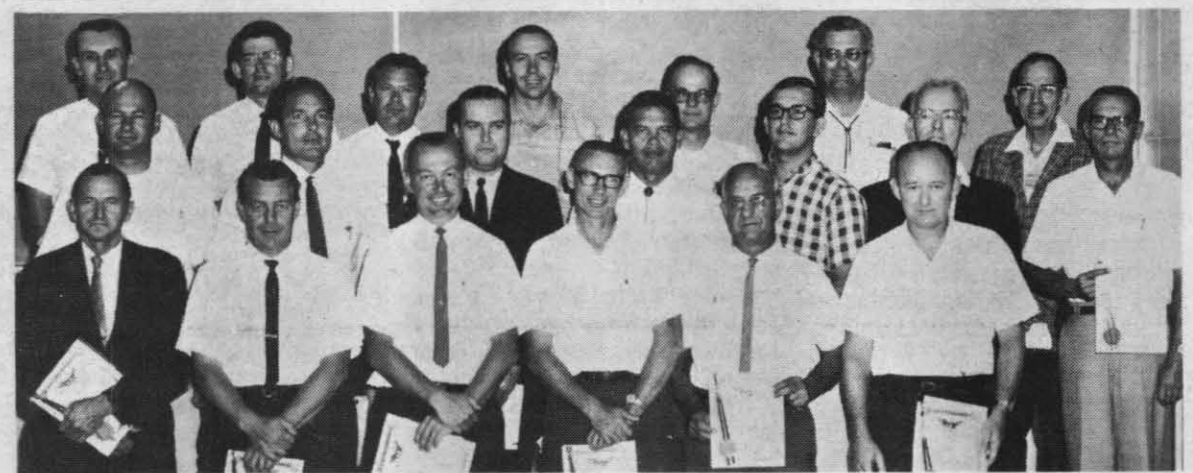
The Warriors victory insured them of the league's first place slot.

ed them of the league's first place slot.

The nite-cap saw the Lardos come from behind three times to finally down the Marauders in extra innings. With the score tied at the end of regulation seven innings, at 11-11, the Lardos gave up a run in the eighth on a single and two stolen bases by "Lassie" Collie, who then scored on a sacrifice fly. The Lardos roared back in the bottom of the eighth to tie it again on a walk to "Gabby" Hayes, and a clutch single by Hollor.

However the Marauders weren't through, as "Mouth" Sorenson led off the ninth inning with an inside the park home-run. This was followed by three consecutive singles by Nickell, "The Savage," and Collie, to give the Marauders a two-run lead in the 9th.

The Lardos weren't to be denied, as "Burgie" Burmeister, and Blecha rapped back to back singles; a walk to Baxter, coupled with Marauder throwing errors pushed the winning run across for the Lardos. Baxter was credited with the win, while Marquart was given the loss.



NWC INVENTORS RECEIVE AWARDS—Awards totaling \$1,400 were presented by Capt. R. Williamson, II, NWC Executive Officer, to 27 Center scientists and engineers for their inventions at a ceremony held July 23, in Michelson Laboratory. They are (front, l-r) Lee Humiston, Kenneth Thorsted, Robert Dillinger, Jimmie Craig, Leo Kielman, and Lyman Vance. (Middle row, l-r) Walt Freitag, Kenneth Bryant, Robert Swallow, Clayton Panlaqui, Sam Miller, David Kermode, Hubert Ross, and (back, l-r) Everett Bens, Carl Morley, William Woodworth, Wayne Carpenter, William Finnegan, Otho Hart, Lohr Burkhardt. Not present for picture, Joseph Brugler, Lawrence Biggs, Leroy Krzycki, Clinton Spindler, Lawrence Maschoff, Thomas Garcia, and Ronald Henry. Patents, cash awards and notices of allowability were awarded.

MINOR LEAGUE CHAMPS

A fifth inning grand slam home run by White Sox pitcher Dickie Phillips broke up a tie ball game with the Eagles last Friday and paved the way to an eventual 10-8 victory and the 1968 Minor League championship.

The Eagles, first-half winners, took a 4-0 lead in the second inning on hits by Willet and Mike Smith. The White Sox broke into the scoring column in the third inning when Crutchfield's triple to center field scored Freeman. Crutchfield later stole home to score the second run for the Sox.

The Eagles added one run each in the third and fourth innings to take a 6-2 lead. The Sox rallied in the fifth inning and closed the score gap to a 6-6 tie. At this point Phillips hit his big homer to give the White Sox a three-run lead and provide the momentum for the 10-8 victory.

This victory marks the second consecutive year that the White Sox have garnered the championship trophies.

EMPLOYEE SERVICES BOARD QUARTERLY AUDIT

The quarterly audit of the Employee Services Board accounts provides the following financial status reports as of

June 30, 1968

ASSETS

Cash on Hand	\$ 350.00
Cash in Bank (Checking Account)	4,949.11
Cash in Bank (Savings Account - Reserve)	51,171.61
Accounts Receivable	115.00
Notes Receivable	5,646.75
Equipment & Facilities Inventory	\$35,704.25
Less: Accumulative Depreciation	10,810.63
Prepaid Expense	493.43
Total Assets	\$87,619.52

LIABILITIES

Accounts Payable	\$ 334.95
Taxes Payable Payroll	1,596.45

NET WORTH

TOTAL LIABILITIES & NET WORTH	\$87,619.52
Operating Statement for Year Ending June 30, 1968	

INCOME	\$188,191.72
Operating Expense	173,189.25
Net Operating Profit	\$ 15,002.47

During the fiscal year, twelve checks amounting to \$70,000.00 were given to the joint Navy-Civilian Recreation Council to be used in support of the Center's recreation program.

THE LOCKER ROOM

AFL-NFL Rivalry

By ED RANCK



If professional football is going to overthrow baseball as the premier sport in the lives of the red-blooded American sports fan, it would seem that the time is ripe for a coup. While baseball yawns through a pair of the duller pennant races in years, it seems that pro football has devised a plan that may make the summer exhibition season as interesting as the official fall schedule.

The reason why baseball appears to be on the verge of having its thunder hijacked is the new rivalry that has been developed between the NFL and the AFL. From early indications, it would appear that the exhibition season this year is going to generate an added degree of excitement because of cross scheduling which has been arranged between the two leagues.

Pro football exhibition games have been relatively dull affairs over the years, when you consider the capacity for mayhem that the teams possess. The games have been used as a proving grounds for rookies and a means by which veteran ballplayers could sharpen their skills for the upcoming season. Game plans were always used, but it's unlikely that the battle strategy was as involved as General Rommel's. Although the games haven't always been patty cake affairs, there have been times when the field resembled a recess yard.

The AFL-NFL inter-league scheduling has changed all of that. The rookies will of course get their chances, but probably not in the inter-league matches. The AFL made the challenge last year and the NFL obliged by clouting its younger brother, 13 times in 16 outings.

With this year's exhibition barely a week old, the AFL is batting .750, having taken three out of four games. The Americans already have equalled their total output of 1967 victories. It is unreasonable to assume that they have overtaken the big boys in a year and one-half of inter-league play, but the AFL's early success cannot be dismissed as a matter of indifference on the part of the NFL.

Buffalo and Houston, a pair of clubs with questionable talent, defeated two of the NFL's also-rans by a total of 13 points. The National's lone victory came in a battle of the top clubs — Baltimore defeating Oakland, 14-12. In the other AFL victory, San Diego downed the powerful, but customarily erratic, San Francisco 49'ers, 30-18.

AN INTERESTING PERFORMANCE TO OBSERVE

San Diego's performance in the pre-season will be interesting to observe. For years a power in the AFL, the Chargers loudly dared the Los Angeles Rams to come out and fight. San Diego got its chance last year. Before a sellout crowd at the opening of the San Diego Stadium, the Chargers tuned up for the Rams by underwhelming the Detroit Lions, 17-38. After losing a close one to the Steelers, the Chargers were buried under the new stadium by Gabriel and Co., 50-7. The Chargers were so far behind at the half that the referee should have called it a TKO.

San Diego coach Sid Gillman, plagued with injuries to key players at the time, allowed that the exhibition season was meaningless, but being a standup type, never made excuses about the beating his team took. After years of boasting however, it was apparent that the city of San Diego was left standing with egg on its countenance.

In last Saturday's encounter at San Diego it was clear that the Chargers came to make amends. It was equally clear that the 49'ers regarded the inter-league competition as serious business. Both coaches went with their first units throughout, although Dick Nolan of San Francisco condescended slightly by starting George Mira at quarterback. The game was a hard-hitting affair, reminiscent of a pro game in mid-October. Both clubs performed extremely well, but in the end it was the Chargers who were clearly the best under pressure.

STRENGTH ANALYSIS MADE OF TWO LEAGUES

Considering the fact that the Chargers and 49'ers are reasonably equal in talent, the game provided a means by which an analysis can be made regarding the present strength of the two leagues. In most respects the leagues are equal. Offensively, the AFL has running backs and receivers as good as any in the National League. It also was proven once again that the lineman in the AFL are not going to be intimidated by the more experienced lines of the NFL. The Americans are equal in speed and size, and probably have the edge in desire. Although the National League has received more publicity in the defensive line department, statistics will show that the AFL is equally adept at putting the pressure on an NFL quarterback.

But it is in the defensive backfield and the quarterback position where the NFL demonstrates its superiority. The American League teams cannot defeat an imaginative passing offense, nor do they have a field general equal to the likes of Bart Starr, Johnny Unitas or for that matter, John Brodie.

San Diego will attempt to square their account with the Rams on August 24. Despite the obvious improvement of the Chargers, the Rams should win again. But we would be surprised if the outcome wasn't much closer than last year.



MEMBERS OF THE IWW Pony/Colt League All Star team competed in a sectional tournament at Rialto last week, coming out ahead in three games before going down in the fourth. Taking part in the tourney were (front row, from left), Eddie Paine, Mike Hukeba, James Amparano, Jeff Radcliff,

Jerry Mather, Mike Stoner, Danny Pinto, Kurt Weisbrich, (back row, from left) coach Frank Robinson, Ralph Stalnaker, Paul Martin, Bill Becker, Steve Robinson, Terry Kosenski, Doug Daniels, Phil Iorillo and Joe Braun, manager. The youths were enthusiastic about their reception in Rialto.

Ace Downs Engineers - Tied For Lead

Ace TV evened their season's series with the Engineers, and regained a share of the league lead as the fourth round of the China Lake Softball League got underway. Ace handed the Engineers their third loss of the year, 6-3, setting the stage for the final drive to the wire for both clubs. With the series between the two teams ended, and six games remaining on the regular schedule, the possibility of a tie for first at the end of the regular season could not be discounted.

Ace grabbed a temporary half game lead by defeating the Engineers, however the Engineers regained a share of the top spot by downing VX-5, 8-1, on Tuesday evening. Ace's game with El Ranchito was washed out with the score tied 1-1 in the fourth inning. Ace went against the fourth place Magic Cleaners Patriots on Wednesday while the Engineers met the hot NAF Hawks on Thursday evening.

Bert Andreassen won his 19th game of the year and Bert Galloway lost his third in Ace's 6-3 win over the Engineers. Max Smith sent Ace ahead 1-0, with his seventh homer of the year in the first inning, then run scoring doubles by Bob Palmer and Andreassen made it 3-0 in the second. After Andy Gilpin's homerun in the third made it 4-0, the Engineers made their move.

Chuck Newmyer opened the bottom of the third with a walk, then scored on a double by Bill Underwood. Denny Cramer singled home Underwood to make it 4-2 however Andreassen retired the next three hitters to end the threat. Ray Blackwell homered to open the Engineers half of the fourth, but Bret Harney's triple and a sacrifice fly by Drex Moulder made it 5-3. Bob Palmer's homerun for Ace in the sixth ended the scoring. Andreassen fanned seven and allowed five hits in winning his 19th while Galloway added seven more K's to his league leading strikeout total.

Galloway fanned 10 to run his strikeout mark to 209 as the Engineers rebounded to down VX-5, 8-1. Ross Clayton drove in two runs, and Ray Blackwell singled home Clayton to give the winners a 3-0 lead in the third. After VX-5 had scored their lone run in the fifth, the Engineers made

it 5-1 on Bob Crawford's home run and a run scoring double by Orin Gilbertson. A single by Galloway, Jim Bevan's triple and a two run shot by Clayton in the sixth ended the scoring.

El Ranchito scored 11 runs in the last three innings, coming from behind to defeat the Vampires, 13-3. After the Banditos went ahead 1-0 in the second, VX-5 scored two in the third on run-scoring base hits by Dick Braun and Red Aucoin. With the Vampires ahead 3-1, El Ranchito scored five in the fifth on two hits, a walk and five errors. Bob Brown singled home a run in the sixth to make it 6-3, then El Ranchito scored six more in the seventh, the rally being capped by Jim Ayers' grand slam home run. Pete Klassen won his 10th game of the year for the Banditos while Art Hickie was the loser.

Fourth place Magic Cleaners split a pair, downing NWC 16-4 and losing to NAF, 14-6. Bob Hooper drove in a pair of runs and Jim Peck singled home one as the Patriots jumped to a 3-0 first inning lead against NWC. Magic added six more in the second with John Revel and Dink Patterson driving in two each. Down 11-0 in the fifth, the Tigers scored four times on run-scoring singles by Howard Gerrish, Doug Vanderheid and Marv Johnson. The Patriots scored five more over the last three innings with Revel's two-run homer in the seventh being the big blow. Roy Deland was the winning pitcher while Larry Byrd lost it.



PONY LEAGUE CHAMPS — The victorious Cubs of the A Division line-up after the final game played July 16 at China Lake. The Cubs defeated the Yankees by a score of 3-2 to win the league championship. Front row (l-r) Ed Paine, Mike Knox, Jim Amparano, Ron Potter, and Sandy Smith. Rear (l-r) Dick Wilson, Steve Robinson, Ed McGinnis, Mark Wooten, Jim Rodgers and Coach Jack McGinnis.

Jerry Hines and Mike Brady collected three hits each to lead a 16-hit attack as the NAF Hawks downed Magic, 14-6. Down 2-1, the Hawks scored four runs in the second with Mike Tosti and Bob Loft contributing two run doubles. Jim Clark's home run in the third made it 7-1, then Magic scored four on two walks, an error, and Bill Beedle's double. Denny McGaw tripled home two in the fourth for NAF and Hines doubled, bringing in two during a four-run rally in the sixth. Don Sichley was the winning pitcher and Earl Roby lost it.

NAF made it four in a row and moved to within a half game of sixth by outlasting Genge, 10-9. Five walks and Rod Zagala's double helped the Chaparrals grab a 5-3 lead in the first inning. NAF scored three in the third with Mike Brady singling home the go-ahead run. After Genge scored a single run in the fifth, the Hawks rallied for four in the sixth with Don Billinger contributing a two run homer. Genge scored one in the sixth and two in the seventh but were stopped with the winning run on third in the final inning. Sichley was the winning pitcher and Tony Scanlan was the loser.

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JOHN EMERY



ROBERT YOUNG



TED BERGMAN

Community Council Introduces New Members, TV Booster Fund Report

Last week readers were introduced to newly elected Community Council President Donald Cooper and Secretary George Ness. Other new members to the Council are Ted Bergman, representing precincts 1, 2 and 10; Robert Young, precincts 5 and 6; and John Emery, director at large.

A physicist in the Research Department, Ted Bergman has been a Center resident for six years. He, his wife Gwendolyn and two daughters reside at 100-A Dobb Road. Bergman has studied advanced courses at the University of Colorado on an NWC fellowship. He has a wide range of hobbies, including stereo photography, skiing and choral singing.

John Emery resides at 615 Ticonderoga with his wife Betty, two sons and two daughters. He is Head of Management Data Processing Staff and has been at NWC for over eight years. Emery has studied at UCLA, USC, and at the University of Santa Clara. He is active in community wide activities such as the United Fund Drive, Desert Empire Fair Association, Kern County Girl Scout Council, the Valley Riders, and is a past member of the Civil Service Examining

Board of Los Angeles.

Robert Young has been at NWC for 10 years and is a physicist in the Assessment Division of Systems Development Department. He resides at 705-A Richmond Road with his wife Marylin, two sons and a daughter. Young received his degrees from Albion College in Albion, Michigan, and from the Missouri School of Mines. He is a bowling and golfing enthusiast and an avid listener of classical music.

Gabe Imer reports that the TV booster fund now totals \$25,174. Also, the units for channels 7, 9 and 11 have arrived in San Francisco for final testing before installing at the local facility. The demodulator for Channel 4, presently being tested in San Francisco, will complete the work on that channel when it is installed.

The August 13 meeting of the Community Council will be held in the Joshua Room of the Community center at 7:30 p.m. Residents of the community are encouraged to attend these open meetings.

At this meeting President Cooper will report on the current negotiations for a Bakersfield channel in the local area.



CHIEF EMBARKS ON NEW CAREER — Following retirement ceremonies last month, Chiefs Banker (center) and Harrington (right) present Chief Estes I. Jones with farewell gifts. His son Michael (left), also a Navy man, is assigned to NAS, Miramar. Jones was Chief-in-Charge of the Enlisted Mess when it won the Ney Memorial Award in May, 1968. After 20 years in the Navy, Jones has launched a new career — he is studying at Nevada Technical Institute to become a commercial pilot.

NWC Educational Programs

STATUS OF ON-CENTER GRADUATE PROGRAM IN ENGINEERING

NWC is currently negotiating with the University of Southern California for a graduate program in Engineering to commence the second semester of this year, to replace the UCLA Graduate Program terminated in June.

The USC program, as now planned, will enable an NWC student to complete a total of six courses at China Lake out of the 10 required for a Masters degree, and to complete the remaining requirements in one semester in residence on the USC campus. The courses will allow specialization in either Mechanical or Electrical Engineering, with options of control, communications, and computer science in the latter.

The courses will be open to all who have had the necessary prerequisites. NWC students actively pursuing the Masters degree will normally be able to take the China Lake courses at the rate of two per semester, as the program is now envisioned.

More specific information as to how the program will be conducted, what courses will be taught, when, and by whom — will be issued through this column as soon as the arrangements become firm.

TECHNICAL LECTURES

1000 Tues. 27 Aug. — Professor Wan Cheng Chiu, Department of Meteorology, University of Hawaii — "The Kinetic Energy Equation of Atmospheric Motions in the Frequency Domain."

16 to 20 Sept. — Professor William Peyton Cunningham, Naval Postgraduate School — "Introduction to Operations Re-

search and Systems Analysis" 23 to 27 Sept. — Professor Rex H. Shudde, Naval Postgraduate School — "Lanchester's Equations."

These lectures, consisting of two-hour lectures per day, are the initial lectures in a series on Operations Research scheduled to be presented quarterly during the next two years.

SPECIAL COURSES

0730-1630, 3 to 13 Sept., 80 hours — "Basic Transistors" by Frankford Arsenal instructors. (Repeated 16 to 27 Sept., and 30 Sept. to 11 Oct.) Pre-test (required for enrollment) 0800, 15 Aug. in Rm. 107, Training Center.

DEADLINES FOR GRADUATE STUDY AWARD APPLICATIONS

NWC Fellowships — 1 November for awards effective Winter or Spring Quarter or Spring Semester, and 1 February for awards effective Fall Quarter or Fall Semester. Application must contain evidence that proposed course of study has been discussed with and is acceptable to the school the applicant plans to attend, and assurance that he will be accepted as a regular graduate student when he enrolls.

WEPSCO Awards — February 1. Requirements for NWC Fellowships stated above apply.

USS Nautilus (SS(N)-571), the first nuclear-powered submarine, far exceeded the hopes of her most optimistic supporters. During her first two years of operation she steamed more than 62,000 miles without refueling and established new speed and endurance records.

Gardening Notes

By Marianne Kistler

Daily temperatures are above 100 degrees, typically; the average number of 100-degree days in July has been computed to be 28 out of 31, since the Navy began keeping records in this area. Ground temperatures can exceed 150 to 160 degrees.

From the gardener's point of view, this means that there is relatively little to be done in terms of new plantings or ambitious renovation of the garden. Rather, the emphasis now is on keeping alive the things that were set out earlier.

The most important task is that of insuring an adequate supply of water to lawns, trees, and gardens. Water hasn't been much of a problem in China Lake; faucets always run and pressure is always normal. But we don't have an endless supply, even so, and the gardener should plan to get the most benefit out of that which is used. (If you let water overflow and run down the street, a security policeman may stop by for a chat!)

Bermuda lawns usually need a good watering two or three times a week; bluegrass or other types may require watering every second day. Trees and shrubs will benefit if basins are dug around them to trap and hold water. Although our big cottonwoods are thought of as "dry country" trees, they really need plenty of water to stay healthy. Mulches around shrubs will help to retain water, as well as to aid in keeping roots cool.

In general, extensive watering is best carried out in the early morning or evening, to minimize evaporation; in tree-shaded yards, problems with mildew and proliferation of fungus (toadstools) may result from evening watering, so if you find it convenient, the early hours of morning are really best.

Other gardening tasks, this time of year, are largely of a maintenance nature. Lawns and gardens may tend to look a bit wilted in the summer heat, but their appearance can be perked up somewhat by regular mowing (to eliminate a ragged look) and by removing faded blossoms and cutting back early-blooming plants.

Regular fertilizing will also help to maintain a green appearance. All plants should be hoed down occasionally to wash off accumulated dust and to discourage insect pests (however, this shouldn't be carried out when the plant is in sunlight or leaves may be burned).

DANIEL WEBSTER

"God grants liberty only to those who love it, and are always ready to guard and defend it."

Speech (June 3, 1834)

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NAF—Proving Ground for Weapon Development

Naval Air Facility Team Combines Determination and Professionalism

BY LT. (jg) W. L. JOHNSON

The wilderness of the Mojave desert sets the stage where experimental projects in advanced weaponry of the Naval Weapons Center can be tested and evaluated by the officers and men of the Naval Air Facility at China Lake.

The word determination describes the atmosphere of this beehive-like operation created by the personnel who diligently work day and night to keep our fleet armed with the most effective weapons and weapon systems available.

Naval aviation provides the backbone for the work to be accomplished at the Facility. Many types of aircraft with various capabilities are found on the flight lines, ready for take off on short notice to undertake a project mission that the Naval Weapons Center has developed.

The Naval Air Facility, commanded by Captain R. F. Schall, has approximately 35 officers and 500 enlisted men on board, with the assigned task of supporting the developmental efforts of the Center.

NAF is alive with familiar sounds of activity echoing from the offices that are accomplishing the daily business routine . . . project pilots going over their flight plans or being debriefed . . . conferences with civilian representatives from the various companies involved in the complex projects . . . maintenance crews, support shops, and hangar areas continuously bustling with aircraft being prepared for project flights or repairs . . . little yellow vehicles constantly towing aircraft and equipment . . . electrical instruments quietly recording and evaluating the complex tests on the projects assigned to the aircraft.

The Naval Air Facility also works in unison with Air Development Squadron Five (VX-5) housed in the same area. Basically, the coordination follows in this order: As the Naval Weapons Center develops new weapons systems, NAF provides pilots, aircraft, and facilities to support the projects, and then tests and evaluates them until feasibility is attained. VX-5 then takes the projects and evaluates them for fleet use developing new

delivery techniques that also increase weapon effectiveness and reduce aircraft vulnerability.

At the present time NAF is involved with over 100 projects, some of which have peculiar sounding names, such as Shrike, Sidewinder, Condor, Walleye, Rockeye and Snipe. Each project is tediously tested and evaluated. Improvements may be suggested, and finally it is ready to be used by the fleet.

To the layman, excitement, would be the order of the day when watching a drone launch, but to the personnel at NAF it is precision routine. A bright reddish orange F-9 jet drone, known as a "Redbird," begins thundering down the runway. A perfectly normal take off is initiated except that the pilot is in another airplane, a T-28 prop-driven aircraft. The T-28 races just a few feet above the runway following the "Redbird" through lift off and climb out, all of which is being controlled by the pilot in the T-28.

As the jet drone begins to outrun the T-28, two F-8 Crusaders sweep in and take control of the drone. The drone is then used for target practice with some of the new missiles being developed at NWC.

The effectiveness of the Naval Air Facility and its professional teams is attested to by many outstanding records of achievement. Recently the Facility received a safety award for completing 500,000 man-hours without a lost time accident. This is the third such safety award since 1966. To paraphrase a motto, "if a job is worth doing, we'll do it."



NAF FLIGHT LINE—Aircraft silently wait for pilots to fire up the engines for the next project hop. NAF is involved with over one hundred projects.



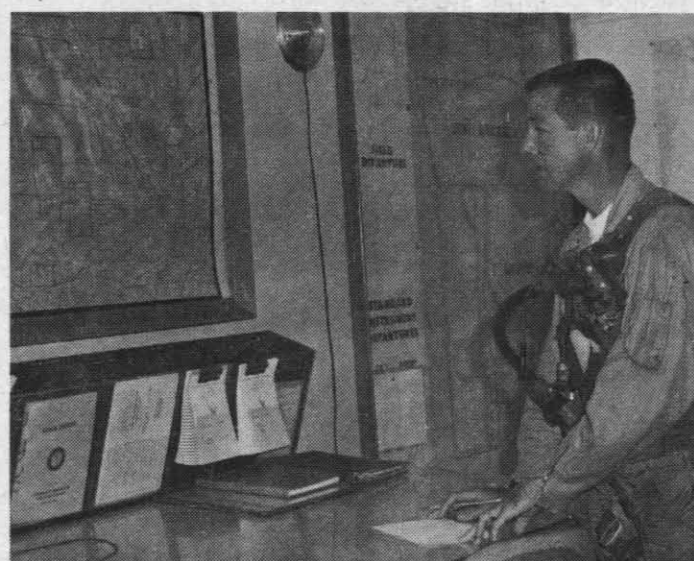
VISITING TRANSPORT AIRCRAFT — This multi-engine aircraft hauls V.I.P.'s to conferences and a thousand other tasks.



A TEAM AT WORK—An A-4 Skyhawk pilot confers with the plane captain after a project mission.



CAPT. R. F. SCHALL
NAF Commanding Officer



PREPARING FOR A FLIGHT — LCdr. Verne Donnelly checks his charts and gets a weather briefing.



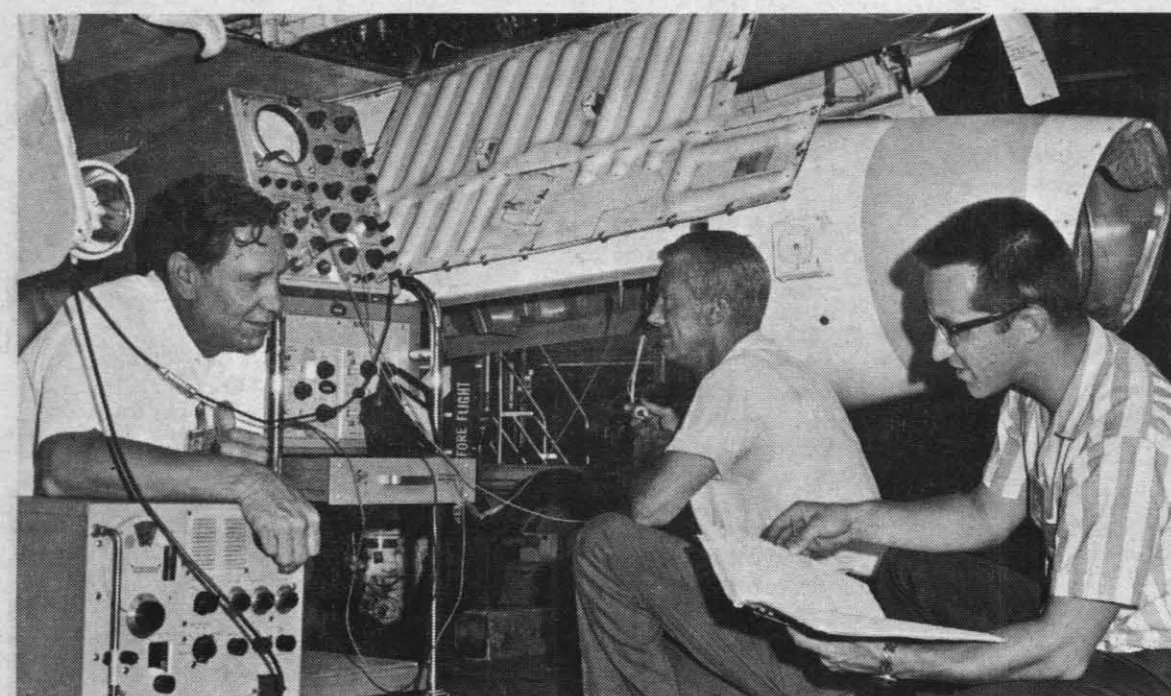
CDR. J. D. EDEN
NAF Executive Officer



Photography by
PH2 Delmar E. Hart



SNARLING "REDBIRD"—This is one of the pilotless reddish orange F-9 jet drone aircraft that are flown by remote control by a pilot in another aircraft.



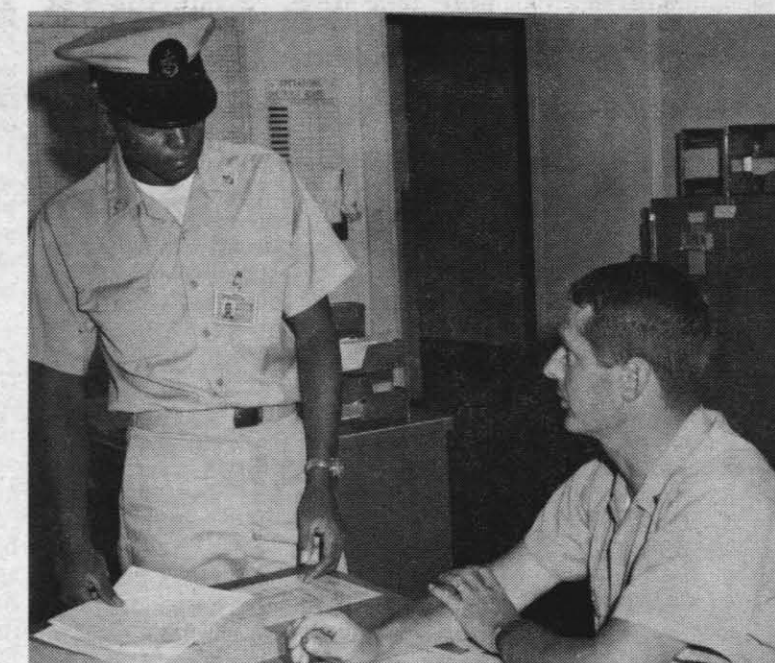
CHECKING AND EVALUATING—William S. Roney, Phillip G. Matthews, and Elvy R. Hopkins (l-r) are civilian engineers preparing a new weapon for a test hop.



NEW NAF OFFICERS' ORIENTATION—Ten officers, newly assigned to the China Lake Naval Air Facility, were given an orientation recently of current programs of the Naval Weapons Center. Those attending were: (l-r) Lt. Virgil Kempenaar, Cdr. Robert Dodds, Lt. (jg) William Johnson, Lt. Russell H. Decker, Lt. Andre Coltrin, Lt. Irvin Thompson, Cdr. Demetrio Verich, LCdr. Verne Donnelly, Ens. Timothy Broedling, and Ens. James Van Parys.



GEAR DOWN, HOOK UP—The watchful eyes of this man assures the pilot that he is safe to land.



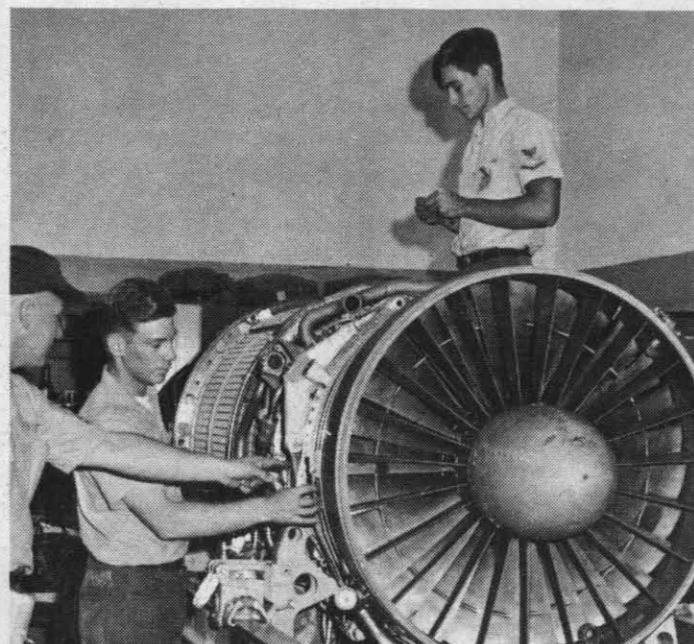
PILOTS HAVE COLLATERAL DUTIES—Lt. Andre Coltrin (r) is a project pilot and is also in charge of a division of men. Here Lt. Coltrin discusses a problem with Chief G. Shearer.



BUSY OFFICES—The routine office work at NAF keeps the personnel busy. Here Chief G. E. Tomelidan assists some men in the personnel office.



EYES TO THE SKIES—The NAF control tower is a busy place. Constant contact with pilots leaving and returning from missions is necessary for safe flight operations.



THEY KEEP 'EM FLYING—Preventive maintenance and repairs is a never ending task. Here these aviation jet mechanics (l-r), ADJAN David N. Johnson, ADJ3 Dwight W. Page, ADJ1 Michael G. Bennett are working on an engine that powers the new A-7 Corsair.