Branch at TID

CHESTER A. CREIDER JR.

Chester A. Creider Jr. is now

Head of the Editorial Branch,

Prior to coming to NOTS.

Creider was for three years

senior publications engineer at

Philco Western Development

Labs, Palo Alto, Calif. His back-

ground in technical writing and

eight years with the FMC Corp

Ordnance Division, San Jose;

and eight years with Interna-

tional Harvester Co., Rock Falls,

The new branch head re-

ceived his liberal arts educa-

pleton, Wis., engineering at San

Jose State, and technical writ-

ing at Berkeley and Foothill

Before moving west, Creider

worked as a financial writer for

the Chicago Daily News and a

general assignment reporter for

Mrs. Creider (Vera) and one

of their three sons, Laurence.

16, are expected to move here

from the north this week. Laur-

ence will be a freshman at Bur-

roughs High. Chester III, 22, is

attending Reed College, Port-

The Creider residence is at

College, Los Altos, Calif.

related areas also includes three

Publishing Division, of TID.

### 'My Fair Lady,' 'South Pacific' Are Scheduled

Two fabulous Broadway hits, "My Fair Lady" and "South Pacific," will be the first two productions of the newly organized Community Light Opera and Theatre Association here.

The musicals were approved Monday at the association's organizational meeting.

"My Fair Lady" is scheduled for six performances on May 13, 14 and 15, and 20, 21 and 22. "South Pacific" is tentatively scheduled for sometime in

At the meeting, Dr. Richard Ashcom was unanimously elected first president of the association. Also elected were George Coulter, vice president, Don Yockey, secretary, and Carolyn Lindberg, treasurer.

The nine-member board approved a constitution establishing the association as a nonprofit community organization.

### Be a Member Of the Crowd

China Lake, Civil Service Employees: Now is your chance to China Lake School Hair Styling on payday. By signing up to have your paycheck automatically decan avoid the rush to the bank ry School District members of on payday and the crush with- the board of trustees will seek of this convenience by filling 20. Disbursing Office anytime dur- cumbent president; John Sey- ficers' Mess on Tuesday, Feb. ing normal working hours before bold, clerk of the board, and Feb. 25. Notary services will Warren Oshel, immediate past 9, at the Officers' Club. be available free of charge. president. deposited automatically begin- and Oshel his second.

remain in effect unless a re- to vote in the April 20 election. quest for cancellation is re- Voters should re-register if they

IT IS NECESSARY TO HAVE to another within Kern County, YOUR PAY NO. AND CHECK- failed to vote at the November ING ACCOUNT NO. WHEN general election, and did not Kathy Simolon and WACOM's SIGNING UP FOR THE AUTO- have their registration restored Charlene Cossairt.

CROSSWORD PUZZLE

18-Danish land division 23-Aches 25-African antelope 26-Hindu queen 28-Penhies

22-Bristles 23-Conspiracy 24-Guided 26-Showers 27-Fewer 28-Son of Adam 29-Mortification

29-Mortification
31-Join
34-Shallow
vessels
35-Stupid
persons
(slang)
36-Three-tood
sloth
37-Goal
38-Complain
39-Shade tree
40-Lord (abbr.)
41-Oldwomanish

41-Old-womanish 42-Heraldig device 43-Deadly 45-Sprinter 47-Speak in slow, lengthened tone 48-Beef animal

DOWN

1-Recluse
2-Encourage
8-Hindu
cymbals
4-Latin
conjunction
6-Lawmaking
bodies
6-Malice
7-Girl
8-Before



DR. WILLIAM P. RANEY, special assistant to the Assistant Secretary of the Navy (R&D), was briefed on NOTS projects during visit here Jan. 28-29. Above, Capt. John I. Hardy, ComNOTS, explains various ranges on the station. Dr. Raney also conferred with project directors of the Research, Weapone Development and Propulsion Development Departments.

# become a member of the crowd that's not in line at the bank Board Members to To Highlight

Voters are reminded that Feb. All requests now in effect will 25 is the last day to register have moved from one precinct or have changed their name.

Answer to Previous Puzzle

PARSED

"AMTX TAIRITS MASS

DI BETAE PLO

STEERED RAINS

ZESS PALA ZHAME CONNEED

END SELIPES ELIM

LD WAN ILLEWORLE

21 ETHAL WEONNER

BIRLAWILSTEER

Distr. by United Feature Syndicate, Inc. 15

For Use in Authorized Service Newspapers Only.

PANSSOPES

# posited in your account, you Three China Lake Elementa- WACOM Lunch

Hair styling for milady will in it. You may take advantage re-election on Tuesday, April highlight the monthly luncheon meeting of the Women's Auxilout the required forms at the They are Doris Hammer, in- jary of the Commissioned Of-

A cocktail hour from 12 to Those who sign up during this Mrs. Hammer and Seybold 1 p.m. will precede the lunchperiod will have their paychecks will be seeking their third term, eon which will be held in the

> Three hairdos will be presented: a "high style," a "basic bubble," and a "semi-casual," which features an added

Models will be Charlene Senn.

Kathy Simolon will answer questions from the audience on hair coloring for the ladies.

Luncheon reservations must be made before Monday, Feb. 8,

# NAF Loses Three

As January came to a close NAF Officers and wives said Academy Awards." goodbye to three old friends and hello to two new ones.

Mrs. Ken Sikes and Lt. Jim able effects which brand it as a tend the 94th Annual Meeting Burns. The Crombies left this cut above the average military of the American Institute of week for Sanford, Florida; Ken documentary. and Sally Sikes sail next month "In accomplishing this, it re- troleum Engineers in Chicago, for Japan, and Jim Burns goes flects great credit upon Paul B. Feb. 14-18. aboard the Kitty Hawk.

Mrs. Gerald Rogers who have recently arrived at the Naval veloped the story concept."

Navy and vice Admiral John S. per, co-additional with the Fracture and Breakup of Rock." Air Facility from England. Also the newest NAF'ers, Lt. and Mrs. Norman Nash, were welcomed aboard from North Is-

At the NAF wives coffee on Tuesday, Charlotte Crombie and Sally Sikes were presented with the first charms to be given to departing NAF wives. Betty Speciale and Ethel Abele co-hostessed the brunch.

Plans were made for a Roaring 20's dance to be sponsored the wives in March.

### Chester Creider FEB. 5 Heads Editorial

Preston Foster, Phillip Carey

(Science-Fiction in Color) Thilling and un

Shorts: "Road to Andalay" (7 Min.) "Commuting for Adventure" (10 Min.)

'THREE STOOGES MEET HERCULES" (89 Min. Shorts: "Woodman Spare That Tree" (7 Min. "Cody of the Pony Express"

(No. 1 of 15 Chapters)

"BACHELOR IN PARADISE" (109 Min.)

Short: "Magical Maestro" (7 Min.

"OF HUMAN BONDAGE" (98 Min.) Kim Novak, Laurence Harvey

(Drama) Classic drama of a crippled pain could never be, by Maughm. (Adult.)

Short: "First Bad Man" (7 Min.) "EMIL AND THE DETECTIVES" (99 Min.)

7 p.m. adult bank robbers. Fun and suspense for of Radiation, Inc., Palo Alto; Short: "Baggage Buster" (7 Min.)

WORLD AROUND US SERIES "Second Look at Africa"

7:30 p.m. FEB. 12 tion at Lawrence College, Ap-"HELL TO ETERNITY" (132 Min.) David Janssen, Jeffrey Hunter

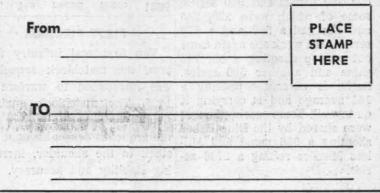
nese-American family, finds it difficult to Here's one of the better war tales. (Adult.) the Chicago Herald-Examiner.

# 'Seapower' On by calling the Club, FR 8-4771 TV Channel 4, May Get 'Oscar' land, Ore., and David, 19, is at West Valley Junior College, San Jose.

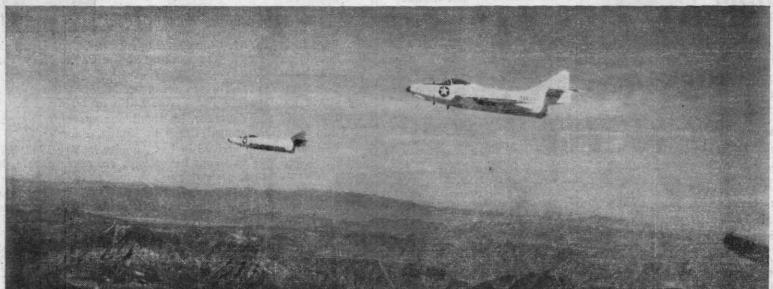
umentary scheduled for broadcast tomorrow, via KNBC (Chan- 59-B Rowe. But Welcomes Two cast tomorrow, via KNBC (Channel 4) at 5:30 p.m., was classified last week as a "documentary contender in the upcoming Pringle To Present

Writing about the powerful Paper in Chicago film in the Los Angeles Times J. Kenneth Pringle of the Det-"Farewells" were said to Lt. last Sunday, Julian Hartt said, the film "achieves several not-Mining, Metallurgical and Pe-

"Hails" were said to Lt. and Navy and Vice Admiral John S. He will present an invited paper, co-authored with Dr. Carl



# TV-Controlled Dual Drone Flight Sets Precedent Here





Taking Exams

For Promotions

The February service - wide

All exams are being conduct-

**BuWeps Survey** 

**Brings Praise to** 

**NOTS Personnel** 

Preliminary reports stemming

from the Station's Comprehen- competitive examinations for

sive Survey by a Bureau of enlisted men got underway

Weapons team last month here Tuesday with 60 Naval Air

brought praise this week from Facility men and 11 NOTS per-

Captain John I. Hardy, Com- sonnel taking their exams for

NOTS, for all involved in the E-4 (third class petty officer)

which the survey was conduct- Yesterday, the E-5 examina-

ed," noted the Station Com- tions were held for 83 from

mander. "It also reflects evid- NAF and 40 from NOTS. Next

ence of a recognition and re- Tuesday, 70 NAF and 28 NOTS

spect for the effectiveness with bluejackets go for E-6, and on

which the Station is carrying Thursday the final exams for

out its mission and for the man- E-7 rates will be taken by 44

ner in which staff and support men from NAF and 27 from

services are being provided to the NOTS Enlisted Personnel Di-

"I wish to express my sincere ed at the Community Center.

appreciation for your spirit of Senior member of the exam-

cooperation and helpfulness to ining board is LCDR. D. J. Bun-

the Survey Team, which were ker, assisted by LTjg M. E. Mc-

PLAQUE OF GRATITUDE for his leadership as 1964 presi-

dent of the China Lake Community Council is presented to

Bob Glen (left) by his successor Dick Hays at installation ban-

quet Tuesday evening at the Community Center. Glen in

turn presented the gavel to Hays.

acknowledged to me by Captain Govern and LTjg S. H. Mann.

the constructive attitude with for higher rates.

facilitate accomplishment of vision.

Weeks, the Senior member.

"I commend you on the high

standards you have been able

lishing functions under your

"The report clearly reflects | A total of 363 men are going

Naval Ordnance Test Station, China Lake, California

363 Men Here

Fri., Feb. 5, 1965

FIRST PICTURE ever taken of TV-controlled QF9G drones in flight over China Lake this week symbolizes "breakthrough" by local unit. In photo below, Lt. Todd Crombie, landing-launch control officer, guides drone through take-off from his control pan-

Cites "Breakthrough" Lieutenant Commander Jack

B. Miner called the epic flight last November a "breakthrough" and praised the "dedication, initiative and spirit" of his integrated force of 69 officers, enlisted men and civil service technicians at China Lake.

**NAF** Division

Commended on

'Breakthrough'

BY JACK BROWARD

get flight through televised re-

mote control has been achieved

by China Lake's NAF-based

Target Drone Division. The suc-

cess ended a period of stale-

mate that for eight long, costly

years had defense industrial gi-

Though the dual target pres-

entation has now neared "rou-

tine" stages here, the first

such test was successfully con-

ducted only last November at

Inclement weather at China

Lake forced the local men en-

gaged in a "crash" program in

late 1964 to shift their tests to

the Pacific Missile Range instal-

ants stumped.

A precedent-setting dual tar-

Recalling the start of the local "crash" program, the 39year-old naval aviator told how one defense industry had worked eight years to provide dual target presentation for the

"We watched the program with natural curiosity. Exposed as we are here to research and development, our sentiments were strongly invested in its success," he related.

By December 1963, however, time had run out and a meeting was called at the Navy's Air Development Center, Johnsville. Pa., to determine "where we were to go from there."

Plan Offered-Accepted!

LCdr. Miner admits it was an "interim" plan when he suggested to Navy officials gathered for the conference that at least two drone targets could be flown under control through the implementation of television in one of the planes.

"That was the real starting point. Our crew here plunged into one of the darnedest work (Continued on Page 4)



### Sunday Climaxes Another Big 'Visitors Week' Here It was another big "Visitors | at the Commissioned Officers Week" at China Lake this week, Mess (open).

with an estimated 73 Naval of- Starting this evening and conficers and school administrators of the Naval Reserve Supply touring the Station and being Company 9-7, Great Lakes, Ill., briefed on various NOTS proj- are here for conferences and a

On Wednesday and Thursday orientation tours were conducted for 24 officers from the Fleet Anti-Submarine Warfare School; Dog Tag Schedule ons Training Center, Pacific, and license tag clinic for dogs:

Also on Wednesday and to noon, and 1 to 5 p.m. Thursday, 19 school administra- NOTS, China Lake, Building tors of the Laton, Calif., School 937, Monday, Feb. 8: 10 a.m. to District, were distinguished noon, and 1 to 5 p.m. guests here.

Both groups were honored at tion, Tuesday, Feb. 9: 9 to 11 a reception Wednesday evening a.m.

tinuing till Sunday, 30 members tour of many departments.

members of the Training Com- Following is the schedule for mand, Pacific Fleet; the Fleet | the Kern County Health Depart-Training Group; Nuclear Weap- ment's rabies vaccination and

members of the Anti-Air War- Ridgecrest, County Fire Stafare Training Center, Pacific. tion, Saturday, Feb. 6: 10 a.m.

Inyokern, County Fire Sta-



LCDR. JACK MINER

CHAPLAIN'S MESSAGE

# Membership In God's Kingdom



CHAPLAIN EDWARD F. KANE

The Kingdom of God is a mystery, because it owes its origin not to the powers of earth but is divine in its origin. It is a supernatural entity. It originates in God and ends in God. It is perpetuated in and by the children of God.

Many recognize the supernatural task of the Kingdom of God, but do not realize that it must be in the world but not of the world. Because of its citizens, it is in the world; because of its King, it cannot be of the world.

Yet, it must grow on earth - "Thy Kingdom come" standing as witness to His revealed truth. It must leaven all human society, regardless of national boundaries, forms of government, or national character.

Because its aims are not those of world powers, it is often misunderstood — even by those in its ranks. Statesmen have tried to use it for their own goals. Its own members have even at times pursued ends not compatible with its sacred character. Wherever the dignity of man or the reverence owed God

are attacked, the Kingdom of God asserts itself and the conflict with the powers of darkness or of this worldliness becomes

We cannot be good citizens of earth unless our membership in the Kingdom of God is guaranteed and safeguarded!

How's your citizenship? Need any help? Why not come to the Court of the Kingdom, your All-Faith Chapel, and let the "Prime Ministers," your Chaplains, help you? By the way, we enjoy being the Prime Ministers! And we hope you enjoy our being Court Jesters as much as we do!

# Distinguished Churchman To Speak Here Sat., Sun.

The Reverend Dean S. Collins, nationally known speaker and churchman, will conduct a Bible Conference here Saturday and be guest minister at the 8:30 and 11 a.m. Protestant services at the All Faith Chapel on Sunday.

Rev. Collins will conduct special Bible Study Conference for youths, parents, and members of off-Station churches from 11 a.m. to 1 p.m. in the East Wing of the All Faith Chapel.

He will discuss phases of his work as Executive Secretary of the Western and Pacific Region of the American Bible Society which distributes over three million volumes of the Scriptures in 142 languages each year.

In addition, he will show observe the work of Bible So- Chapel. cieties.

The tour was made in con- ing the potluck. junction with his participation in the 10th annual Kirchentag held in Berlin, Germany.



#### **Hebrew Congregation** Holds Potluck Tonight

during which he visited Japan, will hold a potluck dinner beginning at 6:30 tonight in the ginning at 6:30 tonight in the Marianas, FPO San Francisco, Calif. 96601, Lebanon, Jordan, and Israel to East Wing of the All Faith

Student Rabbi David Zucker will conduct the services follow-

Next Services Feb. 26 No services will be held on No services will be held on Friday, Feb. 19, the usual night, Named to County but have been rescheduled for All residents of the area are Friday, Feb. 26. Chaplain R. W. Board of Trade invited to attend the services. Odell will be the guest speaker.

# With Carrying Case, Yet!

"Three each, spittoons, barroom size, German silver, with lead bottoms (so they won't tip). One each, carrying case."

So read the extraordinary requisition order which was received last week by the Supply Dept.

Tracking down the origin of the "gag" order, Supply learned it had been signed inadvertently and went through

The requisition was not granted, with the explanation that such material is of a "classified nature."

#### **PROMOTIONAL OPPORTUNITIES**

ROCKETEER

apply for the positions listed below: Aplications 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.

Clerk-Dictating Machine Transcriber, GS-316-4, Code 6505—Incumbent is secretary to eativity Research Group, Personnel Dept. lesearch Psychologists. Duties include type and articles, etc. Maintains bibliographic cards and files. Work requires ability to

Qualifications: Two years progressively re-sponsible experience which included as a mificant part the use of a dictating ma ine. May be filled at the GS-3 level. File for above with Janet Thomas, Bldg. 34, Rm. 26; phone 71577.

Electronic Engineer (Instrumentation), GS-11 or 12, Code 4531—Incumbent will be reible for defining data acquisition sys rocket motor static testing. He will be required to design certain electronic equip ment associated with data acquisition, mon burchase, and define the requirements for

Qualifications: Bachelor's degree in elec nic engineering plus one year of elec onic experience at the next lower level File applications for above with Betty Fowler, Bldg. 34, Rm. 26, phone: 71648.

Firefighter (General), GS-5, Code 842 iding crash trucks and structural pumper the scene of an emergency, aircraft crash or a fire; operates related apparatus (hookup of hose and hydrant and delivery of water proper pressures and volume). Maintains ment and apparatus in proper operating condition at all times; participates in actual firefighting operations when required; conducts fire prevention inspections and per forms other duties required in and abou

Qualifications: Two years' experience as fire fighter performing all types of fire-

File applications for above with Pat Detling, Bldg. 34, Rm. 28, phone 72218.

Technical Publications Writer/Editor (Engr.) G5-11, Code 5502—Incumbent provides writing and editing services for informal, formal and maintenance manuals originating in all divisions of the department. Technical content of work is detailed reporting on recent re in the department and directed to audiences research personnel engaged in similar of

Childers, Bldg. 34, Rm. 32, phone 71393. Technical Writer/Editor, GS-9 or 11, Code Editor (Printed Media) in the Rocketeer issue d, as required, technical rewriting of a tters and books for printed release to a is responsible for accuracy and clarity f all phases of published technical present ons and undertakes technical writing as

Qualifications: Three years general expe ired Two years specialized experience a as required for GS-9 and three years

File applications for above with Lynn Standard, Bldg. 34, Rm. 28, phone 71648. Deadline for filing is Feb. 15.

COMPETITIVE EXAM

Attention: Code 08.23, not later than the

# William Puckett

On recommendation of Supervisor LeRoy Jackson, former Station Community Relations Director, William Puckett of Ridgecrest has been named by the Kern County Board of Supervisors to the directorate of the County Board of Trade.

Puckett, succeeding retired Rex Gill, will represent SuperBryce Cacek, PH3; Seth Rossman, PH3, and visorial District One on the directorate for a two-year term.

The Ridgecrest businessman News Stories. Tues., 4:30 p.m. and civic leader is president of Photographs. Tues., 11:30 a.m. the Indian Wells Valley Council
The Rocketeer receives Armed Forces Press
Service material. All are official U.S. Navy of the Navy League, a member photos unless otherwise identified. Printed of the Chamber of Commerce and the Bakersfield Scottish Rite Bodies.

weekly with appropriated funds in compilance with NavExos P-35, Revised July 1958.
Office at 50 King St., Bldg. 00929. Phones—71354, 71655, 72082.

'DESERT PHILOSOPHER'

# Tommy Chapman, True Deserteer

By "POP" LOFINCK

Born in Japan, lived for over 30 years in China, Japan and the Philippine Islands. Was working at the Cavite Navy Yard

The Navy Yard was wiped out in two hours by fierce bombing attack by Japanese Air Force. Little or no defense.

With wife and daughter, he spent war years as internees Santo Tomas Interment Camp in Manila, P.I.

Repatriated and arrived in Los Angeles in May 1945. With family, shared two bedroom house with six other people, because of acute housing shortage.

Shortly after arrival in Los Angeles he took a one day bus trip to see something of California. Bus went to Inyokern which was the headquarters then for NOTS - under construction at

#### NOT IMPRESSED, BUT HE RETURNS

With the hustle and bustle of construction - and no trees, grass or greeney - and dust and wind and sandstorm he was not favorably impressed so he returned to Los

But a week later — with the promise of a house — he returned to NOTS to take a job with the Fire Department and later transferred to the Safety Department.

They still live in the same house - almost 20 years now with wife Lolita and son To m- 15 years old who was born on

They fell in love with the desert - wouldn't live anywhere else Daughters Carole and Margaret are married and living in

Wife Lolita is employed by China Lake Schools. SEEKS TURQUOISE, BUT FINDS SOME GOLD

Tommy oson became interested in rock hounding and spent much time prospecting in the Mojave "B" gunnery range searching for a lost turquoise mine supposedly located in the Slocum Mountains. He found a placer deposit - drywashing gold for about \$5.00 in gold dust for a 10-hour day - but no

He also located five gold placer mines - and some good Sheelite deposits.

Tommy was elected vice president of the Indian Wells Valley Gem and Mineral Society for two terms - and for three years managed the Lapidary Shop.

A group of us was out looking for fire opals in the Eagle Craig area and Tom found more opals than anybody. Then he got fishing enthusiasm — making his own lures

And then his interests enlarged to include archeology He has about 3000 artifacts in his collection - all surface finds and most from campsites found within a 75-mile radius of the housing area. He made an outstanding find of artifacts in a difficult-to-get-to cave in the Coso Range. So he is now a

that caught fish in the creeks and lakes of the Sierras.

spelunker (cave explorer). His son Tom did some work with UCLA last summer at a site near Mammoth Lake. He plans to minor in archeology when

#### HELPS BUILD GUZZLERS FOR WILDLIFE

Chapman was also active with the Desert Sportsman Association, dedicated to conservation of wildlife in this area. They built guzzlers for the quail and chukars to drink from where the springs were too far apart. And they introduced cottontail rabbits from San Joaquin Valley which seem to be thriving, as well as pack rabbits.

In Los Angeles people often ask me, "What do you find to do for amusement in the desert?"

They should ask Thomas T. Chapman that question. No day or month is long enough to do all the things he would The Hebrew Congregation and Fender), Guam-File Application Card like to do. He loves the big open spaces—He says he can be Form NAVEXOS-4155AB and Standard Form happy alone—not seeing a soul all day—and with the realization that he is only 160 miles from one of the largest cities in America

He will never die of boredom.

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

Capt. John I. Hardy, USN

"J." Bibby Public Information Officer Jack G. Broward

Richard Grueneberg **Budd Gott** 

Special Assignments Staff Photographers iams, PH1; Paul Seaton, AC2PH; Ralph Robey, PH2 (Pasadena).

Frederick L. Richards



rotestant-(All Faith Chapel)-Morning Worship-8:30 and 11 a.m. Sunday School-9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located op-

Holy Mass-7, 9:30 a.m., and 5:30 p.m.

6 a.m. Monday through Friday, 8:30 a.m. Confessions-8 to 8:25 a.m., 6 to 8:30 p.m.

Saturday; Thursday before First Frid 4 to 5:30 p.m. NOTS Jewish Services (East Wing All Falth Chapel)-8 p.m. every first and third

Sabbath School, 10 a.m. to noon, every Unitarian Fellowship (Chapel Annex, 85 King

Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. Dorms 7 and 8.

Friday, February 5, 1965

# Scene and Heard

MUSICAL CHAIRS By DAVE BURGIN

On the college football scene, there is no commandment like "covet not thy neighbor's coach." When each season ends, the game of musical chairs for collegiate gridiron masterminds begins.

Not that there's anything wrong with this. The annual listing of coaching changes, hirings and firings, has become as much a part of the game as the forward pass. These goingson add post-season spice, and give the fans something to contemplate for coming campaigns.

This year's coaching shuffle ranks as one of the liveliest. The most notable switch was the hiring of Bill Elias as the new director of the Naval Academy's football fortunes.

Elias had put in four years at the University of Virginia, where his team compiled an amazing 16-23-1 record. It was amazing because when Elias took the helm, Virginia was a football laughing stock, riding a 29-game losing streak. The Cavaliers were as used to being the Atlantic Coast Conference doormat as they were to be looking at Monticello, Thomas Jefferson's home sitting high on a hill overlooking the UVA

In his first game, Elias, who supposedly inherited the weakest team — if that's possible — in Virginia's history, tossed in a few surprises and the Cavaliers scrambled out a victory over William and Mary. Elias was named ACC coach of the year in that 1961 season.

The year before that, Elias left Purdue as an assistant to become head coach at George Washington U., then the Southern Conference doormat. In his one year at GW, Elias had a 5-3-1 record and was named the SC Coach of the Year.

Navy Athletic Director Capt. William S. Busik said the Academy received some 50 applications for the job. Capt. Busik didn't say it, but one of the reasons for the hiring of Elias could have been the coaching feat turned in this past season by the dapper 41-year-old mentor. Elias designed a surprise defense that stopped visiting Army cold, and UVA registered an "incredible upset" - that's what Capt. Busik called it - over the West Pointers.

So Elias signed to coach at Navy. His predecessor, Wayne Hardin, meanwhile, is rumored headed for the Virginia job. Indiana and Oregon State are also without head coaches, to name a few. Yale's John Pont reportedly is in line for the Hoosier job, which would mean a good Ivy League opening. Hardin could end up anywhere.

Elias, meanwhile, has his work cut out for him. He is taking over a Navy team that had a slim year, including a loss to Army. He won't have Roger Staubauch to build around next

But then Elias seems to like tough assignments. In college, he played quarterback at Maryland for the demanding Bear Bryant, now the Alabama tutor. During WWII, Elias was a tailgunner on a B-17, which is akin to taking over a football team that has lost 29 in a row.

# **BOWLING** -

By Dick Zinke 865 Scratch

Burt Andreason paced the Station Restaurant to two wins race? over the first place Desert 2. Pittsburgh lefthander Bob 254 game for a 598 series. Team Veale held what dual distincscoring honors went to Joshua tion in 1964? Trailer Sales firing a 981 game 3. Jim Bunning of Philadeland the Station Restaurant post- phia and Juan Marichal of the for a 2708 series.

Women's Scratch Foursome

As the season goes on, the racing, how much money do league is tighter than ever as jockeys receive for placing only half game separates the first, second, third and losing, first three teams. In last Mon- when the purses are \$2,000 or day's action, Mary Jane Clark higher? had high series with a 498 while 5. What National League high game was rolled by Inez team's pitching staff had the Piacenta with a 181. The Tigeroettes were again on top in team season? scoring bowling a 689 and an 1830 series.

Midway D. Dunn rolled a 214 for high

game with J. Seibold not far be- lot \$20 for \$400 st 'puopes lot '05\$ hind recording a 208. Fred Dal- sta6 Aaao! 6uiuuim aul 't piaz put three games together for a fine 558 series. The 'uniedues +961 aut ui saatted Playboys had top team scores tsom out tid nom owt off . & with a 913 and a 2490 series. Women's Handicap

a year, she has bowled numerous 200 games and 500 series, 9881 word page a H 'l some of which were 220, 245 and has had a 560 and a 578 series. Last week she again came out on top shooting a big 246 game and another 560 series. arm, the matchlock arquebus, Bettie is currently packing a was introduced to warfare in 161 average and is carrying it 1425. The matchlock enabled quite well. Team scoring honors firing by means of a trigger and were shared by the Blue Babes the arquebus design brought the lers Missiles rolling a 2746 se- stock to the shoulder, increas-

#### SPORTS QUIZ

races to set the North American record for the most wins by a thoroughbred. When did he

ing games of 869, 925 and 914 Giants shared what 1964 rec-4. Under jockey club rules of

best earned run average last

Answers to Quiz chucked a 2.95 average. 5. The Los Angeles Dodgers

third and \$20 for a loser. each nailing 14.

also walked the most (124). in the National League (250) and Bettie Hardy is having quite uem tsom ent bennet eleev. 2 through 1894.

#### FIRST FIREARM

The first real infantry fireing stability and accuracy.



STATION TENNIS CHAMPS were awarded trophies this week by Capt. John I. Hardy, ComNOTS (left) during brief ceremonies. Singles champ for third straight year, CDR. Stan F. Abele, gets handshake and congratulations with his trophy. Others are Beverly O'Neill,

TWEEDLE DEE DEE

What else can we say? Sandra

Dee leaves you speechless.

begins here today.

Women's Singles; Chris Fath, Women's Doubles; Larry Faulk, runner-up in Men's Singles Consolation; and Ralph Lindstrom, teammate in Men's Doubles with CDR. Abele. Other winners not present for picture were LTjg Bob Kinsella, Don Beresford and Jim Smith.

## Good Try, But NOTS All - Star Cagers Bow In 11ND Tournament

BY BUDD GOTT

A strong El Toro Marine team snuffed out the NOTS Mili tary All-Stars' bid for a place in the District Finals at Point Mugu by defeating the local cagers, 92-86, last Tuesday night in the 11ND Northern Area Tourney at The All-Stars were outclassed

Long Beach. It was the All-Stars' second Toro team. The Marines' Bill, and eliminating defeat in the Rogers, and Paddock collected four-team tournament playoffs 15, 12, and 11 points each in the between NOTS, the El Toro Ma- 92-86 fray. rines, the USS Delta, and the Santa Ana Marines.

Monday night by the Santa Ana each, for the All-Stars. Marines, 90-77.

Winner and runnerup of the

El Toro, 92, NOTS, 86 Highlight of Tuesday night's 49-38.

side and midcourt with unerring for the final 90-77 score. Mosley, a great left-handed were Howard Kelley and Bill

rebounds and layups.

WHITEY FORD shows his fast ball grip to Jerry Walsh who

was set for a major league tryout when at 18 he was struck

by crippling rheumatoid arthritis. Once helplessly bedridden,

Jerry was the Arthritis and Rheumatism Foundation's "Man

Jerry Schwarting garnered 14 points, Doug Wilson, 9, and Bill The All-Stars were beaten McCullough and Bill Taggart, 6 Santa Ana, 90, NOTS, 77 In Monday night's meet with Long Beach Tourney will go to the Santa Ana Marines, the Allthe District Finals at Point Stars got off to a slow start and could never overcome the Marines' half-time 11 point lead, game was the high scoring of the | Santa Ana's guard Mosley and

by the fast breaking of the El

All-Stars' Howard Kelley and El their 6'4" center, Fix, a tough rebounder, sparked the Marines Kelley, shooting from the out- to 41 more points in the second aim, hit the basket for 43 points. Top scorers for the All-Stars

shooter, collected 44 tallies from Taggart with 27 points each. Bill McCullough collected 7 and Darrell Johnson 6. Collins racked up 16 points, Woosley and Smith, 12 each, Fix

and Ray, 10 each, for the Santa Ana Marines.

Tourney Squad All-Star coach LTjg. Bob Kinsella and assistant coach LT. Gene Wanglie took a nine-man squad to the Long Beach tour-

Squad members making the trek were: Forwards Frank Bonislawski,

Jerry Schwarting, and Darrell Johnson. Centers Bill Taggart, Ken Stewart, and Bill McCullough. Guards Doug Wilson, Howard

#### FRA and Auxiliary To Meet Wednesday

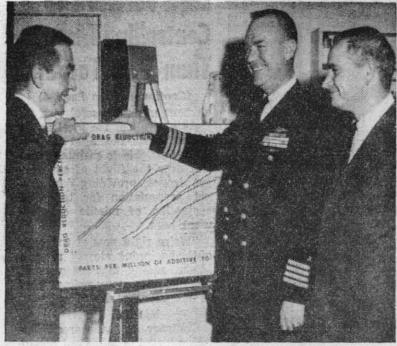
Kelley, and Ed Bradley.

All Navy and Marine Corps personnel with at least six years of active federal service, and their wives, are invited to attend the next regular meeting of the Fleet Reserve Association Branch 95 and its Auxiliary, Wednesday, Feb. 10.

The meeting, preceded by a happy hour, will be held at 365 McIntire, starting at 7:30 p.m.

of the Year" for 1964. The Foundation is one of the partici-The ladies' unit will serve pants in the Federal Service Joint Crusade campaign which

refreshments



VISITING NOTS Pasadena last week, Capt. E. I. Malone, Officer in Charge here from July 1961 to August 1963, discusses drag reduction theory with Dr. J. W. Hoyt, Head, Propulsion Division (I), and W. E. Hicks, Associate Department Head, UOD. Upon detachment from NOTS, Capt. Malone took command of the USS Passumsic (AO 107) based at Long Beach. This week, he relieves Capt. J. N. Renfro as Research and Engineering Officer at the Bureau of Naval Weapons (RR).

#### PROMOTIONAL OPPORTUNITIES

Personnel Clerk (Typing), GS- sonnel Division.

To apply for vacancies, con- 4, Code P659 - Provides cleritact Nancy Reardon, Pasadena cal and administrative services Personnel Division, Extension for Pasadena Employee Comp-492. An up-to-date SF-58 must Incentive Awards Program. Also Bahamas Island the biggest and be submitted when applying for provides typing, filing and gen- most complete undersea test eral clerical support for Per- range in the world.



DISTINGUISHED VISITORS from BuWeps, NOL White Oak, and NUOS were hosted at NOTS Pasadena last week by Capt. G. H. Lowe, Officer in Charge; and D. J. Wilcox, Head, UOD. The visitors were conducted on a tour of station laboratories and attended briefing sessions with technical personnel.

(From left) Dr. David F. Bleil, Technical Director for Research, NOL; Capt. Lowe; Capt. F. B. Tucker, Commanding Officer, NUOS; Capt. F. E. McEntire, Jr., ASW Officer (RU) BuWeps, D. J. Wilcox; W. E. Hicks, Associate Head, UOD; and G. G. Gould, Technical Director, NUOS.



### Camera! Action! For Evie Coit In "Pop-Up" Film

LET 'EM ROLL—Evelyn (Evie) Coit, Teletype Machine Operator in the Communication Section, stands by to appear in a revised version of the station's film, "Operation Pop-Up," as Louis Hochman, contract photographer from F. M. Productions, takes a light reading. Director of the film is Barry Shipman, also from F. M. Productions. The Pasadena Film Branch, headed by Roy George, is in charge of production of the film.

thing in which you aren't even tilla Three, where he served as Citation for action in the Phil-

Ralph Robey, photographer er for 33 months including sevin the Public Information Of- eral months overseas duty in

cific area, he earned 4 battle Previous to NOTS, Robey was stars while his ship, the USS A fanatic is someone who is attached to the Staff of Com- Lunga Point (CUE-94) was nighly enthusiastic about some- mander Cruiser Destroyer Flo- awarded the Presidential Unit Public Information Photograph- sippines, Iwo Jima, and Okinawa.



JOINT CRUSADE donations, marking start of local call for funds, were received by Clarence J. Renne (left) chairman of the 1965 Crusade, and Irma Agnew (right) keyman for Code 17. Dr. Wm. B. McLean, NOTS Tehcnical Director, (2nd from left) and Capt. John I. Hardy, ComNOTS, issued plea for strong support of campaign by Command as they demonstrated course to follow.

Income Tax

Information

BY KEN MILLER

apparently concerned and con-

fused about what portion may

be deducted, if any, of state and

local taxes on their motor ve-

hicle licenses and driver's licen-

For the tax year beginning

January 1, 1964, state and local

taxes on such licensese may NOT

Now this has caused many to

assume that there is no category

under which these costs may be

listed as deductions. This is not

entirely accurate. They may be

considered in part as personal

property taxes since they are

levied annually and based in

However, the entire cost of

the license is not personal prop-

erty tax. To determine what por-

total cost of the license:

Motorcycles — \$8.00.

of Motor Vehicles.

nounced this week.

Passenger cars — \$8.00.

Station wagons - \$9.00.

Scholarship Nominee

Named By Engineers

ing scholarships by the local

Desert Empire Chapter of the

California Society of Profession-

Brixus was selected from a

Trailers (house and utility)

Trucks - This amount will

tion may be used, simply deduct

be deducted as taxes.

part on value.

Many people in the area are

# Employees Reap 57,225 In Incentive Awards

Sixty-six employees received a grand total of \$7,225 in awards under the Incentive Awards Program during the last three months of 1964. Sustained Superior Performance Awards were granted to 24 employees for \$4,550, Superior Achievement Awards went to 42 employees amount-

Top individual awardees were Development. Charles G. Beatty of Pasadena's Underwater Ordnance and Glen D. Holler of Propulsion Development with \$300 each.

Richard A. Nagelhout of Weapons Planning, Joseph W. McIntire of Aviation Ordnance, Donof Pasadena's Underwater Ord- of Central Staff. nance, and Ellis E. Kappelman ceived \$250 each.

Seven employees received \$200 each. They were Michael McFall Robert J. Stedman and Vernon Logue of the Test Department; Robert D. Green, Aviation Ordnance; Merlin G. Vance and Jack N. Zaun of Pas- ert J. Stedman, \$200; Vernon J. adena's Underwater Ordnance; Logue, \$200; Ernest C. Stevens, and Robert E. Law, Propulsion \$150; William C. Davis, \$150; Al-

nance tied for first place with 11 employees receiving awards, Propulsion Development was Robert D. Green, \$200. second with 9, and Weapons Development third with 7.

Top group award of \$300 ald B. Davey and John D. Skoog went to the Disbursing Division

Station employees and their of Propulsion Development, re- awards are listed by departments as follows: SUSTAINED SUPERIOR

PERFORMANCE Weapons Planning Richard A. Nagelhout, \$250. Test Department

Michael G. McFall, \$200; Rob-

vin Hill, \$150; Cora W. Spiers, Test and Underwater Ord- \$100, and Marie McArtor, \$100. Aviation Ordnance Joseph W. McIntire, \$250, and

Weapons Development Leah K. Crista, \$100.

**Propulsion Development** Ellis E. Kappelman, \$250; Robert E. Law, \$200; Billy W. Cox, \$150; James P. Curran, \$150; Coy G. Gifford, \$150, and Udell R. Prescott, \$150.

Underwater Ordnance Charles G. Beatty, \$300; Neri Cornford, \$250; Donald B. Davey, \$250; John D. Skoog, \$250; Merlin G. Vance, \$200; and Jack N. Zaun, \$200.

SUPERIOR ACCOMPLISHMENT Central Staff \$300 Group Award -Barba-

ra A. Kasal, Hester L. Daniels, Wilma T. Herzog, Esther L. Clark, Brenda L. Lewis, Verna C. Emery, Catherine J. Davison, Georgene A. Sizemore, Susan Mann, Lila M. Howard, Rose A. Crager, Carol Hancock, Vernelle K. Whipkey, and Brenda J. Womack.

Test Department

Vernon J. Monckton, \$150; Leah C. Taves, \$100, and Harry L. Devereaux Jr., \$100.

**Aviation Ordnance** Thomas S. Amlie, \$100 additional award; John M. Boyle and Earl J. Donaldson, \$100 group a ward; Mel Creusere, \$100 additional award; Frank J. Kirby and John C. Keyes, \$100 additional group award.

Weapons Development Frank G. Crescenzo, Robert L. Dow, and Benjamin Y. S. Lee, \$150 group award; Jack A. Myers and Richard G. McCarthy, \$100 group award; Robert L. Dow and Frank G. Crescenzo, \$100 group award; and Michael M. Kamimoto, \$50 addi-

tional award. **Propulsion Development** Lester T. Bankston and H. Powell Jenkins Jr., \$100 group award; Charles W. Falterman, William J. Griffith, and Harold

# the following amounts from the 54 Students Start 1965 Work Experience Program

WORK EXPERIENCE PROGRAM students

met with co-ordinators Monday to receive fi-

nal instructions before starting on the job.

At far left is administrative co-ordinator Wil-

BY DONNA RINEHART Work Experience Student

The Work Experience Program is beginning its ninth convary depending on the weight of sectuive year with the combined efforts of Burroughs High School

tact the California Department the fields of math, science, adbeen named scholarship nomin- in which they will study are as

ee for one of seven engineer- follows: **Engineering Department** John Winward, Bruce Turner, Robert Clark, Jerry Cobb, Richal Engineers, Stan Mutchler an- ard Johnson, James Asher, Don Noeonnich, Richard Meyer, Denny Rizer, Wayne Wilson, Rus-

sell Williams, and Sharon Swed-

field of eight high school candidates from the desert area Other Departments which includes China Lake, Jacobs (Code 70), Kathleen Ham- math and science; and Leonard Tehachapi, Edwards, and Bishlin (Code 40), Jean Brinkman Licwinko and William C. Davis, (Code 30), Kent Sterling (Code administration. The supervisor 176), Betty Kolalski (Code 65), for Burroughs is Dr. John Trent. Potluck Dinner Awaits Karen Allison, Linda Brown, Eagles at Moose Hall Chendal Coulter (Code 5056), The Fraternal Order of Ea- Thomas Allan (Code 5524), Ed-

gles will hold a potluck supper mund Anderson (Code 4033), tonight at 6 p.m. in conjunction Douglas Cooper (Code 3519), with its general meeting and Gregory Garman (Code 3023); planning for a Charter Institu- James Heflin (Code 3031), gional Conference today and tion program now scheduled for Shelan Kokosenski (Code 5059), John Licwinko (Code 5007), Co-

Moose Lodge, the meeting will lie Nelson (Codes 4535, 4502), cussed by nine panels from also include a solicitation of Steven New (Code 5522), James three perspectives: the promembers for prospective offic- Patras (Code 3045);

Fifty-four students are partic- Rex Randolph (5052), Roy Ranipating in this year's program in dolph (404), Roy Sasselli (5052), John Seybold (3522), Pennie ministration, shop, and clerical.
The only student returning for (7521), John Ward (4055), Karen Ricklund (3205), Kriston Carhis second year is Robert John-Bjorklund (3205), Kristen Car-Nick Brixus of Tehachapi has son. The students and branches lisle (014), Carole LaCombe (652), Melodie Mallory (851); Helen Strang (3566), Florence

Wilson (20), Robert Johnson (75123), Charlotte Blackmon (75113), Carvel Bass and Donna Rinehart (0032), Caren Griffin (8552), Irene Regelson (174), Teddye Bates (753).

The co-ordinaters of the program in behalf of NOTS are LCDR. Robert White, shop; Bob Kenneth Cox (Code 35), Wray Glen, clerical; Robert J. Stirton,

ASPA to San Diego

chapter of the American Sociwill participate in the ASPA Retomorrow at San Diego.

The theme of the conference. To be held at the Ridgecrest rando Mangapit (Code 5012), Ju- "War on Poverty," will be disgram, the needs, and the ad-Valorie Payne (Code 4065), ministration.

**Beaver Award** 

liam C. Davis, and at right are Dr. John Trent

of Burroughs High and Leonard Licwinko,

also an administrative co-ordinator. This is

ninth consecutive year of program.



OTTO R. PHELPS, Test Department employee, was awarded the Silver Beaver Award, highest honor bestowed for Scouting, last Saturday in Bakersfield. Here since 1949, Phelps has been active in organizing Troops and Explorer Posts in the area. He is advisor to the Kern County Council's Order of the Arrow. By the way, next week is National Boy Scout Week.

## J. Gryting, \$150 group award. Benny Sugg Till Tapped for

\$635 by Employees Nineteen Station employees tapped the Benny Sugg till for a total of \$635 during the last

three months of 1964. Winners of Beneficial Suggestion Awards are listed by departments as follows:

Supply Josiah D. Goodman, \$50; Viola V. Emmons, \$40; Bernice V.

Ingle, \$30; John D. Brink, \$30; Bettie J. Hardy, \$20. **Aviation Ordnance** Frances M. Parks, \$55.

Weapons Development Mary P. Oldfield, \$50; Ray W. Jan Aken; W. Gene Younkin. **Propulsion Development** 

Mira Lemons, \$25. Research Dept. Harold E. Bennett, \$25. Engineering Dept.

Stanley E. Creacey, \$80; Roy Gerard, \$50

Public Works Delbert D. Perry, \$50; J. C. Howard, \$25.

Technical Information Margaret Wall, \$20. Underwater Ordnance Ronald M. Roesch, \$15; Willard G. Clark, \$15; Phyllis A.

Cloud, \$15.

# OTS Pasadena

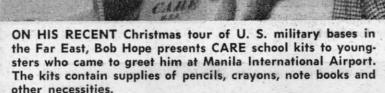
### Last Of Kats' Nine Lives In Jeopardy

By Ray Hanson

The Quiet Five tiptoed (in combat boots) to first place in the NOTS Wednesday night bowling league, taking four from the Jacks and Better while the Alley Kats, looking thinner in the pelt every week, were losing four to the Hits and Mrs. Going into the 19th week of play, the Five had a won-lost record of 53-23, and the Kats grimly held a second with 49.5-

High scores for the week were as follows: team series, Hunees, 2964; team game, Infirmities, Maxine Talbot, 657; men's game, Charlie Merrow, 274;

The Navy is now negotiating



**Urge Generosity In Fund Drive** 

encies and executive depart- of our fellow men.

er, sickness, tyranny, and igno- sade.' rance — a battle which con- With the Joint Crusade Drive stantly requires renewed hope, in full swing at NOTS Pasadefaith and courage.

An appeal for generous con- ject Hope and the Americantributions to the Federal Joint Korean Foundation will do much Crusade Drive was received by bat the poverty, hopelessness heads of all governmental ag- and fear which haunt so many

Friday, February 5, 1965

nents in the following memor- "To further the cause of andum from President Johnson: peace for all humanity, I urge "Throughout much of the all civilian personnel and memworld today, daily existence for bers of the Armed Forces to millions of human beings is a contribute generously to the ceaseless struggle against hung- 1965 Federal Service Joint Cru-

na, employees are urged to see "Your personal support of their keyman before the final CARE, Radio Free Europe, Pro- day of the drive, February 15.



RALPH J. ROBEY, PH2, receives Good Conduct Certificate and congratulations from Capt. G. H. Lowe, Officer in Charge.

# Robey Earns Certificate Of Good Conduct, Third Award

fice since February 1964, was recently presented with a Good

March 1944 during WWII. Conduct Certificate, Third Serving 14 months in the Pa-

NAF'S "REDBIRD" Division lays claim to "World's Finest!"

Unit. It's also Navy's smallest but has racked up significant

goal in dual-target presentation success.

CHASE PILOTS (I-r) are LTs. Pat Thompson,

Ken Sikes, Dick Thomas, Dave Jordan and

### 'Slave' Plane Is Controlled By Television

(Continued from Page 1) schedules T've seen. Everyone knew we had a time limit and it became a personal challenge to each man."

The auto-pilot controlled QF9 drone is "tricky" at best, even when a "chase plane" is flying control over the drone, according to Miner.

His unit selected two of the jet-powered planes as prototypes for the project, one fitted with a specially designed television camera and transmitter rigged under the left wing.

#### Television Guidance

This became the control plane and its mission was to keep the "slave" plane "on camera" at all times. The picture of the "slave" plane's relative position to the control craft was transmitted to the ground control station, sometimes up to 75 miles away, which maintained remote control over both planes through this method.

Up to this time, ground remote control was possible only over one unit at a time.

"Our final week of tests was socked in with bad weather here. Fortunately, Pt. Mugu's drone operations were open, so we shifted our equipment there for the last phase.'

#### Credit Misplaced

Pt. Mugu's personnel aided in the finishing touches and were credited in at least one newspaper article that chronicled the successful flight, "but it was a China Lake product from startto-finish," claims the wiry Navy

One of the Navy's smallest drone target units, the NAFbased organization has 12 OF9G (jet-powered) drones, 10 Q2C "Firebee" target drones, 4 DF-8F and 2 T-28 chase aircraft.

The QF9G - flown in Korea as the Navy's first-line fighter plane and by the famous "Blue Angels" - is used here in lowto-medium (500 to 30,000 feet) altitude tests. The Q2C drone target, a scaled-down version of a swept-wing fighter plane, is used for low altitude (50-feet) to high altitude (50,000 feet) and can also be used for high speed (500 knots) evaluation.

Because it is unrealistic in size and has limited payload capacities, the Q2C drone has se restrictions in its use involving development of some surface-toair missiles for fleet use.

#### Launched From Stands Special launching stands have

been erected at the G-1 range area for use of the Q2C target drones.

The QF9G drones are launched and landed at NAF using normal runway procedures. While the take-off is relatively simple, drone controllers encounter their greatest difficulties in the landing procedures.

"At all times, we're faced with the operational competence of the proverbial 'black box,' " notes Miner.

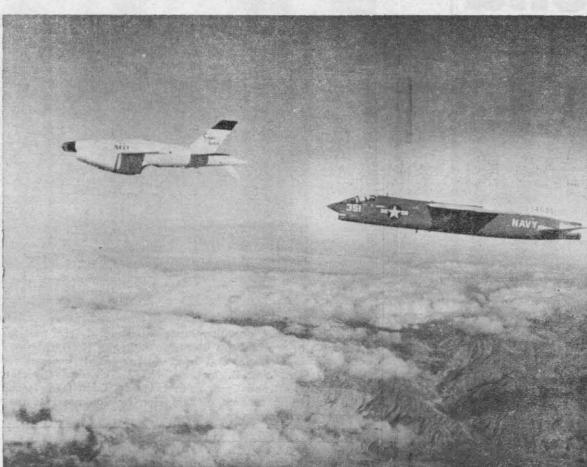
Under control of a remote ground control is turned over to a T-28 chase plane for low altitude and slow pattern flying, once the drone leaves the ground.

After proper altitude and speed is attained, control is then turned over to DF8F jet chase planes and guided into the firing pattern.

Control: Key Element It is from this critical point on that control becomes the key (Continued on Page 5)

# 'Project Drones'

Friday, February 5, 1965

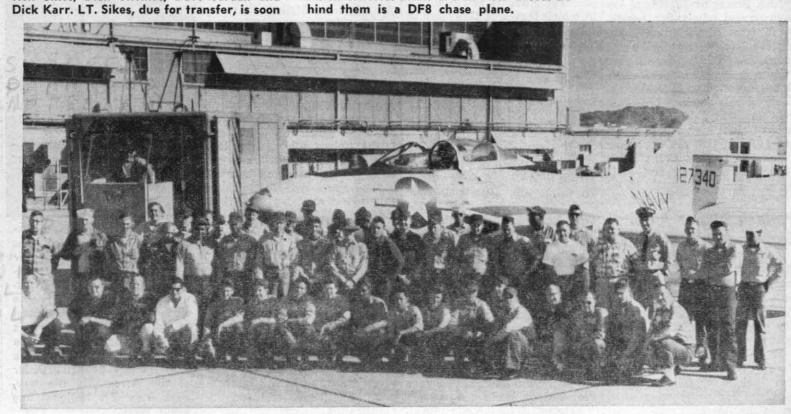


DF-8 CHASE PLANE guides Q2C "Firebee" target drone into "hot run" pattern. Small-

scale targets are used for high-altitude, highspeed tests, but also fly low-level.



to be relieved by LT. Thomas, as assistant division officers. Pilots are all NAF based. Be-

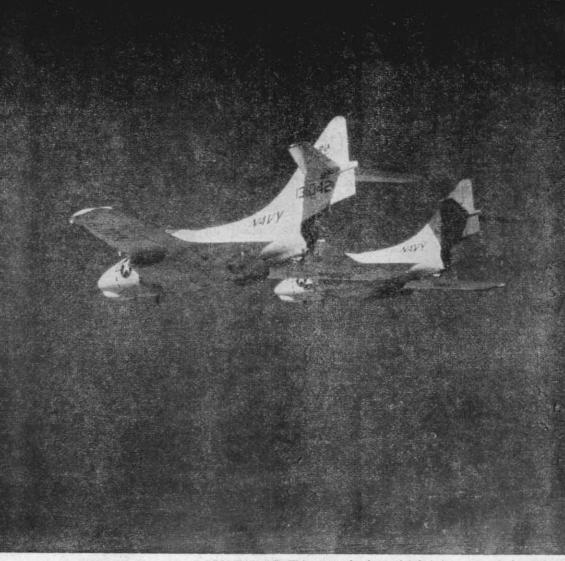


'NERVE CENTER' team during dual target presentation includes (I-r) Robert C. Burks, Ken Seaman, John H. Kolm-Donald, ATN3; Oscar A. Perkins, LCDR. Miner and Gordon F. Zurn Jr.

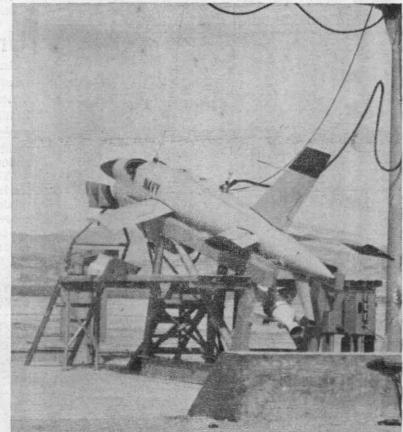
RIGHT: Checking out TV control camera are (I-r) Ronald G. Stoutmeyer, Victor D. Bizon, Lloyd J. Holt, James W. Baker and David W. Maghe,

LEFT: "Redbird" division includes two officers, 51 enlisted men and 16 civilians.

PHOTO CREDITS - Aerial photos by Floyd Pickrell and Sam Wyatt, AOD Photo Lab. All others by Seth Rossman, PH3, Rocketeer staff.



and under remote control of ground station on G-1 Range.





DARK-TAILED TV control plane (right) is transmitting picture of "slave" plane at left. Both drones are unmanned

LAUNCH PREPARATIONS underway at G-1 range for Q2C



### Look Forward to **Controlling More** Than Two Targets

(Continued from Page 4) element in a successful test.

As a result of the local unit's achievements, the flight controller is now able to maintain control over the flight of two target drones, providing dual target presentation for test and evaluation of missile development here.

"We're right now at the endof-the-beginning stage," reports Miner, adding that his concept must acquire many refinements in the months ahead.

#### Not All Fatal

Contrary to widespread belief, a target drone is not meant to be shot down in every test flight, he explained. Inadequate guidance or faulty sensoring devices frequently cause drone target destruction.

"In most instances, the missile being fired has much greater value than the drone target it destroys."

"That's the personality of weapons research and development - and the purpose of our being here," he notes philosophically.

The highest number of "missions" ever flown by a QF9G drone at China Lake is 12. Men engaged in maintaining the target units design symbols to paint on the sides of their drones, denoting "missions flown," "hit-but-returned" and other unusual flight character-

#### Spirit Reflected

This spirit, according to Miner, reflects the intensity of interest his men have in their work here, "and probably accounts to a large degree for the success of our dual target presentation project."

Unlike the static "Redbird" symbol attached to the Drone Division as a nick-name, today's crews working at NAF are swiftly "on the move" with a new target in sharp focus: flights of three targets under televised

All because it has now become a challenging way of life for them here at China Lake.

Combined Effort

As is the case in most major achievements here at NOTS, the dual drone flight scored by the NAF Drone Division, serves as an outstanding example of ioint effort.

The greatest source of pride is that expressed by Captain Robert R. Yount, Commanding Officer, Naval Air Facility, "in the outstanding officers and enlisted men engaged in our continuing programs involving drone operations.

"In addition, the latest achievement serves us as a stirring tribute to all the NOTS personnel - military and civilian - who contributed their technical knowledge and resources to this success."

The technical force includes, "as my number one advisor," Harry L. Myers, Head, Target Instrumentation and Evaluation

Branch, Cdr. Miner said. Others participating in the dual target presentation include: Henry Wair, Gordon Doyel, Robert C. Burks, Frank H. Greedy, D. Neil, Wilbur C. Pritchett, Oliver C. Norris, Richard P. Lansdowne, Gary W. Evans, Woodrow Chartier, Henry M. Purcell, and Ivan Goff-

Range Instrumentation Personnel included Lyle M. Johnson, Don W. Stanton, Randall W. Morris, Glenn O. Gallaher, M. P. Kratz, Ochs Hardin and Ken J. Davis.