### CROSSWORD PUZZLE

1-Explosion 6-Clayey earth 11-More beloved 12-Forms 14-Latin

15-Retain 17-Man's nickname 18-Possessive

pronoun
20-Challenges
23-Sunburn
24-Soaks up
26-Bracing
medicine
28-Prepositior
29-Test
31-Went by
automobile
33-Lump of
earth

earth 35-Withered 36-Folded 39-Extra

42-Pronoun
43-Charge the
account of
45-Quarrel
46-Girl's name
48-Take
unlawfully
50-Trans-

gression 51-Indefinite amount 53-Bound 55-A continent (abbr.)
56-Kite
59-Large spoon
61-Subject of
discourse
62-Haste

DOWN 1-Wagerer 2-Note of scale 3-Wooden

5-Wooden vessel 4-Sow 5-Handle 6-Legal seal (abbr.) 7-Exclamation

11-One who believes in a personal God 13-Church council 16-High school

dance 19-Condiment 21-Man's nam 27-Group of

soldiers 30-ls defeated

program 40-Showered 41-Small stoves

Answer to Previous Puzzle

measure 58-Symbol for tellurium 60-French

# **Dental Health Tips Listed**

(Continued from Page 2)

brush your teeth right afterwards or rinse your mouth

with water. Some foods are called "detergent" foods, and these are especially helpful to dental health. These are the foods like raw carrots and celery sticks, raw vegetables and fruits that require thorough

As you chew, you force such foods over your teeth and soft tissues in a cleansing action. Your daily diet should contain ample amounts of detergent

Avoid impacting foods that

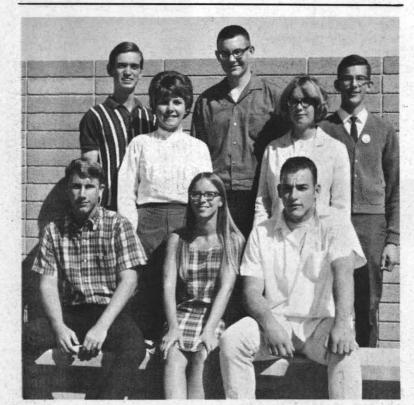
tend to pack into tooth fissures and grooves, cookies, crackers and candies, for instance. These are your teeth's worst enemies.

**Nutrition Important** 

Good nutrition is especially important in early childhood, when the teeth are still forming. Wise parents avoid serving sweet foods to children, substituting milk and unsweetened fruit juices and raw fruits

for snacks. A good diet can be interesting and tasty. We can eat well and still eat right. And we'll keep our teeth if we do. (Next article: "Fluoridation

-Tooth-saving Measure.")



BHS STUDENTS TOP U.S. SCHOLARS—Ranking in the top two per cent of seniors in the United States according to their scores on the National Merit Qualifying Exams are nine Burroughs students. Seated (I-r) are John Ward, Penny Kochman, and Dene Smith. Standing, second row (I-r) are Janis Little, Pat Heddel. Back row (I-r) are John Guth, Roy Shults, and Chen Coulter. An additional student, Barbara Stecker, was not present.

The was not present



GROUNDWORK FOR 'HARVEST'-Mrs. B. Arthur Breslow (standing, right), fashion show general chairman, meets with four ladies of China Lake's Catholic parish as they prepare the entries they will model at All

Faith Chapel Sunday, Oct. 17. Models are (I-r) Mrs. Francis George, Mrs. James Mc-Lane, Mrs. Alan Hugo and Mrs. Emanuel Dunn. Items will include coat to be given as door prize.

Handmade creations will in-

clude fashions for casual, day-

time, and evening wear, re-

ports Mrs. Helen Breslow. A

real show stopper will be the

Schneider daughters, ages 10

and 7 years in red cord jump-

ers with dolls dressed in du-

plicate ensembles. Mothers

and daughters modeling cloth-

es will number 27 at the show.

ladies, husbands are invited,

and will join the luncheon fea-

turing orange chicken. Due to

the limited seating capacity in

the East Wing all who wish to

attend are urged to make

able after all masses on Oct.

Rory O'Connor and Roy Doig.

Art Breslow will handle light-

ing. Tina Knemeyer will com-

pose and read the commenta-

ry assisted by Alice Wenzl.

der, hand knit woolen coat in

the winner's choice of size

and color will climax the

Drawing for a made-to-or-

By popular request of the

# SHOWBOAT

AY OCTOBER 8
"HOW TO STUFF A WILD BIKINI" (93 Min.) Annette Funicello, Dwayne Hickman

7:30 p.m.
(Comedy in Color) Naval Reserve Avalon is in Tahiti so he has a witch-doctor (Buster Keaton) use powers to report Annette's activities. The beach gang now goes for cycles as well as the surf and it all adds to laughs galore. (Adults and Youth.)

--MATINEE---"EVERYTHING BUT THE TRUTH" (83 Min.)

Maureen O'Hara Shorts: "Poop Deck Pirate" (7 Min.)
"Rocket Men" (13 Min.)

--EVENING-"THE BOUNTY KILLER" (92 Min.) Dan Duryea, Rod Cameron

7:30 p.m. (Western in Color) Eastern dude learns the way of the West real fast as he rides "Shotgun" with an ex-sailor stagecoach driver and becomes a bounty hunter. Old timer western stars-Fuzzy Knight, Buster

Shorts: "Cannery Woe" (7 Min.)

OCTOBER 10-11 NDAY-MONDAY THE GLORY GUYS" (112 Min.)

captain starts off new assignment in op-position to his CO and his Indian scout as they prepare for an assault. Rifles ready and sabres glistening, they face the fierce Short: "Sink Pink" (7 Min.)

TUESDAY-WEDNESDAY OCTOBER 12-13 Steve Cochran, Hildegarde Neff, Vivi Bach

(Adventure in Color) Unemployed pilot becomes embroiled with a crime syndicate and murder as the police of two countries use him for "bait." Mozambique . . . where everything and everyone has a pricel See beautiful Vivi, Europe's pridel (Adult.) Short: "Italian Holiday" (10 Min.)

THURSDAY-FRIDAY OCTOBER 14-15

Ursula Andress, John Richardson
7:30 p.m.
(Adventure-Fantasy in Color) A soldier
who resembles an ancient Egyptian priest is given a map to a fabled lost city. An adventurous trip leads him, and his buddies, to the city ruled by a woman of fantastic beauty. Native dances and battling hordes are equal to the gorgeous Ursula and her "eternal life." (Adults, Youth and Children.) Short: "Puss 'n Toots" (7 Min.)

# 'Autumn Harvest' Gathers Fall Fashions At Chapel

"Autumn Harvest," a fashion show and luncheon, sponsored by the China Lake Chapter of the Church Militant (Catholic parish), will be held at 1 p.m. Sunday, October 17, in the East Wing of the Chapel.

COM

Tomorrow night is Winstrup Olesen Night!!! If you saw Winstrup Olesen's Trio last time they played the Club, we know that you will be there early so as not to miss one single note. From Copenhagen, Olesen features classic to jive dancing and entertainment. He was truly one of the most popular groups to appear here so don't you miss out this time.

Dress changes went into effect as of Oct. 3, so coats and plans early. Tickets are availties are mandatory after 7 p.m.

Have you been thinking in 10 and 17 or from ticket chairan imaginative vein so that you man Betty Doig and her commay take one of the costume mittee. prizes at our Halloween Party on Oct. 29? Marcia Smith and I are co-chairmen of the decorating committee and believe me, they have come up with a theme which, I'm sure, has never been equalled.

I won't even ask you to guess. We will just invite you to spend the evening of Oct. 29 with us in the dark, scary "Sewers of Paris."

Pat Shannon

	PLACI STAM HERE
	The second secon
A TO THE RESIDENCE	

event.

# Combined Federal Campaign Kickoff Oct. 15

Raising of a big red, white and blue banner in Switzer Circle last week previewed the opening of NOTS 1966 fund-raising for charitable organizations.

The new concept in on-thejob charitable campaigns will be conducted at NOTS, from Oct. 15 through Oct. 29, Station Commander Capt. J. I. Hardy announced this week. Vol. XX, No. 40

Called the Combined Federal Campaign, the "Once for All" drive will provide opportunity for federal and military people to combine in one contribution their support of three volunteer organizations that in the past have carried out separate fund - raising

The 1966 Combined Federal Campaign will collect in one drive with one pledge contributions to the local United Fund, the National Health Agencies and the International Service Agencies.

All Federal employees in Indian Wells Valley will make their one-time contributions during the "Once For All" campaign. Participating in the Combined Federal Campaign locally will be NOTS personnel and staffs of the Ridgecrest and Inyokern post offic-

Although the CFC concept is new here, it was successfully tested last year in Washington and five field locations. Both civilians and servicemen expressed their liking for the combined fund-raising plan. Economy in collection costs to beneficiary agencies and to the government are added benefits derived from

Payroll Deduction Authorized A new way to pledge is offered. Payroll deduction is now authorized for federal employees to spread their gifts over a one-year period in lieu of one or two large payments. Those who wish may still elect the option of a single cash donation or pledge.

Annually about five million civilian employees and members of the Armed Forces throughout the world have expressed a strong desire for raised over \$25 million in sup-

oort of their three charitable drives. Even though these campaigns have been success-

money for all causes.

Two years of consultation ley. and planning with the voluntary agencies have gone into ful, civilians and servicemen the Combined Federal Cam-

one campaign a year to raise paign that will be launched

RAdm. M. E. Dornin ComOpTevFor, **Visits VX-5** 

Story and Pictures On Pages 4, 5

# **NOTS Evaluates Nation's First** Microminiaturized Flying Radar

Naval Ordnance Test Station, China Lake, California Fri., Oct. 8, 1965



MICROMINIATURIZATION — The airborne XR-45 Multimode radar is shown installed in nose of former F3D light attack fighter. 200

hours of testing at NAF (82 in air) proved effectiveness of nation's first such system with micro circuitry.

throughout Indian Wells Val-

Coordinating Committee Coordinating committee for Indian Wells Valley "Once For (Continued on Page 3)

### **Radar Gives Plane Low-Level Agility**

Its name is the XR-45 Multimode Radar, and after six months of intensive ground and flight testing at NAF, this airborne radar system with microminiaturized circuits is the first of its kind in the

The radar's functions tested out failure-free through 200 operating hours at NAF, of which 82 were flight hours in a TF10B jet.

According to Francis L. Guthleben, Aviation Ordnance Department electronics engineer and the project engineer, primary emphasis during the program was on "automatic terrain following" (ATF) and air-to-ground ranging. The XR-45 was tested also for its "terrain avoidance/contour mapping" and simultaneous operational modes.

Hugging the Terrain "We began this project in March this year," says George Wright of AOD's Radar Branch, head of Attack Radar Section. "The purpose was to determine the reliability and ease of maintainance of this system.'

plains," the XR-45 safely guided its aircraft close to the deck over some very rugged (Continued on Page 3)

"In its ATF mode," he ex-

### **Surplus Sale Soars** In Volume, Attendance By 7 a.m. last Saturday crowds had started to gather for

NOTS' first sale of government surplus property. By the time the day ended, an estimated three thousand people had to Warehouse 14 to see what was going on.

technical books running a customers. close second. Among single street lamp globes of glass or tion of many people. At \$1.00 ly in the day. Even the dis- tion. play set up to show possible customer.

A festive air prevailed, with Jeffrey and Material Officer ment surplus property.

Furniture proved to be the LT(jg) F. B. Fuller were enmost popular commodity with listed to sack purchases for

Based on dollar value of maitems included in the sale, big terial sold, NOTS first sale exceeded similar government plastic intrigued the imagina. surplus property sales at Vandenberg Air Force Base and apiece, they were sold out ear. North Island Naval Air Sta-

The next surplus property uses of the surplus headboards sale is planned for the first sold, books and all, to a single quarter of 1966. A number of improvements are contemplated including additional cash every one good-natured about registers for quick check-out the long waiting line to get and a better system for reinto the store and a waiting moving large items, according line to check out purchases at to Disposal Officer Gordon the cash register. So busy Peacock. He added that screenwere people in the Disposal ing is already under way for Branch, that Supply Depart- material to be included in the ment Director Capt. P. W. next sale of NOTS govern-



KEY CAMPAIGN PERSONNEL - Department representatives who will coordinate collections for the Combined Federal Campaign pose with Capt. J. I. Hardy, ComNOTS. Front row (I-r) Capt. Hardy, co-chairmen John Simpson, LCdr. Fred Elliott, and Ed Casaroli, Phyllis Hall, Sarah Leatherbury, Carolyn Kruse, Jim McGlothlin, general chairman. Second row (I-r) Bill Borgstadt, Ens. R. G. Cable, W. H. Broyles, Al Wacker, Pat Zemball, Terry Wiruth, Lt. D. C. Jordan. Back row (I-r) 'es Fairall, Jim Baird, Quentin Dalton, Cecil Wade, Bill Maddux, Chief C. R. Garcia.

Goliath Stomps NOTS In Opener, 41-27

### CHAPLAIN'S MESSAGE

## Demands Flag Our Respect



CHAPLAIN EDWARD F. KANE

How many times do you ask Divine Guidance upon our country and our leaders? How often do you ask a Supreme Being to smile upon our efforts to be big-brother to the world? How frequently do you beg God to bless the land that you love?

Or, if you happen not to believe in God or anything that sounds like "God," how often do you hope that all goes well for our country and its objectives? How frequently do you wish that our country will continue on its noble road to ideal-

In other words, believer or non-believer, how much do you think of your country and how often do you suit your words to action? Actions do speak louder than words!

This seeming tirade resulted from some observations of our general conduct on the Station during the daily raising and lowering of our flag. It's most dismaying to watch those who fail to stop during the ceremony, despite the national anthem which is being broadcast at that time. Drivers and pedestrians blissfully ignore the opportunity to show their citizenship.

Actions do speak louder than words! So, please, be anxious for the opportunity to stop in reverential awe when the flag is being saluted. Look for the opportunity, don't ignore it! Teach your children by your actions and, once in a while, bring them down specifically to watch the ceremony.

So. if you do pray, make sure your prayers reflect your actions. You can't ask God to bless America, if you don't show Him that you love and respect your country and its flag.

# Your Dental Health

By DR. JOSEPH G. CHUDZINSKI, Dental Officer

teeth. Too many of us will id.

One of the factors causing us to lose our teeth prema- is essential to dental health. turely is the food we eat.

coarse, fibrous foods and very to peridontal disease. few sweets, was seldom trourequired, but decay was not spot for bacteria to work.

to-eat foods and our taste for eliminating the coarse but nusugar-rich pastries and cakes, tritious foods they need; with have laid ourselves open to a tender or swollen gums these toothless future.

Studies show that there is a chew. direct relationship between di- A diet good for dental tween diet and peridontal diseases. The peridontal tissues The fewer times you eat are the gums and other sup- sweets, the better off you are. porting tissues around the A piece of candy is 75 to 80

starches is a direct invitation 30 teaspoonsful. If you do eat to tooth decay, since bacteria an occasional confection, in the mouth quickly turn (Continued on Page 8)

All of us have two sets of them into decay-producing ac-

Further, a well-balanced diet since inadequate nutrition may Primitive man, who ate decrease a person's resistance

The texture of foods is also bled by tooth decay. He often important. Soft foods tend to wore his teeth flat from the impact between the teeth and amount of chewing his diet around the gums - a choice

Persons with peridontal dis-We moderns, with our easy- ease often curtail their diet by foods have become painful to

et and tooth decay. There is health must, first of all, be also some relationship be- good for your general health. Eat Less Sweets

per cent sugar, and a candy A diet heavy in sugar and bar may contain as much as

# Official Weekly Publication

Public Information Officer Frederick L. Richards

Staff Writers

Staff Photographer

and Ralph Robey, PH2 (Pasadena).

Photographs .....Tuesday, 11:30 a.m.

00929. Phones - 71354, 71655, 72082.

PROMOTIONAL **OPPORTUNITIES** 

Present Station employees are encour-aged 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

Electronic Engineer, GS-13, Code 5520-This position is that of Sidewinder Project Engineer in the Sidewinder/Chaparral Guidance & Control Project Office, Elec-tromechanical Engineering Div., Engineer-ing Dept. The incumbent will share re-sponsibility for the Guidance and Control Unit of the Sidewinder 1A and Sidewinder 1C air-to-air missiles. Emphasis will be

Position require incumbent to perform production engineering duties, electronic design, evaluation of proposed changes, and plan work assignments for the con-stant upgrading of missile performance and

s cost reduction. Mechanical Engineer (Ordnance), GS-11 or 12, PD 455028-1, Code 5563-Incumbent will be responsible for ordnance design, tems. Must have experience which has included ordnance design, testing and pro-duction. The position is located in the

File applications for above with Loretta Hetherington, Bldg. 34, Rm. 34, Phone

Clerk (DMT), GS-5, Code 4050 - Types technical notes, reports, correspondence, forms, etc. from either rough draft or recorded dictation. Acts as office recep onist and performs miscellaneous officeclerical duties.

Qualifications: Two years' clerical-typing

experience, one year of which must have included transcription from dictating ma-

Mechanical Engineer, GS-9 or 11, Code 4046—Directs and coordinates the design, development and testing of one or more underwater systems. Makes calculations to predict performance or design parameters and determines load and stresses; and conducts evaluation tests.

Qualifications: Applicants must have

Bachelor's degree in engineering plus two years' (three years for GS-11) progressively esponsible experience in the mechanical

engineering field.
File applications for above with Sandi
Craig, Bldg. 34, Rm. 28, Phone 72676. Warehouseman, \$2.69 to \$2.91 per hour, Code 2591-NOTE: Only current Station civil service employees are eligible to ap-ply. Performs a variety of tasks in conion with the physical receipt, storage or issuance of material. Six months' wareouse experience required.
File for above with Pat Dettling, Bldg.

34, Rm. 28, Phone 72218.

Contract Assistant, GS-1102-5 or 7, Southwest Division, Bureau of Yards and Docks, San Diego, Calif—This position is located in the Office of the Resident Officer in Charge of Construction, U. S. Naval Ord-nance Test Station, China Lake, Calif. This racts advertised and awarded by South ubmit a current Standard Form 57 with Code 70, Bldg. 37, Rm. 113, China Lake,

COMPETITIVE EXAMS

tion), Annc. No. P-NOTS-IVa-13(65), issued Oct. 11, 1965. Applicants must be Career or Career Conditional employees of NOTS, China Loke or Pasadena, Calif. File Card Form NAVEXOS-4155-AB and Standard Form 57 with the Personnel Division P-659, Pasadena, Calif. Applications must be received or postmarked not later than Oct.

The Board of U.S. Civil Service Examiners, Eleventh Naval District, announces an Examination for Sheetmetal Worker, Annc. No. SF-20-83(65), for filling such vacancies as they occur at the U.S. Nava Ordnance Test Station, China Lake, Calif. File applications with the Civil Service Representative, U.S. Naval Ordnance Test Station, China Lake, Calif. Applications will be accepted until further notice.

Fellowship in Atmospheric Modelling — Applications are invited for appointment to a fellowship in atmospheric modelling with Australia's Commonwealth Scientific and Industrial Research Organization's Division of Meteorological Physics located at B—Cereal, fruit, fried eggs, luncheon meat,

Aspendale, Melbourne, Victoria. ants should have a Ph.D. degree in fluid dynamics or have had postgradu ate research experience of equivalent stand-

Applications should quote reference num ber 420/205 and bear full name, place, date and year of birth, nationality, marital status, present employment, details of qual ifications and experience, together with the names of at least four persons acquainted with the applicant's academic and pro-

fessional standing. Applications should reach the Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, London, W.C. 2, England, not later than Oct. 15, 1965.

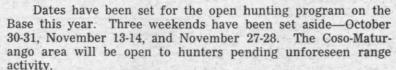
It's strictly a myth that de-Sabbath School-10 a.m. to noon, every creasing tire pressure will give first and third Saturday. Unitarian Fellowship (Chapel Annex No. 95,

you a better grip on wet surfaces. Actually, letting air out B-Cereal, fruit, minced beef on toast, hash increases the chances of skidding and increases stopping dis- D-Vegetable soup, oven roast beef, natural

'DESERT PHILOSOPHER'

# Station Hunting Dates Outlined

By "POP" LOFINCK



Friday, October 8, 1965

The basic purpose of this Base is, of course, weapons development and testing. All else is secondary. But the above dates are clear as o fnow.

Hunters will be allowed to take all species that are legal during this season - chukar, quail, cottontail and jackrabbit. No weapons other than shotguns will be allowed on the Station. Shot shells only, no slugs.

No motorcycles or scooters allowed. Only four-wheeled

Entry will be at the Darwin Gate, which will be open from 6 a.m. Saturday through 5 p.m. on Sunday.

OVERNIGHT CAMPING PERMITTED Overnight camping on Saturday nights will be permitted in the vicinity of Junction Ranch or Bircham Springs. Make certain you have enough water and gasoline to last during

All hunters must depart the confines of the Station by 5 p.m. on Sunday, by the same gate you entered.

Hunters will be required to check in and check out and a permit, map and instructions will be issued at the point of

The Navy will be responsible for ingress, egress and security and the Department of Fish and Game for enforcement of

D. F. G. made a game reproduction survey in August of this year, of the Coso-Maturango area. Although they have trapped 6,614 chukars on the Station since 1954 for transplanting to other areas, where they could propagate and be hunted, the August survey seems to indicate there are more chukars, quail, and cottontails in this area than ever before.

So, with the abundance of game, there appears to be no reason for restricting the number of hunters this year. FIRST OPENED IN 1963

The area was first opened to hunters in 1963. Over 1100 so called hunters came. They didn't take much game, because the majority didn't know how to hunt chukars and there was a snow storm just before that. Many seemed to think you could walk out and knock them over with a stick. It's not that easy. Chukars are hard to hit.

In the 1964 season the hunters did pretty well. There were not so many - seemingly only those returned from the previous year who knew how to hunt.

**GOOD '65 SEASON PREDICTED** 

This 1965 season should be very good. But getting your limit takes know how, and you should have a retriever.

One reason for the abundance of game on the Station is that the game has been protected by the Navy. Another reason for this year's increased game population is the rains. Rainfall in July was by far the highest on record, totaling 1.30 inches. The average is but 0.02 inches. So plenty of feed this year. NAVY PROTECTS WILDLIFE

It has been the continuing policy of the Department of the Navy that all activities which contain suitable land or water areas shall have an active progressive program for the management of renewable natural resources and the conservation

### GENERAL MESS MENU

S-Tomato barley soup, garlic croutons,

beef stroganoff, steamed rice, succotash salad bar, Boston cream pie, cold drink. SATURDAY, OCT. 9

1000 ADD:Creole soup, tom tom steak potato chips, salad bar, ice cream, cold 1000 OMIT: Luncheon meat, waffles,

S-Chicken rice soup, Southern fried chicken, giblet gravy, mashed potatoes, bread dressing, peas and carrots, cranberry sauce, salad bar, fruit jello with whipped cream, cold drink. SUNDAY, OCT. 10

B-Cereal, fruit, fried eggs, breakfast steak, waffles, syrup, tomato juice. sandwiches, beef noodle soup, salad 1000 OMIT: Breakfast steak, waffles, syrup, tomato juice.

S—Grilled beef steak, sauted onions and

green peppers, baked potatoes, French fried cauliflower, salad bar, garlic sauce, cold drink. MONDAY, OCT. 11

gravy, mashed potatoes, asparagus, salad bar, blackberry pie, cold drink.

butter cake, garlic bread. syrup, jelly filled doughnuts.

parsley buttered potatoes, German sauer-kraut, salad bar, chocolate layer cake

B—Cereal, fruit, scrambled e g g s, bacon slices, home fried potatoes, assorted Danish pastry.

D-Split pea soup, roast leg of pork, brown pork gravy, baked sweet potatoes, green beans, salad bar, pineapple pie, cold

gravy, roast brown potatoes, broccoli salad bar, Boston cream pie. WEDNESDAY, OCT. 13

B-Cereal, fruit, griddle cakes, sausage pat ties, syrup, pecan rolls.

D—Chicken noodle soup, Southern fried chicken, giblet gravy, mashed potatoes bread dressing, peas, salad bar, apple pie, cold drink. S-Beef barley soup, brown beef stew

noodles, spinach, salad bar, sugar cook THURSDAY, OCT. 14 B-Cereal, fruit, soft or hard boiled eggs, baked beef hash, iced raisin buns.

D-Navy bean soup, baked Virginia ham raisin sauce, baked potatoes, Brussels sprouts, salad bar, peach pie, cold S-Minestrane soup, baked meat balls, spagnerii dauce, boiled spaghetti, pizza, mixed vegetables, salad bar, peanut

FRIDAY, OCT. 15 B-Cereal, fruit, cinnamon French toast, grilled bologna slices, baked Navy MENU SUBJECT TO CHANGES



THEY YIELD STUBBORNLY — The NOTS 14 made NAF fight for points Monday. Kneeling NOTSers (I-r) are Terry McEntee, Gerald Rushing, Joe Kuhur, Jim Johnson, Joe



CONFIDENCE, seen in faces of Capt. Leon Grabowsky, Exec., and (left) Cdr. William J. Snyder, Assoc. Dir. of Supply, was justified at surplus sale. Helping them cut ribbon at Warehouse 14 is Teri Hill of Supply's Material Div.

### Finals Scheduled Tennis Tourney

mixed doubles competition to-

morrow, the total number of

competitors on the crowded

Football Schedule

All games will be played

on Kelly Field. Kickoff time

-Monday, Oct. 11-

VX-5 vs. NOTS

-Thursday, Oct. 14-

NOTS vs. NAF

-Monday, Oct. 18-

NAF vs. VX-5

-Thursday, Oct. 21-

VX-5 vs. NOTS

-Monday, Oct. 25-

NAF vs. NOTS

-Thursday, Oct. 28-

VX-5 vs. NAF

-Mor. day, Nov. 1-

NOTS vs. VX-5

is 8 p.m.

be posted at the courts.

China Lake Tennis Club fall consolation play. tournament players completed With the ladies joining in the first half of this year's court battle last Sunday with a great scarcity of love games and several drawn-out, hardfought matches.

In the tourney's windup and finals tomorrow and Sunday, some 27 winners of the first round are scheduled to fight it out in championship and

### **Engineering Review** Class Now in Session

A review class in preparation for the California State "Engineering in Training" examination is now in session at Room 13, 340 West Church St., Ridgecrest. Class starts at 7 p.m. each Tuesday. Those planning to take the

Nov. 20th EIT examination are welcome to attend. There is For further information con-

tact Russell D. Palmer, FR 5-

Adm. Stroop

Bonislawski, Bennie Ceaser and Ted Cherry.

# **Golf Tourney Next Saturday**

Originated in 1960, the tour- Hangar 3.

and is presently Commander, two dates: Naval Air Forces, Pacific

low net individual contest with 90 personnel. full handicap. No partnerships are involved. If there happens civilian employees from other to be a tie after 18 holes, a departments working at NAF; decide the winner.

Prizes will be given for at with Oct. 13. least six low net and three low gross scores. The low net win-

phy along with past winners. Friends: Two women mad at Entry fees are \$3.50.

### Change in X-Ray Hours Are Listed Due to change of schedule,

Cook and Mike Holter. Standing (I-r) are Fred Krueger, Leo

Lopez, Earl Baldwin, Louie Albright, Rich Eakle, Frank

the Mobile X-Ray bus will not arrive at NOTS until Oct. 13. Local golfers are casting an The schedule for Oct. 11 and optimistic eye at the weather- 12 as noted in NOTS NOTICE man as they prepare for the 6224 has now been moved up fifth annual Vice Admiral to Oct. 28 and 29. On these Paul D. Stroop tournament to two dates the bus will be lobe held next Saturday, Oct. 16. cated along the east wall of

nament honors VAdm. Stroop, The following schedule is efwho was Station Commander fective for military and civilfrom Oct. 1952 to Aug. 1953, ian personnel at NAF on these Oct. 28 from 8 to 11 a.m.

Code 18 personnel; from 1 to The tournament will be a 3:30 p.m. Code 18 and Code Oct. 29 from 8 to 11 a.m.

"sudden death" playoff will from 1 to 2:30 p.m. stragglers. It is to be noted that the A hole-in-one putting contest remainder of the NOTS NOwill also be held. Winners will TICE of Sept. 9, which has be determined by a point sys- been distributed to all hands will remain the same starting

ner will receive a trophy and can remember when a TV anin addition have his name en-graved on the permanent tro-

Drawing from a comparative giant among Station teams in the opening game of the 1965-66 football season, NAF won a resounding first victory from the 14-player NOTS squad on Kelly Field Monday night. From kickoff at 8 p.m. un-

til the end of the first half, however, NOTS held off the Naval Air Flyboys with a 6-6 tie. In the second half with NOTS keeping up the fight to the tune of 21 points, NAF pulled out ahead with five touchdowns complete with extra points.

How NAF Did It

Quarterback Russell scored the Flyboys' first TD on a 14yard quarterback sneak in the game's first half.

Hughes, at left halfback slot, took the ball 18 yards after snagging a 10-yard pass from Russell for TD number two. Litchfield, right halfback made it three TDs on a 20yard go, and was followed by the quarterback once again with a 26-yard run around NOTS' left end.

Touchdowns five and six came for Goliath when Litchfield took a pass from Russell and carried it 18 yards, and when, in a spectacular performance, Russell outflanked NOTS' right side and went 23 yards to the goal.



YES, JOE KUHUR, that sure was a close call! Kuhur, of the NOTS squad, pulls out just ahead of NAF gridder in Monday's season opener.



TOURNEY WINNERS-Golfers who took top places in the 36-hole Invitational Tourney last weekend (I-r) are Max Smith and Leo Enriquez, 1st low gross; Dan Hightower and

"Chuck" Newmyer, 1st low net; Capt. Hardy who made awards; Dick Seeley and Hal Warhmuth, 2nd low net; Curt Bryan and Bill McIntosh, 2nd, low gross.

# The Rocketeer

U. S. Naval Ordnance Test Station

"J." Bibby

John R. McCabe

Jerry Williams, PH1; Robert Hancock, PH2; Dennis Smith, PH3; Jerry Willey, PHAN; DEADLINES:

.....Tuesday, 4:30 p.m.

The Rocketeer receives Armed Force 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



DIVINE SERVICES

Protestant—(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) lo-

Roman Catholic (All Faith Chapel)-6 a.m., Monday through Friday; 8:30

NOTS Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third

Sunday School-10:45-11:45 a.m. (Chopel Annexes Nos. 1 and 2.) tances as well.

ance locally: IWV Branch of around the worl

Christian Science (Chapel Annex)— Morning Service—11 a.m. Sunday School—9:30 a.m.

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

Confessions-8 to 8:25 a.m., 6 to 8:30 p.m., Saturday; Thursday before First Friday, 4 to 5:30 p.m.

# Morris Dam Observes Twentieth Anniversary

# **NOTS Pasadena**

# ESO DOINGS

The ESO sponsored Masquerade Party which will be held Friday, Oct. 29, is taking on all the color of a Mad Hatter's Tea Party (without the tea, of course).

Rumor has it that several P802 people are coming as torpedoes. Interesting, but hardly unique, as someone in P-8096 is trying to rent an 007 (James Bond) costume and personality.

The previous article mentioned that there would be dancing. This is true, but we don't want to give the idea that this party is for dancers only. There will be plenty of entertainment and fun things for non-dancers, too.

Remember that your friends from outside the NOTS family are welcome. So plan to join in on the mirth with hilarity befitting the occasion.

### **Bowling Roundup**

By Ray Hanson

Team No. 1 (10 wins, 2 losses) now leads the NOTS Wednesday night bowling league, followed closely by the Hunees, whose 9-3 record puts them in an admirable position for overtaking Team No.

Team No. 1 personnel are Mary Bologna, Barb Ring, Jan Reeves, Ron Preston, and Bill Alberts.

To give an idea of how closely the league is matched, the next five places (3rd through 7th) are occupied by 10 deadlocked teams. That's right! Five ties below second place. High scores for the third

week are as follows: team series, Team No. 11, 2931; team game, Quiet Five, 1066; men's series, Hal Byall, 661; women's series, JoAnn Roesener, 638; men's game, Kent Osborn, 242; women's game, Marty Kirk,

### PROMOTIONAL **OPPORTUNITIES**

To apply for vacancies, conlact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

Mechanical Engineer (General), GS-9 or GS-11; PD 24018; Clerk Typist Code P80871 — Responsible for the operation, maintenance, and modification of the stone, Physicist; Robert C. De-1500 psi test tank facility at NOTS Pasadena; planning and neer. performance of environmental testing, including the design and fabrication of special test fixtures.

Engineering Technician, GS-11, PD 5P80092, Code P8083; Duty Station: Long Beach. Test and evaluation of mechanical, electrical, and explosive ordnance systems at the Long Beach and San Clemente Island test ranges; planning, di- tralia. His best round was 78 recting, and reporting assigned projects.



DISCUSSING San Clemente Island with Capt. G. H. Lowe, Officer in Charge, NOTS Pasadena, Lt. C. W. Amick, Operations Officer, (I) points out Wilson Cove where he reported to NOTS in Aug. 1963.

### Lt. Amick To Command USS Patapsco

Summarizing his naval ca-

military decorations for Good

Conduct, European Occupa-

tion, China Service, American

Defense, Korean Service, Unit-

an Presidential Unit Citation.

and their four children have

resided in Covina during his

NOTS tour of duty.

Lt. Amick, his wife, Loretta,

Lt. Carl W. Amick leaves Beckley College in Beckley, NOTS today for ComThirteen West Virginia, his native state. where he will assume command of the USS Patapsco reer to date, Lt. Amick holds (AOG-1) which is being reactivated for commissioning.

He will be relieved by Lt. H. G. Walker, Assistant Operations Officer since January, ed Nations Service, and Kore-

Lt. Amick reported to NOTS in Aug. 1963 as Operations Officer on San Clemente Island, and became Operations Officer at the Annex in May, 1964. Previous to NOTS, he served two years as Engineering Officer aboard the USS Rogers (DD-876). He also served on e year on the USS Hopewell (DD-681) and two years on the USS Estes (AGC-12).

He enlisted in the Navy in March 1949 and prior to attending Officer's Candidate School in Newport, Rhode Island, he was an Aviation Electronics Technician Chief. He received his commission in June 1958. He also attended

### Hail and Farewell

**New Employees** Supply - Mary L. Fisher,

UOD - Shelley L. Houle, Clerk Typist; Robert H. Johnmange, Supv. Mechanical Engi-

UOD - Ruel Cameron, Supv. Budget Specialist Administration — Dennis Bradley, Guard.

Supply - Florence O. Williamson, Purchasing Agent.

The greatest number of 18hole rounds in a day is 14 plus 4 holes by Stanley Gard of Ausand his worst, 92.

the Morris Dam 20th Anniver- office of the Astro-Physics sary luncheon last Friday, Shop on the CalTech campus. Oct. 1. Ensuing discussions cov- Their work focused on the Civil Service in October, 1945. ments in the MK 13. It all began when there was

an urgent need for a more effective torpedo during World

tute of Technology was select- herited from CalTech, numered to provide a nucleus of sci- ous new and improved reentists and engineers for the search and development facilimprovements on the MK 13 ities including an underwater which, at that time, was the cableway and the propulsion only aircraft - launched torpe- pits have been constructed. do available for Fleet service; and for research leading to the design and development of a new weapon.

Under contract to the Office NOTS as it stands today, thereof Scientific Research and De- by playing a major part in the velopment, the "Morris Dam defense of our nation.

the conversational gambit at vall, set to work in a one-room

"Remember when . . .," was Group" headed by Dr. F. Lind-

ered many events that had development of test equiptaken place during the past ment to solve ballistic and 20 years since about 80 per- structural water - entry probcent of the original CalTech lems, and out of these studgroup made the transition to ies came significant improve-

In addition to the Variable Angle Launcher which was completed in 1948, replacing In 1942 the California Insti- the Fixed Angle Launcher in-

"Progress" has been our business and it is a tribute to those individuals who have contributed to the growth of



CHOW LINE—The horn of plenty was indeed in evidence on the luncheon tables at the Morris Dam anniversary.



AN "OPEN AIR" PRESENTATION of Federal Service Pins is made to P808 Division employees by Cdr. H. H. Schleuning, Jr., Technical Officer (center) at the Morris Dam anniversary festivities last Friday. D. J. Wilcox, Head, UOD (I), looks on as letters of commendation and pins are presented to (left from Wilcox) D. A. Kunz, Division Head,

N. E. Cornford, D. G. Hunt, R. A. Graf, C. E. Grandall, and C. E. Ballard. Cornford, Hunt, Grandall, and Ballard received both the 20year Federal Service pin and the NOTS 20year pin. Kunz and Graf had previously been awarded 20-year Federal Service pins and were presented with NOTS 20-year pins at the ceremonies.

action program ordered by President Johnson by which the nation's largest employer, the Federal Government (2.5 million workers) is directed to cut

plans, and called upon them

Achieving the goal involves

a reduction of the all-Federal

injury frequency rate from 8

million man-hours of work ex-

posure. Attainment of a 5.5

rate by 1970 would save ap-

proximately 200 lives, pre-

vent nearly 45,000 disabling

job injuries, avoid nearly 3

million man-days of lost time

or production, and save near-

indirect costs to the Govern-

Can It Be Done?

dential safety advisors state.

A 30 per cent reduction in

the frequency of Federal wor-

ker injuries in the next five

vears is a sound, attainable

goal. Already, 51 per cent of

Federal civilian workers are

employed in agencies whose

rates are below the Safety-70

target of 5.5, and 14 of the

30 major Departments repre-

sented on the Federal Safety Council have in the past

achieved rates at least 30 per

cent below their current rate.

If every agency exceeds or

equals its best past record,

Mission Safety-70 will succeed.

**Proved by Private Industry** 

ate industry also prove that

safety records can be improv-

ed. Some outstanding records

for reducing injury rates in

industry are these: Crown Zel-

lerbach Corporation, 54 per

cent reduction in six years;

Bell Telephone System, 80 per

cent reduction in 30 years;

U.S. Steel Corporation, 98 per

cent reduction in 50 years,

and Union Bag-Camp Paper

Corporation, Savannah, Ga., 65

per cent reduction in three

Safety achievements in priv-

Yes, it can be done, Presi-

Federal employee injury frequency rates by 30 per cent by the year 1970.

Friday, October 8, 1965

The reduction is to be figured using the 1963 accident rate as the base or 100 per cent; thus, a 30 per cent reduction would mean that by 1970 our accident rate would be 70 per cent of the 1963

Five Member Board

A five - member Safety-70 Advisory Board for NOTS, appointed by the Commander, consists of Public Works Officer Capt. H. H. Hartman, Code 70, as chairman; NAF Aviation Safety Officer Lt. N. B. Nash, Code 18; Safety Department Head K. S. Skaar, Code 20, secretary; Propulsion Development Department Head Dr. G. W. Leonard, Code 45; and Engineering Dept. Head K. H. Booty, Code 55.

The board will review all facets of safety pertaining to the goal for NOTS, with attention to the possible reasons for excessive numbers of accidents, and will make recommendations to the Commander for action to reduce accidents.

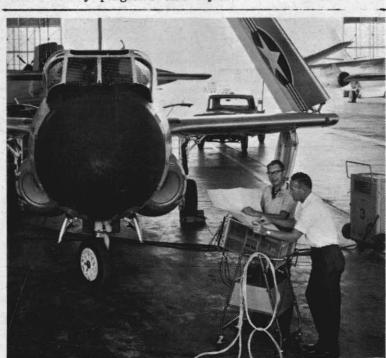
Second Front Opened In launching the program, President Johnson opened another front on the War on Waste - waste of human resources, productive skills, and money. He pointed out that the incidence of job injuries among civilian employees has shown no over-all improvement in the last ten years, and that since 1954 the total direct costs of injuries has risen nearly 50 per cent.

In the last seven years more than 1,200 Federal workers died from job injuries; nearly 300,000 sustained disabling injuries; over 18.5 million man-days of potential production were lost; costs to the Federal Government amounted to \$11/4 billion.

Proposed Action

With the inauguration of Mission Safety-70, the President ordered all Government agencies to report to him as to their safety programs and ty-70.

Federal Government should set an example, be a pacesetter, for all employees and workers - public and private, the President stated. This is the purpose of Mission Safe-



TECHNICIANS REVIEW PROSPECTS of XR-45 radar installed in nose of TF10B jet. Alfred B. Ferris (left), asst. project engineer from AOD, discusses nation's first microminiaturized airborne radar with Autonetics technician.

A representative from the Social Security Administration will be at the Community Center on Wednesday, Oct. 13, to answer questions on social security provisions, particularto reduce accidents progresly those concerning the new annuity retirement benefits. sively in the next five years.

A special one-hour group session will be held starting at 8 a.m. to explain the recent to 5.5 disabling injuries per amendment on retirement which allows employees who select to retire prior to Dec. 1, 1965 a 6.1 per cent increase in annuity benefits.

All employees contemplating retirement prior to Dec. 1 are encouraged to attend. Those who have definitely dely \$250 million in direct and cided to retire should being with them a copy of their birth certificate or other evidence of birth.

Employees should request permission from their supervisor to attend the session.

Normally at the Community Center only until 11:30 a.m., the Social Security representative will extend his hours to accomodate employes who wish to consult him on social security matters.

### System Boasts **New Antenna** And Modulator

(Continued from Page 1) terrain. In its terrain avoidance/contour mapping mode, it displayed a picture of approaching terrain obstacles in both map-like and silhouette styles for the benefit of the

Developed by North American Aviation's Autonetics Division, the XR-45's advanced features include a Cassegraintype antenna giving a high rate of data and a solid-state modulator design of about one-third the weight and onefourth the volume of that used in previous systems.

In matters of safety the In addition, the microminiaturized XR-45 tested uses plug-in modular design, easing servicing and replacement with standardized parts.

> Technician Goes Airborne Riding watch on the control and instrument panel of the airborne XR-45, opposite the ect engineer Francis "Red" Guthleben

Keeping him company were two cameras. One of them, a "phototheater" camera, shot from over his head and made a record of the instrument panel's display of dials. Another pointed out ahead of the aircraft.

Red's assistant on the XR-45 project was Alfred B. Ferris, an electronics development technician.

### Educators' Special Starts Monday

A course entitled "Tests ods of fund distribution. and Measurements" will begin Monday, Oct. 11, in Room C16

# Launch Mission Safety, Social Security Once-A-Year Appeal Board Members Named Retirement Pay Will Aid Less Fortunate



HUNGRY CHILDREN such as these are fed throughout the world by agencies of CARE which is a participant in the Combined Federal Campaign. Give aid wholeheartedly.

# Federal Campaign Kickoff

(Continued from Page 1)

All" campaign will include J. H. McGlothlin, Chairman; Capt. P. W. Jeffrey; A. B. Monson and W. E. Davis, all of NOTS. Local postmasters J. B. McKernan of Ridgecrest and Miriam Lyster of Inyokern will serve as committee members.

Others on the coordinating committee are Larry Thurm, Metal Trades Council Representative; Willie Harris, United Federation of Postal Clerks: and Frank H. Crawford, National Association of Letter Carriers, No. 4238. R. E. Brown of NOTS will serve as executive secretary for the coordinating committee. A vig-

orous campaign has been planned by this group **NOTS Co-Chairmen** 

Representing NOTS as cochairmen of the Combined Federal Campaign are Edward D. Casaroli, John M. Simpson and LCdr. F. H. Elliott. Assisted by departmental keymen, they will handle solicitation Agencies are four groups that and collection of "Once For serve in foreign countries: All" funds on the Station.

Personal calls to all NOTS charitable agencies and meth- Europe.

10 Agencies Included

the American Red Cross, Desert Area Emergency Relief, Desert Area Family Counseling Service, IWV Council for Retarded Children, Joshua Tree Council of Girl Scouts of America, Kern County Council of the Boy Scouts of America, IWV Recreation Council, Salvation Army, Children's Hospital of Los Angeles, and the United Service Organization

(USO). National Health Agencies National Health Agencies

that will receive "Once For All" funds are: American Cancer Society, American Heart Association, Crippled Children's Society, Muscular Dystrophy Association of Amer ca, National Association for Retarded Children, March of Dimes, and the National Mul-

### Four International Health Agencies

tiple Sclerosis Society.

In the International Service CARE (Cooperative for American Relief Everywhere), Projpeople will be made by de- ect HOPE (Health Opportunipartmental volunteers. "Once ty for People Everywhere) For All" kits will contain pay- which includes a hospital ship roll deduction authorization and land-based medical facilicards and an informative pam- ties, the American - Korean phlet describing participating Foundation, and Radio Free

The Joint Crusade is designed to afford the donor oppor-Agencies participating in tunity to make his contribuat Burroughs High School. Of- the Indian Wells Valley Com- tion "Once For All" to fered to all interested people bined Federal Campaign "Once help the needy, sponsor reby the UCLA extension, the For All" campaign include 10 search and promote self-help course will be held Mondays member agencies of United education wherever the need and Wednesdays from 4 to 6 Fund that offer aid and assist- is — in Indian Wells Valley or ance locally: IWV Branch of around the world.

# RAdm. Dornin, ComOpTevFor, Pays Visit to Squadron VX-5

BY BUDD GOTT

Rear ADmiral Marshall E. Dornin, Commander, Operational Test and Evaluation Force, paid his first official visit to China Lake and Air Development Squadron Five last week, since being named to his present post on June 18 of this year.

Headquartered at Norfolk, Va., the Admiral is making a tour of Squadrons and units under his command which in addition to VX-5 include VX-4 at Pt. Mugu, headed by Cdr. C. V. Merrell, VX-1 at Voca Chica, Keywest, Fla., and three detachments at New London, Conn., Norfolk, Va., and NAS Oceana, Virginia Beach, Va.

The Admiral is no stranger to the West Coast. Born in Berkeley, Calif., and a graduate of the Naval Academy Class of '30, he has served as Commander, Cruiser - Destroyer Forces Pacific, and superintendent of the Naval Postgraduate School at Monterey.

During his two-day visit here he witnessed loft bombing and over - the - shoulder bombing delivery techniques for conventional and nuclear weapons by VX-5 pilots at Charlie Range.

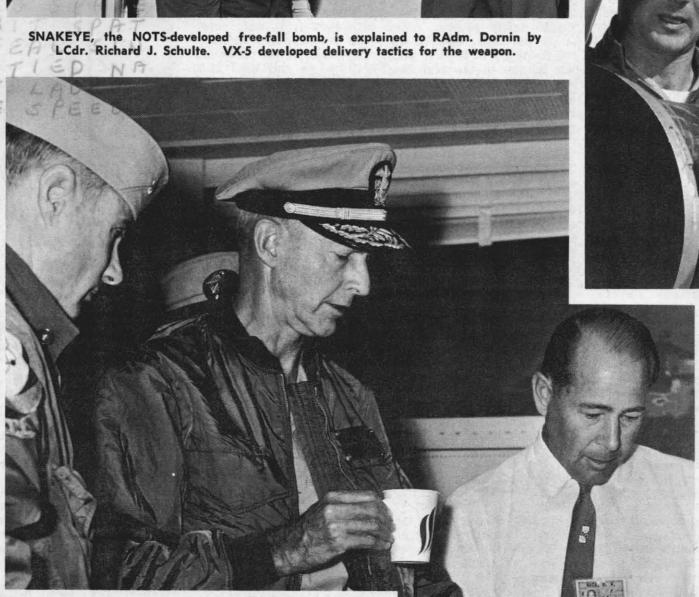
In addition, he watched squadron pilots zoom through straffing, Zuni firings, and 2.75" FFAR launching demon-

Following these events he was briefed on Charlie Range equipment operation by Duane

During his stay, in addition to briefings by squadron skipper Cdr. Don Loranger, the Admiral was briefed on projects by Cdr. George W. Myers, on special weapons by LCdr. Richard J. Schulte, on operations by LCdr. Ted L. Lloyd Jr., on maintenance by LCdr. George E. Russell, on SAM/SHRIKE missiles by Maj. James H. McGee, USMC, on medical by Lt. James E. Standefer, and on personnel by Lt. Thomas F. Taylor.

An aerial tour of NOTS Coso Target Range with Cdr. Lo-





ACTUAL FLIGHT PATH of plane at Charlie Range during bomb delivery which is recorded

on special graph paper is shown by Duane Mack to RAdm. Dornin and Cdr. Loranger. VX-5 pilots demonstrated loft bombing and over-the-

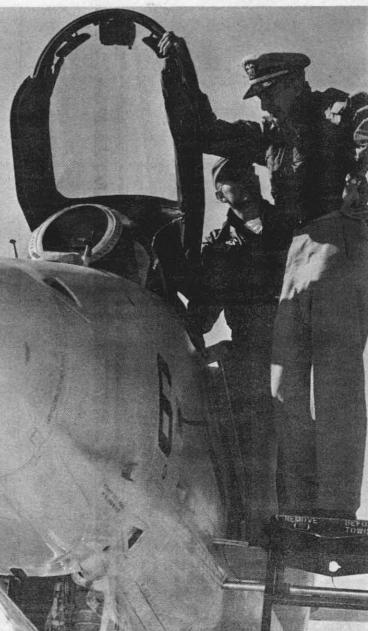
shoulder bombing delivery techniques for conventional and nuclear weapons for the Admiral during his visit here. VX-5 is assigned the task

of developing new delivery techniques for the Navy's growing arsenal of weapons. Charlie Range provides training ground for Fleet pilots.

ranger in an NAF helicopter climaxed the Admiral's visit.



ROCKET POD carrying capacity and fire power on an A4 aircraft is detailed to RAdm. Dornin by VX-5's skipper Cdr.



FIRST HAND VIEW of cockpit and instrumentation of a Douglas A4 "Skyhawk" is had by RAdm. Dornin during tour:

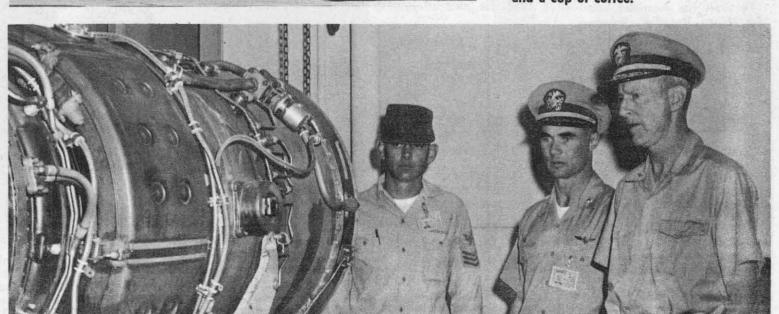


RADM. MARSHALL E. DORNIN, Commander, Operational Test and Evaluation Force, surveys activities of VX-5 during his two-day tour here.

Photos By G. W. Burgess, PH2,

J. W. Rogers, PH2

BACK FROM A HELO TOUR of Coso Loranger head for the ready room and a cup of coffee.



DURING INSPECTION of the Squadron's power plant ing on Pratt and Whitney J52-P6A power plant for a spaces RAdm. Dornin and Cdr. Loranger pause for brief. Douglas A4 "Skyhawk" by Clarence Osborn, ADJ1. stad and explained to RAdm. Dore. Highly path of plane



nin by Clyde Turbett. Instrument records flight path of plane during bomb delivery.

