





# Sailor of the Month

## SAN CLEMENTE ISLAND RANGE



Lee A. Bryant, BM2, USN, has been selected as the Sailor of the Month on San Clemente Island. He enlisted in the Navy on April 17, 1950 and has been on active duty since. During this period he has earned the following medals and ribbons: Good Conduct Medal with 3 stars, Navy Occupation (Asia), National Defense, Korean Service, United Nations, Korean Service Medal, China Service Medal and the Armed Forces Expeditionary Medal. Originally from Chicago, Ill., Bryant reported to NOTS at San Clemente Island in April 1964.



STRIKING a familiar pose, Eunice Schweitzer sits at the comparator she has operated for many years. A precision measuring instrument, the machine measures photo test film.

## Eunice Schweitzer Bids Farewell after 17 Years

Her co-workers and many friends on station bade farewell last week to retiring Eunice K. Schweitzer, a Mathematics Technician in P80533 and a member of the NOTS family for nearly 17 years.

## Scramble For First Division

By Ray Hanson  
The scramble continues for first-division places behind the league-leading Quiet Five in the NOTS Wednesday night bowling league. Going into the 27th week, the Alley Kats were in second, with a won-lost record of 61-47. The Jacks and Better had trumped their way into third, with 60-48, while the Side Winders were relegated to fourth (58-50), closely followed by the fifth-place Hunees (57-51). How it'll end, nobody knows. High scores for the week were as follows: team series, Quiet Five, 2980; team game, Hunees, 1008; men's series, Julius Banusz, 654; women's series, Jan Cardwell, 633; men's game, George Jackson, 271; women's game, Jane Gahagen, 254.

**POISON PREVENTION**  
When the time comes to discard a medicine, don't just drop it into a wastebasket, or even into the garbage can. Flush it down the toilet.

# NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

## R. Hudson Receives Appreciation Letter

The following letter of appreciation signed by Capt. G. H. Lowe and D. J. Wilcox was received by Robert H. Hudson, General Engineer, and Assistant to the Head of the Systems Branch:

"It is with great pleasure that we note a recent incident reported by the USS Belknap (DLG-26). It appears that you and Mr. Goss of Honeywell uncovered some problem areas in the wiring between the MK 143 computer and the MK 25 torpedo tube. It was gratifying to note these problems had been previously predicted. It was persistence on your part that confirmed the exact nature of the problem which, when corrected, will add to the reliability of equipment in the Fleet.

"We note that this work involved long hours and required personal ingenuity on your part. USS Belknap certainly stated the case quite clearly to many activities and commands within the Navy.

"Such performance on your part is in keeping with the best traditions of NOTS and adds greatly to the good reputation of the Station. May we jointly congratulate you on a job well done. Keep up the good work!"



RECEIVING 20-YEAR lapel pin from Capt. G. H. Lowe, Virginia Banister holds both the 20-year total federal service pin and the newly designed pin for 20 years service at NOTS.

## Another NOTS Pioneer Came West Back in '44

Included in the select group of NOTS pioneers to be eligible for the NOTS 20-year pin is Virginia E. Banister of the Purchase Division, Pasadena Supply Office, who arrived on the scene at China Lake back in '44. At that time, Virginia was one of the girls in blue, a member of the WAVES.

Upon discharge from military service, Virginia began her civilian career in the Supply Department at China Lake in May 1946 and transferred to Pasadena in February 1951.

Maintaining top performance in her field of purchasing, Virginia has been the recipient of a Superior Accomplishment Award, Outstanding Rating, and was also included in a Group Award.

Virginia hails from Bridgeport, Conn. She, her husband, Arthur, and eight-year-old son, Steven, reside in Covina.



CONCERNED with receipt and interim storage and issuance of incoming materials and supplies, Bill Bilbrey is now working toward his second 20-year milestone of service.

## Bill Bilbrey Starts On Second Twenty Years

Making a career of federal service has worked out quite satisfactorily for Bethel D. (Bill) Bilbrey, having just received his 20-year pin, and making a running start on the next milestone.

Although his eight hour work day may interfere a bit with his first love of fishing, hunting, rock hunting and gardening (Bill has a real green thumb), he has several letters of commendation and a Group Sustained Superior Performance Award to his credit for fine performance on the job as stockman and receiving clerk in P25832. His federal service includes 17 years at NOTS and 3 years in the U.S. Army from 1942-1945. A native of Allgood, Tenn., Bill, his wife Ruth, and their three children — Bonnie 17, Bradford 13, and Brian 4, reside in Azusa.

## ESO Doings

By Wes Fisher

The Coffee Port will be closed for renovations from April 12 to 23. A colorful food pavilion will be erected at the rear of the telephone office (Bldg. 13).

Tables and umbrellas will be set up for an alfresco dining area. The regular menu will be curtailed since only a limited kitchen can be accommodated. Our Coffee Port staff is planning to serve coffee, breakfast rolls, doughnuts, hamburgers, hot dogs, cold sandwiches, soups, soft drinks, pies and ice cream.

Full employee participation is invited to make this temporary venture a success.

Members of the newly formed tennis club will meet at the Riviera Tennis Club in Pacific Palisades, April 7 at 7 p.m. Sign the guest card with your name and Wes Fisher as host. Let's be on top for our tournament with the University Club.



INSTITUTE TEAM GREETED — Employee-Management Head Austin Ross welcomes Paul Hutchings, of IAM, who headed a five-man team which conducted a two-day institute here last weekend for Metal Trades Council. They are flanked by Basil Young, SWIA Local 551 pres.; Larry Thurm, Metal Trades Council pres.; and Joe Lechner, IAM Local 442 pres. Back row (l-r) are Malcom Davis, IBEW Local 729 pres.; John Brumm, IAM educational director; Otto Pragan, AFL-CIO educational director; Dale Reed, IAM educational coordinator; and M. Manny Coute', IBEW national representative.

## AOA Div. To Meet Here

(Continued from Page 1)  
Douglas Aircraft Co., Santa Monica; Robert Cuthill, Martin Co., Orlando, Fla.; Weber de Fahy, Perkin-Elmer Corp., Norwalk, Conn.; Dr. Henry M. Shuey, Rohm & Haas Co., Redstone Arsenal, Huntsville, Ala.; Giles J. Strickroth, Martin Co., Denver; J. Vehko, Chrysler Corp. Space Division, New Orleans; Donald W. Wimpers, Garrett Corp., Los Angeles; and W. E. Woolwine, Norair-Northrop, Hawthorne, Calif.

Thursday evening a reception will be held for the visitors in the Mojave Room of the Commissioned Officers' Mess, beginning at 6:30 p.m., and dinner at 7:30 will be served in the Sierra Room.

Dr. William B. McLean, Station Technical Director, will address the group on "Our Changing Mission."

The meeting will then be addressed by Dr. Thomas P. Cheatham Jr., Deputy Director Defense Research and Engineering, on "The Position of Missiles in Tactical Warfare."

Other speakers for the morning session will be Lieutenant General Joseph R. Holzapple, USAF, Director, Weapons Systems Evaluation Group; Rear Admiral Edward A. Ruckner, USN, Deputy Chief of Naval Material for development and Chief of Naval Development; and Major General John G. Zierdt, USA, Commanding General, U.S. Army Missile Command.

- Six Section Meetings  
Afternoon sessions will be devoted to six Section Meetings:
1. Systems Section (Conference Room A), R. W. Cuthill, chairman.
  2. Structures Section (Conference Room B), W. E. Woolwine, chairman.
  3. Ground Support Equipment Section (Conference Room C), F. J. Vehko, chairman.
  4. Test Range Instrumentation



RESERVISTS BRIEFED — Host Cdr. E. H. Fox, SC, USNR, at left, gives Sidewinder briefing to four visiting reservists (l-r) Col. D. F. Sullivan, Point Mugu's Naval Missile Center's technical director; Cdr. Harry Poll, Capt. Daniel Pease, and LCdr. Charles Can-

## Computers Are Not 'Electronic Brains,' Says Pennie Lea Staggs



WEP STUDENT Pennie Lea Staggs works with an IBM 7094 computer under the instruction of her sponsor, Jerome Zaharias. In the background are some tape-drive machines of the Data Computation branch, Test Department.

By DONNA RINEHART  
(WEP Student assigned to The Rocketeer)

"I'm finally getting an insight into what computers really are. Most people think that they are 'electronic brains,' but actually this is a total misconception," explained Pennie Lea Staggs, 17, a senior Work Experience student assigned to the Test Department in Michelson Lab.

Pennie has been learning the means of logical thinking while under the sponsorship of Jerome Zaharias of the Data Computation Branch at NOTS.

Presently Miss Staggs is transforming three dimensional figures of revolution into two dimensions and plotting them on S-C4020 Cathode Tube Printer, a Peripheral output device for IBM 7094. Other activities include programing FORTRAN on IBM 1620 computers and analytical derivation of transforms for three dimensional figures.

Starting in September Pennie will attend the University of California at San Diego where she plans to major in mathematics. Her minor will be either chemistry or physics. After college graduation Pennie hopes to become an applied mathematician working with computers.

Pennie Lea is the daughter of Mr. and Mrs. C. E. Yates of 211 Cisco, China Lake.

## Safety Training For Supervisors Scheduled

A Safety Training Course for supervisors on station will be conducted by the Safety Department from April 19 through 23. Classes will be in session for two hours, 9:30 to 11:30 a.m., each day.

The course will include lectures and discussion and will concentrate on fundamentals of safety applicable to all fields.

To enroll, submit on copy of NOTS Enrollment Form 11ND, NOTS 12410, 28 to Code 654 by April 12.

## RC First Aid Course Offered at College

Registration is now being held for Bakersfield College's standard Red Cross first aid course, Omar H. Scheidt, Dean of the Desert Division, announced this week.

The nine-week course will begin on April 5 and continue on Mondays of every week from 8 to 10 p.m.

Students may register in the course through April 5. Scheidt added that the class is required for graduation from college and high school.

If you feel you have no faults that makes another one.

# How VX-5 Ordnancemen Help Get Weapons To the Fleet

## 'Vampire' Team Checks 'Em Out Flies 'Em In!

By ENS. MARVIN CLARK

One of the key words in the name of this Station is "ordnance."

And one of the key groups helping to get that ordnance to the fleet is Air Development Squadron Five, self-nicknamed "Vampires."

VX-5, under the command of CDR. Jack M. Manherz, runs its Ordnance branch as part of the Maintenance Department. LCDR. George E. "Ernie" Russell is in charge of the branch, assisted by LTJG Vince O'Brien and two chiefs, John Cooper, AOC, and Bill Clark, AQC.

Of obvious necessity, Ordnance works closely with the Projects Dept. under CDR. George Myer. The Projects people develop or modify a particular weapon and evaluate it. Furnishing them the data to accomplish the project is the direct responsibility of the Ordnance branch.

### Three Prime Questions

When a weapon is devised here — such as SHRIKE, SNAKEYE, etc. — three big questions must be answered primarily: (1) is the weapon feasible? (2) how much will it cost? and (3), Can it be mass produced? With these questions answered favorably, the weapon is then delivered to NATC, Patuxent River, Md., to find out if it can be launched from aircraft. If so, the item then becomes a test project for VX-5 here.

Ordnance gets to work suiting the weapon to aircraft here, and VX-5 pilots check out various delivery methods. When a certain tactic becomes standard in the fleet, the ordnance must be made to conform with methods of delivery. Fusing, arming, and hanging the weapon on aircraft become paramount problems for the Ordnance branch.

Ord men know that weapons are vulnerable to external influences, too, such as storage, handling and care when the weapon is not in use for some time.

When a loading procedure is devised, it is edited and sent to the fleet. That procedure is then used throughout the Navy.

Ord men are constantly striving to improve on the reliability of a weapon system. After a delivery technique and a weapon are compatible, the next problem becomes one of predicting a "kill probability" of the weapon, and increasing the probability by devising improved release mechanisms.

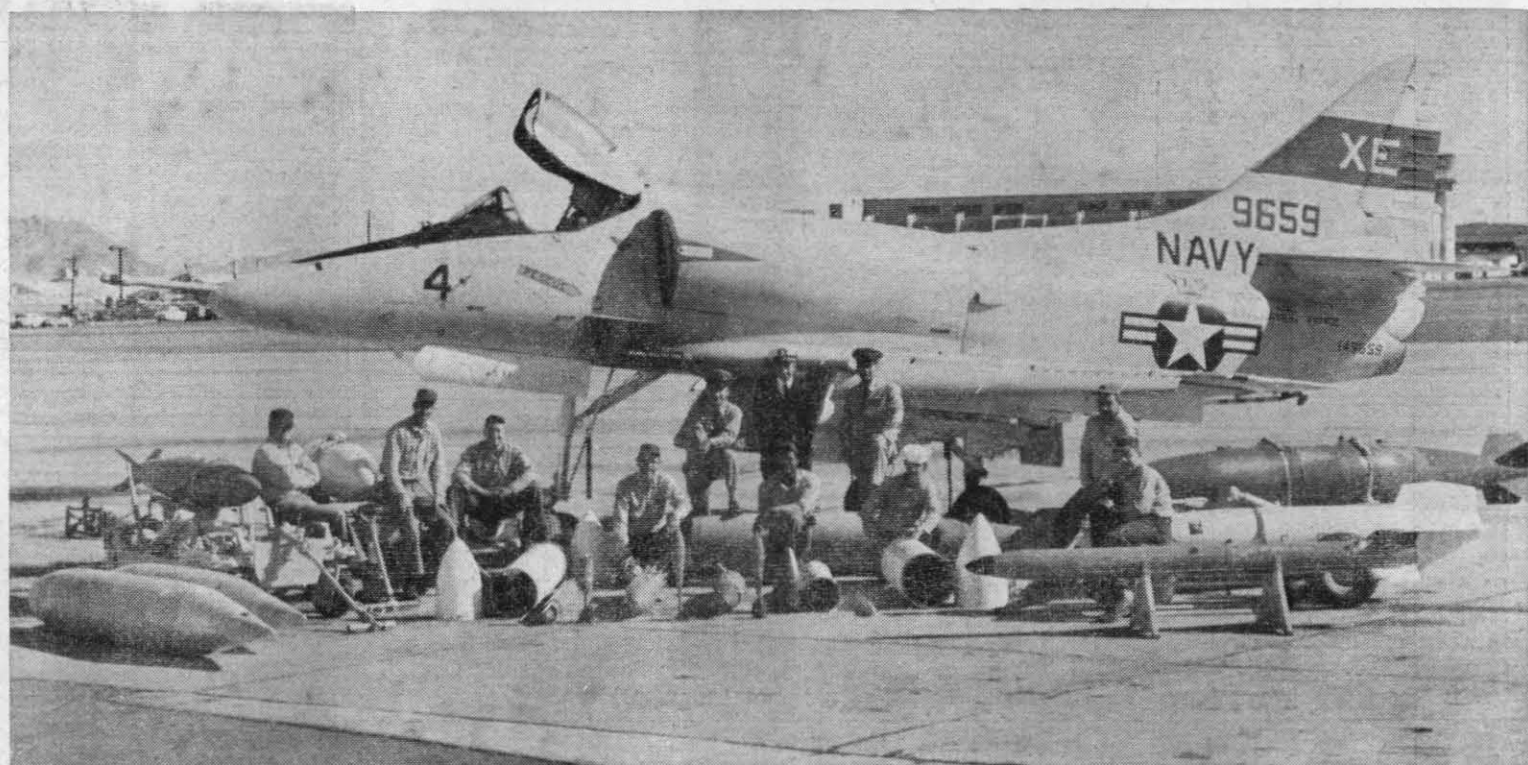
### Deploy Aboard Carrier

The mission of VX-5 is not all land-locked activity. From time to time, VX-5 men are deployed aboard a carrier to test their newest developments for actual combat readiness. Although the "Vampires" never operate in a combat zone, they devise test conditions simulating combat.

Ordnance then compiles the results and brings back to China Lake data for improvement in the entire weapon system.

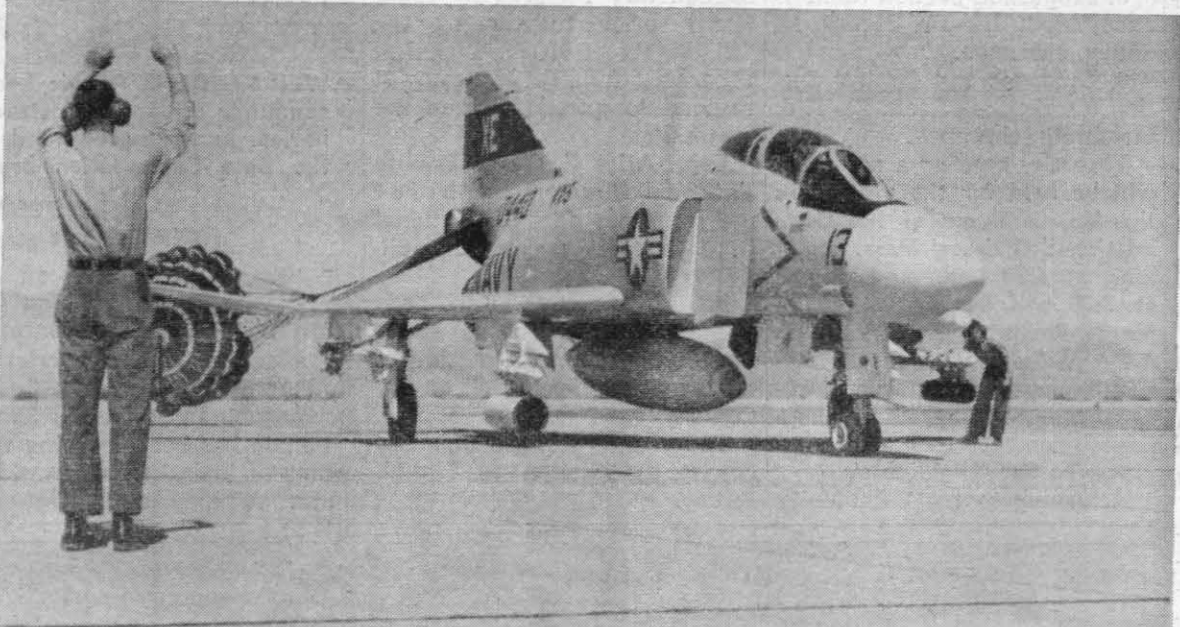
Through COMOPTEVFOR, Norfolk, Va., Air Development Squadron Five's Ordnance Dept. is authorized by Chief of Naval Operations.

Most projects evaluated by the local squadron originate from CNO and involve both conventional and nuclear weapons employment.



VARIOUS TYPES of weapons used by VX-5 in its experimental work are displayed by members of the Ordnance crew. Front, left to right: Carrel Simpson, AO1; Reginald C. East, AO1; Clenton Forrister, AO3; David G. Murphy, AO2;

Ellis Sidney, AO3; Freeman R. Acord, AO2; Scott A. Burns, AO2, and Gale M. Birge, AO3. Rear: Donald L. Clark, AQC; LTJG Charles V. O'Brien, and John R. Cooper, AOC. —Photos by G. W. Burgess, PH2



F4B PILOT LT. Loyd C. Showman Jr. is guided toward parking space by David G. Murphy, AO2, and Freeman R. Acord, AO2, after com-

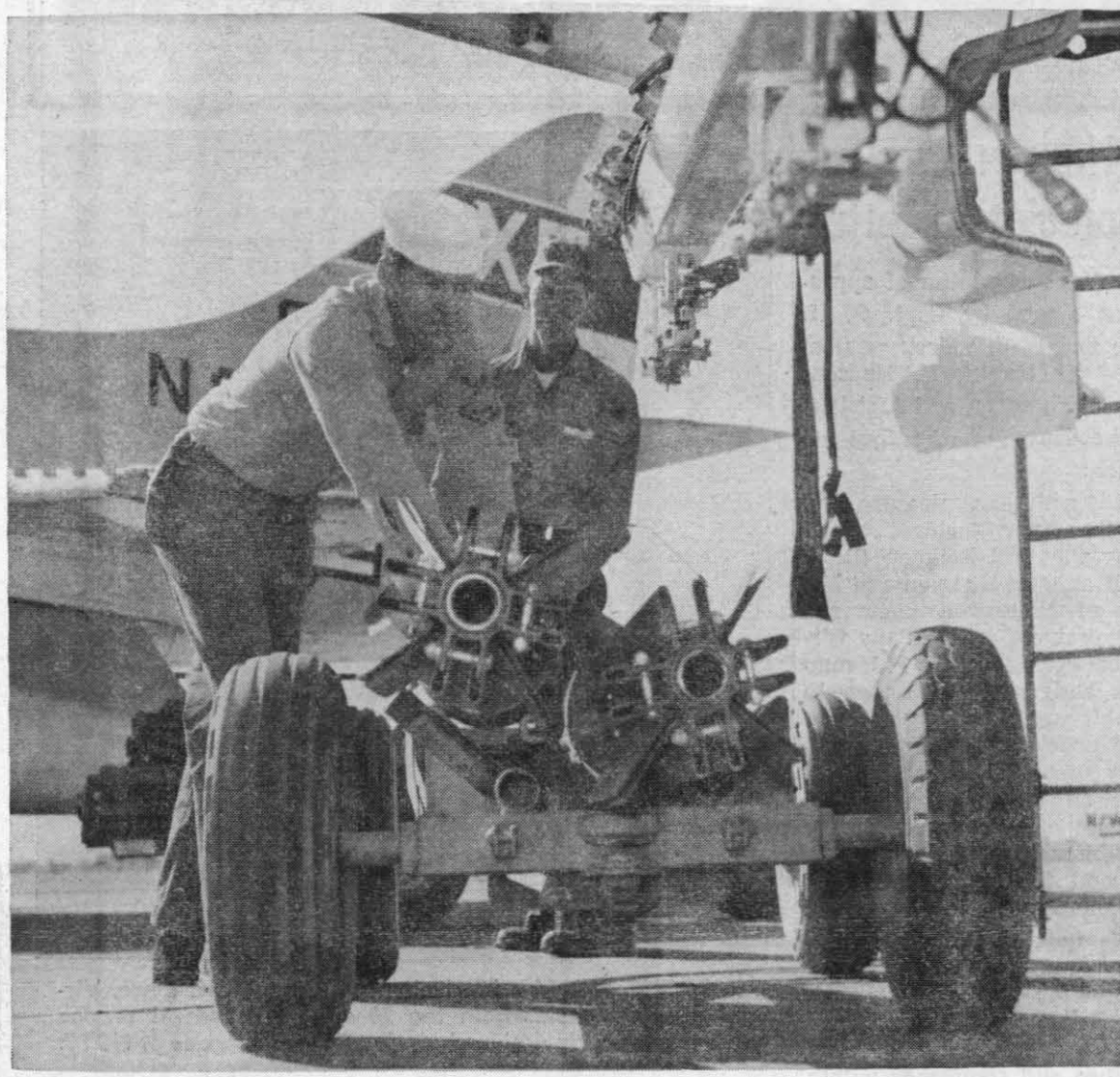
pleting rocket runs over the NOTS ranges. Note brake parachute trailing behind the aircraft.



CLASSROOM instruction is part of daily routine. Here, LTJG Charles V. O'Brien explains device to (l-r) John R. Cooper, AOC, shop CPO; Freeman R. Acord, AO2; Donald L. Clark, AQC, and Reginald C. East, AO1.



SETTING FUSES for Snake-eye bombs are David G. Murphy, AO2, and Richard T. LePage, AO3, magazine crewmen.



TWO SNAKEYE bombs are carted into position under rack by Freeman R. Acord, AO2, and Joseph W. Knopp, AO2.



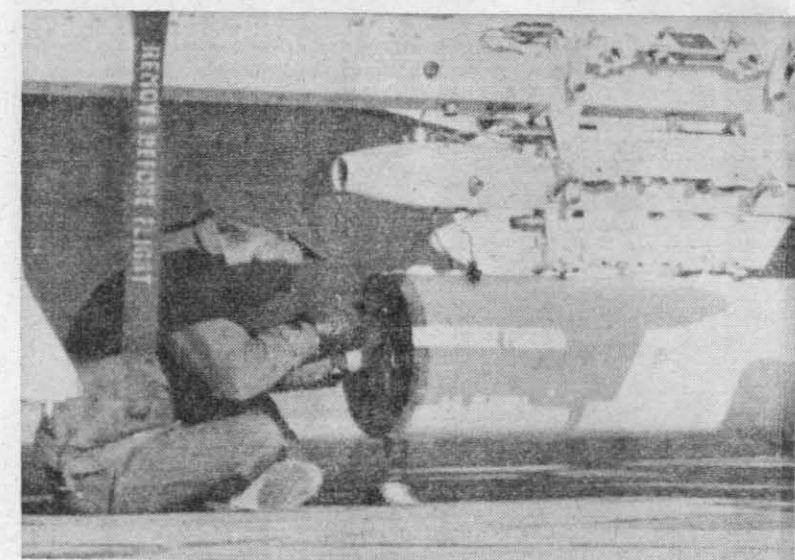
CHECKING OUT part of weapon system in the shop is Donald L. Clark, AQC, Ordnance Branch chief petty officer.



INSPECTING rocket load prior to flight are LCDR Richard J. Schulte, project pilot, and Paul A. Hooper, ADJ3.



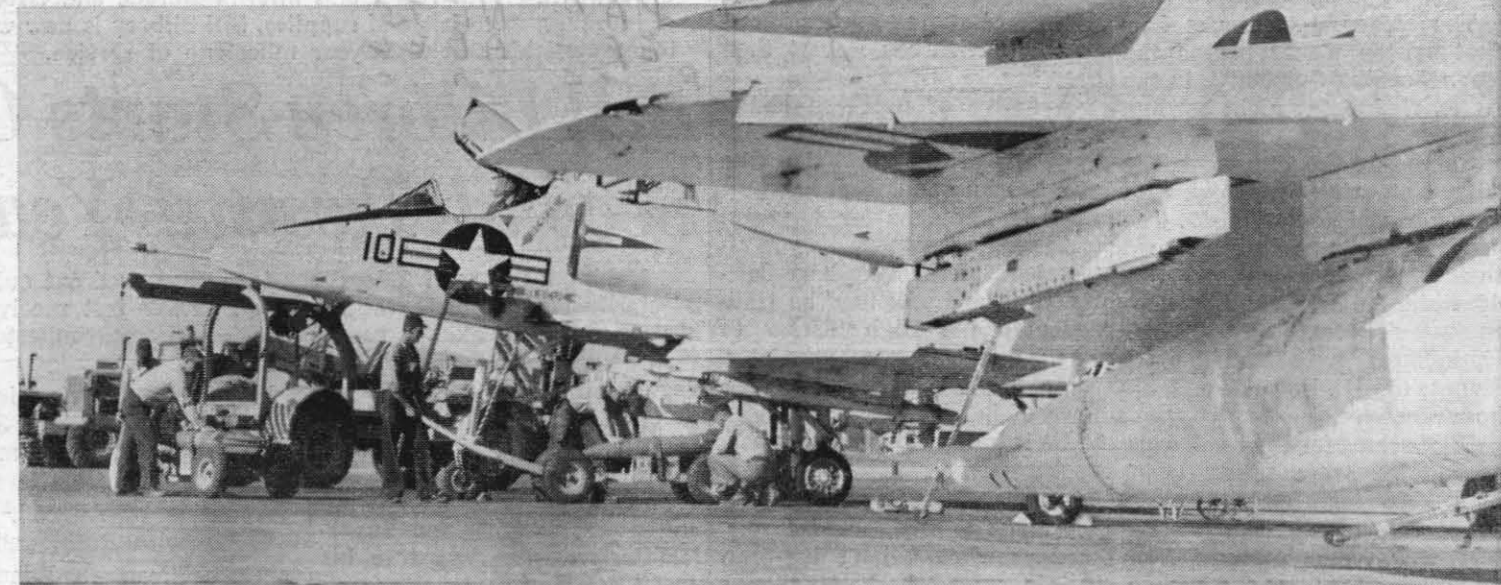
SHRIKE missile is handled by Scott A. Burns, AO2; Freeman R. Acord, AO2, and Reginald C. East, AO1 (left to right).



ROCKET POD of an F4B is readied for Zuni rockets by David G. Murphy, AO2, assistant magazine petty officer.



ASSEMBLING a Shrike missile in the shop are William J. Brandon, AO2, assistant line petty officer, and Reginald C. East, AO1, maintenance and special projects petty officer.



ON THE LOAD-LINE, carts of MK 81 SNAKEYES are prepared for installation in bomb racks.