

Because of the breakthrough into outer space by the Army's Explorer satellite, ye Staff decided to dispense with the Puzzle Contest for this issue only & give you the lowdown on it.

See Page 3 for last issue's contest winners.

IN THE GROOVE

In its first attempt to hurl a globe-girdling scientific satellite into outer space, the Army launched the earth's highest flying moon from the AF Missile Test Center at Cape Canaveral, Fla.

Fired at an angle of 35° to the equator, the 4-stage Jupiter C rocket was a modified Army Redstone liquid-propellant ballistic missile--length: 68 ft, weight: about 32 tons before takeoff. Scientists believe the Explorer may remain aloft indefinitely if it maintains its present path.

The first stage of the Redstone, with a thrust of 83,000 pounds, pushed the satellite to 6800 mph

and an altitude of 53 miles, where it was blown away by means of explosive bolts.

The second stage, a cluster of 11 solid-propellant rockets designed to fire simultaneously, was rotated at 5 to 570 rpms by electric motors mounted in the nose of the main stage to minimize the unbalancing effect of failure. This stage was fired by a radio signal from the test station after it reached a 212-mile altitude by its momentum.

The third stage fired automatically as the second burned out. The Explorer, weighing 30.8 pounds and carrying a payload of 11

(Cont'd on Page 3)

General News:

IMPORTANT TO ALL PERSONNEL!! Because Hurricane NINA cancelled one December drill, it has been re-scheduled as follows:

Date: Monday, 10 March 1958

Time: 1800-2200 (Roll Call 1800 outside Diamond Head side of Theater)

Place: Fort Ruger Theater

Subject: Passive Defense

Appropriate duty is not authorized for this drill.

The 199th did it again!! For the third time, the Squadron took the HANG Hi-Attendance Trophy for drill attendance, October-December, 1957. Percentage ratings were: 199th--96%; 109th ACWRON--94%; 169th ACWRON 92%.

The "pass the hat" drive at last Sunday's drill netted the USS Arizona Memorial Fund \$68.20. Mahalo!

The Hawaii National Guard has entered a baseball team in the 1958 Honolulu Winter Baseball League. The League, played in 4 rounds, began 12 Jan 1958 and will continue through 30 Mar 1958. Games are played at Moiliili Field; the first game starts at 0945 and the second at 1200 hours. Although not scheduled, four games with "Naval Base" will be played at Ward Field on alternate Tuesday & Thursday nights--these four games will be announced in AGO-HAW Weekly Bulletin. The remaining schedule is: 16 Feb, Nat'l Gd vs. Royal Beer; 23 Feb, Nat'l Gd vs. Kaneda's Food; 2 Mar, Jong's Express vs. Nat'l Gd; 9 Mar, Royal Beer vs. Nat'l Gd; 16 Mar, Kaneda's Food vs. Nat'l Gd; 23 Mar, Nat'l Gd vs. Jong's Express; 30 Mar, Nat'l Gd vs. Royal Beer.

Capt Allen Pearson, 199th Weather Flight Commander, was presented a \$200 Merit Award by the U.S. Weather Bureau for "initiative and alertness in improvement of the forecast program" at Honolulu International Airport. Congratulations, Al!!

A pat-on-the-back to the following on their promotions: S/Sgt Abel S. August Jr, Joseph M. Domingo, Edward N. Uyeda; A/1c Gerald T. Iscri, Richard W. Miles; A/2c Donald T.S. Kim, Paul K. Kiyabu, Richard S. Oda, Charles I. Shima.

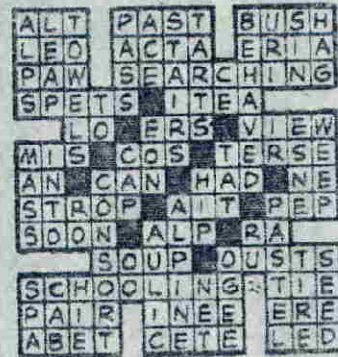
ARMY SATELLITE (Cont'd from Pg 1)

pounds of scientific instruments, was pushed up to 18,000 mph and into orbit by the fourth stage, a bullet-shaped cylinder 80 inches long and six inches in diameter.

The satellite and final stage rocket are designed to remain together and circle the earth as one unit to relay data gathered by delicate instruments to ground stations by means of two radio transmitters powered by 1.5-pound chemical batteries. (AFPS)

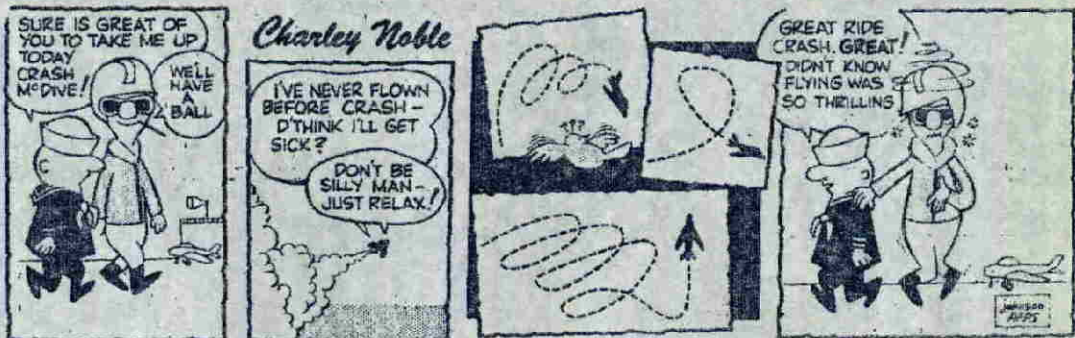
Today's Pet Joke

The dean of women at a large mid-western university recently began a speech to the student body with these memorable words: "The president & I have decided to stop petting on campus."

THE WINNERS

Well, well, looks as if we got ourselves some winners for our Puzzle Contest. The deluge of entries resulted in the following: A/1c T. Watabayashi of the Medics and A/2c F. Sanjume of Personnel won.

Congratulations, fellows! You can pick up your prize anytime today. Check with PIO.



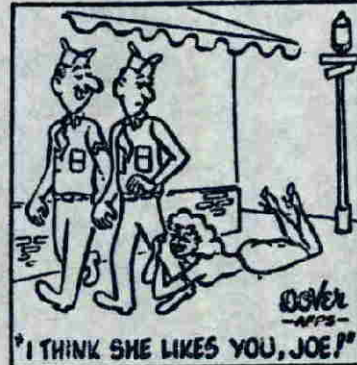
EASTER SEALS

March 6 to April 6 of this year should have some special significance to all of us. It's time to start thinking of those Easter Seals.

Funds derived from the Easter Seal Campaign are used to supply care and treatment to crippled children and adults. This is a mighty big job and takes money to provide this care. Research, rehabilitation, equipment, treatment centers are many of the expensive items needed in order to bring joy and happiness to these countless thousands of adults and children--that day when they are able to throw away their crutches and walk again. Easter Seals make all this possible. Be generous!



....It's Kim Novak,
modeling the latest in
string neckties.



Kukailimoku Staff
2d Lt Randall K. White
David Reed

Your March Drills.....

Date	Menu
2 Mar 58	Beef Fricassee
16 Mar 58	Fried Chicken