

# Propulsion Device Passes First Test

An underwater propulsion device using an exotic sodium-potassium mixture as fuel was tested for the first time here this week.

"It was a success," smiled Dr. Nicholas Gothard of Texas A&M's Electrical Engineering Department. "It didn't blow up."

A five-second trial run of the device was conducted at the Texas A&M Research Annex Tuesday by Dr. Gothard, Aerospace Engineering Prof. Stanley H. Lowy and several students.

The prototype engine, similar in many respects to a rocket, was placed underwater in a large tank for the initial test.

Gothard said the underwater propulsion device may have significant application in small one or two-place submersible craft.

Both sodium and potassium are usually solids and react violently with water. When mixed, the two elements form a liquid which can be stored in a tank and pumped into the reaction chamber.

Underwater propulsion in the device is achieved by a jet of water driven by the reaction with the sodium-potassium.

The static test was conducted under auspices of the Energy and Propulsion Research Group at A&M.

The group also is investigating the possibility of using the mixture as a fuel for electrically-driven spacecraft engines.

# MSC To Host Utility Course

A public utility short course for electrical metermen opens Monday for an estimated 150 participants at the Memorial Student Center.

John Denison, director of the Electric Power Institute within the Electrical Engineering Department, said basic and advanced courses will be taught.

Meter superintendents, installers and testers are expected to comprise most of the enrollment for instruction in metering, mathematics, trigonometry, vectors, magnetism and other facets of electricity.



**VIETNAM PROTEST WEST BERLIN STYLE**  
Demonstrators carrying large portraits of Ernesto "Che" Guevara, the guerrilla leader reported slain in Bolivia, move down the Kurfuerstendamm during anti-Vietnam war protest in West Berlin. An estimated 9,000 took part in protest. (AP Wirephoto)

# Sweet Tooth Guardian Tag Fits Duncan Head Baker

Guardian of the Texas Aggies' sweet tooth is Vaughn Wilson, head baker of 17 years experience in A&M dining halls.

Palate-pleasing donuts, cream puffs, cakes, fruit pies, sweet rolls, Boston cream pie and baked Alaska are whipped up in the Duncan Dining Hall bake shop he directs.

"Wilson is our 'Johnny-on-the-spot,'" Fred W. Dollar, A&M food service director, said. "The shop runs seven days a week virtually the year through. He starts it up in the middle of the night, runs a ranch and has never been tardy. I don't know when he sleeps."

Wilson started as a third baker at Sbis Hall in 1938. He moved to Duncan in 1940 and entered military service for 4½ years in 1941. The Edge rancher worked in Army finance, served at Attu Island, Alaska, and came out a technical sergeant.

He returned to A&M, baked two years and turned entirely to farming for eight years. Then he began to miss flour on his fingers.

Wilson became first baker in 1955 and head baker in 1961. Though the shop has a high personal turnover rate, goodies dished up are eagerly consumed. Corps unit tables contest for chocolate eclairs. A graduate's wife wrote asking for the shop's applesauce muffin recipe.

Wilson is one A&M dining hall chief who rarely has leftovers, though there is extra "cush" (as Aggies call dessert) at times. "We've got to beat Texas this year," declared Henry Willnitz, Duncan supervisor and Wilson's superior. "Freshmen get to eat pineapple in the event of a win in that game."

# Assistant To Rudder Named

Richard T. Bernard of Houston has been named assistant to Texas A&M University President Earl Rudder.

Bernard, 1957 business administration graduate of Texas A&M, has been associated with Tennessee Gas Pipeline Co. in personnel and sales capacities for eight years.

He succeeds Edwin H. Cooper, who was recently appointed director of civilian student activities.

While studying at A&M, Ber-

nard won honors as both a Distinguished Student and Distinguished Military Student in the Corps of Cadets. He also was a yell leader and member of the university's student senate.

Following graduation, he worked for the Burroughs Corporation a year before entering the Army as a second lieutenant. He is currently a major in the National Guard.

Bernard, who formerly resided in Pharr, is 32 years old, married and has two children.

# All Freshmen

Make-up Pictures for 1968 Aggieldand  
October 23 - 27

at University Studio  
North Gate

# ATTENTION !!

# ALL CLUBS .....

Athletic, Hometown, Professional and Campus Organizations.

Pictures for the club sections of the Aggieldand are now being scheduled at the Student Publications Office, Y.M.C.A. Building.

# Jones To Head CS Chest Drive

Dr. Luther Jones has been named director of the solicitation campaign among retired persons in the current College Station United Chest fund-raising drive, announced Campaign Director Joe Sawyer.

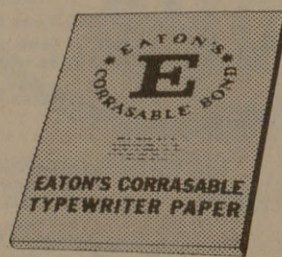
Dr. Jones, who resides at 900 S. Hereford, retired in 1952 as professor of agronomy at Texas A&M.

The United Chest campaign, which has a goal of \$22,500, continues through Oct. 31.

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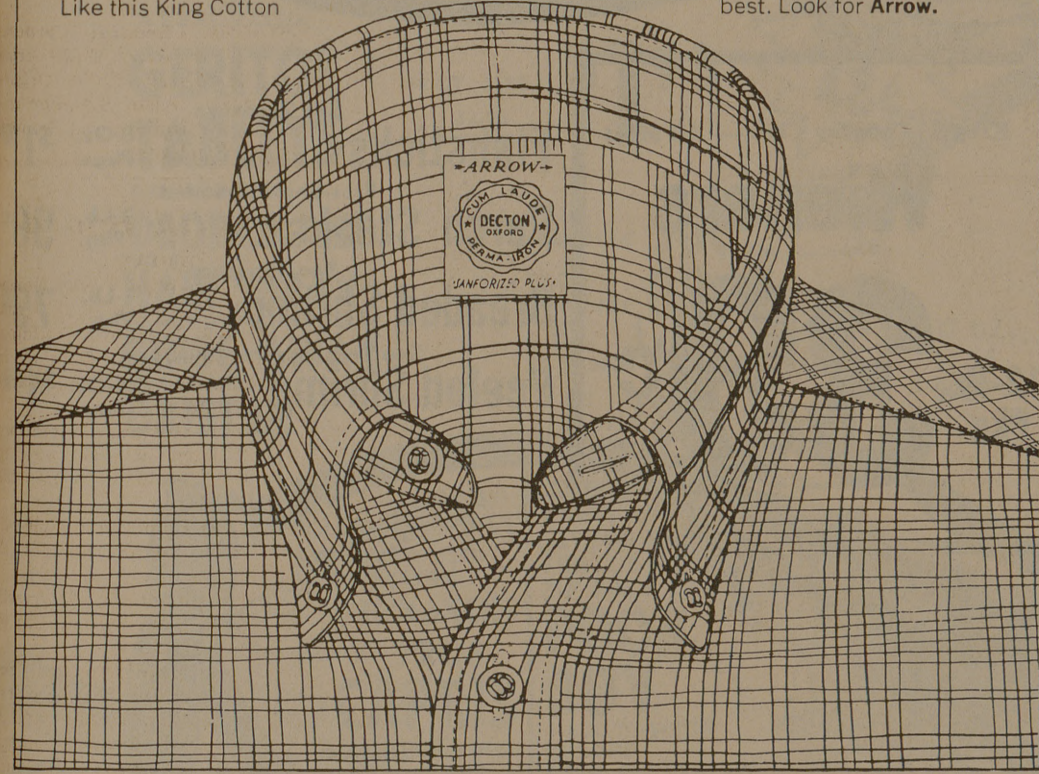
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# Q:

What's a wild, new snack that takes 30 seconds to make, needs no refrigeration, comes complete with nothing to wash, and can be stored in a dormitory for 63 years?



Shake-A-Pudd'n'. It's something else. Just put water and powder in the cup, snap the lid, shake for 30 seconds, let it set and you've got pudding. In Chocolate, Vanilla, Butterscotch or Banana. Each Shake-A-Pudd'n' package comes complete with four puddings, spoons, lids, and throwaway shakers. Everything is disposable. But the best thing about Shake-A-Pudd'n' is that you can hide it away in your room until just the right moment - say 12 midnight, right before a big chemistry final. You might even call it food for thought.

# A: