

. . . Engineer's Week? Do you mean you came bustin' in here at 2 o'clock in th' morning to tell me this is En-

Wrong Side Given On LSD's Story

An attitude of sensationalism by the press toward LSD, lysergic diethylemide acid, has resulted in strongly biased public opinion against a chemical which may be one of man's most beneficial discoveries.

LSD was discovered in 1935 by a scientist in Sandoz Laboratories, Inc. of Switzerland who accidentally breathed the fumes of the new chemical he was testing.

I saw my body lying dead on a couch," he relates, "and I saw my soul walking around the room.

LSD is the most powerful of the halucinogenic or psychedelic, "mind-manifesting," drugs which include marijuana and paote cactus seeds.

LSD, unlike alcohol, is self-limiting. After three days of use, LSD has no effect, and a person must wait a week or more to be affected again.

It is ironical that although alcoholism is one of the worst diseases of man and no permanent harm has been traced to LSD, society allows the widespread use of alcohol and condemns and rejects LSD, which has been helpful in

treating alcoholics.

LSD has been used to give terminal cancer patients some relief, "The pain was still with me, but I could stand outside myself, away from it, and I could accept the coming

of death," one patient said.

LSD may be a tool to unlock the mind of man, but inappropriate attention paid the offbeats and amateurs who use it may build up such a barrier for the serious professionals experimenting with LSD that knowledge which might be of great value may be a long time coming.

January Rainfall Below Normal

and College Station averaged .57 measurement. Station 50 in the inch, according to Water Re-Texas A&M University.

The below-normal rainfall measurements were taken by 29 reporting stations in the research project to determined runoff from a built-up area. Dr. Robert A. Clark directs the research. Station 45 near Finfeather

Opinions expressed in The Battalion

ure those of the student writers only. The

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The Battalion, a student newspaper at Texas A&M is published in College Station, Texas daily except Saturday, Sunday, and Monday, and holiday periods, September through May, and once a week during summer school.

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January precipitation in Bryan Lake gauged .42 inch for the low

Stations are located in the Burton Creek watershed, which takes in most of Bryan and part of College Station.

The January average was .13 inch more than that averaged by 27 stations in the East Yegua base north of Dime Box.

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THE BATTALION

Researchers Crash Signs With Electronic Computer

Imagine a car crashing into a such as what is the deceleration feeting the solid background aphighway signpost inside an electronic computer.

Texas Transportation Institute researchers have developed a mathematical simulation which will allow such tests to be conducted on Texas A&M's brainy IBM 7094 computer.

The technique can be used to predict reduction of speed of automobiles which collide with breakaway posts.

Primarily, the computerized crash tests will help reduce the number of costly and time-consuming field tests of motor vehicles.

Dr. Tom Edwards, supervisor of breakaway sign support research for TTI, developed the mathematical simulation from data gleaned in 50 crash tests conducted during the past 14 months at A&M's Research An-

THE COMPUTER simulation is part of a \$367,600 TTI research project for 13 states and the District of Columbia to improve highway safety. Drs. Neilon J. Rowan and Robert M. Olson are project directors.

Breakaway signs developed by TTI are being used by the Texas Highway Department and departments of several other states. Recent reports indicate no injuries have resulted from 45 motor vehicle collisions with breakaway signs on Texas interstate high-

The THD requires breakaway signs on new freeways and has authorized modification of highway signposts on 1,100 miles of interstate highways, Olson point-

In the computer simulation process, Dr. Edwards is conducting parameter studies to develop basic design information.

INPUT INFORMATION for the simulated tests involves a variety of vehicle weights and speed, weight and sizes of signposts, size of the breakaway base and components.

Based on this and other information, designers can ask the machine a multitude of questions,

New ROTC Plan **Set For Students**

Students who missed the first two years of the ROTC program may qualify for a new U. S. Army Commission through a twoyear program.

The undergraduate who enrolled as a civilian student and graduate students less than 28 years of age are eligible, announced Col. D. L. Baker, A&M commandant.

Interested students should contact Maj. Donald F. Fenton, Room 208, Trigon (846-5720), for information on scholastic requirements, aptitude tests, physical exam, officers board interview and summer camp requirements.

"The student is deferred as soon as he passes required tests," Major Fenton noted.

Texas A&M University
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TOURS

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News contributions may be made by telephoning 846-6618 or 846-4910 or at the editorial office, Room 4, YMCA Building. For advertising or delivery call 846-6415.

Mail subscriptions are \$3.50 per semester; \$6 per school year; \$6.50 per full year. All subscriptions subject to 2% sales tax. Advertising rate furnished on request. Address: The Battalion, Room 4, YMCA Building, College Station, Texas 77843.

of a vehicle weighing 4,200 pounds when it crashes into a specific post at 55 miles per

Design engineers can modify the program to study developmental posts to determine their safety feasibility. All states do not use the same type of highway signs for various reasons, but can check their designs quickly and economically in mathematically simulated tests.

EDWARDS' METHOD offers guidelines to engineers rather than dictating designs of sign-

Another study involves the effects of wind loads on sign surfaces. Hayes E. Ross Jr. is TTI's supervisor for the research. He is studying the use of lighter materials in construction of signs. The lighter materials must, however, be strong enough to withstand high wind velocities.

Ross also is testing louvered signs for wind resistance. A maior problem in the work is selecting louver angles which will allow wind to go through without afpearance of the sign.

Solid and louvered signs are tested in the subsonic wind tunnel at A&M. Solid background signs also are subjected to natural wind forces in tests at A&M's Research Annex. Measurements are made by electronic instrumentation

ULTIMATELY, ROSS plans to compare wind tunnel and field test results by reducing data from all tests to a configuration suitable for computer investigations.

Ross also is conducting an economic study of highway signs. He is probing the economics of designing a sign to withstand the 100-mile-per-hour wind velocity of a hurricane in an area in which winds normally blow about 10 miles per hour.

In this case, especially in areas where hurricanes strike in frequently, Ross feels it might be more economical to build a sign to last 10 years, thought by many highway officials to be the life expectancy of a sign, than to build a more costly sign to en-

Mother's Weekend Is Up In The Air

DENISON, Tex. (A) - Mrs. Carol Loper is a school teacher who spends her weekends jumping out of airplanes.

She wears a parachute, how-ever, so the worst thing that happens to her is the sudden jar when the main chute opens. "It's kinda like jumping off a

chair to me," she said. The teacher of the second grade began sky diving a year and a

half ago and so far has made more than 105 jumps. Her husband, Donald, an electronics technician in a Sherman

plant, has been diving 21/2 years and has 240 jumps to his credit. She says he is a "terrific sky Carol and Donald went sky diving on their honeymoon and made

a kiss pass in mid-air. Then she got what she calls her perfect wedding present-a black jump Mrs. Loper's small daughters

haven't yet taken up the daring sport. During the week, when she teaches classes at St. Xavier's Parish School, the family is ordinary enough.

But come the weekend, it's a different story.

"Most sky divers have a malfunction maybe one time out of every 100 or 200 jumps," she said. 'Well, out of my first 30 jumps,

when the minor malful occur, the chutist pulls the rip-

cord on the reserve chute. She's landed in trees 11 times; hit a barn; and landed on an island and had to swim to shore.

One time, she landed in a field, the farmer-owner of which didn't take kindly to such goings-on. He pulled a shot gun on her.

"I just gathered my parachute up around me and told him to leave me alone, and then I got out of there," she said. "He actually shot at some of the other divers as they were coming

She says anyone can sky dive as long as he keeps his head. She believes that generally men are better divers than women because

a woman tends to panic more quickly in a desperate situation.

Mrs. Loper, who has won several diving awards, says a beginning parachutist can get a complete sky-diving rig for as little as \$30, but the better outfits cost up to \$300.

The highest altitude she has dived from was 15,000 feet, when she also did a 90-second free fall. An average jump is from about 7.200 feet.

Mr. and Mrs. Loper agree that parachuting is a great sport. She said that when a person is skydiving, he's got his mind on what he's doing and nothing else.

"Besides, it's really very relaxing," she added.

But skydiving isn't her only sport. She's also a snow ski enthusiast. Her husband, though, doesn't care for snow skiing. "He thinks it's too dangerous," she said with a straight face.

Brazos Engineers Set Aside Week

The Brazos Chapter of the National Society of Professional Engineers has announced plans for local observance of "Engi-neer's Week" which began Sunday and ends Saturday.

Chapter President Peter D. I had five, which is very un- Weiner, assistant professor of mechanical engineering at Texas A&M, said local activities will be highlighted by a 7 p.m. banquet Thursday at Briarcrest Country Club. Featured speaker will be Rex Bailey of Bryan, regional manager for Southwestern States Telephone Co.

Weiner said a local engineer deemed to have made the most significant contribution to his profession during the past year will be cited at the banquet, along with an outstanding young engi-Approximately 150 engineers

from the University, Bryan-College Station and the surrounding area are expected to attend.

The theme for this year's "Engineer's Week" is "Engineering for the Human Environment."

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Players Director Elected To Board Of Theater Assn.

C. K. Esten, director of the Aggie Players, has been elected to the board of directors of the Texas Educational Theater Asso-

Esten, a past president of the association, also was named chairman of the TETA Festival Committee. He is a member of the TETA Visitation and Minimia Criteria Committee, which makes accreditation rulings regarding universities applying for member-

Representing A&M at the TETA annual convention in Waco were Dick Gustafson, Millie Foy,

Marie Crook and Kirk Stewart. Esten said TETA promotes good theater on all levels in the state and advises secondary schools in theater work.

ATTENTION Corps Sophomores and Juniors

Picture schedule for Aggieland '67 to be taken at the University Studio in North

Feb. 20 to Feb. 25 - G-L Feb. 27 to March 4 - M-R March 6 to March 11 - S-Z

ATTENTION Civilian Sophomores and Juniors

Pictures scheduled for 1967 Aggieland to be taken at University Studio.

Feb. 20 to Feb. 25 - J-T Feb. 27 to March 4 - U-Z and make-ups



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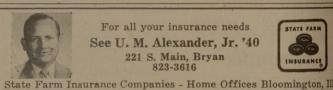
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