

Grove

Of Tornado And Hurricane Winds

Smog Controls Blasted

...er bus trip to ... and New Orleans for ... A&M-LSU footba ... ry has a barometer ... ve. ... nclear engineering ... Bill is our most ... omer," he describ ... e almost every ... e's not, we wonder ... with the movie."

A&M's large scale wind tunnel, usually reserved for aircraft models and wing surfaces, is being used to study the effects of hurricane and tornado winds on a house.

Dr. David J. Norton, assistant professor of aerospace engineering, is conducting the tests at the wind tunnel in cooperation with Dave Millikan, director of the facility, and the wind tunnel staff.

The house is a 1/20th scale model of a cement modular structure manufactured by Construction Modules, Inc., a division of the H. B. Zachry Engineering Company.

"We are using a plastic scale model of the structure," Dr. Norton explained, "to measure points of stress on the building in winds of hurricane and gale force.

"The structure is holding up quite well on the wind-loading experiments, but we haven't started rapid depressurization tests which simulate tornado actions."

The modular home, which weighs 96 tons and is trucked to the building site in four modules, is precast at the company's San Antonio plant. The basic structure consists of two cement pads and two sections which are tied to-

gether at the construction site.

Wind speeds of 80 and 130 m.p.h. are being used in the wind tunnel tests. The depressurization tests will be undertaken in a pressure tank, according to Dr. Norton.

The project, funded through September with \$4,000, is being administered by the Texas A&M Research Foundation.

AUSTIN — Federal Environmental Protection Agency proposals to cut auto pollution smog in Texas ran into opposition in public hearings last week.

EPA proposes to put the smog control plans into effect August 15 unless convinced it should alter or delay them.

Here's what the controls would mean, with variations from area to area:

*Specific traffic lanes for buses and car pools on freeways.

*Installation of anti-pollution devices on pre-1968 cars.

*Elimination of downtown parking in major cities like Houston and San Antonio.

*Gasoline quotas.

*Reducing gasoline fumes in some areas (like Austin-Waco) by improved storage tanks and tighter gasoline delivery trucks.

A Texas Good Roads Association spokesman assailed the idea of special traffic lanes as potential contributors to all-time record traffic pile-ups.

A Texas Air Control Board representative also challenged constitutionality of EPA recommendations to require owners of seven-year-old (and older) cars to install anti-smog equipment.

The latter requirement, said the Board spokesman, places an undue process and equal guarantees of the fifth and 14th amendments.

Air Control Board spokesmen have contended emission control devices would cost owners of old cars \$300 million and would affect one per cent of the total pollution problem.

Record Second Summer Term Enrollment

Second session summer enrollment at A&M totals 6,097, representing an 8.3 per cent increase over the previous record for this period set last year.

Registrar Robert A. Lacey said the figures include 136 students participating in the Texas Maritime Academy and "Summer School at Sea" cruise to the Mediterranean and 58 students enrolled in marine related studies at Galveston.

The figures represent tabulations as of the fourth class day, the official reporting period for state supported institutions, Lacey noted.

He pointed out second session enrollment is traditionally lower than that of the first session, but the decrease is less than normal this year. Enrollment during the first session was 6,855, also a record.

Landlords May List Through 'Y' For Students

Bryan and College Station property owners with available living quarters to rent or lease may list through the YMCA for incoming A&M students.

Logan Weston said rooms in private homes and furnished or unfurnished houses, apartments and trailers are in demand.

Owners are asked to stop in at the "Y" office, 216 University Center, to make listings.

A&M's fall enrollment exceeds on-campus housing capabilities. A card file at the YMCA provides a detailed description of rental facilities, including price and location.

Weston, religious life coordinator and YMCA general secretary, said the file cards cannot be filled out over the phone. The listing requires the property owner's certification that the owner will abide by the Fair Housing Act as endorsed by the State of Texas.

Sports Car Club To Run Gymkhana

The Texas A&M Sports Car Club will run a gymkhana Saturday on the Zachry Engineering Center parking lot.

The Saturday gymkhana will match drivers one at a time on a Parking Lot 50 course. Event master Don Tunison said the best minimum elapsed time will win. Technical inspection will start at 9 a.m. The first car will go on the course at 10 a.m. An entry fee of \$2.00 per driver will be charged.

"This type event can give useful driver training for emergency maneuvers to avoid accidents in regular street and road driving," noted Richard de Bruin, club publicity chairman.

Spectators will be admitted free.

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