

The Battalion

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College Station, Texas

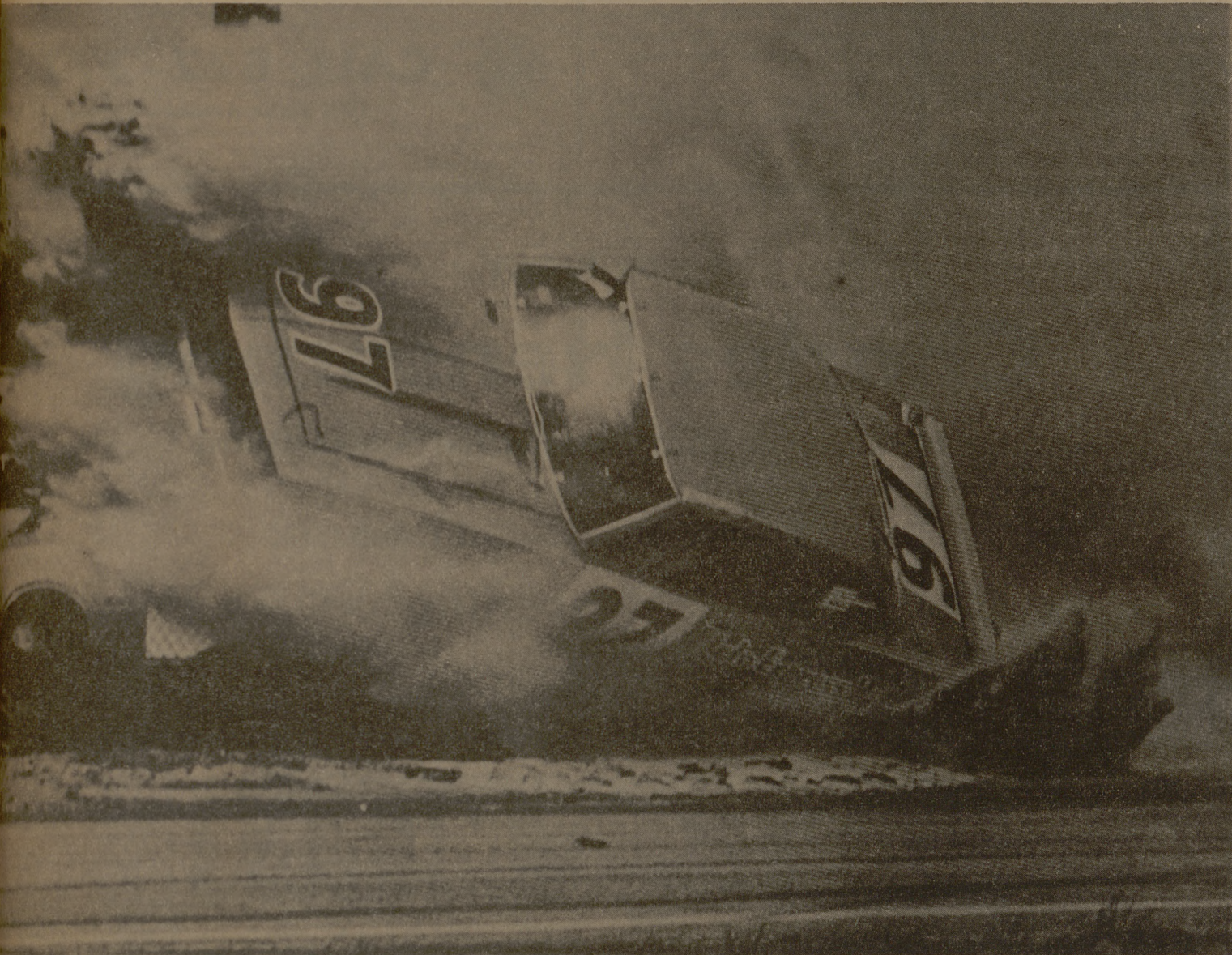
Wednesday, March 29, 1972

845-2226

Clear
and
cooler

Thursday — Clear to partly cloudy. Northeasterly winds 10-12 mph. High 72°, low 40°.

Friday — Partly cloudy to cloudy. Southeasterly winds 10-15 mph. High 72°, low 51°.



UP AND OVER was the way it went for Robert Quintanilla and his Camaro at a 12-hour endurance race at Sebring. The car climbed a fence and then flipped on to the track. Quintanilla suffered minor injuries. (AP Wirephoto)

North Ireland under direct British control

BELFAST (AP)—A half century of Protestant home rule in Northern Ireland ended Tuesday when the provincial Parliament bowed to British pressure and voted to adjourn for at least a year.

An angry crowd of 100,000 Protestants massed outside Stormont Castle, the seat of Parliament, and assailed the British measures as a sellout to the terrorist campaign waged by the outlawed Irish Republican Army. Terrorists killed two more persons with a bomb near London-

derry, and there was other scattered violence.

A Protestant general strike crippled the province for a second straight day. Fears mounted that the imminent British takeover of the provincial government could touch off new violence between the Protestant majority and Roman Catholic minority.

In London the British Parliament rushed through legislation to enable a senior Cabinet minister William Whitelaw to assume all government powers in Northern Ireland by tonight.

The British acted in hopes that direct rule from London would defuse the long history of sectarian clashes that have taken 290 lives in the province during the past 32 months.

At Stormont, the seat of power in the 51 years of Protestant domination over the Catholic minority, Brian Faulkner gave perhaps his last speech as prime minister of Northern Ireland. He

denounced the British takeover as "totally undemocratic" and vowed a policy of noncooperation with his successor Whitelaw.

One hopeful note came just before the adjournment debate, when extremist and moderate Protestant leaders appeared together before the crowd outside to urge a united stand.

The speakers included Faulkner and William Craig, a militant whose Ulster Vanguard movement organized a 48 hour strike that brought the province to a standstill.

Craig, long a critic of Faulkner's tactics, praised the outgoing prime minister for doing his best and led the crowd in cheering him.

Isolated incidents throughout the province gave evidence of more violence to come, however.

Two men were killed at Lismavady, 17 miles from Londonderry, after a bomb exploded in a truck parked outside the town's police station.

Voting rules for residents may change

Tennessee's one-year voter residency requirement has been overruled by the Supreme Court and a change may be in store for the Texas residence law.

Randall Wood of the Texas secretary of state's elections division said that he would receive a copy of the Supreme Court decision and would then determine what steps Texas must take.

Raymond B. Buchanan, Brazos County tax assessor-collector, said that, as of right now, out-of-staters in this county will remain disenfranchised until they fulfill the residency requirement. He is awaiting word from the secretary of state.

Food price hikes to be investigated

WASHINGTON (AP)—The Cost of Living Council moved on four fronts Tuesday in an effort to find out what is causing the rise in food prices.

The council said that beginning immediately the Internal Revenue Service will conduct intensive compliance surveys on several large meat-packing organizations "to determine whether price violations are occurring in the total meat delivery chain from on-the-hoof to retail."

Several meat wholesalers are under investigation to assure compliance with current price regulations, the council said.

The council said it also is conducting compliance surveys on a number of major food chains to get information on their meat pricing practices.

And finally, it said, the government is beginning to look closely at quarterly reports submitted by major food chains "in an effort to isolate instances of excessive profits which may be attributable to illegal markups."

The council made its announcement as treasury Secretary John B. Connally prepared for a Wed-

nesday session with 12 large food chains to discuss meat prices.

The current controversy on food prices began last week when the government announced that the cost of living went up 0.5 per cent in February, largely because of high food prices, particularly meat.

Food is subject to controls, except for raw agricultural products, which are subject to volatile price changes.

Freshmen to renovate health center

The Freshman class will help renovate portions of the Brazos County Mental Health Center the weekend of April 8.

There will be a party afterwards for the participants.

Freshmen who wish to help can sign up in the dorm drive or contact the Freshman Class Projects Committee at 845-5390 or 845-6480.

Woman refused aid Houston's ambulance service studied

HOUSTON (AP)—An investigation is underway into an incident where a woman died five and a half hours after being refused transportation in a city-owned ambulance, city officials said Tuesday.

The refusal came after firemen who operate the city-owned emergency ambulance system here had been told to cut down on the num-

ber of responses to nonemergency sick calls.

Senior Fire Capt. D. E. Gunnels, a supervisor in the ambulance division, said Mrs. Billie Ruth Davis, 54, was "a victim of circumstances in which too many people cried wolf."

Mrs. Davis died at 10 p.m. Saturday in a local hospital after a heart attack.

At 4:35 p.m. the same day, her sister, Mrs. Winnie Scott, called for a city-operated ambulance. The vehicle arrived and an emergency medical technician spoke with Mrs. Davis and examined her for heart beat and pulse rate, Gunnels said.

But the attendant ruled that Mrs. Davis' case was "not one of life and death" and advised Mrs. Scott to call a private ambulance, Gunnels said.

The private ambulance took more than an hour to arrive. Mrs. Davis reached the hospital at 7:15 p.m.

The technician, whom Gunnels declined to name, has been asked to submit a letter explaining his actions. Gunnels said all of the department's 171 emergency technicians have been under orders for several months to cut down on the number of nonemergency calls.

City ambulance service from any point in Harris County to the hospital of the patient's choice costs just \$25 while private ambulances may charge up to \$150, he said.

Gunnels said as a result of the

incident he thought the technicians would be told to give more thorough examinations.

"Our men aren't doctors," he said. "We know mistakes will be made and that some people are going to die."

'Sissy' Farenthold to speak at noon forum Wednesday

Texas State Rep. Frances Farenthold will speak at the Political Forum noon series Wednesday, April 5, at A&M.

Leader of the so-called "Dirty Thirty," a pro-reform group of legislators, she will discuss reform in state government in a presentation titled "To End An Era of Neglect."

Political Forum chairman-elect Mike Lindsey said the public-free address and question-answer session will be in the Memorial Student Center Ballroom. Mrs. Farenthold was extended the Forum speaker invitation several days before she announced for governor last fall.

Sissy Farenthold was elected to the Texas House in 1968. She is considered a contending candidate for governor.

The representative from Corpus Christi has supported numerous campaign and election process reforms, educational advances in public schools and colleges, anti-pollution bills and human rights for women and minority groups.

Rep. Farenthold's interests also include child welfare and day care for children of working mothers. She advocates drastic reform in welfare programs to take care of unmet needs of the poor, the aged and disabled.

UH decides not to appeal ruling against selling beer

HOUSTON (AP)—The University of Houston said Tuesday it was giving up in its efforts to sell beer to students in the university center.

UH officials said they and ARA Services, which runs the food concession in the center, had decided not to appeal a ruling handed down March 5 by County Judge Bill Elliott denying them a beer license.

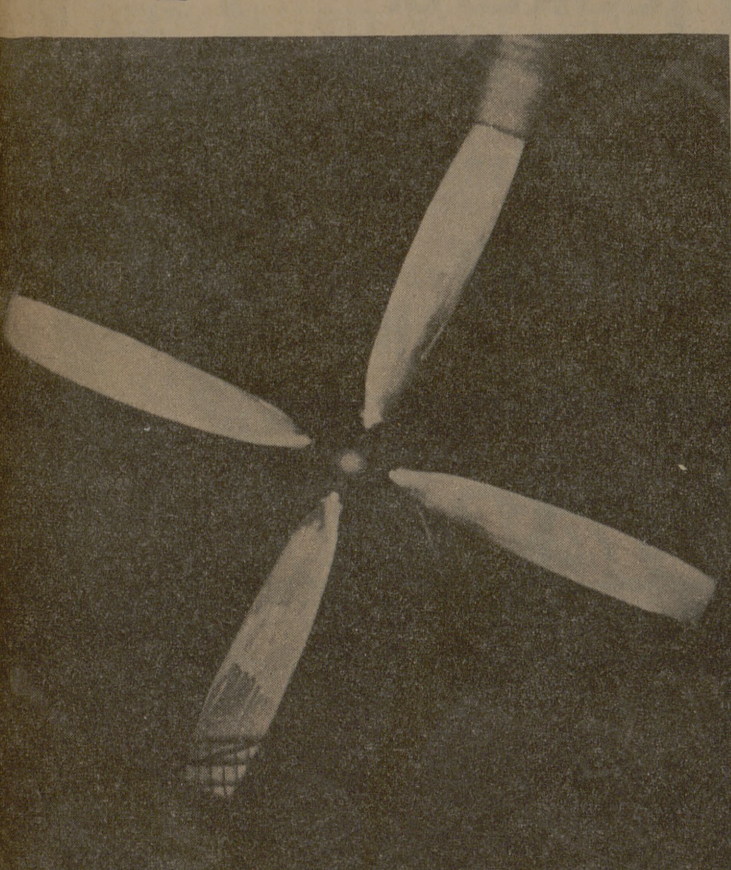
The beer would have been sold only after 5 p.m. and to students with proper identifications show-

ing they were 21-years-old or older.

The application for the beer license was endorsed by the UH board of trustees but Judge Elliott cited a city ordinance that prohibits the sale of beer within 300 feet of a public school and Atty. Gen. Crawford Martin's ruling that UH was a public school.

A University spokesman said it was thought an appeal of the ruling would not be successful unless changes were made in the existing ruling and ordinance.

Propeller from Atomic Age helps research in Space Age



The propeller from the "Enola Gay," a B-29 which dropped one of the atomic bombs on Japan in World War II, now serves as a wind tunnel fan. (Photo by Mike Rice)

By MICHAEL RICE
Staff Writer

Though its days of making bombing runs over Japan are over, the 12½-foot diameter propeller used in the Low Speed Wind Tunnel belonging to A&M still serves its country well.

The propeller came from the B-29 bomber "Enola Gay," which was used during World War II to drop one of the atom bombs on Japan.

A wide variety of tests have been performed at the wind tunnel with the aid of the propeller. Driven by a 1500 horse power engine housed in fiberglass, the propeller is capable of creating a wind velocity of 200 miles per hour while rotating at 900 revolutions per minute.

For those who have never been to the wind tunnel, it is located adjacent to Easterwood Airport approximately two miles west of the main campus. Resembling a giant caterpillar in some respects, the massive steel structure may be seen easily from FM 2347.

The tunnel is operated by the university's Space Technology Division and utilizes the faculty of Aerospace Engineering and personnel of the division research and instrument shop.

The wind tunnel is supported

on an "as needed" basis by industries and groups such as NASA and Lockheed. These perform the test planning, data processing, instrumentation, machine shop work, operations and maintenance.

Used for aerodynamic research and development as well as providing instructional aid for students of the Department of Aerospace Engineering the facility has been more recently used for experimentation and design work for shuttle-craft vehicles to be used in future space travel.

The overall circuit length of the tunnel is 397.5 feet, with the smallest diameter being at the site of the propeller. The largest diameter is located just before the test section of the O-shaped structure and measures 30 feet.

The test section, the smallest section of the tunnel, incorporates an external pyramid balance system. The balance is located directly beneath the testing section, and is a rectangular 7-foot by 10-foot area that is 16 feet long.

When specially designed models are placed upon the balance, the system separates and independently measures the aerodynamic

components of lift, drag, side force, pitching and rolling movements, and yawing moment.

Signals from the system are transmitted from the balance to transducers, amplified and filtered, and fed into a computer where they are recorded on magnetic tape for future reference and calculations.

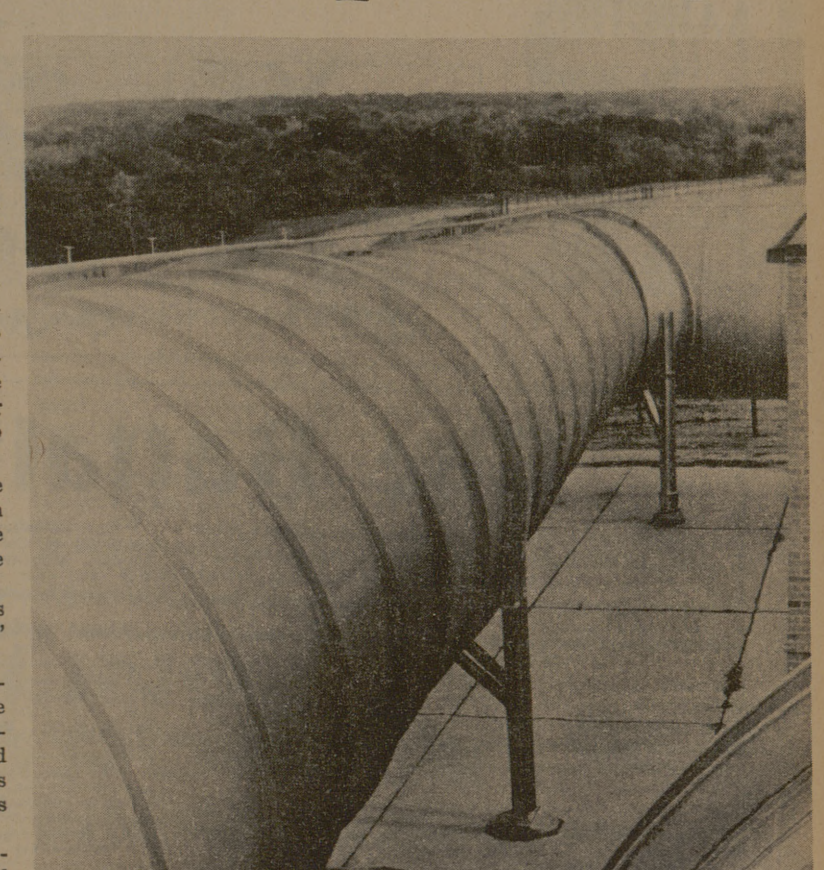
At normal atmospheric pressure, the test platform can operate at wind speeds from zero to 300 feet per second. Just before reaching the test stand the tunnel narrows sharply speeding the wind up from 30 m.p.h. to 200 m.p.h.

Jim Phillips, an employe at the tunnel, said there is too much danger involved to let people stand in the section while the prop is going.

"We like to think that dubious honor is reserved for teaspins," said the electrical technician.

During the summer the temperature becomes too hot for the tunnel to produce tolerable working conditions. This is remedied by a cooling system that runs around the top of the continuous steel structure.

The tunnel is cooled by spraying water over the tunnel shell outside the building. Runoff water from the top provides cooling for the sides.



Like a steel caterpillar, the wind tunnel coils around itself by Easterwood Airport. (Photo by Mike Rice)

University National Bank
"On the side of Texas A&M."
—Adv.