

## State and Local

### Wind shear

A&M researching weather sensor for pilots

Researchers at Texas A&M are working on a wind shear sensor that aviation experts say could detect the deadly weather condition and immediately alert airplane pilots.

Officials of the aviation company funding the research, Lockheed-Georgia Co., said they hope to test the device next year.

The new sensor would measure the degree of the wind change and provide visual and audio signals to the cockpit, Lockheed-Georgia spokesman Joe Dabney said.

"It would buy the pilot some time to respond," he said. "It may be just a few seconds but that could make a difference."

Wind shear is a violent and sud-

den change in wind speed or direction that often is associated with thunderstorms. It has been cited as a possible cause of several airplane accidents, most notably the Aug. 2 crash of a Delta Air Lines jet at Dallas-Fort Worth International Airport that killed 137 people.

Other mechanisms exist to detect wind shear, but the one being worked on here — a cylindrical tube mounted on the front of an airplane — differs in that it is not ground-based.

Claude Williams, an engineering manager at Lockheed-Georgia's Flight Systems Department, said the Marietta-based company became interested in the on-board aspects of

the device because its airplanes must have the ability to land in locations far from air traffic control facilities.

Dabney said development of the device originally was funded by the National Aeronautics and Space Administration, which recommended that it be further investigated. Lockheed-Georgia picked up the project, awarding a \$30,000 contract to A&M to evaluate the device this year.

Work on the project currently involves tests on the device's effectiveness and the best way to display the sensor's signals in the cockpit. The device will be installed next year in Lockheed's flying laboratory for aerospace systems, Dabney said.

### Town Hall's concerts keep group clear of money woes

By KAREN MCINTOSH  
Reporter

MSC Town Hall lost almost \$10,000 on the Broadway production programming budget for its three shows this fall. But was able to recoup some of those losses thanks to a successful concert season.

Town Hall Chairman Wendy Cochrane says the losses were a result of the shows not selling out and the bad nights of the week some of the shows played.

"There are only 2,500 seats in Rudder, so we have to charge a lot per ticket to cover a \$25,000 show," Cochrane says. "If we had more seats, we could spread it (ticket prices) out more."

Cochrane adds that another reason for the \$2,000 to \$3,000 loss per show was that advertising about the productions reached the wrong people.

"It was due to lack of good marketing," she says.

To avoid more losses next semester, Cochrane says the committee will target their advertising toward the group most interested in the particular production.

"Instead of advertising to the whole campus, we'll just advertise to people who like The Judy's, for ex-

ample," Cochrane says. "Or we'll direct Broadway more toward the community."

Cochrane is optimistic about the spring semester Broadway line-up.

"We have two of our biggest Broadway shows," she says. "42nd Street will be here in February and Brigadoon in March. We'll also show The Oldest Living Graduate."

In spite of Broadway's losses, Cochrane says the Town Hall concerts were so successful this fall that the committee as a whole came out \$703 ahead.

On the concerts alone, Cochrane says Town Hall had \$11,000 in gains.

When Cochrane took the position of chairman at the beginning of this semester, she set some new goals for the committee.

"I restructured Town Hall from

two branches, one Broadway and one concerts, into one general committee which programs in three areas," Cochrane says.

Cochrane says she likes the general committee, because it gives members exposure to all aspects of Town Hall.

In addition to Broadway and large concerts, Cochrane added a new type of program called club programming.

"In club, we book smaller concerts that cost between \$1,000 to \$10,000 to perform in Dewar or The Grove," Cochrane says.

In booking concerts, Cochrane says the committee tries to keep the variety by evening out the number of country and rock groups.

"Even though we know that country will always sell at A&M, we want to have a variety of entertainment," Cochrane says.

There are no concerts booked for next semester, but Cochrane says that they have gotten some contracts out. And she says next year's entertainment may show a little wider variety of performers.

"We are even looking into some comedians and Christian singers," she says.

### San Marcos man may enter insanity plea

Associated Press

AUSTIN — A San Marcos man accused of planting a bomb on a commercial flight that carried his wife and three children might enter an insanity plea, his lawyer said Monday.

"He's in a state of depression," attorney Rip Collins of Austin said of Albert Lee Thielman. "He's not responding very well."

Thielman, 34, was arrested Dec. 7 in Las Vegas, a day after he was named in a federal indictment charging he put a bomb on an Oct. 30 American Airlines flight from Austin to Dallas-Fort Worth.

The bomb, traced to Thielman's wife's luggage, exploded in the luggage compartment while the plane was at the Dallas-Fort Worth International Airport. There were no injuries among the 154 people on board.

If convicted, Thielman, a salesman, could face up to 20 years in prison and a \$250,000 fine. Collins said "the whole facts of the case" probably would prevent Sanders from allowing Thielman to be freed on bond.

Thielman has not yet entered a plea. His lawyer said an insanity defense is a "clear possibility."

"He is not in a good mental or emotional state at this time," said Collins.

### University Police aided by registration system

By MICHAEL MIESCH  
Reporter

Thanks to a move into the computer age the University Police now are able, with the touch of a button, to block delinquent ticket holders from registering for classes or receiving a transcript.

By tapping into the registrar's office and fiscal office through the campus computer system, the University Police this fall blocked the registration of 5,100 students with unpaid tickets, says Bob Wiatt, director of security and traffic at Texas A&M.

About 1,200 students averaging nine tickets each cleared their tickets within two weeks, creating \$125,000 of revenue for the University, Wiatt said.

The revenue will be added to the parking facilities fund, which contains all revenue collected from tickets and registration fees, Wiatt said.

Between September 1984 and August 1985, a revenue of \$896,319 was created from 90,456 parking tickets, Wiatt said.

The money from the parking facilities fund is used to pay for the operation and maintenance of the A&M shuttle bus system, the creation of new parking and the repair of the old, as well as a small percentage of the patrolmen's salaries, Wiatt said.

The University receives no state funding for these services, he said.

The 1985-86 University budget lists \$2.3 million in expected revenue for the parking facilities fund, while anticipated expenses are \$1.3 million, Wiatt said.

The other \$1 million will be used in construction of a new \$12 million, six-floor, 2,000-space garage the University is planning to build where the Physical Plant office is now located, he said.

The parking facilities fund will not be large enough to cover the cost, so it will be necessary to raise money by selling bonds, Wiatt said.

The new Physical Plant office will be located west of Wellborn Road, Wiatt said.

Construction on the parking garage should be completed by 1987, he said.

When it is built it will have cost between \$1,000 and \$1,200 to create one new parking space, Wiatt said.

Michael Goldwater, associate director of grounds maintenance, said costs are high because building a parking lot is not merely a resurfacing job.

It includes draining the land, relocating utilities when necessary and installing lighting, curbs, gutters and storm sewage, he said.

A 715-space parking lot, PA 71, recently built across the railroad tracks cost \$750,000, he said.



### How to Prevent ...

"Ho-Ho-Ho-Oh-No-Crash-Boom"

- \* Prior to a party designate a person to drive who will not be drinking.
- \* Leave your keys with the host.
- \* Decide how many alcoholic drinks you will have before going to a party.
- \* Know your limit.
- \* Call a friend or taxi if you've had too much to drink.
- \* Show friends you care by taking away their keys if they drink too much.
- \* Consider having non-alcoholic drinks after you've had a few alcoholic drinks.
- \* If your hosting a party be sure to supply plenty of snacks.

Alcohol Awareness Program Department of Student Affairs 845-5826

### FOR THE HOLIDAYS, A GIFT OF GOLD



Gold Coin Jewelry  
mountings for all popular U.S. gold coins,  
Pandas, maple leaf and krugerrands.

### TEXAS COIN EXCHANGE

404 University Dr. East  
College Station 77846-8905  
Next to Cenare's

3202 A. Texas  
Bryan 779-7662  
Across from Wal-Mart

12

### CHANELLO'S

4



FREE  
COFFEE

OPEN LATE CAMPUS ONLY

sun. mon. tues. wed.

846-3768

Save \$\$!

### New AND Improved Student Book Exchange

In the spring, a listing of all books for sale will be made available free of charge!

Come by 2nd floor PAVILLION  
December 16-20 and January 16-24 and register your books to be sold!

Save \$\$!

Save \$\$!



UP BIG SAVINGS!

Buy and Sell  
Through Classified Ads  
Call 845-2611