

# UFO's Impossible To Fly, Says Aerospace Student

Aerodynamically, UFOs will never get off the ground.

A Texas A&M aerospace engineering major's wind tunnel tests show "flying saucers" are aerodynamically unfeasible.

Stephen L. Lamkin, senior of Austin, constructed two models for tests in the Aerospace Engineering Department's two-by-three foot wind tunnel.

"Non-rotating circular bodies—as 'flying saucers' would be termed in scientific vernacular—I tested became extremely unstable and developed destructive flutter at angles of attack above a certain point," the 22-year-old engineer reported.

Lamkin is skeptical of most flying saucer reports and has never seen a UFO (unidentified flying object). He follows reports on such objects and based his models on dimensions obtained from relatively factual sightings. "Buffeting and fluttering began to develop above two degrees angle of attack on both models," Lamkin noted. "Most of the planes built today will take 20 degrees, though in normal operation they do not experience more than 10 degrees."

He said a spinning saucer probably has better aerodynamic characteristics.

"It wasn't possible for me to spin models I tested though."



**FLYING SAUCERS GROUNDED**

Steve Lamkin of Texas A&M, senior aerospace engineering major, "grounded" two flying saucer models for wind tunnel tests. The senior from Dallas found saucer-shaped UFO's present aerodynamics problems. A 10-inch model (background) is mounted in the Aerospace Engineering Department's two-by-three foot wind tunnel for tests.

## Civilians To Meet With Dollar

The Civilian Student Menu Committee will meet with university food officials at noon Monday, February 12, 1968, for its regular monthly discussion of Sbsa dining operations, announced Edwin H. Cooper, director of civilian student activities.

Cooper said the group will meet in the Sbsa office of Col. Fred Dollar, food service director, and then have lunch together.

Any civilian student desiring to offer suggestions about the dining operation is invited to contact one of the committee members and attend the luncheon meeting as his guest, Cooper said.

Permanent members of the committee are: Civilian Student Council President Griff Venator, Room 47, Milner Hall; Graduate Student Council President Ernest Knowles, 302 Live Oak, College Station; Civilian Student Council members George N. Walne, Room 47, Milner Hall, and Stephen Bancroft, Room 424, Dorm 15. Cooper pointed out the Corps of Cadets has a separate menu committee.

## Campus Briefs

### Customer Key In Retail Industry

Automated stores, "telepurchasing" and do-it-yourself appliance repair kits are ways the retailer may serve his future customer, Robert H. Lakamp, special assistant to the president, J. C. Penney Co., said Tuesday night.

Lakamp of Short Hills, N. J., addressed about 30 members of the American Marketing Society in the Memorial Student Center.

"Within two decades," Lakamp said, "a housewife will make many of her purchases by telephone. By choosing items flashed on her television screen, she sends her order to a nearby retail warehouse. There the items are automatically sorted and wrapped, ready for delivery."

Lakamp said that another retail service, repair "modules," will replace whole units instead of single parts of an appliance and will make repairs obsolete.

Lakamp traced the strategy of the retail industry from the pre-World War II idea of locating small shops in a central business district to the modern, more complex plan of adapting large stores to consumer trends.

"The age of the consumer has come with younger, more affluent and better educated customers," he said.

partment, announced Co. Jim H. McCoy, commandant.

Southerland, 25, replaces Billy C. Prenal, who left the Office of the Commandant position to seek election to the Texas Legislature.

A 1965 management graduate, Southerland recently completed two years active duty in the Army. The first lieutenant served the second year in Germany as battalion adjutant and headquarters company commander of the 4th Battalion, 35th Armor.

The 1960 San Jacinto High graduate served as a civilian counselor three months before entering active duty. Commissioned at A&M, he was a member of Company A-3 in the Corps.

Southerland was in the Fish Drill Team as a marching member and sophomore, junior and senior advisor. He was the first president of the Association of Former Fish Drill Team Members, formed to assist in the precision rifle unit.

While serving as adjutant in Ilesheim, Germany, Lieutenant Southerland was one of only two officers on the 4th Battalion staff of Lt. Col. Jim T. Burke, commander.

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### MS Staff Names Civilian Counselor

Texas A&M graduate J. Malon Southerland of Houston has been named civilian counselor in the university's Military Science Department.

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## BATTALION CLASSIFIED

**Political Announcements**  
Subject to action of the Democratic Primary May 4, 1968.  
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(Re-Election)

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4,000 used golf balls 5c, 10c, 30c. Aggie-land Recreation Center. Redmond Terrace Center. 52018

**OFFICIAL NOTICE**  
Official notices must arrive in the Office of Student Publications before deadline of 1 p. m. of the day preceding publication.  
Pre-veterinary Medicine Students  
All students who expect to register in pre-veterinary medicine for the Spring Semester 1968 must have their courses approved by their Academic Advisor. A form signed by the Academic Advisor and listing approved courses must be presented at registration. 52118

**CHILD CARE**  
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**ATTENTION MAY GRADUATES!**  
Deadline for Ordering Graduation Invitations Feb. 29.  
Order taken from 9-12, 1-4, Mon. - Fri. at the Cashier's Window—Memorial Student Center.

It is now time for all Departmental and Professional Club, Hometown and International Clubs, Honor Societies, Sports Clubs, and Service Organizations, who did not apply for recognition the first semester, to file a list of their officers with the Student Finance Center, MSC. Deadline Feb. 15, 1968.

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**SPECIAL NOTICE**  
SUL ROSS LODGE NO. 1300 A.F. & A.M. Stated communication Thursday, Feb. 8 at 7:00 p. m. Tom Chandler, WM Joe Woolket, Sec'y. 53012

**ATTENTION**  
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### Bulletin Board TODAY

The Amarillo Hometown Club will have pictures made for the AggieLand at 8 p.m. on the steps of the Memorial Student Center.  
The Aggie Wives Bridge Club will meet at 7:30 p.m. in the Memorial Student Center.  
The Student AVMA Auxiliary will have a salad luncheon from 11:30 a.m. to 1:30 p.m. in the South Solarium of the YMCA to honor national officers of the AVMA Auxiliary.

**THURSDAY**  
The Fashion Group of the A&M Social Club will meet at the A&M Bank of College Station at 7:30 p.m.  
Garland Hometown Club will meet in Room 204 of the YMCA at 7:30 p.m.  
Eagle Pass Hometown Club will meet at 7 p.m. in the YMCA Reading Room.  
The Rio Grande Valley Hometown Club will meet at 7:30 p.m. in the MSC to have pictures made for the AggieLand.

**ATTENTION SOPHOMORES**  
ALL SWEETHEART NOMINEES MUST BE TURNED IN BY FRIDAY, FEBRUARY 9, TO THE MSC STUDENT PROGRAM OFFICE.

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\* Fast. Exercise in privacy of home or office without inconvenience of travel or appointments.  
\* Simulate motion of sports.  
\* Resistance may be dialed from ounces to hundreds of pounds.  
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