

Carlson Speaks

On Saturday, May 20, we will be holding our annual Bathtub Race on the campus. Although the race is relatively new, this being the sixth, it has attracted considerable interest in the Atlanta metropolitan area. Before long I am sure that we will be receiving national interest in this event.

While a college or university earns its reputation mainly through the quality of its educational opportunities, its traditions and service to its community and nation play important roles. The Bathtub Race has already become a tradition on the Southern Tech campus.

I am sure that those of you participating in the race have, and will, derive much satisfaction from your efforts. When you have graduated from Southern Tech and assumed a position in the industrial world, you will find that the greatest progress is made working with others in team efforts. Joining with others in building a tub and getting it to operate so that it can survive the fifty laps of the race provides an experience in teamwork.

It may be of interest to you that movies of previous races have been edited and they are being used in conjunction with career visits to high schools. I know of one case where the Bathtub Race attracted the attention of a women's auxiliary to the educational opportunities at Southern Tech. The ladies are now supporting a scholarship for one of your colleagues.

To all of the race entries I wish you success. Win or lose, we will all have a lot of fun. There will be only one winner, but for the others there is always next year and another Bathtub Race.

Students Will Join STI Security Force

Dean of Students Lewis Van Gorder is now accepting applications for student security officers to serve as part of Southern Tech's newly organized security force. Beginning July 1, Georgia Tech's security department, under the direction of Dr. Richard Fuller, Jr., will supply a lieutenant and two officers to Southern Tech.

Two Southern Tech students will be added to the full-time force after they have successfully completed the course of study at the Atlanta Police Academy. Dean Van Gorder says he hopes to find two STI students who have been in the military or who have other related experience to fill the positions. Application for the appointments should be made directly to Dean Van Gorder.

"We are all elated over this new arrangement, and I am sure you look forward to July 1 with great anticipation," Dean Van Gorder said. "Having our own security force will, by its very nature, require a number of changes," he continued. "We will not expect all aspects of the

security to be realized immediately, but we are hopeful that the changes will make the magic goal possible," he added.

The dean said that an ideal arrangement, perhaps, would be to have a night student qualify for the day shift and a day student to work the night shift. Each student officer will receive \$6,312 per year. Dean Van Gorder also said he hoped that some student auxiliary officers could be recruited under the work-study program. Under this program, students receive \$1.75 per hour for a 15-hour week.

Book Store Tells New Night Hours

Night-school coordinator Herb Eller says that beginning next quarter, the book store will stay open until 8:00 p.m. on Tuesday and Wednesday nights for the first six weeks of the quarter. Night school students thus will have the opportunity to use the book store at least one night a week.

Jeff Perdue, a junior in the Industrial Engineering Department, was named Student Body President in the spring elections held May 8 and 9. Originally from Montgomery, Alabama, Jeff has lived in Marietta since

1953. He first enrolled at Southern Tech in 1966 and then spent two years as a combat infantryman in Vietnam. When discharged, he was a sergeant squad leader.

Charles W. Fleming, who hails from Hartwell, Georgia, is a senior in the Industrial Engineering Department. He was named Vice President of the student body. In that capacity, he serves as Chairman of the Student Council and can only vote in case of a tie.

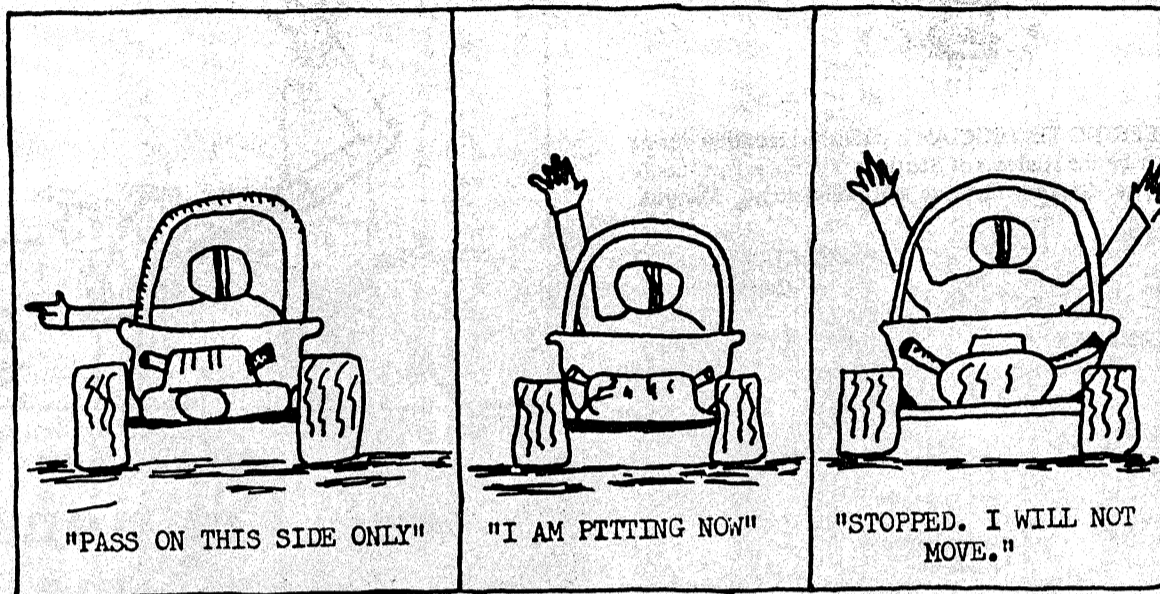
Others elected include Lewis Waters, CET representative; Joe Bennett, EET representative; Tom Dixon, IET representative; David Grant, MET representative; Tim Humphries and Rex King, senior class representatives; Bac Brittingham, sophomore class representative; Jesse Rice, co-op representative; and Wally Clark, night school representative.

Outgoing president Ken Lattimer said that because of a lack of candidates, representatives from the AET and TET departments, the junior and sophomore classes, and the night school, will have to be made by the Council at a later meeting.

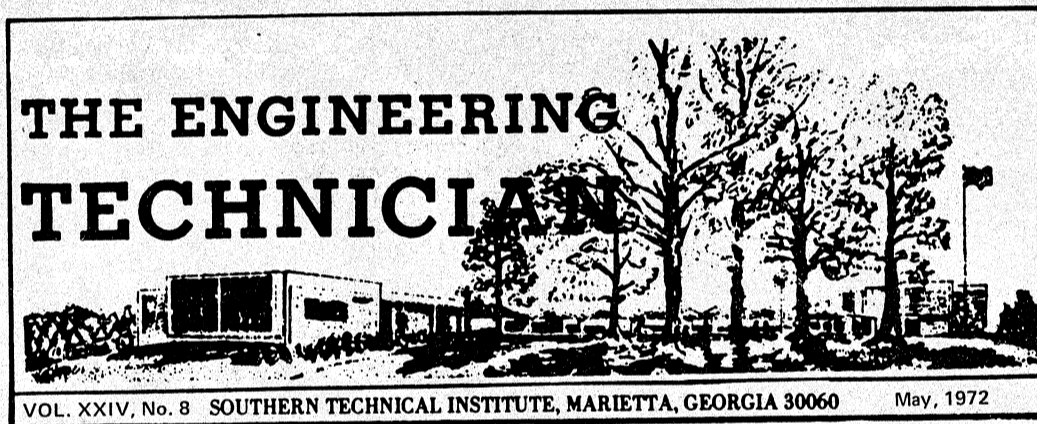
President-elect Perdue says these appointments will probably be made before the end of this quarter. The organizational meeting for the newly elected group is scheduled for May 30 at 5:30 p.m. in the seminar room of the library.

Representatives for the freshman class will be elected during the fall quarter. One co-op representative will be named during the summer.

RACE EDITION



15 Tubs Seek Prize



Perdue Wins Prexy Vote

In a referendum conducted as part of the election, a majority of those voting approved a move to pay student body officers. At the same time, those voting disapproved a motion to raise Student Activity Fees.

Fifteen tubs are scheduled to compete in the sixth annual bathtub race at Southern Tech on Saturday, May 20, beginning at 2 p.m. The tubs entered include the following:

No. 1

Tub number 1, sponsored by Sigma Delta Phi, will be driven by Tim Crawford. Sponsored by Coats and Clark and Bell Teagle Furniture Company, the tub will feature a 175 cc Bridgestone engine. The four-foot tub is painted blue and white.

No. 2

Sigma Delta Phi is also sponsoring tub number 2 which will be driven by Rodney Williamson. Also sponsored by Coats and Clark and Bell Teagle Furniture, it will be powered by a 175 cc Bridgestone engine. Also a four-foot tub, its colors are also blue and white.

(Continued on page 3.)

Graduation Planned In Mall Ceremony

Registrar Jake Remeta says that 123 Southern Tech students are scheduled to receive the associate degree at the June graduation exercises, while 93 are scheduled to receive the bachelor's degree.

Graduation this year will be held on the Mall at the Southern Tech campus instead of at one of the local churches. Ceremonies will begin at 9:00 a.m., Saturday, June 3, 1972. The processional will form at 8:00 a.m. on the second floor of Building 2.

In case of rain, the ceremonies will be held in the gymnasium. If this should occur, the processional will form on the lower level of the building in the locker room area.

The Mall seating will be divided into three sections: Graduates will be seated in the center section and the faculty will be seated in a special section facing the audience. The musicians will be seated on the other side facing the audience.

Graduates will enter the left-hand aisle (facing the stage), two abreast, led by Dean Carroll.

They will be in alphabetical order by departments by associate degrees with honor candidates first. They will be followed by candidates for the bachelor's degree, again with honor candidates first.

The faculty will follow, led by Dean McClure and Dean Carlson. Stage guests will follow the faculty. Everyone should remain standing until the stage guests are seated.

Dr. James E. Boyd, a former acting president of Georgia Tech and now Vice-Chancellor for Academic Development for the Board of Regents, will be the guest speaker.

Caps should be removed during both the invocation and the benediction. The tassel should be placed on the left side prior to the processional and should be left in that position throughout the ceremony.

Dean Carlson will lead the stage guests from the stage during the recessional and out the right-hand aisle as you face the stage. Following the ceremony, graduates and faculty will return to Building 2.



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THE WHITE HOUSE
WASHINGTON

TO THE 1972 COLLEGE GRADUATES:

When I think of what it means to be graduating from college in today's world, I reflect sometimes on the story that is told of an old and wise teacher in ancient Greece. It is said that there was no question which the teacher could not answer and nothing which he could not understand. Finally, one student thought of a way to discredit his teacher's wisdom.

The student planned to conceal a bird in his hands. He would ask the old man to guess what he was holding and, if he guessed a bird, the boy would ask whether it was dead or alive. Should the old man guess dead, the boy would let the bird fly away. But, if the wise man guessed the bird was alive, the boy would crush out its life and open his hands to reveal a dead bird. And so it happened, until the boy asked, "Is the bird alive or dead?" The old man replied, "My son, the answer to that question is in your hands."

Today the future of this Nation surely rests in your hands. Whether the promise of progress and prosperity will be realized, whether democracy and freedom will grow, whether men will continue to be governed by human wisdom -- all this, and more, rests in your hands.

You are the best educated generation in our history. What will you do with your knowledge and ideas? How fully will you engage your mind and will and spirit in helping to make America an even better place to live?

I am hopeful that you will use your talents and knowledge to help make our Nation's ideals a reality. Now is the time for a future of peace, for more responsive government, for equal opportunity for all. I congratulate you on what you have finished and look forward with hope toward what you can now begin to accomplish.

Richard Nixon

Hornets Drop Final Go Against Mercer

Southern Tech wound up its 1972 baseball season Wednesday, May 10, in a make-up game against Mercer played in Macon. The game, originally scheduled for May 8, had been rained out. With the loss to Mercer in the final game, the Hornets finished the season with 18 wins against 20 losses in its second season of four-year competition.

Chessmen Visit Pen For Meet

Southern Tech's Chess Team held an informal meet with the inmates of the Atlanta Penitentiary on Sunday, April 23. Philip Lamb, once designated as an expert by the National Chess Association, was pressed to win six of his seven games. Charles Starling won all of his six games except one; Roger McGalliard won two, lost three, and tied one of his six games; and Ed Miller won one while losing five.

The last game of the season, scheduled for May 12, was forfeited by Oglethorpe and the Hornets picked up a 1 - 0 win.

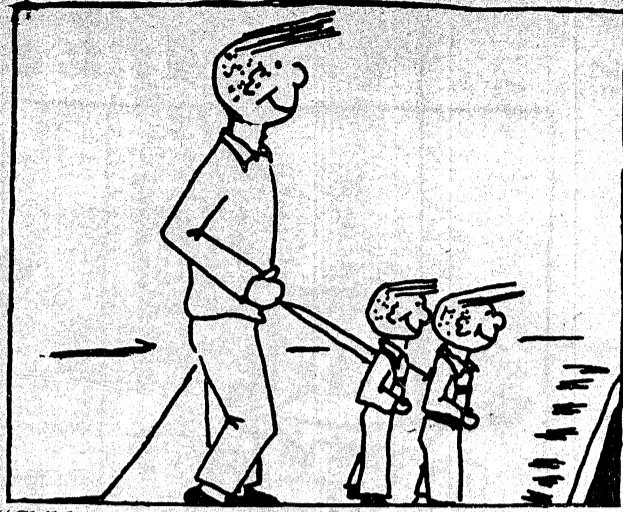
The Mercer game, which the Bears took 8 - 4, marked the last varsity game for Coach Harry Lockhart, who resigned earlier this year to enter private business.

Statistics through the first 36 games show that Raymond Hill, with five wins and five losses, was the Hornets' top winner. Wayne Yancey won three against four losses, Bobby Foster had four wins and five losses, Jim Mulkey won two and lost three, Steve Rowland had two victories against only one loss, and Wayne McFarland split a pair.

Overall, the pitching staff had a 3.71 earned run average for the first 36 games.

In the hitting department, Eddie Wallace posted an imposing .383 batting average with Tom Rooks close behind with a .364. Overall, the team had an average of .255 in the first 36 games.

Wayne McFarland and Rooks each had six home runs.



"Children are welcomed, but should be watched by parents at all times. No accidents, please."

Student Petitions Must Be In Time

Assistant Dean Georgia Carroll has emphasized the necessity for petitions to the Curriculum and Standing committees to be turned in on time. Deadlines are established, as follow:

The Committee on Standing will meet at 2:00 p.m. on Thursday, June 22. Petitions for re-admission must reach Dean Carroll by 5:00 p.m. on Wednesday, June 21, for presentation to the committee on June 22. Petitions received after June 21 will not be considered until the fall meeting of the committee.

The Curriculum Committee will meet on Friday, June 23, at 2:00 p.m. Petitions concerning subject substitutions, graduation requirements and other curriculum matters must reach Dean Carroll by 5:00 p.m. on Thursday, June 22. Petitions received after June 22 will not be considered until the fall meeting of the committee.

Regents Up Total Fees

According to the decision reached at the last meeting of the Board of Regents, the total fees at STI increased \$5.00 to a total of \$127.50 for resident students taking 12 hours or more.

For resident, part-time students taking fewer than 12 hours, however, a slight decrease was effected which varies directly with the number of hours taken. Non-resident fees absorbed the greatest increase of more than 32 percent over the spring quarter total of \$232.50.

The fee changes are due to the continuing efforts of the Board of Regents in promoting uniformity throughout Georgia's University System. Universities, four-year colleges and junior colleges each have an appropriate fee schedule effective state-wide.

STI Is Ahead Of 4-Year Units

As of April 15, Southern Tech is leading the other four-year institutions in the University System as far as percentage increase in applications from potential new students is concerned.

The system as a whole shows a decline of 5.2 percent whereas Southern Tech shows an increase in applications for the fall quarter of some 23.7 percent.

Director of Admissions Bud Baker says that during the last eight weeks, Southern Tech's applications are running 23 percent ahead of the same period last year. Based on the figures, he estimates that the fall quarter enrollment will reach 1900 students.

lum matters must reach Dean Carroll by 5:00 p.m. on Thursday, June 22. Petitions received after June 22 will not be considered until the fall meeting of the committee.

Dean Carroll also pointed out that all petitions must be complete and must indicate clearly what is being requested and why the request should be granted. Petition forms are available in department offices, the Registrar's office and Dean Carroll's office.

Delta Tau Phi Joins With TKE Fraternity

Southern Tech's Delta Tau Phi, a local social fraternity, has become an affiliate of Tau Kappa Epsilon, one of the two international fraternities in the United States. Faculty advisor Doug Black says the local group hopes to become a full-fledged chapter of TKE during the fall of this year.

TKE will soon have more than 300 campus chapters in 45 states, three Canadian provinces and the District of Columbia. The fraternity, which was founded in 1909, has an active membership of over 15,000 students and some 85,000 alumni members.

The local group has some 24 members and five pledges. Tom Kirchoff is president of the group, Rufus Yarbrough is vice-president and Charles Fleming is secretary. Professor W. B. Hinton, who was a frater in the Beta

Lambda chapter at Auburn University, is the chapter advisor.

During the first week of May, some 15 brothers visited Panama City, Florida for the weekend.

Luellen Will Jump In Parachute Meet

Southern Tech's Ken Luellen, who is rated second best (overall) in Georgia by the Georgia Parachute Council and is 14th in the Southeastern Conference, will compete in the national to be held in Tahlequah, Oklahoma on June 17.

Ken, who organized the Southern Tech Sport Parachute Club last September, plans to organize a team for collegiate competition. The club, which meets every Thursday night at 10:00 p.m. in room 210, currently has approximately 15 members.

Flag Signals

GREEN - The race is under way or restart the race.

YELLOW (motionless) - Danger. No passing until past the danger area.

YELLOW (waved) - Great Danger. No passing until past the danger area. Be prepared to stop.

RED - Stop immediately and clear the course. The race has been stopped.

BLACK (open) - Finish the lap you are on and retire to your pit for consultation.

BLACK (furred) - You are driving in an unsafe manner. If you continue, you will be black-flagged.

CHECKERED (furred) - One more lap. The next time around you will receive the checkered flag.

CHECKERED (unfurled and waved) - You have finished the race. Complete one more lap cautiously before you stop.

Who's Who

Officials of the sixth annual Bathtub Race can be identified by the following badges. The Track Marshal, Dean of Students and Flagmen will wear red badges. Lap-counters, communications people and cameramen will wear black badges. Special guests will wear green badges, and the school physician, Dr. Beasley, will wear a blue badge.

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Tubs Seek Prize

(Continued from page 1.)

No.3

Alpha Beta Epsilon is the sponsor of tub number 3. Even though the driver of this vehicle is undecided, it is sponsored by Kelly Chrysler-Plymouth of Marietta. Its engine is a 175 cc Honda and its colors are black and gold. In the spring of 1969 this tub took first place. In the spring of 1970 it came in second, but regained first place in the spring of 1971.

No.4

Tub number 4 is sponsored by IEEE and will be driven by Sam Early. One of three electric tubs in this year's race, it is sponsored by Bomber Battery and Don Colburn. Even though it failed to finish in the winter race of 1971 because of motor failure, it came in sixth in the spring race of 1971. The five-foot tub is painted green and yellow.

No.7

Affectionately called "The Turtle" by its independent sponsors from the MET department, number 7 will be driven by Ed Voyles, Dave Cox and Chuck Brader. It is sponsored by Mr. Mel Sorrell. Powered by a 175 cc Honda, the four-foot tub is painted black and red. This tub took first place in the spring of 1968 and in the winter of 1971.

No.8

Tub number 8, sponsored by Southwire Company, will be entered by the Delta Tau Phi fraternity. In the spring of 1970 it took first place; it came in third in the winter of 1971. The tub failed to finish in the spring of 1971 and the winter of 1972.

No.9

An independent tub, number 9 is sponsored by the AMG Corporation of Smyrna. The four-and-a-half foot tub will be driven by Donald W. Kay and is powered by a 10-horsepower Mercury outboard engine that had a displacement of 166.7 cc. It is painted red.

No.10

This new entry tub, also entered by the IEEE, is electric driven and is sponsored by Bomber Battery, Don Colburn and Bill Handley. Its colors are green and yellow and it will be driven by Mel Collins.

No.11

Tub number 11, sponsored by the Epsilon Pi Chi fraternity, took fifth place in the winter race of 1972. Painted black and gold, it is powered by twin 49 C McCulloch Kart engines. Driver for this tub has not yet been determined.

Lap Counter

The following lap counter is provided for the convenience of the specator at this year's bathub race:

Tub No.	Sponsor
1.	26.
2.	27.
3.	28.
4.	29.
5.	30.
6.	31.
7.	32.
8.	33.
9.	34.
10.	35.
11.	36.
12.	37.
13.	38.
14.	39.
15.	40.
16.	41.
17.	42.
18.	43.
19.	44.
20.	45.
21.	46.
22.	47.
23.	48.
24.	49.
25.	50.
Winner	
Second Place	

No.13

Another independent tub powered by electricity, number 13 will be driven by Richard I. Mitchell, Jr. It is sponsored by Electric Vehicles, Westside Electric Company and Ebco Batteries. Its power plant features two 2-horsepower motors which will be powered by ten 60-volt batteries. The 220 ampere-hour batteries weigh 1,000 pounds.

No.14

SME's tub number 14, which will be driven by Jim Monti, is sponsored by STA-Power. Even though it entered the winter race of 1972, this tub is powered by a 175 cc Honda. Four feet long, its total weight is 650 pounds. It features a Mini Cooper suspension and Good-year Mini Cooper racing tires.

No.16

Another SME entry is tub number 16, which is also sponsored by STA-Power. Even though it entered the winter race earlier this year, it did not finish because of engine failure. The four-foot tub, which is powered by a 175 cc Honda engine, has an NSU front end, Fiat rear end, and weighs 800 pounds. Painted blue and gold, it will be driven by Don Alexander.

No.21

Tub number 21 is entered and sponsored by the Southern Tech Auto Club. Third place winner in the spring of 1971 and the winter of 1972, this red, white and blue entry is powered by a 175 cc Bridgestone engine. It has independent torsion bar front suspension, a Datsun rear end, and rack and pinion steering.

No.22

The Southern Tech Veterans Club entry, sponsored by Johnson Tire Company, O'Neil Power Equipment Service, and Frank Hatcher, was the first place winner in the winter races of 1971 and 1972. It came in fourth in the spring of 1971. Powered by a 160 cc Honda, the four-foot tub is painted red, white and blue. It will be driven by Charles Matheson and Daniel C. Melton.

No.35

Tub number 35 is sponsored by the Sigma Delta Phi fraternity and will be driven by Gary Lawrence and Wally Lowe. It features a 175 cc Bridgestone engine. Painted purple and white, this tub is four feet long.

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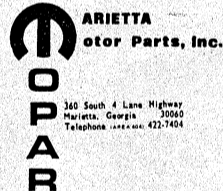
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Bathtub Racing Started Simple

The roar of the engines, the acrid smell of burning oil and gasoline, the quiet hurry of the mechanics, the loud murmur of the pre-race crowd milling about the pit area, and, on the track, the high-pitched whine of the finely tuned engine screaming its way through the curves in the final test before the big race. Across the track, the booming voice of the amplified announcer penetrates the air: "Drivers, report to the track officials. Fans, clear the pit area." Fans increase the tempo of their activities, jockeying to find the best spot on the track to watch the action. It's race time!

The scene is not that of the Monte Carlo Grand Prix but is, instead, the parking lot of Southern Technical Institute in Marietta, Georgia, where the most unique of all land races takes place — the annual bathtub race. These are not just common bathtubs on wheels, mind you, but finely tuned racing machines. The formula is simple: Take any cast iron bathtub four feet in length, mount it on a tubular frame, attach a 175 cc motorcycle engine, devise a steering system, and you're in business.

Of course, refinement of these basic requirements produces an Indy-type bathtub racer that negotiates the 1.1 mile track filled with hairpins, S-turns, straightaways, and gently banked turns at speeds in excess of 60 miles an hour. Nowhere in the world is there another race that can compare to this one.

New Sport

Bathtub racing is a relatively new sport at Southern Tech. It made its campus appearance about six years ago when two fraternities, using tubs mounted on wheels as a means of carrying beer, spontaneously began a race. Other clubs and fraternities soon picked up the idea and bathtub racing as an organized sport was born. The original tubs were pieced-together racers with little more than ropes to guide them and powered by the energy of unfortunate pledges. The track consisted of a series of man-made obstacles such as opened fire hydrants, mud puddles and water balloons. Despite its crude beginnings, the idea of bathtub racing took hold and grew. Soon, it underwent a rapid transformation.

Southern Tech, as it is popularly called, is a four-year technical college with a student body of nearly 2,000 young men who are studying engineering courses. The emphasis of the educational program is on the practical application of engineering theories to everyday problems.

Apply Learning

It was just a matter of time before the students began to apply lessons learned in the classrooms to the design and construction of bathtub racers. As the tubs became more complicated in design, they became much heavier — so heavy, in fact, that even the free (and willing) efforts of the pledges were not enough to keep the tubs

going over an extended distance.

At this stage, meetings between the students, faculty and administration of Southern Tech were held to formalize rules and regulations governing future races. What emerged from these meetings were rules limiting engine sizes, safety regulations, minimum tub size and a set of track rules modeled after those of the Can-Am races.

At the present time, there are no limitations placed on the amount of money any organization may spend on building a tub. Some tubs, like those of the

EET department, are powered by racks of batteries which push the cost of the tub up to as much as \$3,000. Others, like the one constructed by the Southern Tech Veterans Club, cost as little as \$250.

Price Moot

Price or cost of construction is no indicator of how well a tub will do on the track. The electric tub has never won a race while the Vets' tub has won two of the three races it has entered and placed fourth in the third. In addition to winning races, the Vets' tub has also taken a trophy

for being the most economical to operate. Failure to win does not dampen the competitive spirit of the students, and they scurry back to the drawing board to make new modifications that will assure victory next year.

Perhaps the key to winning a race is endurance. Some tubs are "built for show and not for go" as the students put it. Such tubs are admired but not respected. The scruffy tub that does not look so good but can finish the torturous 55 mile race is the tub that receives the respect of the campus.

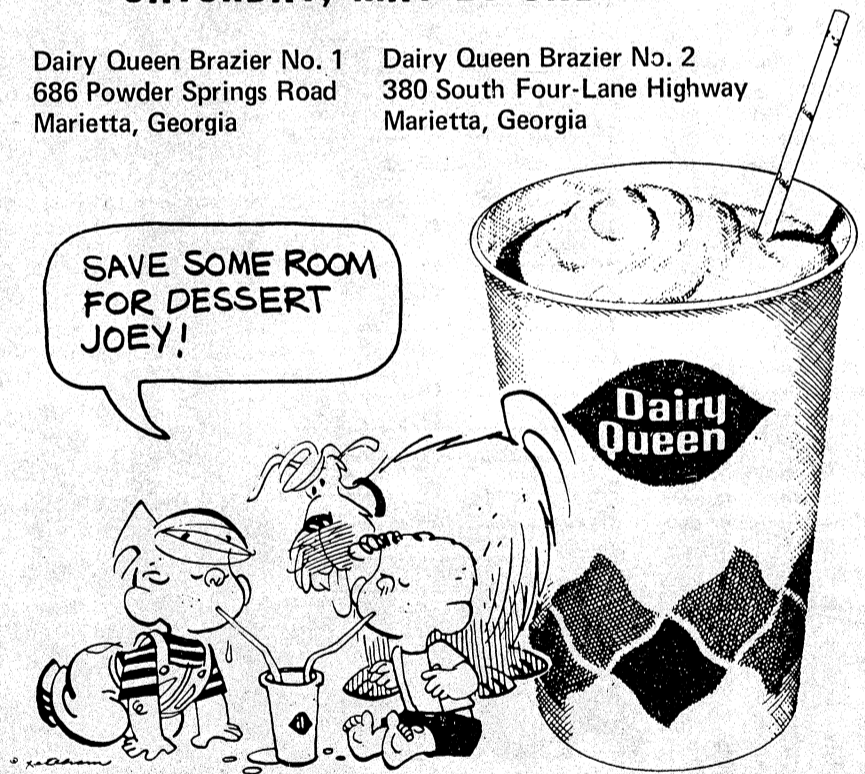


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