

# The Battalion

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College Station, Texas

Wednesday, August 26, 1970

Warm,  
cloudy,  
humid

Thursday and Friday—Partly cloudy mornings, cloudy afternoon, scattered thundershowers Friday afternoon. Southerly winds 10-15 mph. Low 74 degrees, high 98 degrees.

Weekend—Continued partly cloudy to cloudy, heavy rain showers Sunday afternoon. Southerly winds 10-20 mph.

Telephone 845-2226

## Aggies giving new AstroTurf good workout

Heading into the 1970 season opener against Wichita State—just two and a half weeks away—coach Gene Stallings and his footballers are giving the new AstroTurf playing fields a good workout.

Stallings wasn't too pleased with Tuesday night's workouts, the fourth in pads since two-a-days started last Thursday. "I don't think we improved much tonight," Stallings said.

The brightest spot was the return of Dave Elmendorf from an outstanding summer of baseball. Elmendorf took up his football gear after leaving the National Baseball Congress tournament in Wichita, Kans., Monday.

"It's good to get Elmendorf back," Stallings said. "He'll pick things up."

Elmendorf, who gained All-Southwest Conference honors at safety last year, spent his first day of workouts running at right halfback after a shoulder injury to Clifford Thomas which required surgery. Thomas will be out about two months.

Though not pleased with the general workout, Stallings was happy with the punting of senior Jimmy Sheffield. Sheffield was kicking the ball 40-45 yards with tremendous height.

Stallings has invited all area fans to an open house at 8 p.m. Sunday to visit with the varsity players and examine the AstroTurf and Tartan track.

## Band to hold open house

Open house will be held at the new Texas Aggie Band hall Sept. 12, date of Texas A&M's 1970 football opener at Kyle Field.

Brief ceremonies on the south steps of the new facility are scheduled for 10:30 a.m., announced Lt. Col. E. V. Adams, band director, and Texas Aggie Band Association president Homer A. Hunter of Dallas.

## 10-ton bugle stand moved to south end of dorm area

One of A&M's oldest memorials has been moved for the second time.

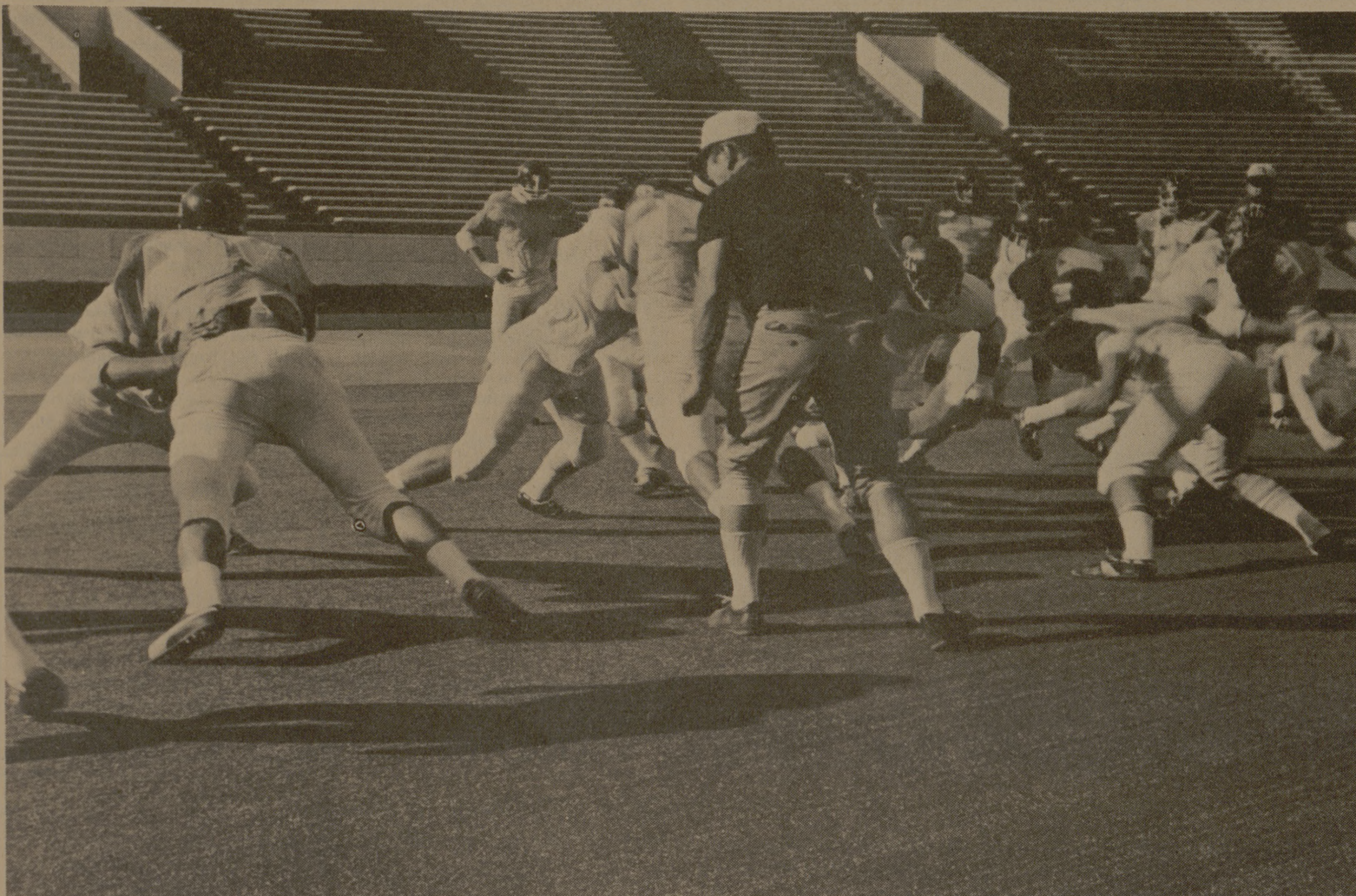
A 10-ton bugle stand memorial to a popular Aggie killed in 1935 has been moved from the north end of the Corps dorm area to the south end.

Landscape Architect Robert Rucker noted the bugle stand will be used more at the south end, where it replaces a small bugle stand apparently lost during construction activities this summer.

Rucker said contractors worked in the 12-dorm area most of the summer and removed the south bugle stand before digging a 40-foot ditch.

When workmen were ready to replace the stand they found it missing.

"We will probably find it in



Aggies show enthusiasm—Preparations for the Sept. 12 match against Wichita State are in full force as coach Dee Powell supervises the practice session of the defensive line as aggressive contact breaks in the new AstroTurf. (Photo by Frank Griffis)

## Researchers study possibility of using fly ash from industry

Local researchers, backed by industry, are studying the feasibility and profitability of utilizing fly ash, formed when lignite is burned for fuel in power generation.

Prof. Bob M. Galloway is working on such a project under sponsorship of Industrial Generating Co., Gifford-Hill & Co., Inc., and Alcoa.

The fly ash study coincides with construction of a new power plant near Fairfield in East Texas.

Construction of the plant, scheduled for commercial operation for the peak season of 1972, is being managed by Industrial Generating Co. as agent for the owners, Dallas Power & Light Company, Texas Electric Service Company and Texas Power & Light Company.

Most of the particulate matter will be removed from the plant stack emission by electrostatic precipitators, emphasized Galloway, a civil engineering professor.

While it will have avoided polluting the air, the professor noted, the firm will be left with a costly disposal problem if the fly ash is merely trucked off and dumped in a suitable manner.

Rather than wasting it, Galloway is working out formulas and manufacturing techniques to process the fly ash into lightweight aggregate.

Lightweight aggregate is being used to construct buildings more economically, the researcher pointed out. Houston's Shell Plaza, which will be the tallest structure in the Southwest, will be built with conventional lightweight aggregate.

Another excellent use for Galloway's fly ash concoction involves highway construction.

"This material has proved itself beyond question as a first-class skid resistant aggregate," the professor observed.

Nearly 4,000 miles of Texas highways containing similar aggregate are already in service. A hot-mix asphalt lightweight aggregate surfacing was installed by the Texas Highway Department on Interstate 35 in Austin following a series of multi-car skidding accidents. No such accidents have since been reported.

Galloway noted the material is lightweight because, when heated to a sufficiently high temperature to become semiplastic it swells like bread as gasses are formed within the pellets. It is taken out of the kiln in this swollen condition and "freezes" or hardens when it hits the cool outside air.

The bread-like air pockets account for the material's excellent skid-resistance, Galloway observed.

The professor began lightweight aggregate studies in 1961. His current fly ash research is an outgrowth of a project sponsored by Alcoa and TP&L at Alcoa's Rockdale plant.

So far, Galloway's laboratory work on fly ash indicates a strong possibility that utilization of fly ash for aggregate may be profitable.

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Numerical rosters of the varsity football players will be available, thus allowing visitors to pick out players with whom they'd like to visit.

The Aggies will play five games at Kyle Field this season, starting with the season opener against Wichita State at 7:30 p.m., Sept. 12.

Eight of the 11 games in 1970 will be on artificial turf. The three games on grass will be at LSU, Ohio State and Baylor.

## Cadet officers here for week of preparation

Cadet officers of the 1970-71 Corps of Cadets reported Saturday for a week of preparation for the fall semester start of classes.

More than 200 cadet leaders will be involved in the Commanders Conference and other activities announced Col. Jim H. McCoy, commandant.

Classes begin Aug. 31, two weeks ahead of the 1969-70 school year's first classes.

The commandant said the 1970-71 corps will consist of almost 3,000 cadets, more than 1,000 of

which will be freshmen.

Company and squadron officers and non-coms will be among the first back on campus, to check new students attending a two-day makeup conference into dorms. Freshmen who participated in new student conferences earlier during the summer report Wednesday, Aug. 26, and other upperclassmen begin arriving Aug. 28.

President A. R. Luedicke and Dean of Students James P. Hannigan addressed corps staff and unit commanders, executive officers, supply officers and first sergeants in a Monday conference.

Colonel McCoy and Col. Keith C. Hanna, professor of aerospace studies spoke at the assembly.

The commandant swore in Corps Commander Van H. Taylor of Temple, Deputy Commander Thomas C. Bain Jr. of Dallas and other unit commanders. Taylor then administered the oath to all other cadet officers.

A command in-briefing Monday afternoon set the stage for other activities during the week, which included a Monday evening commandant's reception.

Other activities during the week preceding classes include Army and Air Force military advisors' briefings, publications and supply issue, unit meetings and freshman uniform issue.

Cadet commanders also will attend a housemasters and resident hall advisors barbecue arranged by Student Affairs Director Don Stafford.

New student assemblies Wednesday and Thursday evenings will be conducted by Dean Hannigan. An assembly and open house of local churches will be conducted Thursday evening by the local clergy and the Memorial Student Center new student open house will be at 6 p.m. Friday, Aug. 28.

McCoy said organization of the corps will be completed on Saturday, Aug. 29.

## Luedicke greets incoming students

President A. R. Luedicke welcomed approximately 500 of the university's top freshmen Saturday prior to opening of the 17th annual Freshman Camp.

Luedicke presented his speech on the YMCA steps to the select group. Following his talk they left by bus for Lakeview Methodist Assembly near Palestine.

Cadets will serve as counselors and campers for the first time. Seventy-five of the campers are girls and 17 of 94 upperclassmen counselors are women students.

Camping activities continue through Tuesday.

YMCA Coordinator Logan E. Weston noted the freshmen must have a high school average of 85 or better, completed A&M's summer orientation program and the boy or girl must have competed in school sports or politics.

Twenty-three Texas A&M professors or Bryan-College Station ministers will present programs and panel discussions during the camp.

Weston said the purpose is to give the new student a better understanding of the university to aid in transition from high school and home to the university environment.

## Singing group set for term auditions

The Singing Cadets hold fall auditions in Room 119 of G. Rollie White Coliseum from Aug. 31 until Sept. 11, announced a spokesman for the group. Auditions should report between 2 and 4:30 p.m., the spokesman added.

The Singing Cadets begin their 76th year as the vocal instrument for Texas A&M. In the 10 years under the direction of Mr. Robert L. Boone, the Cadets have become nationally acclaimed through their appearances on the nationally televised Miss Teen Age America Pageant each fall and the popular Mike Douglas Show.

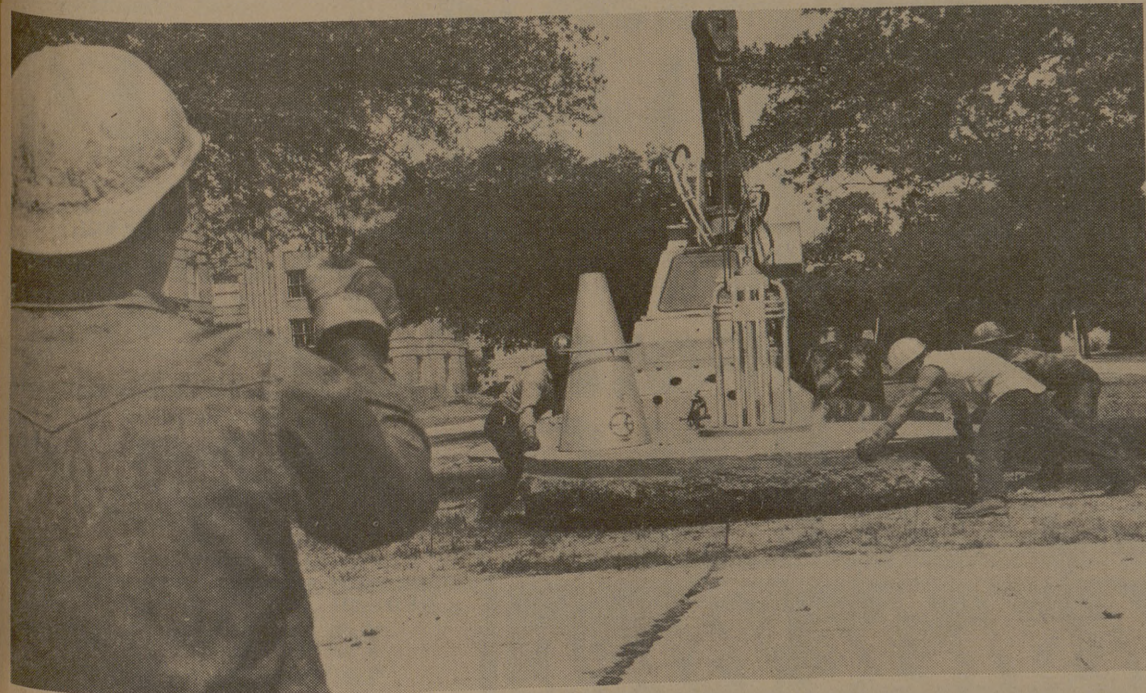
Invitations to perform have come from every major city in Texas. Shows have been presented from College Station to Beaumont to Galveston to Victoria to Corpus Christi to San Antonio to Midland to Odessa to El Paso to

Lubbock to Amarillo to Texarkana.

Programs already booked for the coming year include the Miss Teen Age America Pageant Dec. 5, two national conventions in Houston, and the annual performances in Houston's Jones Hall and San Antonio's Hall of The Performing Arts.

Members of the Singing Cadets come from almost every major area of study on the campus and include both civilians and members of the Corps of Cadets.

None of the members of the group in the past have planned to make singing their career, the spokesman noted. They participate because they enjoy singing, the fellowship, and doing something constructive for their university in way of public relations, the group's primary function.



Bugle stand moved



Fire at Engineering Center—Smoke veils most of the engineering center under construction during a Monday afternoon fire in the structure's basement. University officials said the blaze caused no injuries and little damage.