#### Unique Aircraft Being Developed

oncerning producing a vehicle for manned flights.

the corporation with a special as the helicopter," he said. ight-weight engine which is being installed in the test vehicle.

#### Keese Named TTI **Executive Officer**

Appointment of Charles J.

of an organization devoted to re- able helicopter." search in traffic engineering, transportation economics, highway transportation economics, highway design, soils and improved paving Media Fund

Dean Benson, who has been T.T.I. executive officer since July Established 1955, said Keese will also continue his duties as professor of civil

"We are looking forward to Mr. Keese continuing to make the same in announcing the appointment.

A 1941 civil engineering graduate of A&M, Keese served in Army oined the A&M civil engineering faculty in 1948.

Game, Fish Group Plans Fair Exhibit

The Agriculture Show at the 1962 State Fair of Texas will feature an extensive exhibit prepared by A&M in cooperation with the Texas Game and Fish Com-

Animals and plants of forest, plains, desert and seashore will take the spotlight in the show at the fair, Oct. 6 through 21 in

tures will illustrate the story.

A Houston firm is conducting re- | Hunter, speaking on some of the search at the A&M Research and principles of the aircraft, stated Development Annex for an Astro- that the lift has a capability which Kinetic Lift, an aircraft which is a totally new concept of aero-resembles a flying saucer. dymanics. "This new concept de-The Astro-Kinetic Corps, of vice, because of simplicity of de-Houston in conducting the tests, sign and low production cost comwhich may lead to future develop- pared with the rotary blade conments of the unique craft. Models | cept, will conceivably bring a third | of the ship are already in opera- dimension to commuter and pertion, with the phase of local work sonal transportation," he added.

Simple Operation He said the simple operation of Charles E. Hunter, vice presi- the lift will permit anyone to operlent of Astro-Kinetics, says the ate it with the same ease as driv-United States Naval Research and ing an automobile. "It has the same Development Bureau has provided maneuverability and load capacity

Corporation President W. Fremont Burger labeled the exisiting facilities available at the research annex and the reservoir of highly trained personnel and equipment available at A&M as the main reasons for the decision to locate in Bryan.

Burger referred to construction Jack) Keese as executive officer of the fiberglass lift as very simple of the Texas Transportation Insti- in comparison to the helicopter. "It te has been announced by Fred has no complex moving parts such Benson, Dean of Engineering as rotor heads," he reported, "and it is estimated that the initial con-As executive director of the struction cost of the lift will be search oceanographer. institute, Keese will be in charge less than half that of a compar-

## In Journalism

The receipt of a \$100 check for the Gulf. fine contributions that he has been making in his research program

the Department of Journalism's The biological research scientist named the diatom species "Chaetoand teaching duties," Benson said names of three new members of ceros galvestonensis" to designate the Journalism Advisory Council the location where they were were announced today.

ntelligence and attained the rank Staley McBrayer, publisher of the that take on many different of captain during World War II. Daily News-Texan of Arlington. forms," Collier said. "The Chaeto-After field engineer work with the The first check in the Media Schol-ceros galvestonensis are micro-Texas Highway Department he arship Plan was received earlier scopic in size-1.5 microns on the burg, publisher of the Amarillo the prevalvar axis. Globe-Times.

The new members of the Journalism Advisory Council are James dimension of a diatom is about Shannon, of Shreveport.

complete their education in jour-Guire, department head.

tion that wishes to participate sends \$100 and is enrolled in the program.

When a student is selected to receive this scholarship, he is listed as carrying a scholarship from The show will tell the complete | the contributor, who is sent progstory of Texas wildlife and game, ress reports. McGuire said that with the benefits of recreation | the donor is encouraged to nomiand the responsibilities of conser- nate a local student as recipient, and the student receiving the as-Live specimens along with col- sistance will be encouraged to inor photographs and moving pic- tern during one summer with the contributing firm, if possible.

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STATION W5AC ... Frank Stewart checks out transmitter

## Study Discovers

eral species and genera of the mi- he said.

Discover Unknown Types diatom types during experimental Collier. studies on filterable organisms isolated from surface waters of

found.

The check was received from Diatoms are one-cell plants this summer from S. B. Whitten- apical axis and three microns on

Diatoms Dimensions

In layman's terms, the overall A. Byron of Fort Worth; James F. half the size of a human red blood Chambers of Dallas and George cell, or about the size of the typhoid bacillus, he explained.

The Media Scholarship Plan will Oceanographic biologists and be used to encourage journalism other scientists see many possible students from high schools and areas of study evolving from the junior colleges to continue and discovery of the minute diatoms. The small size and consequent

nalism, according to Delbert Mc- high surface-to-volume ratio of these cells, plus their ability to A publisher, firm or organiza- multiply rapidly, have several im-

114 North Main

Discovery of several new species plications for the oceanographer. of very small diatoms—one-cell These factors might enable the plants of microscopic size—has diatoms to reproduce rapidly even been announced by a A&M re- under mineral nutrient concentrations, while their power of intense Albert Collier, director of A&M's utilization of nutrients might cause Marine Laboratory, said that sev- depletion of food for other sea life,

nute diatoms have been isolated The diatoms also may interest from Gulf of Mexico waters at chemical and physical oceanog-

"These cells might have effect He and his research associates on light scattering, sound scatter-

THE BATTALION

### W5AC Calls CQ, CQ... It's Radio Aggieland

By TOM HARROVER Battalion Staff Writer

"CQ, CQ, CQ. This is W5AC calling CQ 20. CQ 20, CQ 20. This is W5 Alpha Charlie calling CQ

Amateur radio station W5AC is owned and operated by Aggies. Sometimes referred to as "Radio

some—unknown to many. The station is operated by the girl by telephone." the many special activities pro-grams of the MSC Council and works." Directorate. The radio committee | Stewart explained that these wing of the Center.

distant cities," said club president a day. Frank Stewart, a graduate student from Dallas.

The club maintains a table with

Sent Through Networks

dio traffic networks. the last minute to go home for a messages for that city. He does weekend and wishes to notify his the same for each city or area for girl but can't afford a long dis- which he has a message and a listance telephone call," said Stewart, tening operator. his message would be transmitted ator has a message to be trans-

Center Radio Committee, one of message would be sent through tion

holds its meetings in the MSC and networks are the result of various its "shack" is located over the amateur radio clubs and associabowling alley in the southeast tions. The North Texas traffic network, for example, is handled "The main service our club gives by a specified operator each day. to the college is that of trans- The control duty passes from op- patch," said Stewart. "What we mitting messages for Aggies to erator to operator, changing once do in this case is contact a ham in

Stations Check In

It operates this way:

The controlling frequency signs radiogram blanks and instructions on the air at a given time and frefor filling out these blanks in the quency, identifies himself, and asks ing about patches, however," he connecting causeway just outside listening operators to "check in." said. "Sometimes we have somethe bowling alley. Also, a box for Each operator who is listening to one walk in and ask to talk to his the completed forms is located the network checks in by identify- girl in El Paso. He just doesn't location of his station.

The box is checked periodically The network control operator an El Paso operator immediately." for messages by club members. then announces the destination of discovered the heretofore unknown ing and heat absorption," said Messages are sorted according to that day's messages and asks lis- poor on simply sitting down and

then contacts the ham who signed "Suppose an Aggie decides at in for Dallas and gives him the

"If he lives in Dallas, for instance, Frequently, the network oper-Free Aggieland," the station and its services are well known to some—unknown to many.

through the North Texas Traffic Network to a Dallas ham, who would relay the message to the he asks the aid of those who have contacted him who are nearer the members of the Memorial Student "If he lived in California, his destination than the control sta-

In this way, a message may possibly be relayed through three, four, or even five radio operators before finally reaching its destina-

'Telephone Patch Service'

"Another service we offer, like the radiogram, is the "telephone the desired city and ask him to make a "patch" between his rig and telephone, and to dial the person to be contacted."

"There is some misunderstanding himself by call number and understand that we can't flip a few dials and switches, and locate

Stewart said the odds were very destination and urgency, and are tening operators with stations at contacting a ham in a desired city.

Welcome back men -"Mama" and "Lou" are glad to see you!

Make this our greatest year-it all depends on you.

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