



Students protest inaction on name-change

Cooper says moon is aim of program

Astronaut Col. Gordon Cooper, speaking at the Arnold Air Society banquet Friday said the next major objective of the space program is a lunar landing.

Col. Cooper, who was one of the seven Project Mercury astronauts named

by the National Aeronautics and Space Administration in 1959, told the history and the future of the space program. Project Mercury was started to see if men could exist in alien environments, Gemini, "the Cadillac version" of Mercury, enlarged a capacity for performing experiments.

AIMING HIS TALK at the future of officers in Arnold Air Society, Col. Cooper told of the expanding opportunities in the program. Over 200 officers were employed in both the Mercury and the Apollo projects. Not only astronauts, but engineers, scientists, training crews, contribute to the success of the projects.

"Regardless of how much training you've had," Cooper told the cadets, "you always feel like more training should have been done."

Cooper explained several of the problems involved in outer space work. To prepare the astronauts for work in space, flight simulators are set up underwater. The astronauts face many of the same gravity and maneuvering problems under water as they do in space.

After each space flight, simulators are improved to more closely resemble space conditions.

Cooper briefly explained the lunar landing project which will involve a three-man crew. One man will remain in orbit while two descend to the moon to spend 24 hours in study. By the third or fourth mission, this time will be lengthened to 36 to 48 hours.

Col. Cooper said that a great deal of training is required to become an astronaut. A minimum of two years of training is necessary before a man is even eligible for crew training. He must then train for six months to a year and a half before he is ready for a mission.

OUTLINING THE STEPS necessary to be accepted in the astronaut program, he said that flight training and experience were very important. A man should then graduate from a test-pilot school.

Col. Cooper received his B.S. in aeronautical engineering from the Air Force Institute of Technology. He piloted his "Faith 7" spacecraft in Project Mercury and was command pilot of the 8-day Gemini 5 mission.

At the banquet he was named as an honorary member of the Tech Arnold Air Society.

Annual Tech Day events set by 35 exes' chapters

Thirty-five Texas Tech ex-student chapters from coast to coast will observe the 13th annual Tech Day today.

Ex-Students Executive Director Wayne James said the observance would have special meaning for more than 8 alumni chapters in Texas, Nevada, Oklahoma, Arizona, California, New Mexico and Washington, D.C.

Athletic Director Polk Robison will address San Antonio exes today.

Exes in Las Vegas, Nev., have scheduled a meeting. Rex Tynes is the chapter president.

Lubbock exes will have a barbecue at Klapp Party House at 7 p.m.

TECH EXECUTIVE Vice President W. M. Pearce will speak to the Houston ex-students at their annual observance at Linkwood Park beginning at 5 p.m.

Lamesa area ex-students will meet at the Lamesa Country Club for golf, swimming and a picnic. Tech Assistant Coach Tom Wilson will be the speaker.

Oklahoma City exes will have a pic-



MORE WINGS IN THE FAMILY — Mrs. Gordon Cooper pins Angel Flight wings on daughter Cam, a Tech freshman, after her initiation into the women's auxiliary of the Air Force ROTC. Col. Cooper, speaker at the Arnold Air Society banquet Friday night, looks on as another member of the family gets Air Force wings.

In 12-day 'Hilltop' campaign

Marines secure last of hills

SAIGON (P) — U.S. Marines won their final objective Friday in the Battle of the Hilltops, a bloody, 12-day campaign that officers said foiled a Communist plan to wipe out the forward American command post at Khe Sanh.

Leathernecks secured the last of three key peaks—Hill 881 North—where North Vietnamese regulars had massed menacingly above Khe Sanh, seven miles from the Laotian border and 12 miles south of the demilitarized zone between North and South Vietnam.

Resistance by battered regiments of North Vietnam's 325th Division ebbed to a flurry of shots which wounded seven Marines. The Marines killed seven of the enemy in this final fire-fight. The occupation was completed at 2:33 p.m.

WITH THE enemy cleared from the field, there was speculation the survivors had pulled back into Communist-controlled eastern Laos via an elab-

Canadians oppose war

REGINA, Sask. (AP) — Forty-seven faculty members at the University of Saskatchewan Regina camps signed a petition this week urging Canada to support United Nations proposals on Vietnam and end arm shipments to the United States. A similar petition had been signed by 172 faculty members at the university's Saskatoon campus.

nic at Overholser Park.

Arizona exes will gather at the Pine Cone Inn in Prescott, Ariz., with Jerry Jackson chairman.

THE TECH-ARKANSAS football film will be the highlight of a meeting of the East Texas Tech exes in Tyler at Bell's Lake House on Hitts Lake.

Exes in the Washington, D.C., area are planning a buffet dinner at the Sheraton-Silver Spring Motor Inn. Jim Tom Casey is the chairman for arrangements.

California Bay Area exes will have a picnic at the Golden Gate Park today.

Fort Worth exes will meet at the Green Oaks Inn. Tentative speaker is former Attorney General Waggoner Carr.

A special meeting for Tech exes will be headed by Porter Parris in Chicago at the Hilton Hotel.

Last year Tech Day was also observed in Vietnam.

borate, log-covered system of bunkers found to stretch between the frontier and the hills—861, 881 South and 881 North.

The cost was high — 160 Marines dead and 745 wounded.

Against this toll, the Marines counted 577 enemy dead and estimated 610 others were killed by their fire and the blasting of American jet planes and artillery.

Rounding out the military picture were sporadic skirmishes in other parts of the country and strikes by U.S. jet squadrons at Communist targets on both sides of the border.

RADIO HANOI said there was a heavy attack on Hanoi and its vicinity and that the North Vietnamese shot down seven planes. It reported several pilots were captured.

Independent confirmation was lacking and there was no immediate comment by American authorities in Saigon.

Although the Marines finally had taken the high ground in the area of Khe Sanh, the outlook was for more bitter fighting along the demilitarized zone.

Gen. William C. Westmoreland, commander of American forces in Vietnam, visited the scene and said: "I don't

think the battle is necessarily over.

"BUT THE ENEMY has been set back and has suffered tremendous casualties," he said. "The Marines hit them before they had a chance to prepare the area."

Intelligence reports indicated that the 18th, 95th and 101st regiments of the 325 Division had been planning the blow at Khe Sanh, a town of 1,000. Military holdings in the vicinity include a U.S. Marine airstrip and a U.S. Army Special Forces camp. Twenty-eight men were killed in a Communist raid on the latter installation Thursday.

The numerical names for the hills comes from their height in meters. The twin 881 hills, for instance, rise more than half a mile above sea level.

Architect books given in memory of Duran

A picture on Thursday's University Daily front page erroneously identified a past sponsor of the Tech student chapter of the American Institute of Architects. The name should have been Richard Duran, in whose memory many books have recently been donated to the architecture library.

Second rally planned during Exes meeting

By LARRY ADKINS Staff Writer

Approximately 300 students and several faculty members protested inaction on the proposed name-change Friday by marching around the Ad Building and rallying at the Double T bench.

The group, which gathered about 1:05 p.m., chanted "We want a name change" and "we want action—now" during the demonstration and march.

The sometimes-unruly crowd made tentative plans for another demonstration at 1 p.m. today at the same place, apparently to coincide with an Ex-Students Association meeting scheduled in Tech Union today.

Numerous signs criticizing the Board-appointed name-change committee and its decision to table making a recommendation this spring appeared, such as "A Committee That Works, Not Shirks," "Ten Years Is Too Long — Don't Put Off Tomorrow What You Can Do Today," and "Write Your Legislator."

DR. S. M. KENNEDY, vice president for academic affairs, spoke as students appeared to be carrying the rally into the Ad Building. Tech President Grover E. Murray was ill Friday and was not in his office.

Kennedy assured the crowd that some action would be taken, but said there is not enough time left in this legislative session for a decision on a new name which would become effective this year.

Students replied: "How much time? Ten or 20 years?" "They're (the committee) making studies? What kind of studies?"

One student shouted, "Try to get a job with a degree from 'Texas Tech'." Another answered: "Try to get one without it."

STUDENT ASSOCIATION President-elect Max Blakney, speaking to the crowd, said the committee should work on a majority, and not a unanimous vote. He said he believed students were now at the point where they wanted the name changed more than they wanted any specific name.

"The issue seems to be in the hands of the Board. They could act this month if they only will do it."

Student Scott McNutt told participants, "We don't know what the situation is. We should write letters to people on the committee . . . we must show them someone will raise Cain if the name isn't changed."

Student Sen. Jim Hayter said the group should "start something . . . and start it now." He circulated a petition among rally participants requesting that "some action be taken on the name-change."

Kennedy, several times drowned out by shouting students, said the name-change question is as old as the institution itself. "We know we're in complete agreement as to this being a

university . . . but what words preceded university are yet to be decided.

"THE PRESENT procedure (of student, faculty and ex-student representatives all on the same committee) seems to be the most effective route. I believe they will continue to study the problem and come up with a reasonable solution."

He said action on a question such as the name-change requires considerable thought and time.

Supreme Court Justice David Beckman said he thought some action should be taken after 10 years' deliberations, and called for "definite but orderly" student participation in another rally today designed to coincide with an Ex-Students Association meeting.

After the crowd dispersed, several of the leading figures of the demonstration remained to talk to newsmen.

"I for one don't want to get kicked out of school, and am not a leader, just a participant," said one. "We don't want to embarrass the school, but we do feel a new name is needed—now."

Traffic Security Chief Bill Daniels, present at the demonstration, termed it "very orderly." "Nothing out of line was done," he said.

Wallace named to consultative panel

Dr. Morris S. Wallace, head of the department of education and director of Teacher Education and Certification, has been appointed to the National Consultative Panel recently established by the American Association of College for Teacher Education.

The 50-member panel, composed of representatives from public, private, parochial and municipal institutions, will comprise a consultative service for the 1,900 member-schools in the association, Dr. Wallace said.

Dr. Wallace recently was cited by AACTE for six years of distinguished service to teacher education both nationally and internationally as a member of the Advisory Council to the Executive Committee and to the International Education Commission to Pakistan in 1964.



Demonstration keeps name-change issue alive

... with signs, petitions

Koh awarded patent for steel treatment

The United States government has awarded a Tech professor a patent for developing a process for the production of low-carbon electrical sheet steel.

Dr. P. K. Koh, relatively new to the School of Engineering faculty, discovered this method while working as a senior research engineer for Bethlehem Steel.

HE WAS searching for a way to decrease the cost of producing this type of steel while maintaining its previous quality. The process involves a dual temperature, dual atmosphere decarburizing and annealing treatment.

Low silicon sheet steel is decarburized at a relatively low temperature in a wet atmosphere and then is immediately annealed at a higher temperature in a dry atmosphere. The intermediate cooling to room temperature is omitted.

A FINE-grained low-silicon, low-carbon sheet steel is the result. It has, as Dr. Koh wanted, properties that are equal to, or better than, those of higher silicon sheet steels.

Koh is planning to attempt further development of the new method, by beginning a "close industrial-university" program.

The Shanghai-born professor began teaching at Tech last fall.

He was associated, industrially, with Allegheny-Ludlum Steel Company and Standard Oil Company (Indiana) and his educational background consists of a baccalaureate degree from Chiao-Tung University in China.

HE CAME to the United States on a fellowship from the Chinese government and received his doctor of science degree from Massachusetts Institute of Technology.

Before coming to Tech, he taught at Stevens Institute of Technology, the University of Pittsburgh, and Illinois Institute of Technology.

Repertory company names summer staff

Staff positions for the University Theater's Summer Repertory Company have been announced by Clifford Ashby, head of the summer project.

Fred March will assume the duties of technical director; Ramona Peebles, business manager; Janet Crowe, costume designer; Cheri Brownlee, property mistress; and James Gibson, shop foreman.

This staff, together with the three directors and a company yet to be chosen by open try-outs, will present a bill of three plays in repertory July 5-16 in the University Theater.

Composing the bill for this unique "first" for the Tech campus and the Lubbock area will be "Blithe Spirit" directed by Larry Randolph, "A Taste of Honey" directed by

Dr. Ashby, and "Spoon River" directed by June Bearden.

March, a graduate student in the speech department and soon to join the theatre staff of Southwest Texas State College in San Marcos, is designing a special arena theatre to be constructed on the stage of the University Theater for use by the summer productions.

"This will provide a comfortable 200-seat auditorium and bring the audience into close contact with the plays and the players," March said.

Tryouts for the company will be held in the University Theater May 18-20. Anyone enrolled in the first summer session at Tech may audition.

"This promises to be an exciting project," Dr. Ashby said, "and will fill the summer entertainment needs of Tech students and the whole area."



MONMOUTH DUEL—Randy Hill (far right) is really pulling for Delta Tau Delta in the Monmouth Duel Fraternity Olympics to be held tomorrow at 1:30 p.m. in front of Drane Hall. Giving Randy a little competi-

Clure, Dianne Montgomery, and Johnny Clure are (from left) Ellen Barton, Mac McWalker. The annual event is sponsored jointly by Kappa Kappa Gamma and Pi Beta Phi sororities.

Roe to be honored by Alpha Phi Omega

Lubbock and Tech dignitaries will pay tribute Wednesday to the Hon. H. Roe Bartle, humanitarian, Rotarian, and past mayor of Kansas City, Mo., with the members of the Tech Beta Sigma chapter of Alpha Phi Omega.

In a special banquet sponsored by the chapter, Bartle will be honored by Lubbock Mayor W.D. (Dub) Rogers Jr., James G. Allen, Tech dean of student life; Lewis N. Jones, dean of men; members of the Rotary Club, South Plains (Boy) Scout Council, and Tech student government.

BARTLE served as the second national president of Alpha Phi Omega (1931-1946) and secured an endorsement of the fraternity from the National Council of the Boy Scouts of America. The chapter works closely with Scouting and maintains a scout troop for the mentally and physically handicapped children of Lubbock.

The fraternity increased its chapters from 18 to 109, during Bartle's presidency, which Dean Jones has called "an impressive amount of growth for the war years." The fraternity has now grown to over 400 chartered chapters with more than 100,000 college men affiliated since the fraternity was founded at Lafayette College, Easton Pa., in 1925.

BARTLE, an impressive and dynamic man weighing approximately 350 pounds, is expected to land at Lubbock Municipal Airport Wednesday afternoon. As an orator, Dean Jones has compared him in the same category with William Jennings Bryan, Clarence Darrow, and Daniel Webster.

The chapter will provide a hydraulic lift to lower the humanitarian from the airplane since he is no longer able to climb or descend stairs. An honor guard of Eagle Scouts will salute Bartle at the airport.

Astronaut guest for AF Ball

Col. Gordon Cooper, U.S. astronaut, will be a special guest Saturday night at Tech's Air Force ROTC Ball.

Cooper is here to speak at the Arnold Air Society Banquet tonight, and to visit his daughter, Cam Cooper, who is being initiated into the Angel Flight.

The annual ROTC Ball has been planned, in secret, by the Junior ROTC cadets and is being given in honor of the graduating seniors.

THE 1967-68 Miss Topflight will be announced at the ball and presented with a dozen red roses by Col. Henry L. Gantz. Miss Topflight candidates are Donna Johnstone, Albuquerque; Mollie Marcum, Harlingen; Gail Hawyes, San Antonio; Chris Adrian, Lubbock; Diane King, Brady; and Dorothy Dove, San Antonio.

Special guests in addition to Col. Cooper will be Col. George Hall, retired; Col. B. W. Padden, Army ROTC director; Dean James G. Allen, dean of student life; and Dean Floyd Boze, registrar. All academic deans are also invited.

THE TECH Stageband will provide music for the ball, which will begin at 8 p.m. in the Tech Union Ballroom.



OUTSTANDING ENGINEERS — Outstanding Texas Tech engineering graduates were honored at the first annual Distinguished Engineer Awards Luncheon Friday. Receiving this year's distinguished engineering awards were (from left to right) William W. Akers, Byron J. Bennett, Charles H. Feltz and H. Elliott Knox.

Outstanding graduates honored at luncheon

Four outstanding graduates of the School of Engineering received citations honoring them as "distinguished engineers" at the first annual Distinguished Engineer Awards Luncheon Friday.

The awards were presented to William W. Akers, Chemical Engineer and 1943 graduate, Byron J. Bennett, Electrical Engineer and 1943 graduate, Charles H. Feltz, Mechanical Engineer and 1940 graduate and H. Elliott Knox, Textile Engineer and 1935 graduate.

THE INVOCATION was given by Dr. S. M. Kennedy, vice president for Academic Affairs.

Guests were introduced by Dr. J. R. Bradford, dean of Engineering.

PRESENTING the awards were Dr. Arnold J. Gully, Chemical Engineering, Dr. Russell H. Seacat, Electrical

Engineering, Mr. Louis J. Powers, Mechanical Engineering and Dr. M. Earl Heard, Textile Engineering.

Akers, a professor of Chemical Engineering and director of the Biomedical Laboratory at Rice University, was honored for his research in cryogenics, chemistry, metallurgy, water pollution and heat transfer.

HE IS ALSO a member of the Council and of the Board of Directors of the Oak Ridge Institute of Nuclear Studies.

Bennett, dean of the College of Engineering of Montana State University, was instrumental in the development of the first computerized check handling system in the United States and accomplishments in the fields of data processing and automated machinery development.

FELTZ, project engineer on the X-15, was honored for his contributions to aircraft in World War II and for his association with the Apollo Program.

Knox, now mayor of New Braunfels, was recognized for his contributions to the state's textile industry and for his various civic accomplishments.

THE AWARDEES were presented a citation and an inscribed desk set in remembrance of the occasion.

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SOAP FIGHT

Sigma Chi and Zeta Tau Alpha will have its annual soap fight Sunday at 3 p.m. on the field south of the Music Building.

The fight will feature various forms of combat between the two Greek clubs with soap suds as their artillery.

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