Central African Aggie **Tops Electronics Class**

A 20-year-old Central African is leading his class in a course of

Chimbwana Madise of Malawi electrical engineering, but his scholastic credentials arrived too more international students. late for him to enroll in the uni-Science and he currently tops his this spring. 26-man class.

"Bill, as the students call him, tion at a Malawi airport when student at Texas A&M University is an excellent student," notes L. K. Jonas, the institute's chief study he never intended to take. instructor. He is the first foreigner to participate in the threecame to A&M this fall to study year-old institute and his success is inspiring a program to involve

MADISE STILL has his sights versity's regular curriculum. At set on a career in telecommunithe suggestion of school officials, cations, however, and has been he took an entrance examination assured admission into A&M's for A&M's Institute of Electronic electrical engineering department different.

"I will direct aircraft naviga-

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I complete four years' work here," Madise remarked. His studies at A&M are sponsored by the Agency for International Development (AID).

The personable African studied English in Washington for a month before coming to A&M. He had previously taken M years of school but found the American accent and vocabulary a little

MADISE IS fast becoming Americaniszed. "That boy was shy when he came," recalls instructor James McCollum, "but he has adjusted quickly. He can take kidding and dish it out with the best of them."

McCollum said the slender youngster wtih a big smile knew nothing about slide-rule solutions to electronic problems when he started the course.

"Now he's a whiz. He's taking advanced electronic theory, drafting. electronics math. industrial relations, technical report writing and advanced shop," McCollum added. "I wish I had 50 students like him."

"Bill" likes the heavy class schedule and dormitory life during the week, but he yearns for

dents, he will participate in a cludes visits to a city council, Disneyland, movie studios and the beach.

The son of a Zambia airport fireman, Madise says his favorite American dish is pie. "Just pie of any kind," he grinned. "We have no pie in Malawi. Spaghetti and hamburgers are on my leftno good," he quipped.

Blue jeans are a favorite with Madise, who has seen cowboys only at the King Ranch during a Thanksgiving visit to Corpus Christi.

"There's one thing I would like to see, yet am afraid to see," he confided. "It's snow. I've never seen it. It's so sold. I nearly froze to death last weekend."

NDEA Institute **To Be Held Here** Starting In July

An NDEA Summer Institute for Industrial Arts Teachers will be held at Texas A&M University July 3 to Aug. 31, announced Dr. Chris' H. Groneman, Industrial Eduction Department head.

Supported by a \$45,622 grant under Title XI of the National Defense Education Act, the insti-



FLOOD OF MAIL BEGINS

A Chicago post office employe watches as a flood of mail comes down a conveyor belt to a bin as the flow of Christmas mail begins with a peak expected Dec. 16-19. The Chicago post office handles an average of 21 million pieces of mail of all kinds daily. (AP Wirephoto)

THE BATTALION Page 4 College Station, Texas Wednesday, December 14, 196

Interviewing Companies' Complaint Regards Many Jobs, Few Students

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Three-hundred-eleven compan- make the military a career, ies have interviewed Texas A&M students for career employment opportunities with the only complaint being that there are not enough people to interview.

Mrs. Gladys Bishop, Placement Office secretary, attributed this largely to the fact that many people are planning to fulfill their military obligation immediately upon graduation. She said that many firms will hire people for short periods of time, regardless of their military obligations.

In urging these people to register for interviews, Mrs. Bishop resume in the spring seme explained the advantage of meet- on Feb. 13, and will be complete ing interviewers in one's particu- sometime near the middle lar field. Unless he plans to April.

Mrs. Bishop continued. Dr. W.D. Harris of the Chemical Engineer ing Department reported the people with low grade point tios, as well as others, have bee getting job offers. Salary offer are running about \$25 a mo

needs to have contacts to fall

back on when he becomes a civil.

Those people who have inter.

viewed have apparently done well,

higher than last year. Interviews for this sem have been completed. They will



TOP ELECTRONICS STUDENT

Chimbwana Madise of Malawi, Africa, currently tops his 26-man class at Texas A&M's Institute of Electronic Science. "Bill", as his classmates call him, says Chimbwana means friend. He's the first foreign student in the 3-year history of the institute.

Russ Naval Power Rated Second Now

By THOMAS A. REEDY LONDON (AP) --- The Soviet Union has moved up behind the United States as the world's second naval power and is pressing Japan for merchant marine leadership.

These conclusions are reached by Jane's Fighting Ships, the accepted authority on maritime affairs, in its report for 1966-67. Facts collected by the 69-year-

old organization show that while the Soviet Union has no aircraft carriers, it outstrips the United States in conventional submarines. The U.S.S.R. lags in nuclearpowered submarines, however.

AMERICAN NAVAL power is there for all to see because of the war in Vietnam, said Jane's,

strength at 40 nuclear-powered submarines, 340 conventional submarines, 20 cruisers, 110 destroyers, 100 escorts, 300 coastal escorts, 300 minesweepers, 100 missile patrol boats, 350 motor torpedo boats, and 200 landing craft.

Auxilaries and other surface craft, often disguised as part of the merchant fleet, run into the thousands.

The United States is aiming for an entirely nuclear-powered fleet by the 1970s, and meantime has a force of 3,400 units.

THESE INCLUDE four battleships in commission, 60 carriers or types that can be so used, 207 submarines, 38 heavy and light cruisers, 670 destroyers or escorts, 220 mine-laying and minesweeping vessels plus hundreds of service boats that include highspeed "mosquitoes" now in use off the shore of Vietnam.

while the Soviet Union is "blatantly flaunting its numerical and intrinsic fleet strength."

"Wherever there is navigable water, the Soviet navy has warships or paramilitary ships," said Jane's.

A 20-year-program by the Soviet Union, now has culminated in "matching submarines, cruisers. destroyers. escorts. support ships, minesweepers, guided missile patrols boats, oilers, store carries and electronic surveillance scouts, usually fishing trawlers, with anything that the other major naval powers can produce."

JANE'S ESTIMATED Soviet



Both the Americans and the Soviet Union are making prodigious efforts in the nuclear submarine field. The United States has 70 completed, or about to be commissioned, with a target of 103 by 1971. The U.S.S.R. is reported to have 30 submarines building, both nuclear and conventional.

THE AMERICAN plan for more nuclear-powered aircraft carriers envisages a "force of first-line aircraft carriers right up to the end of the century," Jane's reported. It said the United States plans a striking force of 15 gaint carriers capable of carrying on almost indefinitely. Britain's third-ranking fleet listed three large aircraft carriers, two lightweight carriers and two escort carriers to deal with helicopter and other small aircraft, three nuclear submarines, 42 conventionally powered submarines, five cruisers, six frigates, 16 destroyers, 65 destroyer escort, 82 minesweepers, 17 patrol craft, 14 landing ships and craft and almost 300 auxiliaries.

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Loupot's

tute will provide six weeks intensive instruction for 25 teachers, supervisors and teacher educators from over the nation.

"The institute is one of 29 throughout the 50 states, and the only one in the Southwest," noted Dr. Groneman.

Dr. Clint A. Bertrand directs the institute on new scientific engineering influneces on industrial arts education. Dr. James Boone is associate director. Dr. Leslie Hawkins will coordinate instruction of a staff including Donald R. Drew of civil engineering, James M. Nash, industrial engineering; Dr. John D. Randall, Nuclear Science Center director, oceanography faculty member and constultants.

Theoretical instruction, lab activity and field trips will be interdisciplinary, indicated Dr. Bertrand, covering data processing, nuclear and laser technology, oceanography and industrial materials and processes. Weekly field triips to Gulf Coast and Dallas-Forth Worth areas are scheduled.

"The institute will provide technical instruction for industrial arts teachers to keep their programs up to date with advancing technology," the director said.

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