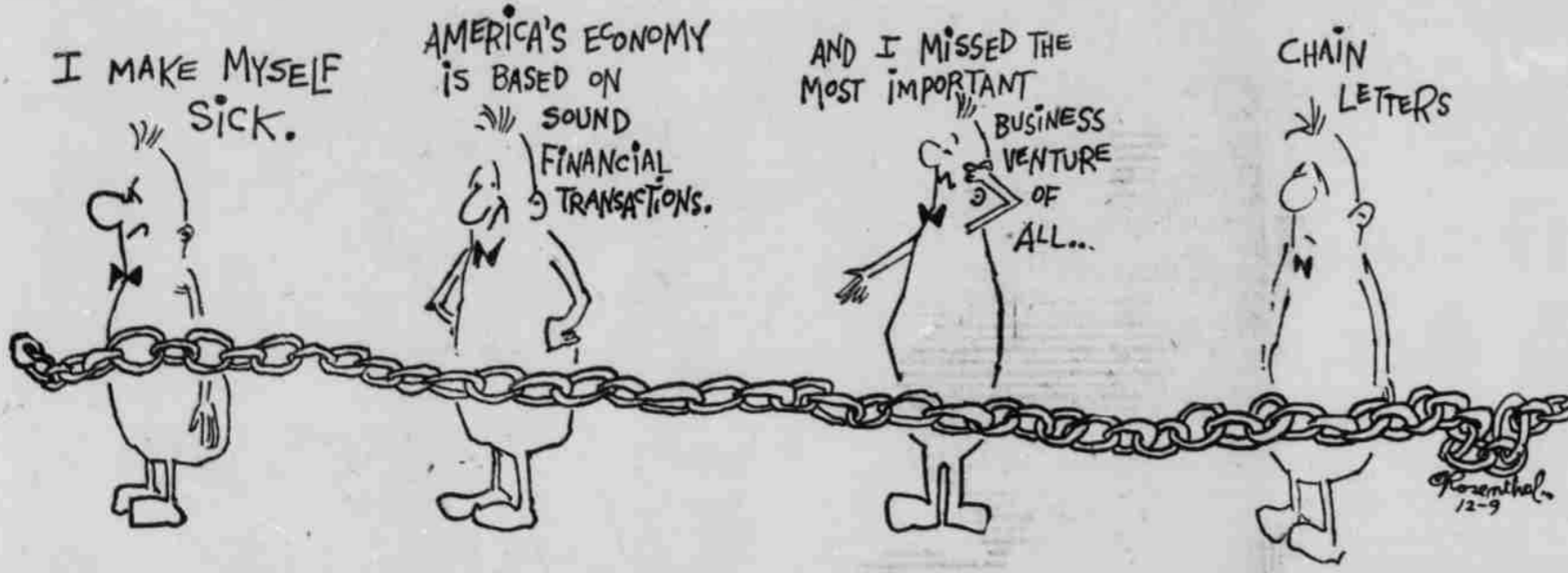


I can hear myself think . . .



'Automatic Tractor' Saves Time, Labor For Farmer

By Marv McNeil
Ag News Editor

Automation may soon be a part of Nebraska farmers' plans if the robot tractor being developed by Prof. J. D. Pichon of the University's department of Ag Engineering lives up to expectations.

The machine has been used on a trial basis since 1960, says Pichon, and uses the magnetic field properties of a buried electrical wire to guide and control itself.

used for high speed travel on highways, such as the Interstate system, by burying a guidance wire in the pavement and using an automobile auto-pilot.

Pichon said the Radio Corporation of America had developed such a system, and tested it south of Lincoln on U.S. 77, in 1960 where the wire is still buried. At the time Nebraska was the only state which had shown interest in such a method of traffic guidance.

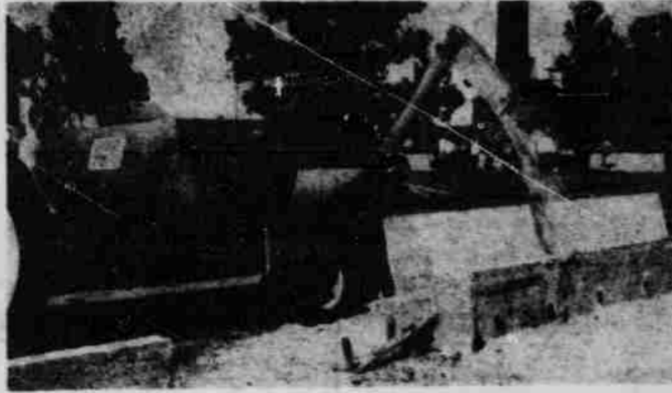


Photo by Nebraska Farmer

UNLOADS AUTOMATICALLY—J. D. Pichon's robot tractor unloads cattle feed by itself at the College of Agriculture.

ing, routine labor on his part.

Tractors operated with this system could work all day, starting out with the farmer and stopping when he does, without any human attention.

The over-all goal of all agricultural research is the discovery of ways to cut food and fiber production costs, according to Pichon, and these savings can be passed on to all consumers as a result.

People have wondered how

accurate the control mechanism is over a period of time, Pichon stated, but at a recent demonstration it proved to be free from "drift", operating in an oval pattern over 150 times without seeming to make more than one trip on the dirt track.

"The best thing about the tractor is that it doesn't have to eat, sleep, or go to church, but can always be doing something productive," Pichon added.

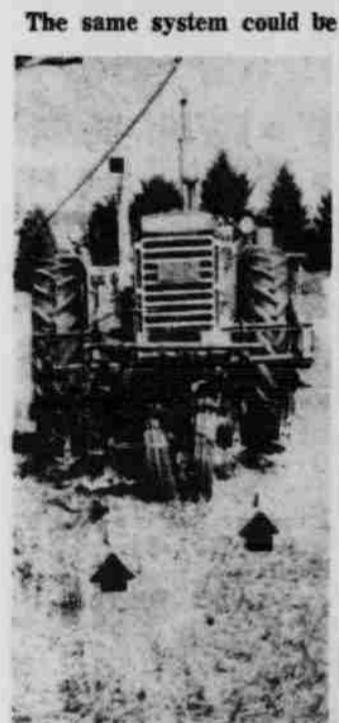


Photo by Nebraska Farmer
ALL BY ITSELF—The University's Ag College robot tractor approaches feed bunk with no one driving.

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Philosophy Professor To Speak in Sheldon

Dr. Robert Hurlbutt, associate professor of philosophy at the University, will speak on the subject of "What Is Good About American Art," at 8 p.m. tomorrow at the Sheldon Memorial Art Gallery.

Dr. Hurlbutt came to the University in 1962 to teach logic, philosophy of history and esthetics.

Dr. Hurlbutt's lecture is the last in a series on Art in the American West in connection with the exhibition of the Bodmer-Miller collection.

Ag Conference Cites New Job Opportunities

"Business and industry have suddenly 'discovered' the graduate in agriculture, and the agriculture graduate has opened his eyes . . . and decided to examine a broader spectrum of opportunities before making a job choice."

Thus spoke Dr. Keith N. McFarland, director of resident instruction and assistant dean, University of Minnesota Institute of Agriculture, the featured speaker at the General Assembly of the Professional Opportunities Conference at the College of Agriculture and Home Economics.

Dr. McFarland gave a talk on how the student should prepare himself as an individual for job opportunities. He stated that one should be verbally competent and have a good academic record in order to "sell" himself to an employer. He also advised part-time or summer work experiences in one's area of professional interest to gain valuable experience in the field.

Dr. Beatrice Paolucci, Professor Home Management and Child Development, College of Home Economics, Michigan State University

was the featured speaker at the Home Economics Careers session. She spoke on the vast job opportunities in the rapidly growing field of home economics and related areas.

Representatives from the 24 related areas provided the students with new information in their field and gave the students the opportunity to ask questions about the area. Some of the representatives were also college graduate recruiters for their companies and informed the students of the qualities and education desired in perspective employees.

The representatives pointed out that salesmanship was an important factor in getting along with other people and that they are seeking people who can gain the respect and confidence of the people with whom they work. They advised the student to get as broad an education as possible.

Professor Charles Adams, animal science department, was the faculty advisor for the event and Dr. Franklin Eldridge introduced the speakers.

Military Group Holds Organizational Smoker

The national honorary and professional military fraternity of Phalanx is pledging new members for the 1963-64 school year and will hold an organizational smoker in the Student Union conference room at 7 p.m. Thursday.

Headed by Cadet Commander Richard Klabunde, the group stresses a new social and professional calendar of events which parallels the purpose of the organization which is to increase interest in the military.

The organization is open to all advance ROTC cadets from all services.

Phalanx will sponsor its annual Nebraska drill competition April 9, 1964.

CLASSIFIED ADS

ROOMS:
Reserve your rooms for next semester at Trenton House, 211 North 12th, phone 432-9852.

PERSONAL:
University Flying Club meeting, Wednesday, 7:30 p.m. in North Party Room of the Student Union.

HELP WANTED
EUROPEAN JOBS—TRAVEL GRANTS for 25 students. Liasuading, office work, etc. For prospectus, application send \$1; Dept. C, ASIS, 22 Avenue de la Liberte, Luxembourg City, Grand Duchy of Luxembourg.

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Campus Calendar

TODAY
NHRF Research Group will meet in 241 Student Union at 12:00.
PANHELLENIC will meet in 332 Student Union at 4:00.
PEOPLE TO PEOPLE Students Abroad will meet in 346 Student Union at 4:00.
TASSELS will meet in 232 Student Union at 5:00.
TOMORROW
PRE-VETS CLUB meeting in 203 Veterinary Science Building at 7:30 p.m.
PEOPLE TO PEOPLE, Hospitality Committee in 332 Student Union at 4:00.

Assassination Set As History Topic

The assassination of President Kennedy and its aftermath will be discussed at the history club meeting Tuesday at 7:30 p.m. in 240 Student Union.

Speakers will be Dr. David Trask, associate professor of history; Dr. James Reinhardt, former criminologist at the University; Dr. Carl Schneider, chairman of the political science department; and Dr. Charles Kennedy, professor of economics.



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NU To Host Institute On Safety Problems

One of the most cooperative and comprehensive institutes on accident prevention ever held in Nebraska will get underway at the University tomorrow.

Unlike previous institutes held to deal with safety problems in specific areas such as home, farm, industry and transportation, all aspects of public safety will be discussed. Also included will be discussions on water recreation, firearms and utilities.

Robert Florell, coordinator of the first state-wide Accident Prevention Institute at the Nebraska Center, said 68 Nebraskans concerned with safety are serving on the planning committee.

Representatives taking part in the meetings include those from the Red Cross, Farm Bureau Federation, Farmers Union, Grange, Chambers of Commerce, the Lincoln fire department, schools, health departments, home extension clubs, the Nebraska Safety Council, departments of health, labor, the Nebraska Game Commission, the Safety Patrol, the Omaha Safety Council and optometrists' associations.

The agenda:
Tuesday—8 a.m., registration followed by an address

from Governor Frank Morrison; 9:30 a.m., keynote address by Dr. Irmagene N. Holloway, U.S. Public Health Service; 10:45 a.m., section meetings.

Flying Club Buys Plane

The University Flying Club recently purchased its third plane. The plane, a Piper Cherokee 180, was purchased from Lincoln Aviation for \$12,500 and will be completely paid for within four years.

The Cherokee is a four passenger plane and will be used for long distance flights. The club's other two planes are a two passenger Piper Colt, used for flight training, and a four passenger Piper Tri-Piper, also used for distance flights.

Club President Tom Allington, invited all interested persons to attend the next meeting, which will be held Wednesday at 7:30 p.m. Membership in the Flying Club is \$50 and this is a life membership. Club members receive special rates when renting planes and also when working for their license. Allington said, "Many of our members go on to make a career in the field of aviation."



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