first 52,800



MARY LEE TREECE

Miss Treece, a 19-year-old nursing major, attends T.W.U.'s Dallas Nursing Center. The Mesquite sophomore enjoys dancing and dating. She dates an Aggie fish. (Battalion

# 'Ag-Gem' Subject

THE AG-GEM is slow (speeds

up to about 45 miles per hour) in

covering a given amount of

ground compared to airplanes, the

speaker said. On the other hand,

it saves a little time by not hav-

ing to travel beyond the field for

**Civil Engineering** 

To Hold Seminar

On Wood Design

A seminar on "Designing with

The program, sponsored by the

Wood" for engineering students

and practicing engineers will be

Civil Engineering Department

and School of Architecture, will

be from 2 to 4 p.m. in the archi-

tecture lecture room, according

to Dr. Robert M. Holcomb, civil

engineering professor. Prof.

James Marsh will make archi-

Dr. Holcomb said the three-

part program will be presented

by representatives of the South-

ern Pine Association, Southern

Pressure Treaters Association

and American Institute of Timber

tions, use of wood preservatives,

ciples of glued, laminated lumber

construction and systems of fast-

ening used in large laminated

sections will be covered," Hol-

comb added.

turns and reloading.

held here Tuesday.

tecture arrangements.

d Jun Members of the 16th annual machine's brighter possibilities. Illinoi Agricultural Aviation Conference nsom and Pest Control Short Course abon here Tuesday got a look at a new at Un concept in aerial application of engi chemicals.

are: They heard a talk and saw a sity color movie on the Ag-Gem, a man and load carrying device rom which hovers just about the the ground on a cushion of air. The craft is sometimes called an air grow cushion machine. It is strictly pplic experimental and is not on the

Ag-Gem, which stands for agricultural ground effect machine, was described by John Mercer of ind the Princeton University Aero-Che space and Mechanical Sciences Department. He said the maich chine roughly resembles a flying saucer that never gets more than ent 2 feet off the ground. Usual "altitude" is a foot or less as it skims over a field like an invert-

My ed bowl with hidden wheels. MERCER LISTED a variety of of in advantages of Ag-Gem. Some of Argo these included high safety comed m pared to conventional aircraft, es. economical payloads, operation in for # small areas, and it flushes the heir pesticide down around the plant port where it does the most good.

Compared to several other standard agricultural aircraft, he Al the air cushion machine would Construction. tial cost of \$9,000), is probably arby as economical to operate, and e new would not be required.

"A ground effect machine is artic not necessarily easier to fly than ol is an airplane," Mercer explained. ent's "It is, however, much more diffiof cult to get into trouble than with diretan airplane. For this reason, an er of operator is ready to go to work will after a few hours of dual instrucnic or tion. This suggests that much visor lower salaried operators can be employed than those costs associfiled ated with airplane pilots."

ned fr THESE FACTORS, he added, , Ill should give Ag-Gem an insurance \_\_advantage.

The disadvantages? Ag-Gem has its share.

In its present stage of development, the machine can not be YS operated over tall crops like corn and cotton. Experiments so far have been with ground hugging plants such as cranberries and potatoes, both of which survived the air turbulence very nicely, Mercer said.

The device does best, he said over crops that form complete ground cover. Otherwise, if bare ground is exposed and dry, terrific dust clouds are generated. Fertilizer spreading is one of the

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# Few Realize Work Needed Thursday, March 2, 1967 To Cook Mess Hall Meals

Battalion Special Writer

Few students, other than waiters, realize the tremendous job involved in putting just one meal before thousands of hungry Aggies, a job the mess halls perform three times a day, every day, nine months a year.

One person realizes this herculean task perhaps more than other. He is Henry Wellnitz, food manager for Duncan Mess Hall.

Until just recently, Food Service personnel worked what could be called a split shift. Under this system, they worked preparing a meal or cleaning up for the next only when a meal was being served. They would then lay off for a few hours, then come back to work during the next meal. Wellnitz explained how this has been changed.

"EVER SINCE Duncan began serving Aggies, its help has worked in a split shift. Cleaners and cooks would have to take a break between meals," he noted.

"As of Monday, however, cleaners and cooks are on an eighthour, staggered shift. The first shift punches in at 5 in the morning. They'll get everything ready for the breakfast meal, prepare the meal, and clean up after the meal. They stay until 2 in the afternoon.

Something looks wrong here. Five to two? That sounds like nine hours. Wellnitz explained the extra hour as being two halfhour periods given the mess hall help to eat the two meals a day provided for them. During this hour they receive no pay.

AT 10 A.M., while this shift is but halfway through its working day, another shift punches the time clock and begins its working

"This group, along with the first group," Wellnitz went on, prepares the noon meal, and then gets ready for the evening meal. This group is also finished in nine hours.

"I think this new time system will create better morale in the workers, as well as stimulating more interest in the personnel for their work," he prophesied.

AS TO WHAT type of preparation went into the fixing of an ordinary meal, Wellnitz described a typical day.

"Preparation time differs, of course, with the type of food being prepared," he said.

"First, the mess hall is divided into three basic sections: a meat section, a vegetable section, and a pantry section which prepares all salads and beverages.

"Each section head makes a list of everything his department will need for the day, and turns this in to Mr. (Oscar C.) Plantt, the head chef. Everything is ordered in cases, cans, etc. Plantt then orders all this from the storehouse, which is located in Duncan's basement." pole and piling design considera-

THE BASEMENT storehouse possibly qualified airplane pilots fire-retardent treatment, prin- of which Wellnitz spoke of has a separate staff, and fills only the orders of chief cook Plantt.

The basement storehouse underneath Duncan mess hall covers about as much space as

and cases of everything from pineapple slices to emergency chili (it takes less of the students' board fees for the cooks to make it in Duncan) are stacked in row after row as high as eight or nine feet, throughout the basement.

Due simply to a lack of space on the ground floor, the Duncan butcher shop is also located in the basement, directly underneath the kitchen area.

"WHEN THE needed supplies arrive up in the kitchen, each section takes what it ordered.

"Meat and pastry supplies," Wellnitz added, "must be ordered a full day in advance, though. The central pastry shop here in Duncan, besides providing enough delectables for the corps, also supplies pastries for Sbisa Dining Hall and some for the Memorial Student Center.

"We try to keep the amount of time from cooking to serving as small as possible," Wellnitz interjected. "In preparing a meal, dishes are cooked on a fairly rigid schedule, so that everything will be ready at the same time.

WHENEVER possible," he added, "preparations for the next day's morning meal are made during the evening meal, to ease the work the following morning."

It's interesting to note that Duncan buys nothing pre-made, except for canned preparations and fresh bread. All pastries, doughnuts, cakes, pies, everything in this line, are prepared in the central pastry shop. The closest thing to ready-made pastries used are cake mixes.

"Using cake mixes," Wellnitz added, "makes mixing easier and also insures more accurate mix-

EVERY ONCE in a while, a groan of hunger rises from the Corps when the waiters return to their tables to say that they can't bring the "bull neck" back for a third or fourth time. Wellnitz explained why a dish is cut off so abruptly in such a case.

"Every recipe we follow is broken down into batches to serve 100 people," he explained. "This is true with meat, canned foods, vegetables, etc. We use institutional recipes. The chef is responsible for estimating how many batches to make."

In this way, if three or four waiters went back for additional refills after the last batch had essarily have to go back emptyhanded as the cooks cannot make another batch for 100 when at the most, 20 or 30 would get served.

"WE HAVE approximately 90 employees in an entire day." "Under the new split-shift system, however, there would be something like 28 people working in the kitchen proper and cleaning up in the dining area at one time. This number is exclusive of butchers, pantry workers, storeroom workers, etc."

The only problem that Wellnitz went into in detail was the problem of waste. He attributed this waste to the necessary flaws in serving food family style in part, and to careless waste of food by Aggies.

"There is quite a tremendous amount of food waste," he said. "Most of the edible food not used by the students but prepared by the kitchen is used to feed the mess hall help. When students make food inedible, they are only hurting themselves.

"ON WEEKENDS, the only thing we can do is to estimate how much to make, by taking into account the events taking place on campus at the time, and by going over past years' precedents."

TWO PERSONS that Wellnitz praised very highly for their excellent work are B. B. Suehs, Duncan's supervisor, and chief cook Plantt.

"SUEHS PUTS his estimate of attendance up on the mess hall bulletin board, and the mess hall operates accordingly," Wellnitz emphasized. "He and Mr. Plantt coordinate closely."

IF MORE Aggies knew how planning and preparation went into those meals that they rant and rave about at times, maybe some day instead of "Beat the hell out of the mess hall," visitors would hear an honest wildcat for the mess hall cooks.

### **Greenhut Revises Economics Book**

Dr. M. L. Greenhut, head of the Economics Department, has revised his textbook for the University of North Carolina Press. "Plant Location in Theory and in Practice" was originally published in 1956.



MYSTERY STUDENT IN A BLACK BAG Oregon State University's class in Speech 113—Basic Persuasion, has at each session a mystery student covered by a black bag with only his bare fee showing. (AP Wire-

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Gulf Oil Corporation, Refining Department - ChE (B, M), ME

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las — ACCTG (B, M), FIN (B, United Aircraft Research Laboratory - AERO E B, M, D),

EE (B, M, D), ChE (M, D), CHEM B. M. D), PHYS (B. M, D), MATH (B, M, D), ME (B,

WEDNESDAY and THURSDAY Arthur Anderson & Company -ACCT (B, M), I ENG (B, M), MGMT (B, M), MATH (B, M).

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CE, EE, I ENG, ME, (B, M, D). Southwestern Life Insurance Company - ACCTG, MGMT (B BA, MBA), AG ECO (B, M). U. S. Army Corps of Engineers

- Fort Worth District - CE, EE, ME (BS); also for summer employment. U. S. Army Corps of Engineers

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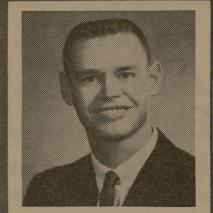
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