United Press International
WASHINGTON — Space agency engineers have been warning for months that problems during the crucial final eight weeks of tests could force new delays in the postponed initial flight of the space shuttle Col-

Such a problem surfaced last week from an unexpected source — the big piggyback tank the Columbia will haul into space to supply the hydrogen and oxygen for the re-usable rocket plane's three main engines.

National Aeronautics and Space Administration offi-cials announced Monday that insulation troubles with the tank will delay Columbia's maiden launch from March 17 to the week beginning April 5. Unofficial work schedules established April 7 as the new target date.

Although the 54½-hour orbital flight is more than two

years behind schedule, the new postponement was the first substantial delay since last July

The last testing milestone, now scheduled for Feb. 16, is a dress rehearsal countdown that will lead to the firing of the Columbia's three main engines while the ship remains locked to the Cape Canaveral launch pad. The insulation problem was discovered following

gallons of supercold liquid hydrogen and liquid oxygen

were pumped into the external tank for the first time. Cracks in three sections of polyurethane foam that had been sprayed on the tank tipped engineers off to the problem. Jack Wild, deputy director of the National Aeronautics and Space Administration's expendable equipment office, said test borings showed that a hard, high-temperature insulator beneath the foam had separated from the tank's aluminum skin.

Wild said it appears workers may have waited too long between applying the glue and the insulator. The operation must be completed within 60 minutes for proper

The insulation problem occurred on the side of the tank facing the shuttle. This is a difficult area to reach, and technicians plan to erect special scaffolding to make repairs after completion of the test firing. The external tank, shaped like a silo 154 feet tall and

271/2 feet in diameter, is new to the space program. Unlike one-use only rockets of the past that carried their fuel internally, the propellants for the shuttle's three main engines are stored in the outside tank so it can be jettisoned after the fuel is burned up.



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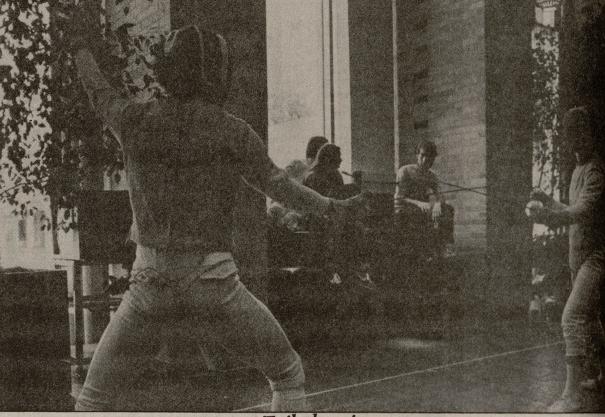
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Foiled again

Mark Pearcy, left, an environmental design senior, and senior biology major Kenneth Peck, representing the Texas A&M Fencing Team, square off in a foil fencing demonstra-

tion held tuesday in the MSC Student Lounge. The fencin team is hosting a tournament this weekend in east Kyle Field

Man claims bankruptcy for more than \$6 billion in mine futures collapse

SALT LAKE CITY — Uncle Sam still holds the record for having the largest debt in America — but E. Sterling Hunsaker of Kearns, Utah,

over 50 companies in his 40 years in business, has filed for bankruptcy claiming \$613.4 billion in debts. The national debt is expected shortly to reach \$935 billion.

ber. "We're not quite sure how to certificates sold by a Panan handle it," said bankruptcy clerk trust company using 15 m Mike Shepherd. "It's very compli-

How can one man owe two-thirds closing in fast.

It's the largest bankruptcy anyone
Hunsaker, 59, who has started in the Utah federal court can rememsays Hunsaker, lies in gold and oi says Hunsaker, lies in gold and oil

claims he owns to attract in None of the claims has been The gold is still in the groun It all started when Hunsake

with a plan to build a o plant near Redding, Utah, would use tar sand as fuel. Hu method of recovering natural ga and gold from tar-sand deposits plan major oil companies reje

But Hunsaker said he think said Tuesday. process will work, and he set of raise money.

He said he made a deal with people who operated Kingbrid ternational Fiduciary Trust Panamanian-based trust con In exchange for 40 percent a company, Kingbridge agree help raise \$200 million for the

The trust company began impositions about gold certificates and gold by lings of the Sagainst Hunsaker's claims scorted them to bonds weren't supposed to be emed for 20 years, Hunsaker but the investors suddenly demanding payment and suit

"I wasn't supposed to have anything unless I got funds mari velop my properties," he saw waited for the funding, but it united Press

"I got taken for a long ride and only way I could stop was to be bankruptcy and kill the whole

Hunsaker said he doesn't h how many certificates actually sold or how much money trust ers made and kept for themse But he had to list all the author issues of certificates and letter credit in his bankruptcy petil They total a stagger \$613,406,718,185.53.

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On-Campus Interviews Friday, February 20

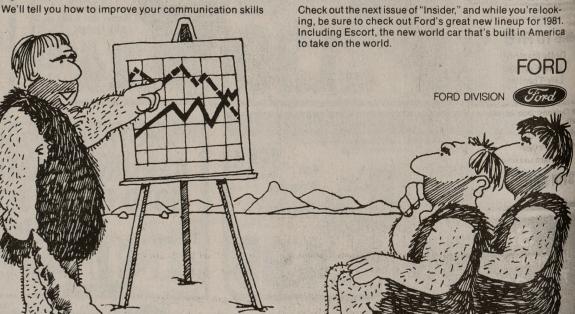
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