

# DAILY PLANET

ALL THE NEWS THAT FITS

Thursday, July 10

1997

## Center Hosts Visits by Nicogossian, Oswald and VIP Exhibit Group Thurs.

Marshall Center is hosting three visits Thursday. Dr. Arnauld Nicogossian, associate administrator for NASA's Office of Life and Microgravity Sciences and Applications, will observe MSL-1 mission operations and visit the Center's Microgravity Research Program Office. Stephen Oswald, NASA deputy associate administrator (Space Shuttle), will participate in Honors Day and receive briefings on Center programs. Board Members of the Alabama Space Science Exhibit Commission also will tour Center facilities.

## Honors Day Ceremonies, 9:30 a.m. and 2 p.m. Thurs., in Morris Auditorium

## Thursday's NASA TV Schedule

### **10 a.m.**

STS-94 Flight Day 9 highlights

### **10:30 a.m.**

STS-94 Mission Update

### **1:30 p.m.**

STS-94 mission status/science briefings

### **2:30 p.m.**

Mars Pathfinder briefing

### **4:15 p.m.**

STS-94 coverage

### **4:30 p.m.**

STS-94 Flight Day 10 highlights

## MSL-1's Bubble and Drop Study May Aid Industrial Processes

Overnight, the Microgravity Science Laboratory crew on Columbia conducted two tests of the Bubble and Drop Nonlinear Dynamics study. Sound is used to position a bubble in a container, then flatten it. The study's lead, Dr. Anthony Hmelo of Vanderbilt University in Nashville, said the results "reveal the mechanical properties of a bubble under larger forces," and may lead to improved industrial processes. Droplet combustion and other studies continue today.