# High-Efficiency Solar Cells

A Spectrolab, Inc. associate places wafers on platters for epitaxial growth. The wafers are then fabricated into solar cells that will be capable of an unprecedented 36.9 percent efficiency in converting sunlight to energy when exposed to concentrated sunlight. Spectrolab, a Boeing subsidiary, uses these state-of-the-art photovoltaic solar cells in concentrator modules of various sizes and power-generating capabilities. Several modules are already being tested throughout the world by photovoltaic concentrator system manufacturers. These Spectrolab products could be part of terrestrial systems that dramatically reduce the cost of generating electricity from solar energy.

###

Boeing Satellite Systems

For further information:
Spectrolab, Inc.
Public Relations
(310) 364-6363