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# Popular Science

THE WHAT'S NEW MAGAZINE

FEBRUARY 1994

A TIMES MIRROR MAGAZINE  
\*  
FOUNDED IN 1872  
\*  
VOLUME 244  
\*  
NUMBER 2  
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COVER BY  
ROGER RESSMEYER/  
STEVE KARP

## FEATURES

### REUSABLE ROCKET SHIPS

49  
Paging Buck Rogers: A new generation of spacecraft is poised to leapfrog past the space shuttle and today's throwaway rockets. This could be the harbinger of a first in space flight—a truly affordable ride to orbit.

### INSANELY GREAT

56  
Ten years ago, Apple's vision of an elegant and efficient yet low-cost computer reached its first fruition with the Macintosh. The brainchild of a colorful band of true believers, the Mac has become a machine that has changed how people work and even think.

### HEAVY HAULERS

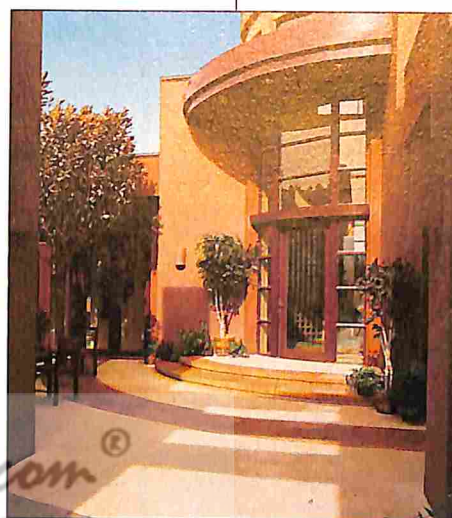
60  
Today, a full-size pickup needs to be more than merely a dry place to sit while you do serious work. These vehicles now add carlike styling and comfort to old-fashioned muscle and guts, and feature 0-60 mph acceleration that would embarrass many a sedan. We rate three turbo-diesel workhorses: the Chevrolet 2500 Silverado, the Dodge Ram 2500 Laramie SLT, and the Ford F-250 XLT.

### SCIENCE GETS THE CO<sub>2</sub> OUT

65  
Carbon dioxide is rapidly accumulating in the atmosphere, posing a threat to the world's climate. So scientists are urgently seeking ways to capture and dispose of the gas. These "carbon fixation schemes" face daunting technological and economic challenges.

### THE NEW AMERICAN HOME '94

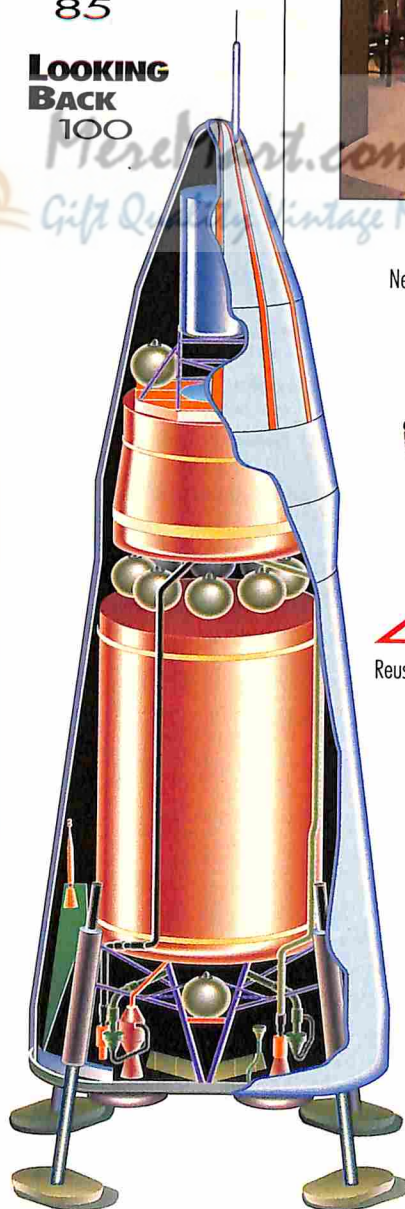
72  
Welcome to a state-of-the-art demonstration of the possibilities for a home. This amazing, adaptable 5,000-square-foot showcase proves how far a dwelling can go with innovative, off-the-shelf technology. Indeed, the house seems to anticipate your needs through a control system that has "adaptive intelligence."



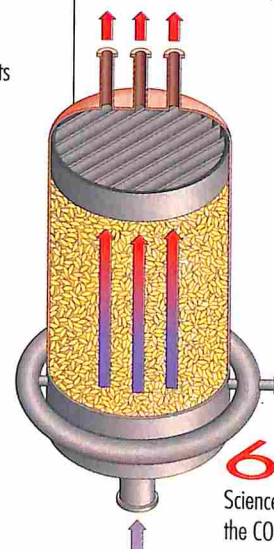
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New American home



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Heavy haulers



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Reusable rockets



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Science gets the CO<sub>2</sub> out



# Popular Science

Times Mirror Magazine

## Reusable Rocket Ships

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