

# THIS 80 FOOT PYLON

is a  $1/3$  scale model of a rocket space ship of the future. The full scale ship would be 240 feet in length and designed to use nuclear energy as fuel.

Stabilized in flight by gyroscopes it would be controlled by automatic pilots and magnetic tapes. Landing tail-first, no air-foils or wings would be necessary, its vertical descent controlled by its jets. The 3 retractable landing legs would be equipped with shock absorbers.

The light color used on the outer surface is for maximum reflectivity of solar radiation and would probably be baked enamel finish to resist excessive heat due to atmospheric friction. Liquid coolants would circulate through all window panels and cockpit enclosures.

Launching and landing would be done over a "firing crater" to confine and lead off superheated exhaust gases.