

SECTION 15

Anti-Gravitation Planet Over-Surface Flyer

A GRAVITATION DEFLECTOR PLANET OVER-SURFACE FLYING VEHICLE

A gravitation deflector flying vehicle would be a deflector in cup form, underneath the payload compartment of the vehicle as in Figure 15-1 below.

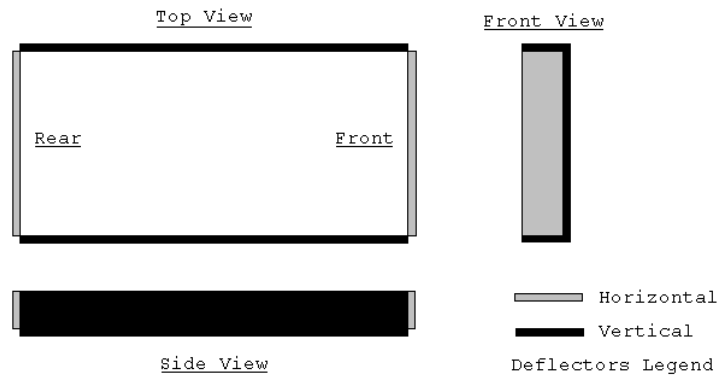


Figure 15-1
A Gravitation Deflector Flying Vehicle

The flying vehicle differs from the form for a spacecraft in:

- not needing to provide protection from dangerous radiation,
- needing only modest acceleration capability vertically upward beyond sufficient to maintain its constant altitude levitation,
- needing means to generate horizontal acceleration while maintaining vertical levitation.

This deflector configuration [all without use of fuel]:

- Provides controlled vehicle levitation for take-off, landing, and travel,
- Provides controlled horizontal propulsive acceleration and “braking”,
- But there is the problem of sufficient gravity for the passengers.

GRAVITATIONAL APPLICATIONS

The vertical acting deflectors cannot provide artificial gravity by virtue of vertical acceleration because the vertical acceleration is controlled to only maintain levitation at a given altitude except for take-off and landing. However, maintaining levitation requires significantly less than 100% vertical deflection. If, for example, levitation required only 50% vertical deflection then the gravitation within the vehicle would be the remaining undeflected 50% of natural gravitation.

The present task, then, is research and development to better optimize the designs so that practical implementation can begin.

