

Boeing investigates anti-gravity device

Aircraft maker Boeing is investigating a device which claims to shield objects from the pull of gravity. Although physicists say it is impossible to negate gravity, the lure to the military and aviation industry is so great that both NASA and British Aerospace have already tried to replicate the effect

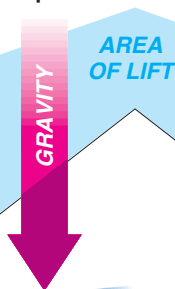
"Podkletnov effect"

First recorded by
Dr. Yevgeny Podkletnov
at Finland's Tampere
University in 1992

Gravity shield
Superconducting YBCO
(yttrium-barium-
copper oxide)
ceramic disk
spinning at
between 3,500
and 5,000 rpm.
Greater weight
loss at lower
speed

Toroidal
supporting
magnet

Weight
decrease:
1.9% to 2.1%
Stacked disks produce
cumulative effect – 100 give
210% decrease (positive lift)



Weight: Podkletnov allegedly
observed effect on
different materials e.g.
wood, plastic, glass

Solenoid magnets
Induces current in
superconductor
causing it to
levitate.
Alternating
polarity of
magnetic field
causes disk
to rotate

Liquid helium
Supercooled to
70°K (-203°C)

**High power
"impulse
gravity
generator"**
Up to 1,000G
force generated when
YBCO in magnetic field
receives high voltage pulse