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This is an article that appeared in a magazine called `Flying Saucers' that was written in 1967 by Maj. Donald E. Keyhoe.

SAUCERS SECRET: ANTIGRAVITY

Editor's Note: Major Keyhoe has been writing about Unidentified Flying Objects (UFO's) for over 15 years.

[written in 1967.Vangard]

From the outset he has insisted that flying saucers are real and interplanetary, and many authorities have come to agree with him.

Now he claims that control over gravity itself is the only explanation for the astounding maneuvers which saucers are said to make.

Some physicists dismiss this theory as fundamentally erroneous. But, as you will read,

there are others who find Major Keyhoe's latest chapter in "The Great Flying Saucer Story" important and plausible.

What goes up (and around ) does not necessarily have to come down.

Major Keyhoe maintains `Not known fields of force' allow saucers

to behave peculiarly: To hover motionlessly, turn on a dime, and

accelerate at fantastic speeds. And only a crash `G' program on

our part can counteract it.

By Maj. Donald E. Keyhoe

One night last February, over the North Pacific, a Flying

Tiger Airlines crew had a startling aerial encounter. What they
saw is a clue to a fantastic technical mystery. In its solution

lies a prize so great that six government agencies are searching
for it right now. The answer may not be far off. What they are
searching for is the secret of gravity control.

About midnight on February 15, the Flying Tiger plane, carrying a military group from the U.S. to Japan, was four hours out of Anchorage. Suddenly the cockpit radar picked up three fast-moving objects. The plane captain and his crew looked out at the side and saw three huge oval-shaped ships, glowing red in the night.

An Air Force captain who was a passenger on the plane was called forward to confirm the sighting. His signed report is in

the files of the National Investigations Committee on Aerial Phenomena.

According to the captain's report, the unknown machines slowed down to the airliner's speed and flew in close formation. Five miles away, by radar range, they leveled off to pace the plane.

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The Air Force captain computed their length as much more than 700 feet. It was plain that the giant Unidentified Flying Objects had an unknown type of propulsion. No jets, no exhausts were visible. For 30 minutes, still in formation, they continued to pace the plane. Then, swiftly accelerating to 1,200 knots, they climbed out of sight in seconds.

This startlingly swift acceleration is a maneuver that could not be duplicated by any ship now made on Earth. What makes it possible for UFO's? According to many scientists and engineers, there is only one possible answer. The answer is ANTIGRAVITY: artificial gravity fields and control of gravity power.

Control of gravity is something that men have been dreaming about for centuries. Now it appears that we are on the threshold of achieving it. Its value, to the country that first attains it, is incalculable. Our government, hoping for a technical breakthrough, has set up 46 different research projects on various aspects of gravity control. The Air Force is running 33 of these projects and the others are divided among five other agencies.

Included in the 46 government projects are experiments and research at two Air Force Laboratories (Flight Dynamics and General Physics Research), Radio Corporation of America, Massachusetts Institute of Technology and several technical engineering centers. In addition, official projects are being carried out at Barkley and Dexter Laboratories, Fitchburg, Massachusetts; Israel Institute of Technology; the Universities of California, Denver, Harvard, Indiana, Manchester (England), Maryland, Michigan, Minnesota, Ohio, Purdue, Stockholm (Sweden), Syracuse, Texas, and two New York schools - Queens College and Yeshiva Graduate School of Science.

And, of course, some government agencies have projects so secret that they are not publicly registered and cannot be revealed without permission.

Private industry is also looking at the question of gravity
control with new seriousness. A large number of giant
corporations, including Bell Aerospace, General Electric, Hughes

Aircraft, Boeing, Douglas and many others, have set up gravity projects.

If you add up all the known gravity programs being run by the government and private industry, you get somewhere between 65 and 70 projects. This means there is a heavy concentration of scientific and engineering brains working on the problem.

One leading scientist who is convinced that UFO's are spaceships using gravity control is Dr. Hermann Oberth. Doctor Oberth, a recognized authority, was co-designer of the V-2 rocket and later a U.S. special consultant at Huntsville, Alabama, one of the installations where important antigravity research is now underway.

"With ordinary propulsion," Doctor Oberth told me in 1961,
"such violent accelerations and maneuvers would endanger the ship.

Also, the force would crush any creatures aboard against the rear or sides of the machine. But with an artificial gravity field the

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force applies simultaneously to the passengers and the spaceship.

Even in swift changes of speed and direction, the ship is not strained and the passengers feel nothing."

Today, Doctor Oberth is willing to go further. He is now of the opinion "that energy, inertia and gravitational fields are only aspects of one and the same thing" and that it will prove impossible to separate them from each other. What he has in mind, he says, is "not yet known fields of force" which can be used to accelerate material objects in a way similar to the force of gravity.

Another noted authority who agrees that UFO's are using artificial G fields is William P. Lear, Sr. multimillionaire inventor, pilot, designer of air and space equipment and builder of jet aircraft. Lear, who once sighted a UFO from his executive plane, predicts that future U.S. vehicles will also use artificial gravity. "The people on board would probably not feel any more effect," Lear says, "than they do from the tremendous speed of the Earth as it rotates and orbits the sun."

Several years ago, Glenn Martin's vice-president for advanced design, G.S. Trimble, predicted that by 1985 practically all airliners would be using artificial gravity, flying at almost unbelievable speeds. At about the same time, future airliner speeds of 10,000 mph or more were pictured by Dr. Walter Dornberger, then Bell Aircraft's chief guided-missile scientist and now president of Bell aerospace.

Grover Loening, pioneer aircraft builder and consultant to the Air Force, said it even more strongly. "I firmly believe that before long man will acquire the ability to build an electromagnetic contragravity mechanism that works," he stated.

A top official of Bethlehem Steel, Jesse V. Honeycutt, has indicated some of the results we can expect if Loening is right.

"Serious research is being concentrated on in an attempt to solve the mystery of gravity and bring about a control of its power....

It would bring about a greater revolution in power, transportation and many other fields than the discovery of atomic power," he stated.

Antigravity? It seems inconceivable. Yet, the search goes on and many responsible men believe the answer will be found. And, to my mind, it is the only possible explanation for the performance of the UFO'S.

The stakes are so high that no clue can be overlooked. The Air Force Technical Intelligence, hunting for overlooked leads, is carefully checking hundreds of verified UFO reports. Hopefully, some of them will help us find out how these strange vehicles operate.

Four days before Christmas, 1964, a round, metallic craft about 125 feet in diameter was observed to make a brief landing in

a field near Staunton, Virginia. Two Du Pont scientists later took Geiger counters to the site.

"It was `hot'- highly radioactive," Du Pont engineer Lawrence
Cook reported. "We checked for 45 minutes-it was definitely
`hot.'"

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In Puerto Rico, near dusk on December 26, 1964, Ramey Air Force Base radar spotted two large discs. As A4D jets streaked up to pursue them, the discs accelerated to terrific speed. Making instant right-angle turns-impossible for any known aircraft-they vanished over the Atlantic.

On March 21, 1965, Capt. Yoshiaki Inada, piloting a Toa

Airlines Convair on a domestic Japanese flight, was chased by a

"mysterious, elliptical luminous object." Flying close to the

plane, the UFO blanked out his radio and "violently interferred"

with his automatic direction finding equipment.

Puzzling earlier cases also are being rechecked. On July 1,

1954, an AF F-94 - a two-man jet-was scrambled to chase a UFO near

Walesville, New York. When the pilot tried to close in, a sudden,

unbearable heat filled the cockpit. Half-dazed the pilot and radar officer bailed out. The jet crashed in the street, killing two children and their parents.

These odd phenomena, high radiation, mysterious heat and electrical interference may be side effects of gravity control devices.

Like most people, you probably took gravity for granted before space flights began. Now you know, for example, that one "G" is the Earth's normal gravitational pull. This is what holds you to the seat of your chair-and more importantly, keeps you from being tossed into the air by the Earth's rotation. You feel two or three G's in a roller coaster or a stunting plane-a mere hint of what our astronauts have to endure during blast-off and acceleration.

But gravity causes a lot of trouble and expense we seldom think about. Aircraft and rocket builders have to provide heavy engines, huge weights of fuel, just to offset gravity. In construction of buildings, bridges, and in a hundred other ways, G affects our lives and adds billions to the cost of work.

Gravity control could reduce or end many of these problems.

How soon can we expect antigravity?

Some researchers say it may take a long time. Others believe there may be a sudden breakthrough. If that happens, there will be some fantastic results.

First, obviously, our space program would take a big leap forward. Instead of our present wasteful rockets, we could build spaceships matching the UFOs' high speeds and maneuvers. With such advanced ships, we could make swift flights to the moon and the planets.

Recently, Alexander de Seversky stated that "with abundant energy available, we will move in space with constant acceleration or deceleration. Accelerating halfway to our goal and decelerating the rest of the way at one G or 32.2 feet per second, the moon will be reached in three and a half hours, Venus in 36 hours, Mars in two days, Jupiter in six."

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According to Oberth, German physicist Burkhard Heim and other scientists, gravity control will enable spaceships to reach even greater speeds than these. With such advanced machines, we could explore the nearest star systems a century or more ahead of our

present timetable.

Using carrier or "parent" ships with short-range probes, we could fully explore a planet - either by remote control or direct observation - before attempting to land. Many cases are on record in which large UFO's have lunched small units, apparently for close observation of the Earth, then retrieved them in swift, precise operations.

In one such case (an official AF Intelligence report), groups of small UFO's flying at 5240 mph. were seen and tracked by the crew of an AF B-29. One group, after abruptly slowing to pace the bomber, resumed its speed within seconds. The small UFO's were then seen to merge with or go aboard a huge carrier which accelerated to more than 9,000 mph before it disappeared.

Because of G-crafts' tremendous speeds, the picture of possible military operations becomes hair-raising. Let's take as a basis the figure in a documented case at White Sands Proving Ground, where Navy scientists saw and tracked a UFO flying at 18,000 mph.

Such terrific speeds could put bombers back into the picture in place of missiles. Attacks by G-bombers from base near major targets would take less than five minutes. If a "brush-fire" war broke out halfway around the world, a huge G-transport carrying a fully armed division or even an army could be on the scene in 40

minutes, or less.

Another effect of gravity control will be a big change in air travel. Here's what a G-liner trip would be like, according to several researchers. Let's say you are making a making a flight from New York to London. Your seat has no safety belts - none are needed. The ship takes off vertically, accelerating at incredible speed. You feel weightless but you feel no motion.

The airliner arcs up into a great circle course, silently, with no "bumps" - no rough air. In 10 to 15 minutes, London suddenly takes shape below. There is no long approach, skimming over rooftops. You descend vertically and land. If traffic is heavy, your pilot would stop the ship in midair and hover until cleared.

In spite of the speed, you'd be safer - especially in regard to many of the strange eddies which have thrown jet airliners into uncontrollable dives.

In probing the riddle of gravity, project scientists try widely different approaches - some even contrary to accepted natural laws.

[Does the following experiment sound familiar???....Vangard]

Under an Army contract, a University of Detroit team has

built a 4,000-pound, specially wired rotor which spins at 100,000 rpm. With this unique device, scientists are testing gravitational radiation theories searching for a possible key to G control.

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Using gravity meters based on new principles of physics Air

Force teams make frequent flights around the equator and over the poles, to speed up world wide measurement of the Earth's gravitational pull. Tied in with this is a network of gravity stations and special projects all over the world.

Though no breakthrough has occurred (unless in highly secret projects) two significant facts have been established.

- The Earth's G field is relatively weak, compared with the pull of gravity between planets and the sun.
- 2. There is a connection between gravity and electromagnetic fields.

Igor Sikorsky, discussing the colossal force of spatial G, says a steel cable about 8,000 miles thick would be needed to hold the Earth in its orbit - if it were not for gravity.

But, fortunately for our anti-G search, the Earth's gravity pull, for objects on the ground or at average flight altitudes, is fairly small. Likewise, the force required to cancel its pull would be relatively small - if a method can be found.

Using various barriers we can shield ourselves from heat, light and sound waves. But, so far, no way has been found to create a gravity shield. Some scientists still call the gravity shield idea a "lunatic fringe" notion. But many now refuse to say that such a thing is completely impossible.

Are UFO's using a gravity shield? In an effort to find out, the Air Force is renewing its attempts to capture a UFO. If we could get one on the ground, undamaged, it might make possible a big shortcut in our gravity research and save us years of slow, tedious scientific work.

[As many of our user have heard, this capture of one or more UFO's is said to have done, refer reports by John Lear and the physicist Lazar.....Vangard]

In the past, many Air Force pilots have tried to down UFO's, without success. But the Air Force has new reason for hope now, based on the recent increase on low-altitude UFO approaches and "touch landings."

On the night of January 12, 1965, an officer of a federal law

enforcement agency had a close encounter. As he was driving his official car toward Blaine Air Force Station, in Washington, a flying disc 30 feet in diameter hurtled down at his automobile. At the last moment the disc arched up steeply, avoiding collision. When the officer jumped out, he saw the UFO hovering overhead. After a minute, it shot up into clouds at high speed. A short time afterward, the UFO or a similar one - was seen landing in a field near Blaine, melting the snow and scorching the ground before it took off. When the AF questioned the federal officer, they said they had tracked the UFO by radar as it raced down toward his car. This officer, like many other UFO witnesses was warned by his superiors not to let his name be used in connection with the sighting.

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On January 27, 1965, two NASA engineers sighted a UFO which touch landed near Hampton, Virginia. One witness was Maj. John Nayadley, a retired AF jet pilot. The other was A.G. Crimmins, who saw the strange machine maneuvering toward the ground.

"It was zigzagging as if searching for a landing spot," said

Crimmins. "I watched it through 20 x 50 binoculars and I could see

flashing lights. They appeared to be on the rim of a rapidly rotating disc."

Before anyone could reach the spot, the flying disc took off and rapidly climbed out of sight.

The step-up in UFO chases was demonstrated at Washington,
D.C. on January 11, 1965, when AF jets pursued several flying
objects over the city. The chase was confirmed by an Army
Lieutenant-Colonel and a group of Army communications specialists.

If jets had been near any of the "touch" sites, they might have swarmed down and kept the UFO from getting away. But records of previous attempts to capture UFO's indicate it will be a tough job.

Whether we capture a UFO or not, the search for the elusive secret will go on. The connection between gravity and electromagnetic fields may provide the key to the mystery.

For several sears, Burkhard Heim, director of the German Research Institute of Field Physics at Goettingen, Germany, has been searching for the answer to the gravity riddle. Finally, Heim revealed that by direct experimentation he had discovered a positive lead to antigravity. The discovery involved an intermediate field, neither electromagnetic nor gravitational.

The results, Heim stated, if applied to space fight, would be direct levitation, conversion of electricity into kinetic energy without any waste, and "immunizing the occupants and the structures of such vehicles against any effects from acceleration of the vehicle, however great and violent."

After the first shock, several scientists examined Heim's claims.

"His approach is not in conflict with known laws of nature, and it agrees with the quantum theory," A.R. Weyl said in an analysis for the British magazine, Aeronautics.

"If Heim's theories were right, the amazing properties commonly ascribed to the `mysterious flying saucers' would be, in fact, sound physics and proper engineering."

Through Heim's work toward the goal of an actual antigravity force researchers may discover new scientific laws and their work may invalidate old theories. Some scientists are already saying privately that Einstein's famous "general theory of relativity" may turn out to be totally fallacious. Newton's law has also come

in for attacks. However, Robert Forward, G expert of Hughes
Aircraft Company, uses the Einstein theory to show that it is
possible to partially nullify the Earth's gravitational field.

The amount of nullification obtainable with present-day technology
is extremely small, however. Forward predicts that some day, when
our technology is greatly advanced, we will be able to "create
artificial gravity fields at will."

With a real all-out effort this could happen a lot sooner than the 10 or 20 years many scientists have in mind.

But getting enough top men to work in the field is a problem.

One scientist says, "Scientists are sensitive about their reputations and many of them still think antigravity is a joke. If they knew the facts, they'd be eager to get into it."

Fear among scientists is partially due to the Air Force censorship of UFO reports. Air Force censors not only hide the facts but also belittle those who publicly report UFO sightings.

One recent victim was Dempsey Bruton, chief of satellite tracking at NASA's Wallops Island station in Virginia. On January

5, 1965, Bruton saw a strange round object flying at terrific speed toward the station. After it passed overhead, the UFO shot straight up out of sight. Using the elapsed time of six to nine seconds - and angles and times reported by other witnesses, Bruton said the speed was definitely "several thousand miles per hour, possibly 8,000 mph. or even higher." The AF, implying he was incompetent, rejected the report and said it was not evidence of any technically superior machine.

But AF policy notwithstanding, the drive to get the secret of antigravity is well underway. It can't be stopped now. But it can be speeded up. We are already spending billions on the space program on the race to the moon, to Mars. Harnessing gravity could put us years ahead and save us enormous sums of money.

With control of the universe at stake, a crash program is imperative. We produced the A-bomb, under the huge Manhattan Project, in an amazingly short time. The needs, the urgency today are even greater. The Air Force should end UFO secrecy, give the facts to scientists, the public, to Congress. Once the people realize the truth, they would back - even demand - a crash G program.

For this is one race we dare not lose.

Maj. Donald E. Keyhoe

Submitted by : Ronald Barker

Vangard Sciences

\*\*\*\*\* SPECIAL NOTE \*\*\*\*\*

Vangard Sciences would like to give special thanks to Mrs. Hetty

Quarrella of Sterling Heights, Michigan for providing us with some
old books and magazines for our library.

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