

An Heuristic Paper on the Nature of Mass

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Abstract

This paper restates the thought experiments that led me to conclude the fundamental initial dependence of mass upon spin (simple rotation of elementary particles) that led to my conclusions regarding the gyroscopic structure of particles that imparts measurable mass (as set out in *The Special Theory of Reality* as submitted to NPA, Tulsa 2006), and goes on to examine the experimental and observational evidence for this conclusion, including new evidence that has come to my attention since the Tulsa conference. Such evidence is, in part, highly controversial, even to the extent of implying the corruption of the scientific process, and also introduces new concepts to the scope of observational evidence that are defended as appropriate in the ultimate goal of truth, in what may be the most significant realization in the history of science (alien presence, and long-term application of anti-gravity technology on the planet). The fundamental conclusion implies polarity in the inertial effect of spin that was clearly demonstrated by Professor Eric Laithwaite, in what may have become one of the most shameful episodes in modern science. I suggest that this explains the motion of neutrinos and anti-neutrinos that thus may form the basis of particle, field and radiation structure, which also may explain the fundamental nature of quantum mechanics, general relativity and string theory. Precisely what Einstein was intending to convey about gravitational fields is analyzed, with several quotes, with the clear conclusion that he envisaged more than one type of field. I also cite the experiments of the late Dr. Bruce DePalma and others with gyros and spinning balls (that imply inertial effects of spin) but which need to be repeated in improved form.

Introduction

A great deal of money is now being spent in the search for the Higgs Boson. This paper suggests that such expenditure is wasted*, because there is a very simple, and I would say obvious, alternative solution, verifiable by much simpler and less expensive experiments with spinning balls. Also, gyroscopes provide us with very clear evidence of the inertial effects of spin. Why has this apparently been overlooked (or ignored) for so long? Why did Revd. Dr. John Polkinghorne KBE, FRS, a well-known physicist who had studied under Dirac, reply to me by stating the opinion that “to a physicist to say that ‘mass is spin’ is simply unintelligible”? Why was Professor Laithwaite’s demonstration of gyroscopic effects the only occasion in the history of the Royal Institution when its proceedings went unrecorded?

Is this apparent inability, or even reluctance, to take account of gyroscopic effects, based on difficulty in comprehending the effects or something more sinister? Certainly before realizing the link between mass and spin I tended to be so confused by gyroscopes that I just accepted them as mysterious, but then at that stage I was only taking a very casual interest in physics and could not call myself a physicist, but I expected that physicists must be interested in explaining all aspects of their behaviour.

The evidence presented in this paper suggests that some at least have understood these effects quite well but that this may have been “an inconvenient truth” for others. One person who

may have understood, at least from others, is Ralph Ring, who quotes the director of a research establishment in 1950s California as saying, “We get paid handsomely for looking for answers – not for finding them”. I hasten to add that I am not yet convinced that such an attitude is widespread, but that the failings of current systems of funding may well have seriously delayed progress.

* though not entirely, as high energy accelerators will hopefully reveal particle sub-structure

1. Thought experiments on the question of mass

Supposing we start with a universe consisting of nothing but fundamental, elementary particles (the smallest and most basic that can exist) which have no spin but only straight line motion of various speeds, in any and all directions (individually indeterminate of course, because there is no spin to give any concept of time). There are a finite number of identical particles so they must have a finite kinetic energy. Eventually there must be collisions, many of which will be oblique and thus imparting spin (assuming that the particles are not perfectly hard and smooth). In the vacuum of space no sound would be generated and the particles have no heat to gain or lose. Those particles now spinning have energy of spin in addition to their translational KE.

If Newton’s Laws of motion are to hold (which will be further examined), those particles not involved in any collisions must continue to move with the same velocity, so conservation

of energy demands that the particles now spinning must move more slowly and the faster they spin the slower they must move. It thus appears that inertial mass, and spin are equivalent, and that the convertibility of mass and translational kinetic energy is then just a natural consequence of conservation laws; but in this simple, fundamental case, mass increase is associated with a decrease in speed.

If the only way of judging time is by rate of spin (as it must be in a universe of only elementary particles), then it follows that time so defined must run more slowly as speed increases. So it would seem that Einstein was right on this point but wrong about mass increasing with speed, at least in this scenario under consideration. I have, however, to warn the reader of just how easy it is to be misled by this, and why many, including Einstein himself, may have been misled. "Time" does not exist! We cannot make "it" run faster or slower. Time cannot have a shape, it cannot be warped, and it cannot be travelled through. All we have is a sequence of events and the way we judge the relativity of these events depends entirely on what we choose to compare them with. If we define time as the rate of spin of a particle, we have to be prepared to accept that the constancy of this standard will change with speed. It is not that the rate of flow of some mysterious entity is affected by speed, but rather that we can be misled about the relativity of events if we do not choose the means to compare them wisely.

What this analysis also demonstrates is that time and energy are just different ways of looking at the same thing, i.e. relative rates of spin compared with each other and with relative translation.

It appears possible, therefore, that Einstein may have been right in some respects but wrong in others. Let us continue on the basis that special relativity is essentially correct, but that we must consider whether we can identify any logical source of error or confusion. It seems to me that rotation is essential to the concepts of time, energy and mass as they would apply to a universe of only fundamental particles. If these fundamental particles were perfect and identically smooth and featureless spheres, it would be impossible to judge rotation; but we are considering an imaginary situation so it seems reasonable to imagine the rotation.

So what does Special Relativity tell us about rotation? This is explained by Einstein in the general theory, Chapter XXIII (i.e. of his book *Relativity The Special & The General Theory* ¹). If special relativity is right, the value of π for a rotating body is increased. This may be very hard to come to terms with and I appreciate the problems the reader may have in accepting it. Einstein warns at the start of the chapter, "*..but I would mention at the outset, that this matter lays no small claims on the patience and on the power of abstraction of the reader*". I believe that I was able to make complete sense of it in part two of last year's paper by finally concluding that dimensions do not actually change; it is rather that considering them to change is a useful way of describing curvature of motion which is either the consequence of spin or macro-rotations, including the rotation of the universe. This is clearly a highly contentious issue, but for now let us consider just the basic principle that π increases with spin. This

means that a point on the edge of a rotating body must travel further in each revolution as rate of spin increases. Consider now Figure 1.

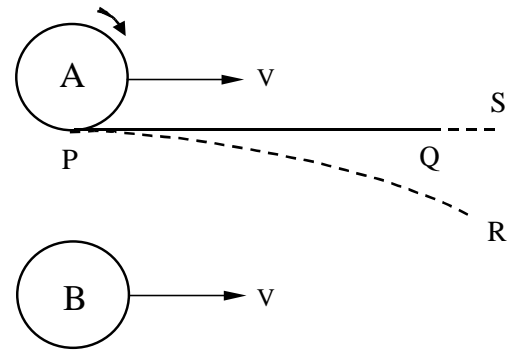


Figure 1

Effect of spin and motion on massless discs

A & B are imaginary flat discs with no mass moving at the same uniform velocity on parallel courses in free empty space. A is now imagined to be spinning, and purely as a starting point to simplify visualization of the analysis, the speed of motion and rate of spin are assumed to be such that A is rolling along an imaginary line PQ.

Line PQ is equal to πD so in one revolution of the spinning particle A must cover the greater distance represented by PS or PR i.e. in both cases an acceleration. Newton would deduce either that there is a force acting on A but not B and that, if this force is gravity, A must have mass and B not; or that A and B both have mass and are attracted together by their own gravity (in the initial consideration of the curved path). We know, however, that the apparent mass can be attributed to A only and is entirely due to its spin. So once again it appears that mass and spin are equivalent.

Further examination of the above situation, however, as it would pertain to real particles with mass, leads to a further conclusion. I have already demonstrated that conservation of energy requires A (as a real particle) to have less translational KE when it spins (in isolation in free empty space), so the acceleration represented by PS is ruled out. The only solution, therefore, is a particular curved path PR such that the sum of rotational and translational KE remains the same, i.e. the curved path PR is shorter than PS but a point on the edge of the particle now follows a relatively longer hypercycloid, as compared to the cycloidal path it follows with the straight line motion of A. We can then see that high velocity and low spin will give slight curvature, but as spin increases and velocity decreases, the particle must move in ever tightening orbits. (For those readers unsure of this argument it is analyzed in more detail in Part Two of my paper submitted to the NPA 2006 ², and Appendix 5 of my book of the same title: *The Special Theory of Reality* ³).

Some may be unconvinced that oblique collisions between elementary particles would impart spin. This does require such particles to have properties that may or may not apply (though observation of a pool table during brake-off confirms that some of the balls, that start with no spin and are subject to collision, will end up with spin). Supposing, however, we consider another possibility that does not involve collisions. If conservation of linear and angular momentum were unified into a principle in which conservation of total energy were the overriding consideration, energy of spin and energy of translation may be interchangeable without some form of intervention. Experimental evidence in support of this is provided below. The equivalence of mass and energy then becomes very simple to comprehend. Mass (energy in rotational form) can be reduced to allow energy in translational form.

2. Explanations and clarifications deriving from this view of mass (and thus energy)

As spin increases there must come a point where no orbit is possible and the particle will only oscillate or vibrate. So it appears that we have demonstrated that when Einstein thought that heat has mass he appears to have been right. It would also seem, however, that in concluding that vibration was motion and so all motion means increased mass, he was probably mistaken. Certainly, with mass equivalent to spin, and no input of energy, the principle seems clear that increased translation can only occur at the expense of spin (mass).

If, however, when we move on to more complex systems, there is some input of energy in a system where translation is inhibited in some way, then it is possible to envisage an applied force resulting in increased mass (spin at some level). This might apply if light or particles have some maximum velocity through a particular medium, or if the motion of a complex, charged particle were inhibited by electrostatic or magnetic fields. In completely empty space, however, the ability of an elementary particle in isolation to accelerate to any speed of its own accord appears to be limited only by the initial energy of spin it can have (which may have no theoretical limit). And, if free to move, there is no reason why it should not continue to accelerate as a result of a continually applied force.

I have provided a possible explanation for the constancy of the speed of light in *The Special Theory of Reality*^{2&3} that implies that this is not a cosmological speed limit, and this also implies that the many particles that make up photons exceed c in the longer spiral paths they follow, and that individual photons can go faster or slower than c , but changing in frequency as they do so because frequency depends on rotation. This means Einstein was right to say that light, as a multi-photon phenomenon, always travels at the same speed relative to an observer, but we should expect that individual photons can travel at different speeds.

There is, therefore, more reason to think that individual photons have variable mass that decreases as rate of spin decreases (which determines frequency) with thus increased speed, if my premise is correct that the mechanism by which

radiation is released depends on high rotational energy being transformed into higher translational energy with lower spin. And this is entirely consistent with the relationship that de Broglie demonstrated – increasing frequency with momentum. There is, therefore, no force that propels the photon, but rather a loss of mass that explains the very high acceleration involved, and the very clear view of mass/energy equivalence that I mention above.

This interpretation appears to conform very closely with the view of Richard A. Mould, the author of *Basic Relativity*⁴. On Page 117 he says:

"You can imagine that energy and mass are really the same thing, and that this thing simply manifests itself in different ways. In one form we recognize it as mass, and in another form we recognize it as energy. In one form it reflects the inertial properties of matter, and in the other form it is a measure of the work related activity of matter. You can think of $E = mc^2$ as representing a change of this things units as from feet to inches or, in this case, a change of dimension from kilograms to joules. Consequently, neither mass nor energy can be destroyed and the other created in its place. Total mass and total energy are equivalent, not interchangeable in that way."

(The underlining of "matter" is mine, because this is fundamental to my theory. Pure energy is nonsense; energy has to be a property of matter)

It is also interesting to note his comment in the preceding paragraph that "it is reasonable to speculate that the rest mass of an object is also a measure of some kind of internal energy." This accords with my conclusion that mass is dependent upon spin. The longer quote also seems to tie in well with my ideas, but I would go a little further and explain "thing" as motion in either of its two basic forms: spin and translation.

We can thus imagine radiation to be represented by a situation very similar to a hammer thrower converting the rotational energy of the hammer as he swings it round, into translational energy as he lets go. So we need to look for some mechanism that will play the role of the hammer thrower. Something needs to contain high rotational energy in a way that is capable of releasing particles when disturbed.

The answer is quite obvious if elementary spinning particles follow ever tighter curved paths the faster they spin. Such particles with the same rate and plane of rotation will form into rings that can be contained by rings of particles with less spin. More internal rotational energy can be added, such as by an incoming photon, but in rings that are thus more constrained by the outer rings, awaiting release when disturbed again.

In *The Special Theory of Reality*^{2&3} I showed how this gyroscopic arrangement suggests many answers for the structure and behaviour of particles, radiation and forces. Electrons, positrons and quarks are shown to have arrangements of rings within rings at right angles (explained below) with quarks held together by linking rings of anti-neutrinos. Rings or groups of rings released when the containing mechanism is disturbed explain force carrying particles and radiation. This is also shown to be a possible explanation for exclusion principle

and the way electrons can be shared, and supports Professor Kanarev's conclusion regarding the lack of electron orbit ⁵.

It also seems possible that my rings and helixes are the loops and strings of string theory. The crucial difference as far as I am concerned is that I have a very clear idea as to the precise nature of the energy involved (spin, orbit and translation of real particles). I have never been happy with the expression "strings of energy". This implies that energy has some form of existence. This idea, which seems to assume that energy is some sort of magical substance, does appear more like alchemy than science to me. Many physicists now seem to have adopted the science fiction concept of "pure energy", which is a cop-out because it can be used as an apparently impressive way of seeming to explain anything, from healing to particle physics, without any real explanation at all until the true nature of energy is understood. Perhaps most significantly, my tiny particles, spinning in the same direction, will feed off each other's energy when they touch, giving each "string of particles" many frequencies of vibration, in a way which would be very hard to predict other than as probability, thus explaining the very nature of string theory and quantum mechanics.

The curvature of motion that I theorize for the tiniest possible particle based on its spin (mass) and translation, i.e. total energy present, is thus quantum general relativity. This idea thus appears to have the potential to unify relativity with quantum theory and string theory, subject to mathematical justification.

A further conclusion that was not clearly expressed in *The Special Theory of Reality*, is that the inertial effect of spin acts only in the plane of spin. This is implied in my account of the way that gyroscopic leptons and groups of gyroscopes in hadrons multiply the effect and cause it to operate in all directions. But it is very important to draw attention to this fact, because considerable understanding follows from it.

It appears to me that such understanding may well have been known for many decades, possibly over a century, but has been suppressed and may even have been known by ancient civilizations. Evidence of these possibilities is provided later.

The first explanation that follows is that elementary particles with spin are free to move along the axis of spin, thus explaining the nature of neutrinos and anti-neutrinos (which have only left and right handed helicity respectively), indicating perhaps that neutrinos and anti-neutrinos may thus be the same in all but direction of motion along the axis relative to the direction of spin.

If, however, the neutrino has some velocity at right angles to the axis of spin, my interpretation of relativity means that this motion must be curved depending on rate of spin. It will thus move in a spiral if it has velocity at right angles to the plane of spin, i.e. along the axis of spin, and in a stationary circular orbit without that component of velocity. A ring comprised of many neutrinos will thus display the same polarity of inertial mass, and will thus move face-on unless constrained to move in another direction (as I suggest applies to the two internal rings

in the photon). This explains why rings within rings at right angles act as an effective containing mechanism until the outer ring or rings move round into the same plane of spin permitting the release of bosons, photons and gravitons.

So there is a clear reason why spirals are natural and the likely explanation for forces including gravity. But this analysis suggests that what we loosely call "gravity" can have various components that collectively come under the umbrella of general relativity. We only have to look at the page that precedes the chapter referred to above in Einstein's book ¹ on the special and general theories, for an indication that this may be the correct interpretation of what Einstein was trying to convey. At the end of Chapter XXII we find the following statement after the conclusion that the general law of the gravitational field must be satisfied for all gravitational fields obtained as the result of accelerated motion:

"Even though by no means all gravitational fields can be produced in this way"

He makes a similar statement in Chapter XX (page 69 in the 15th edition 1954) in clarifying that it is not always possible to choose another reference body such that no gravitational field exists with reference to it:

"This is by no means true for all gravitational fields, but only for those of a quite special form. It is, for instance, impossible to choose a body of reference such that, as judged from it, the gravitational field of the Earth (in its entirety) vanishes"

My interpretation of the general theory is that Einstein demonstrates the equivalence of fields produced in different ways. Many seem to have wrongly interpreted this to mean that there are no gravitational forces and that some "thing" called space-time is distorted in the presence of mass. Einstein provides two clues as to why this is not the correct interpretation by referring to "pure gravitational field" and clarifying in adding Appendix V and a note to the 15th edition that:

"Space-time is not necessarily something to which one can ascribe a separate existence, independently of the actual objects of physical reality"

In Appendix V, page 141 he had previously concluded:

"It appears to me, therefore, that the formation of the concept of the material object must precede our concepts of time and space"

This last statement reflects my conclusion that until matter exists with some regularity of motion, the concept of time has no meaning. So it is apparent that the idea that space-time is an entity that can be affected when matter (with mass) is added is absurd. Space-time is the motion of matter. Einstein was also happy to resolve Descartes' dilemma about the concept of space having existence, not by ruling out the possibility of empty space, but by preferring the concept of spatial extension and the qualification that the existence of field meant that there was no space empty of field and thus no empty space. This should not be interpreted as meaning that Einstein could not conceive of the

notion of empty space because at the start of chapter XVII he says:

"Space is a three dimensional continuum"

And in Appendix V, page 155, he says that if we imagine the pure gravitational field to be removed:

"...there does not remain a space of type (1), but absolutely nothing, and also no "topological space".A space of type (1), judged from the standpoint of the general theory of relativity, is not a space without field..."

In Appendix 1 of my book *The Special Theory of Reality* ³ I argue that matter can only have extent and form in the context of its antithesis, i.e. that which cannot have extent or form, so it is pointless to contemplate the existence of space, and with it the extent of space, because it is the antithesis of that which has existence. Simply put "something" makes no sense without "nothing" i.e. no *thing* – the absence of any *thing*.

Clearly the concept of nothing being curved is ridiculous. The idea of a particle naturally following a curved path as it spins is clearly not as ridiculous, but needs to be experimentally confirmed, especially as it has profound implications for the laws of Newton. The fact that this idea appears to suggest many answers, including the possible nature of "pure gravitational field", the nature of mass (without the hugely expensive need to verify the existence of the Higgs boson), the discovery of quantum general relativity, and possibly the explanation of all forces by the action of one particle, has to make such experimentation worthwhile.

But there is a further, overwhelming reason why experimental confirmation is more than of scientific interest. It would confirm the possibility that pure gravitational is a real force that almost certainly can be cancelled, deflected, disrupted or nullified in some way. In the context of ever more likely catastrophic climate change the value of genuine anti-gravity is incalculable (at least from a purely philosophic and philanthropic point of view, ignoring politics). And, of course, it would be of immense value to space exploration.

Additionally, verification of this possibility would confirm two possibilities of the highest possible significance to both science, and the integrity of science. This is a matter that I consider so important that I include evidence that some may argue is inappropriate in a scientific paper. I will, however, justify it in the overall context of collaborating evidence (scientific and quasi-scientific) when presenting it in the section below on experimental and observational evidence.

Before I present this evidence, however, it is important to clarify my interpretation of the clearly different types of gravitational field to which Einstein drew together in the general theory of relativity and also add my own, that may be implied in general relativity, but probably not fully or clearly understood by Einstein. I see four basic components to the gravitational fields that determine the motions of planets as follows:

1. The rotation of the universe
(not including completely empty space for which the concept of motion is nonsense)
2. The rotation of the galaxy
(that implies that the galaxy may follow a curved path in my theory)
3. Pure gravitational field resulting from the action of spirals of tiny particles (probably neutrinos)
4. Curvature of motion due to the spin of the planet
(not specifically understood by Einstein perhaps, but implied in total mass and energy present)

In my view, 2 and 4 are likely to be relatively insignificant, subject to the possibility that the true rate of rotation of the galaxy (and other bodies) may be disguised by the rotation of the universe. I do not, however, expect the rotation of the universe to be limited by considerations such as the limiting velocity of the speed of light.

1, 2 and 4 are inertial effects of spin, and the fact that the evidence I present implies the polarity of inertial effects of spin, suggests that the gravitational effects created in this way can be counteracted in a directional manner. This is suggested by the experiments of Professor Laithwaite that I mention below. Canceling the effects of pure gravitational field, however, is not so straightforward. But there are several clues in the considerable evidence that I present that all point to a particular solution.

3. Experimental and observational evidence

3.1 Experimental confirmations of my interpretation of light and gravity

In *The Special Theory of Reality*, I referred to experiments by Alois Mair in 2001, confirming that the orbital angular momentum shown by Les Allen in 1992 to apply to twisted light, resided in individual photons ⁶, verifying my interpretation of the de Broglie component as orbiting particles moving at right angles to the plane of spin and orbit. I also referred to the experiments of Maurice Allais on the gravitational effects of eclipses in the 1950s, repeated by others, that suggest gravity to be a real force that can be blocked ⁷.

3.2 The experiments of Professor Eric Laithwaite

In 1973 Professor Eric Laithwaite of Imperial College, London was invited to give an evening lecture at the Royal Institution. Unfortunately, such exception was taken to the implications for the cherished laws of Newton by his demonstrations with gyroscopes, that this was the only occasion in the history of the Royal Institution that its proceedings went unrecorded. Fortunately, however, it seems that such demonstrations were deemed suitable for children, because he

was invited to give the 1974/5 Christmas lectures there. These included his work with linear motors and one of the lectures included his amazing demonstrations with gyroscopes.

Videos of the demonstrations can be found on <http://www.gyroscopes.org/1974lecture.asp>. This site also contains a link to an extract from his book, *Engineer Through the Looking Glass*⁸ that contains drawings and explanations.

In one of these demonstrations, a child is asked to try to lift an 18lb gyro (a 12lb wheel mounted at one end of a 6lb shaft) before the wheel is spun. By holding the shaft with one hand near the wheel the child could just about manage to lift the device to shoulder height, but when asked to do so with both hands furthest removed from the wheel he could not lift it at all. A child of about the same size was then firmly strapped to a pole mounted on a circular platform that was free to rotate. The wheel was then spun to high revs and the child strapped to the platform was asked to hold the shaft with both hands at the end furthest from the wheel. As the boy tried to lift the gyro, which seemed relatively effortless, he started to rotate, and as he was rotating he was asked to raise and lower the gyro, which he did, apparently with even less effort.

Professor Laithwaite praised the boy's courage, and I think that it is safe to assume that the boy had been briefed beforehand and perhaps practiced the feat without the audience, because Laithwaite explained that had the boy dropped the gyro, it had enough energy to bounce 200ft. off the floor.

So perhaps the audience at the evening lecture the year before were not only concerned about the implications for the laws of Newton, but also for their safety, because on that occasion Laithwaite himself raised a 50lb fast-spinning gyro effortlessly above his head with one hand. This is how Richard Milton described it:

(see <http://www.alternativescience.com/eric-laithwaite.htm>):

"Standing in the circular well of the Institution's lecture theatre, Laithwaite showed his audience a large gyroscope he had constructed -- an apparatus resembling a motorcycle wheel on the end of a three foot pole (which, is precisely what it was). The wheel could be spun up to high speed on a low-friction bearing driven by a small but powerful electrical motor.

Laithwaite first demonstrated that the apparatus was very heavy -- in fact it weighed more than 50 pounds. It took all his strength and both hands to raise the pole with its wheel much above waist level. When he started to rotate the wheel at high speed, however, the apparatus suddenly became so light that he could raise it easily over his head with just one hand and with no obvious sign of effort."

(Former Design Engineer, Richard Milton has been a writer, journalist and broadcaster for more than 30 years writing mainly on science and technology)

Clearly, Professor Laithwaite would have had to resist the action of the gyro in trying to spin him round as he started to lift it horizontally (shaft horizontal) initially, but if my conclusion about the polarity of inertial effects of spin is correct, the final lifting motion with one hand was so easy because it was in line with the axis of spin. The fact that the axis of spin is a preferred

direction of motion for a body with spin is suggested in figures 4.20 and 4.23 in *Engineer Through the Looking Glass* (based on the last demonstration in the lecture), which I have reproduced in my own drawings below, with Laithwaite's own explanations of this part of the Christmas lecture in bold italics.

The apparatus is a simple wheel in a bearing ring with the ring tethered near one end of the wheel shaft and suspended from a point on the ceiling of this theatre some 50 feet above us. A retort clamp (stand?) stem on the bench marks the point directly below the support point. The wheel is spun and held with its axis horizontal and with the supporting cord vertical. This cord contains a swivel to prevent it imparting torques to the gyro.

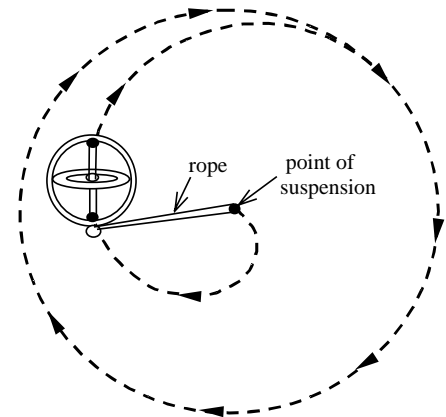


Fig. 4.20 A gyro tethered to the roof (over 50 feet high) orbiting (plan view)

Upon release, the gyro traces out a path as shown in plan in Fig. 4.20, the end of the shaft remote from the supported end acting as 'leader'. The wheel spirals out from the centre until it appears to be in stable orbit in a circular path about 20 feet in diameter (when the video shows the motion to be then not always along the axis of rotation - stable orbit appearing to provide greater freedom of motion than when the gyroscope moves out of this "neutral" situation under its own volition).

Now the gyro axis has 'drooped' to the position shown in Fig. 4.21 (not shown - the shaft is shown about 15 - 20 degrees below horizontal). At first we thought that this was evidence of frictional power loss, but it is not so. Fig. 4.22 (not shown - demonstrating that the gyro is higher as it spirals out) shows that had it been otherwise it would have needed to extract energy from the rotor. Instead it chose not to raise its mass centre.

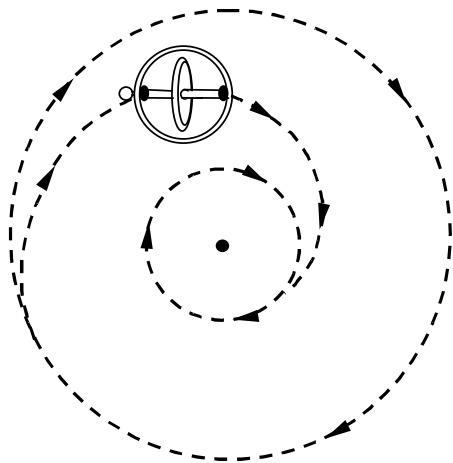


Fig. 4.23 Gyro illustrates Bohr atom!

But what is happening now? For no good reason we can find, it has begun to spiral inwards, still with 'nose leading' as shown in Fig. 4.23. As it does so, the axis of spin begins to rise again. Will it return to centre from where it started? No, it goes into steady orbit at about 6 feet diameter, completes about six revolutions – and again starts on an outward track again! Once again it reaches full amplitude, performs several orbits there and returns to the 6-foot orbit once again.

The most enthusiastic among us might be proclaiming: 'The Bohr Atom!'

The relevant thing, of course, is the 'nose leading', at least while changing orbit, which means that the gyro is tending to move in the direction of the axis, at right angles to the plane of spin, as my theory suggests. Very significantly, of course, the gyro starts directly under the point of support and moves forward in the direction of the axis of spin completely of its own volition. The only way that it could do this (assuming no input of energy from an unseen source) is by transferring some of its energy of spin to energy of translation. The video shows that the forward pointing axis of spin is not always maintained in stable orbit, as we see in planets.

The other comment I would make is that I would expect the gyro to actually lose and gain speed of rotation as it moves to a larger orbit and back to the smaller one, the sizes of which I would guess is something to do with harmonics dependent on the length of rope and other factors. A stroboscope would thus be a useful addition to the apparatus to determine if I am correct in assuming the changing rate of rotation. The change would probably be small, because Laithwaite points out the huge amount of energy of spin involved. The fact that it can then even move once again from the smaller orbit to the large one suggests that this is achieved through variable rate of spin.

What subsequently confused Laithwaite and others was the fact that no forces can be identified. This is because there are

none! But then this is confusing, because how else do we explain the fact that a gyroscope, supported at only one end of its axis, can remain horizontal? The answer is that the effect produces no upward force at all, but the antithesis of force. By this I mean that a force will tend to move (accelerate) mass. The effect of spin is to do the opposite (in the plane of spin). So the very fast spin of the gyroscope produces an inertial effect so great that it can completely resist the very weak force of gravity.

We see that as the gyroscope moves into higher orbit, gravity is able to pull it to an angle below horizontal. But when it moves back into lower orbit it returns closer to the horizontal, indicating to me that reduced translation has allowed spin to increase again. I concede that all this is counter intuitive, especially to one trained in mechanical engineering as I am, but it is necessary to see that mass has not been fully understood, as is apparent in the search for the Higgs boson.

It is also interesting to see the comparison that Professor Laithwaite drew between the gyroscope and an electron, because I had concluded that the structure of the electron is based on a gyroscope. I am not sure that electrons always orbit, and I am not sure that there is a dominant internal spin. I think that it is rather that in the case of electrons and light photons, the dominant spin is to be found in the outer ring, which thus determines the primarily straight-line motion of these particles at right angles to the plane of spin of the outer ring.

There is evidence to suggest that planets do indeed spiral out as suggested in these gyroscope experiments, by losing energy of spin. Russian *Izvestia Nauki* states:

"According to estimates by Prof. Sergei Novikov, the day grows longer by 0.0023 seconds every one hundred years. As a result, the distance between Earth and Sun grows by 22.6 m per year. The estimates are based on data provided by high-precision lasers used for monitoring space satellites.

A reconstruction indicates that Earth was revolving like crazy some 3 billion years ago. One day comprised 19 hours back then; it is expected to equal 25 hours in 100 million years."

Source: <http://english.pravda.ru/science/earth/87745-0/>

The same report claims that the radius of the Earth is increasing by 1mm per year, which accords in principle with my theory of interdependent gravitational fields, though the reasons suggested are different.

3.3 The experiments of the late Dr. Bruce DePalma and others with spinning balls and gyros

Details (as far as they appear to be available) of the experiments of Dr. DePalma and others with spinning balls and gyros are included in appendices 1 & 2. I have included the gyro drop experiment first because there is a reasonable description of the apparatus and methodology, and the results are clearly displayed and analyzed.

Unfortunately this is not the case (as far as I have been able to ascertain so far) in respect of the spinning ball experiments. The general results only are stated and analyzed by DePalma in Appendix 2.

In the case of the gyro drop experiment, it is clear that the direction of motion is along the axis of spin, and the results appear to confirm that a spinning gyro falls (accelerates) faster than the same gyro with no spin. The analysis of the results suggested that the increased acceleration was equivalent to a "fictitious" force increase of 0.024lb in the 7.23lb weight of the non-spinning gyro. In my view, however, the acceleration was not caused by an increase in the weight of the gyro, but rather by a decrease in its inertial mass along the axis of spin, as also suggested by the experiments of Professor Laithwaite. This corresponds to an increase in inertial mass in the plane of spin.

Although the experiments of Dr. DePalma and others with spinning balls are not entirely clear, the fact that he concludes that balls with spin have trajectories in which the spinning ball goes higher and falls faster than the non-spinning control, implies the same reduction in inertial mass, provided that we can assume that the balls were spinning in a plane at right angles to the path of motion in which the plane of spin faces forwards.

Working on the basis that those working on these experiments would surely have taken account of the very well known effects of spinning golf balls (even those before dimples were incorporated) it is reasonable to presume that they would have ensured that the direction of spin was in the plane that would not give lift, hook or slice as a result of air friction. Clearly, however, it is preferable for these experiments to be repeated to be absolutely sure, and if they can be done in a vacuum chamber or space, the confirmation would be clearer, and may also confirm curvature of path at right angles to the axis of spin.

The inertial effects of spin also appear to be confirmed by the following quote from Appendix 2:

*"If a rotating object is collided with an identical non-rotating one the non-rotating object is rebounded a greater distance than it would have travelled had it been struck with the same identical object non-rotating. A rotating object struck by an identical non-rotating control rebounds less than it would had it not been rotating."*⁵

Unfortunately the source ⁵ (Unpublished "Elastic Collision Experiment Data," Similarity Inst.) report, is hard to find, so again I think that these experiments need to be repeated, and this would be best done in space where the effects of friction can be eliminated.

I would assume that the experiment would be very difficult on Earth with any axis of spin other than vertically, at right angles to the surface on which the balls were resting, and that colliding balls would all be subject to this provision. Having played lots of snooker, billiards and pool, it is clear to me that on a horizontal surface, any other plane of spin would confuse the issue. This would mean, exactly as I would expect, that inertial

mass was increased in the plane of spin, but this does need to be clarified.

It is clear to me that Dr. DePalma had only a partial understanding of these experiments in some ways but also what appears to me to be an impressive intuitive understanding in others. For instance the following quote indicates a lack of understanding of energy:

"In the beginning, I developed the concept of variable inertia to explain the behaviour of rotating material objects, but variable inertia in itself contravenes the laws of physics in the sense of contravention of the laws of conservation of mass and energy."

In this he seems to have ignored the fact that energy is imparted to the balls in giving them spin. But when he said, "inertia of objects relates to the time energy flowing through them" he had in my view realized a significant but obscure truth that is apparent from my own analysis as demonstrated in my conclusion above that "What this analysis also demonstrates is that time and energy are just different ways of looking at the same thing."

And the following quote contains some truth and confusion that I think I can clarify:

"The momentous fact is that there is no special interaction between rotation and gravity. The behaviour of rotating objects is explained simply on the addition of free energy to whatever motion the rotating object is making. The spinning object goes higher and falls faster than the identical non-rotating control."

If we dispose of any special connection between rotation and gravity I like the understanding of inertia growing out of the statement of Rendle: " .. -- the immaterial medium of space itself is in motion --." The constancy of "G" then becomes the inertia of objects. The fact that all objects fall at the same rate (Earth normal acceleration) means that the substrate space is moving all objects along at the same rate. This we can define as Earth normal standard inertia, a unity factor to which all other conditions are compared. Thus rotating an object does not change its inertia (under the new standard) since the mechanical alterations in behaviour of rotating objects do not affect their inertia but are the result of the additional (free) time energy flowing through the rotating object by virtue of its accumulation of rotational quanta Ro."

My analysis of general relativity indicates more than one type of gravitational field, and that those dependent on macro rotations will show an interaction with a rotating object. This is because Rendle ⁹ was close to the truth but apparently missed the important distinction that the immaterial medium of space, need not have motion (and cannot have motion if this is intended to mean what it implies i.e. space empty of all matter) but rather anything in it will appear to have motion relative to everything else that is rotating.

In other words, as has been previously described to explain general relativity, an object that would follow a straight line path as a result of its inertia, follows a curved path because of the curvature of space, that I wish to clarify only appears curved

relative to everything else that is rotating, because the idea of absolutely nothing being curved or moving is ridiculous.

So the curved or accelerated path of an object in a gravitational field produced by curved or accelerated motion depends on the inertia of the object that has been shown (theoretically by myself, and experimentally by others) to depend on rotation. We can thus expect partial anti-gravity effects of appropriately directed rotations, depending on the combination of fields present, purely as an inertial effect of spin.

The question also arises, however, as to what extent the rotation of an object in a pure gravitational field might actually effect my hypothesized “screw-in” action of helixes of neutrinos. As this is thus also a mechanical effect it seems reasonable to suggest that fast enough rotation might reduce the effectiveness of the screw-in action. It is also at this point that DePalma’s conclusion about “*accumulation of rotational quanta*” does take on some possible significance.

In my view the pure gravitational field between bodies depends upon the exchange of gravitons (spirals of neutrinos) that maintain numbers of neutrinos and their rotational energy, so that the gravitational field of the Earth, for instance, is ultimately dependent on the gravitational energy within the Sun. All bodies larger than particles too small to emit gravitons, therefore, have interdependent fields that rely on exchange of rotational energy (or quanta), which, of course, also means that singularities are impossible.

DePalma suggests that rotating bodies accumulate rotational quanta to explain increased inertia. Whilst I would not rule this out, I think that it is unnecessary to explain changes in inertia, and the opposite is more likely in that a fast rotating body may lose neutrinos faster than gaining them and so lose some internal mass (at atomic and sub-atomic level) at the same time as reducing the effectiveness of the screw-in effect.

This effect is likely to be small except at very high rates of rotation and I am led to think that the most effective form of anti-gravity must depend on something at sub-atomic level that inhibits the screw-in action of neutrinos. I had concluded that this is most likely to relate to some low energy, highly specific action, because of the considerable evidence for human levitation being a real phenomenon.

3.3 Observational evidence of a quasi-scientific nature

Note: Some of the following evidence may be questioned by some as not being of sufficiently rigorous nature to warrant inclusion in a scientific paper. In answer to this I would make the following points. Firstly, like my last paper, this is purely heuristic, intending to guide to truth rather than present clear evidence of truth (though some truths may become quite clear). Secondly, evidence that in isolation may be of little scientific value, can itself take on a high degree of veracity when corroborated by evidence that is rigorous, or by the sheer volume of other or similar evidence. For instance, in the first case below, if Mark Twain alone had claimed to observe human levitation, we may take that with a pinch of salt, but when many

including a great scientist agree they have seen the same thing, and there are also a great many accounts of the same phenomena in many times and places by people we should also expect to have small reason to deceive or be deceived, it is then a matter of science to ascribe an appropriate degree of probability that this could be true and look for ways of further verifying it. The great mistake is to dismiss evidence because it is deemed to relate to something beyond the realms of science. Science is the quest for truth and nothing should remain beyond its scope of inquiry. In my view even miracles are only such because we have so far not adequately explained them. The Church may not like this approach; I think that Christ would, and probably be delighted that we take the trouble to confirm just how he may have actually walked on water. But finally, some of the evidence that I present relates to what must surely be the most significant realization in the entire history of science. If scientists choose to ignore this evidence, as they have ignored the evidence of human levitation, the aliens that are almost certainly already on the planet should rightly conclude that humans are still as dumb (or self seeking) as history suggests.

Such evidence of human levitation is given on page 24 of my paper² submitted to the Tulsa 2006 conference and includes the following:

*D. D. Home levitated many times after that and performed the feat in front of large numbers of witnesses over 40 years. These included Thackeray, Emperor Napoleon III, Ruskin, Rossetti, Mark Twain and, most notably, William Crookes, one of the era’s renowned scientists, later to be knighted and become president of the British Association for the Advancement of Science. He wrote in the **Quarterly Journal of Science**: ‘The phenomena I am prepared to attest are so extraordinary, and so directly oppose the most firmly – rooted articles of scientific belief – amongst others, the ubiquity and invariable action of the force of gravitation – that, even now, on recalling the details of what I witnessed, there is an antagonism in my mind between **reason**, which pronounces it to be scientifically impossible, and the consciousness that my senses, both touch and sight, are not lying witnesses.’*

My book refers to many other instances of levitation, perhaps the most impressive of which is the amazing and compelling account of Joseph of Coppertino, but there is much more recent and current evidence of anti-gravity effects. All such work is usefully brought together following website of Tim Ventura www.americanantigravity.com

In most cases only a small effect has been produced and some effects mentioned are not true anti-gravity but simply means of producing lift, but Tim Ventura’s account of the high voltage Hutchison effect shows a remarkable similarity to F.L. Burr’s description of D.D. Home’s levitation in an apparent gradually establishing or self-reinforcing effect that is similarly dramatic.

I had concluded in my book³ (Chapter 7, p. 86) that all the evidence of human levitation suggested that the subject had some control over the phenomenon that was most probably related to the nervous system. For various other reasons I suspected that it also depended on a very specific, probably high frequency of vibration, perhaps related to that of the iron

10 Robert F. Beck: *An Heuristic Paper on the Nature of Mass*

nucleus. On reading Tim Ventura's article, "The Ultimate Hutchison"¹⁰ I made the following suggestion to Tim:

What you need to do now is consider the evidence for human levitation and clues left in crop circles. I have concluded that the Mossbauer effect in iron may well provide the answer. It may well be that John is interacting in some way but I do suspect that a specific frequency related to iron will explain levitation. This is after all where most terrestrial gravitons emanate. See my theory of gravitation and possible uft which analyses all this in The Special Theory of Reality. See www.einsteins-revolution.com Having been helped by a homeopathic remedy I came to exactly the same conclusion as to how it must work.
Robert F. Beck

The significance of homeopathic remedies is that Ted Gagnon's 30 years of research in this field suggested that the specific frequencies of vibration of the healing substance could be passed on to the atoms of the solvent (The Ultimate Hutchison, p.26). In this way the exact anti-gravity frequency may be passed on from humans to objects and thus from Hutchison to his apparatus. I suggested in my book that many paranormal phenomena might operate in a similar way, the specific frequencies being passed on in complex form by the many frequencies of vibration that can be stored in spirals of neutrinos all spinning at slightly differing rates in a manner that might explain string theory.

In the last few months I have found significant evidence to suggest that exactly this mechanism is as described in accounts of anti-gravity technology relating to alleged human and alien levitating craft, the former stemming from the work of Tesla as passed on to Otis Carr and the latter stemming from the Roswell crashes and subsequent alleged collaboration with aliens. And I have also found it in records of ancient technology in India.

It is thus necessary to examine the extent and nature of any observational or other evidence that might confirm the possibility of the truth of these claims that appear to verify my conclusions.

The initial evidence was based on video evidence given by Ralph Ring describing the Work of Otis T. Carr and his association with Nicola Tesla that I analysed in depth in a report produced December 2006 entitled "Possible Evidence of the Greatest Ever Crime Against Humanity?" (Shortened version included in NPA Tulsa 2006 Proceedings Vol.3, No. 1, full version available on www.einsteins-revolution.com).

See <http://video.google.com/videoplay?docid=3808996975040613718&hl=en> for video.

Ring had described how the craft produced by Carr was activated by the will power of those present in selecting the particular frequency represented by the display of ultramarine in a crystal device. Subsequent to producing the above report I discovered a fuller account of the work of Carr including his plans and descriptions.

See http://www.projectcamelot.net/ralph_ring.html

This item is introduced by the following quotes:

"You must always work with Mother Nature. Force is never necessary. The laws of the physical universe are really very simple."

Ralph Ring, interviewed by Kerry Cassidy, August 2006

"You are assuming that ET crafts are made with our technology... Many years ago, we made that same mistake and it took us several years to correct the mistake and start fresh from the drawing board. Their technology is nothing similar to ours... We started from scratch and learned their principles of dynamics, physics, etc... The ET craft was manufactured using ET technology. This craft was built many years before we developed flight. They used a different physics principle that we still don't fully understand... I've worked on this project for 12 years and I sometimes call myself dumb because I try to compare the craft with our technology. Doing that is dumb, as all who have worked on the craft over the years have come to understand."

Los Alamos National Laboratories physicist, quoted in
Exempt from Disclosure, by Robert Collins

"The pilots... knew they were going very fast, but it was so fast that they saw things stand still in time... At first our pilots could not interface with the craft. The Alien Life Form corrected the problem with three fingers on the globe panel. Then the wave formed and the craft began to cooperate and generate lift..."

James Jesus Angleton (CIA), quoted in **Exempt from Disclosure**, by Robert Collins

"The vehicle was simply an extension of their own bodies because it was tied into their neurological systems..."

Col. Philip J. Corso, **The Day After Roswell**

"My flying machine will have neither wings nor propellers. You might see it on the ground and you would never guess that it was a flying machine. Yet it will be able to move at will through the air in any direction with perfect safety."

Nikola Tesla, interviewed in **The New York Herald Tribune**, October 15, 1911

The plans of the craft produced by Carr show two horizontally mounted counter rotating discs with devices called Utrons which appear to be related to induction coils that presumably induce rotation in the complex disc structures (on the same principle as electricity meters) and perhaps generate a particular frequency dependent on the speed of rotation of the discs. The plans also show various coils and a Van de Graff generator, but it is not clear exactly how these are employed except obviously in producing high voltages. One coil, however, designed by William J. Hooper and constructed by a Mr. Braumgartner, was apparently wound in such a way as to self-cancel induced magnetic fields, producing instead a simulated gravitational field. Carr describes the basic principles of operation as follows:

"Any vehicle accelerated to an axis rotation relative to its attractive inertial mass, immediately becomes activated by free-space-energy and acts as an independent force... We have shown that a charged body, accelerated to an axis rotation relative to this attractive inertial mass, indicates polarity in a given direction.

"The dip-needle points, say, up toward the top of the body. But mount this while rotating body, with its spindle, on another platform and rotate this platform on a spindle, then if the counter-rotation is greater than the inertial forward rotation of the body, a dip-needle on the second platform will point down while the first dip-needle points up, indicating complete relativity of polarity. When the exact counter-rotation matches the forward rotation the body loses its polarity entirely and immediately becomes activated by free-energy (tensor stresses in space) and acts as an independent force... The above-described assembly of counter-rotating charged masses becomes weightless and will escape the immediate attraction of gravitational forces."

Carr, therefore, explains the effect in a way similar to DePalma. But it appears that the electrical effects and purely inertial rotational effects were merged into one idea. As I have explained I think that the two effects act separately on the two types of gravitational field.

It appears to me that the counter rotating discs perform two basic functions. A gyroscope gives the first clue. It has the unfortunate property that if you try to move it laterally it will tip, which is what causes precession. I have seen early films of the first attempts to produce "flying saucers" where the craft wobbles, which I suspect resulted from having just one rotating disc. Counter rotating discs would counteract this problem.

Secondly, two discs, individually controllable, would give better control over the vertical motion (up or down), or motion at right angles to the inclination of the craft.

I do, therefore, find various reasons why this craft may represent a genuine account of anti-gravity technology in 1950s USA. I do not, however, find all that Otis Carr is alleged to have said particularly convincing in demonstrating that he had a clear understanding of the physics involved, nor the exact effects that were produced. I cannot rule out the possibility, therefore that this may not be genuine without further collaborating evidence.

The most significant evidence is Ralph Ring's account of the jellification of aluminium, which is confirmed in the experiments of John Hutchison to be a high voltage, high frequency effect of apparatus also employing Tesla technology (The Ultimate Hutchison, p.23).

Evidence concerning the interaction of nervous systems with anti-gravity technology, however, depends on the possible veracity of the statements made above by James Jesus Angleton (CIA) and Col. Philip J. Corso regarding alien technology. It is thus necessary to consider the veracity of any evidence that may support what would be the most significant discovery in the history of science. This is no small task and it has to be said that

the extent of evidence, sound or unsound, is now so profuse that it is really beyond the scope of one paper to examine it in total.

I shall, therefore, present only such evidence as establishes, beyond reasonable doubt, certain definable considerations. Firstly, I will try to eliminate the possibility that the most convincing UFO/USO sightings might be explainable by human technology, e.g. either known or concealed (black projects).

I had been aware from one source, of UFO sightings prior to the Wright Brothers first flight. In *The World Atlas of Mysteries* ¹¹ Francis Hitching lists 31 sightings in the 19th century, some of them very impressive if true. It was, therefore, important to see if these could be verified from another source. The alternative source found does confirm many of the sightings but also lists considerably more, many in considerably more detail, and going back to 1751 and even long before that, though I have chosen that date as adequate to make the point.

Source: Book of Thoth, see <http://www.book-of-thoth.com/sections-listarticles-35.html>

I have analyzed this larger source in Appendix 3 and crossed referenced it to the first source in Appendix 4. The sightings were divided into the following categories:

- Green text:** Suggests inertial effects of spin (underlined in this format)
- Red text:** Clearly many or highly credible witnesses (bold italic in this format)
- Orange text:** Physical evidence (italic in this format)
- PNP:** Possible natural phenomenon
- PHT:** Possible human technology (e.g. Balloons)

In Appendix 3 a total of 90 sightings are listed. Of these 14 might possibly be explained by natural phenomena and 13 could have been balloons or similar man-made objects (though considerable doubt remains about this possibility), leaving 63 clearly requiring other explanation. Further analysis of these 63 revealed the following highly significant points:

- 6 were made by astronomers and 4 more by other scientists.
- 17 involved multiple witnesses, up to 200 specified, and whole towns or areas.
- 5 were from ships, two of which involved USOs.
- Other witnesses included a judge, policemen, two soldiers (sentries), a train engineer and two sons of the Prince of Wales.
- 11 cases included physical evidence, including craft that landed, craft that crashed causing damage, gelatinous material, unknown/unusual metal, cattle mutilation, physical harm by a three metre alien, and a dead alien (small) that was given a funeral.

The greatest number of shapes reported (14) were round, spherical or discs, followed by cylindrical/torpedo/cigar shapes (6), with square, rectangular, spindle and crescent shapes also reported. Three were either described as huge or measuring hundreds of yards or metres. Many were described as luminous or gleaming or emitting powerful beams of light, mostly directed

downwards. Some flew in formations and some craft emerged from others.

Those familiar with UFO reports this century and last will thus be aware of a great many similarities, and in my view this represents compelling evidence that we can rule out human technology in a great many cases and must, therefore examine 20th and 21st century reports to see if it possible to establish the extent to which this remained true.

Before moving on to this, however, I would draw particular attention to two of the nineteenth century reports in Appendix 3, and some in Appendix 4 that I have not mentioned, which although not mentioned in the Book of Thoth have increased veracity in the context of the total evidence in both appendices, and will be shown to have particular significance in the light of other evidence I will present.

The 1897 Aurora, Texas report is singular in meeting many criteria of probable authenticity, including evidence capable of being confirmed now. There were many witnesses including a judge and a US Army Signal Service officer, who was also an amateur astronomer (though other reports say he was the local blacksmith – why not all three?). Strange metal was found, later examined by a professor at North Texas State University, and considered to be mainly iron but non-magnetic and shiny and malleable, which rules out stainless steel, which can be non magnetic, but certainly not malleable, sounding more like aluminium and silver as described in the report initially. Later thorough analysis in 1973 confirmed one sample to be non-magnetic iron (75% plus zinc 25%) and others to be an unusual aluminium alloy of a type (with slight differences) not produced in US labs until 1908-10 and not commercially available until 1920

(source: http://www.mufon.com/famous_cases.htm)

The craft, which did extensive damage, was assessed as weighing several tons because of its heavy metallic structure, thus almost certainly ruling out a balloon (though metal clad balloons were not unknown, but very unlikely in the USA at this time), and the pilot is clearly identified as being alien and is buried in a location that should still be identifiable. According to the MUFON report, the headstone, that had a scratched cigar shape with three round portholes or windows, was stolen during their 1973 investigation, when their request for exhumation of the body was denied. They had, however, found the same metal detector readings at the grave site as found where metal fragments were revealed. The grave is described as being under a 200 year old gnarled Oak tree.

The 1973 resident at the crash site Mrs. Brawley Oates, who had lived there with her husband for 26 years, said that not even weeds would grow where the metal was found. Russian investigators of UFO landing sites say that all forms of life seem to shun these areas, even bacteria.

The April 21st 1847 (or more likely 1897 – 1847 appears to be a typing error) LeRoy, Kansas report appears at first to be a possible airship. There are, however, reasons to think otherwise. This was 300 ft long and with an apparently powerful

propulsion and control system that in particular allowed it to rise swiftly. The first powered and controlled flight, traveling 27 km from Paris to Trappes, was made by Henri Giffard on 24 Sept. 1852 (Encyclopaedia Britannica ¹²). The wind was too strong to allow him to make way against it, so he was unable to return to the start. However he was able to make turns and circles, proving that a powered airship could be steered and controlled, but certainly not move fast in any direction, which of course applies even now.

Also the early airships were powered by steam or gasoline engines, which contradicts reports of no sound, a feature peculiar only to non-powered balloons or UFOs. Airships were, apparently, not produced in the USA before the 20th century.

There are then three other clues in the LeRoy and probably related cases. Cattle mutilation is highly suggestive of 20th century UFO reports, and the occupants of the craft are described as “strange looking beings”. There is then the report of 1st April from Everest, Kansas in which “the whole town saw an object fly under the cloud ceiling. It came down slowly, then flew away very fast to the southeast. When directly over the town it swept the ground with a powerful light. It was seen to rise up at fantastic speed until barely discernible, then to come down again and sweep low over the witnesses.”

It has to be possible that this is the same craft, in which case it could not possibly be an airship or any other human technology known at that time. The means by which the craft rose, linked to the rotation of a 30ft wheel, may thus indicate the polarity of inertial effect of spin, as part of the alien technology that Robert Collins said “*used a different physics principle that we still don't fully understand...*”

Tantalisingly, the first aluminium framed and clad airship was produced in 1897, but in Germany by David Schwartz, and it failed in its first flight because of gas leakage and faulty power transmission (Encyclopaedia Britannica ¹²). Could such a craft have crossed the Atlantic? This seems very unlikely and especially as early as April 1897, and certainly not by David Schwartz, because another source states that Schwartz's ship crashed and was unsuccessful and that he died of a heart attack after the crash. This source says that only one other metal clad ship was ever built, the ZMC-2 for the US Navy in 1931, and had a range of only 675 miles.

Source:

<http://library.thinkquest.org/05aug/01843/NonRigid.html>

Of those sightings contained in Appendix 4 not cross-referenced in Appendix 3, it should be noted that 16, 17 and 24 were by astronomers, and 29 is very impressive because two British warships reported a formation of flying discs emitting smoke trails. It is also significant that 22 (S.S. Vulture) is cross referenced to the 1879 report in Appendix 3 and this should be compared with the 1880 sighting from the ship Patna because the enormous, luminous rotating wheels are in one case above the water, and in the other (quite probably related) case, below the water.

Appendix 5 contains just a few selected reports from many during the period in the last century when human anti-gravity technology may start to confuse the issue (1950s), with or without alien help. Again we see the same consistency in the shapes, textures, colours, lights and luminous qualities, and speed/manoeuvrability seen before the 20th century. High veracity is again demonstrated by the nature of the witnesses, especially military personnel including radar operators and by multiple witnesses and some reported physical evidence.

Source: National UFO Reporting Centre (highly respected) <http://www.nuforc.org/> (Note: only a small proportion of reports from this site are included in Appendix 5. Attention is drawn to the fact that there are so many that I have had to limit analysis to a small sample. This applies throughout the 20th century, with numbers of reports ever increasing, right up to the present)

Accounts of air force jets trying to intercept these objects and being completely out-manoeuvred adds to this consistency as evidence that some of these mid-20th century reports are highly unlikely to be explainable by human technology. If they can be explained by black projects the implication is that anti-gravity as I have described it, was well understood and employed in many types of craft, some of them huge, with apparently no regard for secrecy, not only in the US, but elsewhere during the 1950s, but this cannot explain the very similar sightings in the 19th century and before.

The fact that encounters with aliens were also reported (reports 9,11,14,18 & 19) has to be added to the evidence in Appendices 3 & 4 that the only reasonable explanation for the evidence so far provided lies in long term alien presence on the planet. The following evidence, presented in the UK in the last few weeks on the History Channel in the UK, explains exactly how this is possible.

The programme, first seen by me in the first week of January 2007, has been repeated since and described as follows:

History Channel- Deep-Sea USO

In this hour, we'll dive deeper into the ongoing mystery of USOs--Underwater Submerged Objects--UFOs that have reportedly been witnessed going into and out of Earth's oceans. The show features a dive into the Santa Catalina Channel near Los Angeles to search for trace evidence of a 1992 USO event--a detailed account of the USS FDR, a magnet for USO and UFOs from the early 1950s until its decommissioning in the 1970s, with at least eight major sightings. Australia's famous Tully Water-Crop Circle Case is explored, as well as many other astounding and recent USO cases from the US and the world. Interviews include USS FDR veterans Chet Gruisinsky and Harry Jordan, USO researcher Dr. Stephen Greer, and Australian UFO expert Bill Chaulker.

Source: <http://www.history.com/schedule.do>

This is the evidence that confirmed in my own mind that alien presence was now beyond reasonable doubt (before finding any of the evidence contained in Appendices with the exception of Appendix 4). I have summarized the most

significant aspects below using mostly the words of the narrators or witnesses:

On 14th June 1992, 10.24 pm, multiple witnesses observed over 200 bright, disc shaped objects emerging from the water in the Santa Catalina Channel, and hovering for a moment before bursting into space. Reports were received at Police stations as far away as Malibu.

On 9th March 2006 a group of investigators commenced an investigation of the area in a boat with diving and recording equipment including video and a Geiger counter, which had been planned for some time. Coincidentally, just the night before, at 9.37 pm, many witnesses had again reported seeing silver, disc-shaped objects diving into and emerging from the channel. The group included Dr. Kevin Bruhn Ph.D, Patrick Uskert, Julius Willis and well-known UFO researchers Capt. William Birnes and Preston Dennet. The boat left at 8.37am and at 9.27 am, a water circle was observed and caught on video, vibrating constantly on the surface of the water. Uskert and Bruhn dived, but the channel was too deep and too dark to see anything. At a shallower area they took samples from the sea floor, one of which gave a positive Geiger counter reading. They concluded that the Redondo trench, up to 1 mile deep, was an excellent hiding place for UFO/USOs.

This item was preceded by Chief Petty Officer Charles Howard's account of lights under the water unlike anything he had seen in his 17 years at sea, and followed by many far more impressive accounts by seamen on the aircraft carrier USS Franklin D. Roosevelt (FDR), the first to have nuclear weapons in the early 1950s.

FDR was part of a major Nato exercise in 1952, called Operation Mainbrace. During this operation, on 13th September, several of the crew reported seeing UFOs and USOs, one reported as being ¼ mile wide! On the same day the Captain of a Danish ship saw a luminous triangular UFO and a week later three Danish officers reported seeing a shiny disc shaped object emerging from the water and heading for the FDR. A journalist on the FDR saw and photographed it or something similar on 20th September, when several of the crew saw a spherical object rise out of the sea, so close to a destroyer that there was physical contact causing damage. No fewer than six British aircraft confirmed the sighting of both UFOs and USOs, confirming one to be ¼ mile across. The British Ministry of Defence recorded the incident as "USO". President Dwight D. Eisenhower is reported as being present on the FDR at the time.

Also on the FDR, near Sardinia on 2nd October 1963, radar operator Harry Jordan noticed something moving very fast at 80,000 ft. (too high for an aircraft at that time). It moved in a zig-zag path towards the carrier and had no heat signature (highly unusual). According to Jordan, many seamen had visual observation of the UFO, which disappeared in a flash on the radar screen when two Phantom 2 jets were launched, but later returned, again seen by the crew. Jordan was instructed to remove all reference to this incident from the log by the Commander who confirmed to Jordan that it was a UFO but that nobody else was to know.

In September 1958, near Guantanamo Bay Cuba, Chet Gruisinsky, an engineer on the FDR, and others of the crew saw a cigar shaped UFO approaching at incredible speed that slowed right down so that he could see windows with non-humans inside. It changed colour to orange as it moved off, manoeuvring unlike any plane. Again the log was altered to omit reference to the incident. Some crew members known to have observed the UFO, but not Gruisinsky, were transferred off the ship.

Jordan, Grusinsky and Howard had presented their own evidence on camera, Jordan confirming knowledge of other similar incidents including Mainbrace and incidents in which ship's instruments were affected. Taken with all the other evidence I have presented, they and their evidence are entirely believable, and supported by other UFO/USO incidents such as Halifax, Nova Scotia 1906 (zig-zagging flaming object crashing into sea), Shag Harbour 1967 (object under intelligent control after crashing into the sea), and Dragons' triangle 1981 (50ft UFO/USO affecting ships instruments). There are also reports of Russian sub-mariners having died in attempts to intercept very large USOs and that attempts to do this were abandoned as too hazardous. Source: History and Discovery Channels.

The water circle phenomenon was also seen at Horseshoe lagoon, Australia, in 1966 by farmer George Pedly, who saw a UFO emerging from the water, leaving a water circle that lasted several days. My explanation for this (and anomalous gravitational effects reported in some crop circles) is that the anti-gravity effects, in terms of particular frequencies of sub-atomic vibration, are passed on from the craft to the water or land.

In my view, taken as a whole, all the evidence I have presented takes on a high degree of scientific veracity. Individual reports can always be doubted, but the extent to which they agree is more than adequate to say that this is observational evidence of considerable weight. Anti-gravity and alien presence is established as a very high degree of probability.

The quotes on page 16 above must, therefore, be considered as probably true, and thus also my conclusion about human levitation being explainable by the nervous system that can pass on the anti-gravity frequency. The Book of Thoth site contains an account of ancient Indian aircraft that also supports this view, as mentioned in the following quote:

"Only a few years ago, the Chinese discovered some sanskrit documents in Lhasa, Tibet and sent them to the University of Chandigarh to be translated. Dr. Ruth Reyna of the University said recently that the documents contain directions for building interstellar spaceships!

Their method of propulsion, she said, was "anti-gravitational" and was based upon a system analogous to that of "laghima," the unknown power of the ego existing in man's physiological makeup, "a centrifugal force strong enough to counteract all gravitational pull." According to Hindu Yogis, it is this "laghima" which enables a person to levitate."

Apparently the Chinese are taking this seriously as part of their development of a space programme. The account mentioned the ancient civilisation that used this technology as follows:

"The so-called "Rama Empire" of Northern India and Pakistan developed at least fifteen thousand years ago on the Indian sub-continent and was a nation of many large, sophisticated cities, many of which are still to be found in the deserts of Pakistan, northern, and western India. Rama existed, apparently, parallel to the Atlantean civilization in the mid-Atlantic Ocean, and was ruled by "enlightened Priest-Kings" who governed the cities. The seven greatest capital cities of Rama were known in classical Hindu texts as "The Seven Rishi Cities."

According to ancient Indian texts, the people had flying machines which were called "Vimanas." The ancient Indian epic describes a Vimana as a double-deck, circular aircraft with portholes and a dome, much as we would imagine a flying saucer.

It flew with the "speed of the wind" and gave forth a "melodious sound." There were at least four different types of Vimanas; some saucer shaped, others like long cylinders ("cigar shaped airships"). The ancient Indian texts on Vimanas are so numerous, it would take volumes to relate what they had to say. The ancient Indians, who manufactured these ships themselves, wrote entire flight manuals on the control of the various types of Vimanas, many of which are still in existence, and some have even been translated into English.

The Samara Sutradhara is a scientific treatise dealing with every possible angle of air travel in a Vimana. There are 230 stanzas dealing with the construction, take-off, cruising for thousand of miles, normal and forced landings, and even possible collisions with birds. In 1875, the Vaimanika Sastra, a fourth century B.C. text written by Bharadvajy the Wise, using even older texts as his source, was rediscovered in a temple in India. It dealt with the operation of Vimanas and included information on the steering, precautions for long flights, protection of the airships from storms and lightening and how to switch the drive to "solar energy" from a free energy source which sounds like "anti-gravity."

Again the remarkable consistency in the predominance of circular or cigar shaped objects in these craft reinforces the believability of all accounts. Detailed descriptions and plans of Vimanas can be found on <http://www.hinduwisdom.info/Vimanas.htm>. This also contains a link to a Pravda report that mentions the levitating stones of Shivapur, India (as mentioned in my book) as follows:

"Astounding mysteries of India's ancient times can be found in the town of Shivapur. There are two enigmatic stones resting opposite the local shrine. One of them weighs 55 kilograms, the other one is 41 kilograms. If eleven men touch the bigger stone, and nine men touch the smaller stone, if they all chant the magic phrase, which is carved on one of the walls of the shrine, the two stones will raise two meters up in the air and will hang there for two seconds, as if there is no gravitation at all. A lot of European and Asian scientists and researchers have studied the phenomenon of levitating stones of Shivapur."

Again, I can explain this as the passing on of the appropriate anti-gravity frequency from the nervous systems of the men to the stones. The words chanted have no “magical” effect unexplainable by physics. An exchange of spirals of neutrinos, as part of the gravitational link between stones and humans that can penetrate the whole atomic and sub-atomic structure of the stones, is the mechanism by which the frequency is passed on. As I suggest in my book, the sound waves are almost certainly incidental and have no anti-gravity effects, other than that the chanting of the words invokes adequate belief and thus nervous stimulation on the part of those involved.

One of the reasons for doubting alien presence on the planet has been the distance to other possible solar systems and the speed of light problem. I have already suggested why the latter may be illusory. There is, however, growing evidence to suggest oceans on Mars in the past and possibly underground liquid water there now. In last years paper I explained why my theory suggests that planets form from material ejected from the Sun and spiral out (as in David Hardy’s *Genesis Continuous*, see <http://homepages.xnet.co.nz/~hardy>), which means that highly intelligent life-forms may well have developed on Mars and eventually found need of a new planet. And this, of course, might apply to other planets, including one that may have exploded to form the asteroid belt.

Concluding remarks

Evidence of genuine anti-gravity, stemming from overwhelming evidence of alien technology, is now undeniable and has clearly been denied for as long as possible by those who have been the enemies of science and democracy. As ever more witnesses come forward, especially in the military and government agencies, it must soon become untenable for such denial to continue.

As I have mentioned, only a small fraction of the total evidence of alien presence now available is presented and analyzed in this paper, simply because the extent of it is so great that analysis of it would take too long for both myself and the reader. This should not be taken as implying that the evidence omitted is inferior. I am now aware of substantial volumes of other evidence that are equally hard to dismiss, and may be checked via the sources quoted, which are by no means exhaustive. I have included only that which establishes the case beyond reasonable doubt in a logical manner.

This must represent the most significant discovery in the acknowledged (modern) history of mankind and in the history of science. The denial of this knowledge to mankind in general is contrary to democratic and scientific principles. It also represents what may well become the greatest ever crime against humanity if the warnings of the majority of climate scientists prove correct.

Details of such evidence verifies my analysis of mass, gravity, general relativity, and the two basic means of achieving genuine anti-gravity, as does the experimental evidence mentioned. Various references to iron, including within metals

analyzed in the Aurora case, such as the strange non-magnetic iron alloy and aluminium alloy containing iron but unusually no copper, increase my suspicions that the anti-gravity frequency is in some way related to the very high and stable frequency of the iron nucleus.

Clearer verification of my interpretation of mass and general relativity is possible by repeating the experiments mentioned in improved form as suggested, and by similar experiments to confirm my interpretation of general relativity, that spin results in curvature of path in the plane of spin in vacuo. This is of huge significance because it would require a variation of Newton’s first law of motion, and almost certainly lead to the unification of relativity and quantum theory.

These conclusions regarding aliens have implications for many branches of science other than physics. Also the term “alien” may require clarification that should involve other disciplines such as biology. Have we discovered visitors from other solar systems or just unknown life-forms with whom we have unknowingly been sharing this planet or solar system for some considerable time? Did they originate here, or Mars or somewhere else? Did they even play a part in our development and our history? Is it reasonable to think that we have any greater rights than they before the facts are clearly established?

Humanity has a right to know the true facts as they emerge, and if democracy means anything, it has a right to collectively decide upon a wise, just and logical response to whatever this may imply. Perhaps the “aliens” also have a right to be consulted about the damage we may be doing to the planet and all life forms that inhabit it.

Robert F. Beck
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March 2007

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Appendix 1

GYRO DROP EXPERIMENT

Performed by Kenneth Gerber, M.D., Richard F. Merritt

Analysis by Edward Delvers

Source: <http://depalma.pair.com/gyrodrops.html>

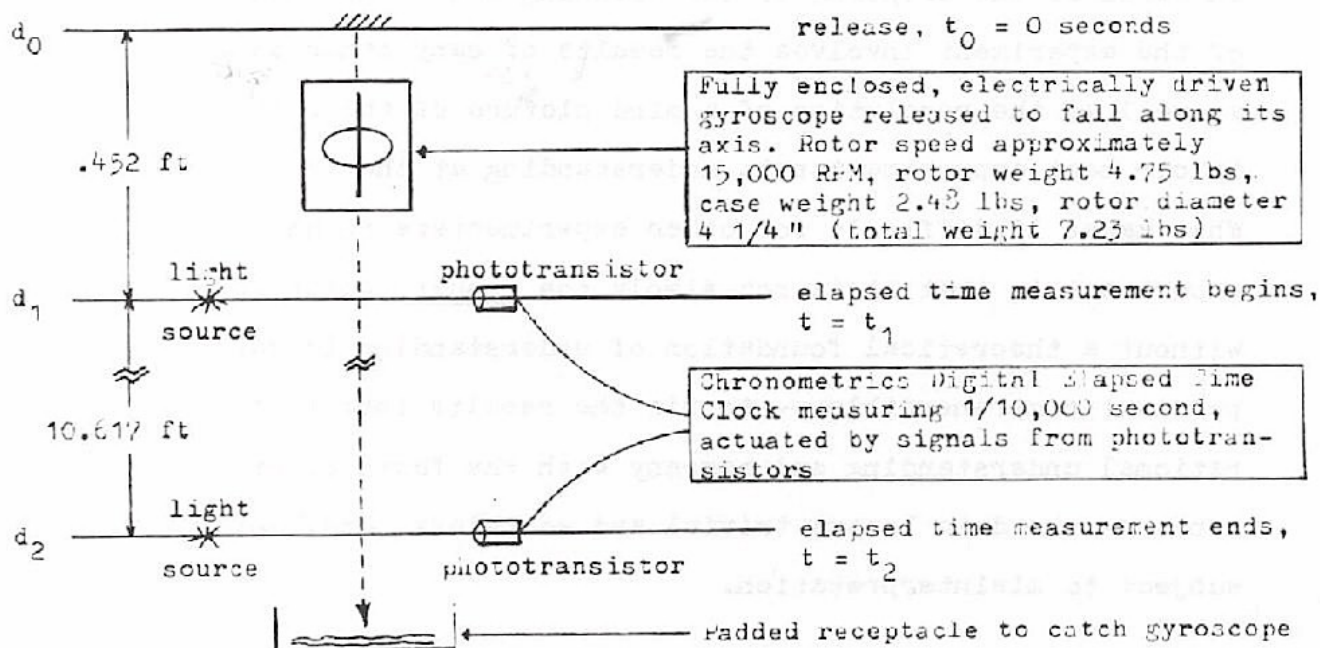
In this experiment a fully enclosed, electrically driven gyroscope is released to fall freely under the influence of gravity. The elapsed time taken to fall a measured distance of 10.617 feet was measured, with the rotor stopped and also with the rotor spinning at approximately 15,000 RPM.

Data was gathered on a Chronometrics Digital Elapsed Dime Clock measuring 1/10,000 second, actuated by two phototransistor sensors placed in the paths of two light beams which were consecutively interrupted by the edge of the casing of the falling gyroscope.

The gyroscope, of total weight 7.23 lbs (rotor weight 4.75 lbs, case weight 2.48 lbs) was released to fall along its axis. Electrical leads supplying power to the 4 1/4" diameter rotor were disconnected just prior to release.

14th NPA, University of Connecticut, Storrs, CT
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EXPERIMENTAL SET-UP

SUMMARY OF EXPERIMENTAL RESULTS

	Non-Rotating (NR)	Rotating (R)
t_0	0.0 sec	0.0 sec
t_1	.1677 sec	.1674 sec
t_2	.82973 sec	.82837 sec
measured elapsed time \pm Standard Deviation	(.66203 \pm .000996 sec)	(.66097 \pm .000824 sec)
number of runs	13	7
acceleration	32.1549* ft/sec ²	32.2619 ft/sec ²
change in acceleration	$\Delta a = (a_R - a_{NR}) = .1070$ feet/second ²	

*Note: Value for gravitational acceleration at sea level, 39° Latitude (Washington, D.C.) based on the formula of the U. S. Coast and Geodetic Survey.

The data for the non-rotating gyroscope is normalized to this value, and the data for the rotating gyroscope is compared to it.

FICTITIOUS FORCE INCREMENT

A hypothetical, fictitious force increment which would have to be applied to the non-rotating gyroscope to impart the increased acceleration noticed in its rotating mode, was calculated for comparison purposes.

$$\text{Force increment: } \Delta F = (F_R - F_{NR}) = .024 \text{ lbs.} = .38 \text{ oz.}$$

DATA

<u>DATA</u>			
Non-Rotating		Rotating	
Run Number	Time	Run Number	Time
1	.6604 seconds	1	.6617 seconds
2	.6603 "	2	.6616 "
3	.6614 "	3	.6605 "
4	.6630 "	4	.6618 "
5	.6623 "	5	.6613 "
6	.6623 "	6	.6601 "
7	.6622 "	7	.6598 "
8	.6618 "		
9	.6627 "		
10	.6615 "		
11	.6639 "		
12	.6627 "		
13	.6619 "		
Mean \pm Standard Deviation		Mean \pm Standard Deviation	
= .66203 \pm .000996 seconds		= .66097 \pm .000824 seconds	

STATISTICAL ANALYSIS

Value for Student's "t" Test:

$$t = 2.3980$$

$$p = .0275355685 \text{ (18 degrees of freedom)}$$

On the basis of the Standard Deviations of the data from this experiment, one can say with a 97% level of confidence that a fully encased, spinning gyroscope drops faster than the identical gyroscope non-spinning, when released to fall along its axis.

APPENDIX

The following are calculations performed on the measured data to arrive at the values given in the Summary of Experimental Results (above).

a) Calculation to find velocity v_1 at beginning of elapsed time measurement for the Non-Rotating gyroscope, using the equation

$$d = v_i t + 1/2 at^2, \text{ with}$$

$$d = (d_2 - d_1) = 10.617 \text{ feet (measured); } t = (t_2 - t_1) = 0.66203 \text{ seconds (ms'd)}$$

$$a = 32.1549 \text{ ft/sec (normalized value); } v_i = \text{unknown, velocity } v_i \text{ at time } t_1.$$

$$\text{Substituting values: } v_i = 5.393 \text{ feet/second}$$

b) Calculation to find the distance between release position and beginning of elapsed time measurement segment for the Non-Rotating gyroscope.

$$v_f^2 = v_i^2 + 2ad, \text{ with}$$

$$v_f = 5.593 \text{ ft/sec (from (a) above); } v_i = 0 \text{ ft/sec (initial velocity);}$$

$$a = 32.1549 \text{ ft/sec (normalized value); } d = (d_1 - d_0) = \text{unknown.}$$

$$\text{Solving the equation: } d = (d_1 - d_0) = 0.4522 \text{ feet}$$

c) Calculation to find time already spent falling when the elapsed time measurement begins for the Non-Rotating condition of the gyroscope

$$v_f = v_i + at, \text{ with}$$

$$v_f = v_i \text{ at } t_1 = 5.393 \text{ ft/sec (from (a) above); } v_i = 0 \text{ ft/sec;}$$

$$a = 32.1549 \text{ ft/sec}^2 \text{ (normalized value); } t = (t_1 - t_0) = \text{unknown.}$$

$$\text{Solving the equation: } t = (t_1 - t_0) = 0.1677 \text{ seconds}$$

d) Calculation to find total time taken to fall total distance for the Non-Rotating condition of the gyroscope.

$$t_{\text{total NR}} = (t_2 - t_1)_{\text{NR}} + (t_1 - t_0)_{\text{NR}} = 0.66203 + 0.1677 = 0.82973 \text{ seconds}$$

$$d_{\text{total NR}} = (d_2 - d_1)_{\text{NR}} + (d_1 - d_0)_{\text{NR}} = 10.617 + 0.4522 = 11.0692 \text{ feet}$$

e) Calculation to find time already spent falling by the Rotating gyroscope when elapsed time measurement begins. This assumes the acceleration of the Rotating gyroscope is constant. It is found by comparing the ratio of the initial time interval to measured elapsed time interval for the Non-Rotating gyroscope, to that of the Rotating gyroscope.

$$\frac{(t_1 - t_0)_{\text{NR}}}{(t_2 - t_1)_{\text{NR}}} = \frac{(t_1 - t_0)_{\text{R}}}{(t_2 - t_1)_{\text{R}}}, \text{ with}$$

$$(t_1 - t_0)_{\text{NR}} = 0.1677 \text{ sec. (calculated); } (t_2 - t_1)_{\text{NR}} = 0.66203 \text{ sec. (measured);}$$

$$(t_1 - t_0)_{\text{R}} = \text{unknown; } (t_2 - t_1)_{\text{R}} = 0.66097 \text{ sec. (measured).}$$

$$\text{Solving the equation: } (t_1 - t_0)_{\text{R}} = 0.1674 \text{ seconds}$$

f) Calculation to find acceleration (a_{R}) of the Rotating gyroscope using total time and total distance values, using the equation

$$d = v_i t + 1/2at^2, \text{ with}$$

$d = 11.069$ ft (from (d) above); $v_i = 0$ ft/sec; $a = a_R = \text{unknown}$;
 $t = t_{\text{total}R} = (t_2 - t_1)_R + (t_1 - t_0)_R = 0.66097 + 0.1674 = 0.82857$ seconds.
 Solving the equation: $a = a_R = 32.2619$ feet/second².

g) Change in Acceleration:

$$\Delta a = a_R - a_{NR} = 32.2619 \text{ ft/sec}^2 - 32.1549 \text{ ft/sec}^2 = 0.1070 \text{ ft/sec}^2$$

Percentage change in acceleration: $\Delta a / a_{NR} = 0.00333 = 0.333 \%$

h) Fictitious Force Increment: Calculation to find a hypothetical, fictitious force increment which would have to be applied to the Non-Rotating gyroscope to cause the increased acceleration observed for the Rotating gyroscope. The mass (m) of the gyroscope is assumed not to have changed, for the purposes of this calculation. Using the equation: $F = ma$

a ratio is set up:

$$\frac{F_{NR}}{F_R} = \frac{m_{NR} a_{NR}}{m_R a_R}, \text{ with}$$

$F_{NR} = 7.23$ lbs. (measured gyro and case weight); $F_R = \text{unknown}$;

$a_{NR} = 32.1549 \text{ ft/sec}^2$ (normalized value); $a_R = 32.2619 \text{ ft/sec}^2$ (from (f) above). Solving the equation: $F = 7.254$ lbs.

The fictitious force increment is: $\Delta F = F_R - F_{NR} = 7.254 - 7.23 = 0.024$ lbs.;

or converted to ounces: $0.024 \text{ lbs.} \times 16 \text{ oz/lb} = 0.38$ ounces.

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* Included by DePalma it would seem, perhaps in error as they do not appear to relate to this paper directly.

Appendix 2

Understanding the Dropping of the Spinning Ball Experiment Bruce E. DePalma

Originally published by: Similarity Institute 3 May 1977

Source: [http://depalma.pair.com/SpinningBall\(Understanding\).html](http://depalma.pair.com/SpinningBall(Understanding).html)

See also <http://www.rexresearch.com/depalma/depalma.htm>

The beginning of this author's work with rotating objects began with moment of inertia measurements of constrained gyroscopes undergoing forced precession. The increased moments of inertia discovered for precessional motion were translated into a series of measurements on pendula with rotating bobs. Although the discoveries of the inertial effects associated with precession and pendulum oscillations of rotating bob weights were highly suggestive this author greatly resisted attempts to force him to drop a rotating object for two reasons.

Firstly he had no reason to be able to predict the motion of a freely falling object on the basis of the inertial alterations he had measured which had concerned themselves with constrained situations of rotating objects. Second, there was no reason to expect inertial alterations to affect the rate of fall of a released object and there was no available theory which could in any way be applied to the situation of a falling rotating object in a gravitational field. This is a situation known in religious terms as a "leap into the dark."

Since the author and his assistants are experts in the application of stroboscopic lighting techniques to the study of high speed motions the first experimental cut at the situation was to photograph the trajectories of a steel ball bearing rotating at high speed together with an identical control object moving at similar initial velocity. The result of the experiment was so startling and anomalous as to have taken me five years to understand.

The original results of our experiments were circulated as a report¹ in 1974. Two years later the experiment was published in an appendix to a book of christian exegesis². In 1977 one of my former students performed a high precision verification of the dropping of a rotating object: "The Gyro Drop Experiment."³ Actually the experiment has two parts, the spinning ball going up, and the spinning ball falling. Since I would be rather thought a fool than misrepresent results of experiments I only attempted to analyze the portion of the experiment I thought I understood. Basically the spinning object going higher than the identical non-rotating control with the same initial velocity, and, then falling faster than the identical non-rotating control; present a dilemma which can only be resolved or understood -- on the basis of radically new concepts in physics -- concepts so radical that only the heretofore un-understood results of other experiments, (the elastic collision of a rotating and an identical non- rotating object, et al.), and new conceptions of physics growing out of the many discussions and correspondence pertaining to rotation, inertia, gravity, and motion in general. We should remember the pioneers in this field: Wolfe, Cox, Dean, Laithwaite, Rendle, Searle, Kümmel, DePalma & Delves, to name but a few.

In the beginning I developed the concept of variable inertia to explain the behavior of rotating material objects, but since variable inertia in-itself contravenes the laws of

physics in the sense of contravention of the laws of conservation of mass and energy. Of course the destruction of one thing is interesting -- but of course this is in-itself not a creative act and does not take us closer to the truth.

Because man is so interested in the Universe, and the motions in the universe depend so much on gravity, that the study of gravity takes us to the deepest foundations of human thought. I think it is a mind-bending experience to see every stone fall at the exact same rate as any other stone. And then when you spin an object -- why does it fall faster; and most mind boggling of all, why does it go higher than the identical non-rotating control released to go up-ward at the same initial velocity? Of course the experiment could be wrong, but also perhaps we could develop an hypothesis which would fit all experiments.

We know when we can alter the properties of mechanical objects, i.e. change their inertia, we have contravened the conservation of energy because we have associated the properties of an object with the space which contains the object. The space which contains the object also contains energy and we can go at the project in two ways: we can attempt to extract the energy without worrying where it came from, or we can attempt to understand physics, ourselves, and the universe by a new formulation of reality.

Part of the difficulty of accepting free energy is the feeling we're getting something for free and that automatically makes it suspect. If however on the other hand we accept what we know as "energy" as something which is a natural part of our environment, and can be reached if we have the key.

Most of the difficulties in the location of this energy lie in the comprehension where it's coming from. If this can be comprehended then the understanding of the free energy experiment can be believed.

When reality came into existence, the time energy of the Universe was concentrated into a single form, the exactitude with which a single atom gave off a beat of frequency when excited as a spectral line. We have come to regard this as the only way of measuring time. The true way of measuring time is in the inertia of objects. Thus a tuning fork watch or oscillator is a more natural way of measuring which can only exist and not be measured. That is, each measurement brings into existence that which is for being measured. In the case of Time, we can know the existence of it, but for whatever measurement we take to be indicating it -- we make our own determinations as to whether this measurement is more suitable or 'accurate' for our purposes (we might prefer a crystal clock to a tuning fork but for what purposes or measuring is this 'time' being used). If for instance if we were interested in inertial processes -- like the motion and the orbits of the planets -- and we knew these were sensitive to inertial influences, we might consider a 'time' which was also sensitive to these inertial influences to be more 'accurate' than a time derived from another experiment -- which might have no relationship to the phenomena of importance.

Time as a manifestation of a much deeper and basic force is what we have a concern for here. The point of connection I want to make is the inertia of objects relates to the time energy flowing through them.

The rotational quanta drawn to a rotating body induce in that body a feeling of inertial anisotropy as well as increased inertial mass. Could this 'mass' be thus somehow translated into energy for mass consumption? The first indications of that came when we dropped our spinning ball experiment but we were unwilling to interpret the increase in energy of a spinning to a non-spinning object dropped to fall over a controlled distance to some kind of energy principle we did not understand.

We also had a second series of experiments, elastic collisions of rotating and non-rotating identical controls which we could not interpret. It took a paper: "The Cause of Gravitation," by Bernard Rendle⁴, to jar my mind into comprehension of the facts as I saw them. We can only conceive of the inertia of objects, or inertial mass to be exact, to be representative of the time energy created when the Universe was created. Naturally the question of how old the Universe is becomes invalid then because a possible interpretation is that the Universe existed for-ever because inertial mass exists at all. Measurements of the age of the Universe are also invalid. All the time in the world is summed up in the inertial mass of an object.

How this relates to the spinning ball experiment is that the spinning of an object draws to it the quanta of inertial motion of rotation which are accumulated in the body of the flywheel and account for the altered inertial properties of the rotating object. These inertial quanta, Ro, draw the time energy to themselves in proportion to the number of them present in the flywheel at a given time. If a rotating object is collided with an identical non-rotating one the non-rotating object is rebounded a greater distance than it would have travelled had it been struck with the same identical object non-rotating. A rotating object struck by an identical non-rotating control rebounds less than it would had it not been rotating.⁵

This explains why the spinning ball went higher than the identical non-rotating control (moving at the same initial velocity), and also explains why the spinning object falls faster than the non-rotating control. The momentous fact is that there is no special interaction between rotation and gravity. The behavior of rotating objects is explained simply on the addition of free energy to whatever motion the rotating object is making. The spinning object goes higher and falls faster than the identical non-rotating control.

If we dispose of any special connection between rotation and gravity I like the understanding of inertia growing out of the statement of Rendle: " .. -- the immaterial medium of space itself is in motion -." The constancy of "G" then becomes the inertia of objects. The fact that all objects fall at the same rate (Earth normal acceleration) means that the substrate space is moving all objects along at the same rate. This we can define as Earth normal standard inertia, a unity factor to which all other conditions are compared. Thus rotating an object does not change its inertia (under the new standard) since the mechanical alterations in behavior of rotating objects do not affect their inertia but are the result of the additional (free) time energy flowing through the rotating object by virtue of its accumulation of rotational quanta Ro.

The question to be answered: is there any gravitational effect from rotation or is gravitation a special interaction of mass with its environment. I would tend to believe gravitation is a special interaction of real mass with its environment. This is not to say that artificial gravitational fields cannot be created but they would be always distinguishable from the real thing through some physical test. An artificial gravitational field would be non-isotropic and anisotropic.

In terms of the dropping of the spinning ball, the understanding of the experiment involves the results of many other experiments as well as the resolution of a mind picture of the Universe which is our best approximation to understanding at the present time. What makes it difficult for other experimenters to understand the experiment is that it is not simply the results which are important. Without a theoretical foundation of understanding to make the experiment comprehensible -- to fit the results into a context of rational understanding and harmony with the facts of other experiments -- the data becomes trivial and worthless, and, worst of all, subject to misinterpretation.

The availability of free energy from as simple an experiment as colliding a rotating object with a non-rotating one opens up the development of other machines for energy extraction and propulsion which may be more convenient to handle than the extraction of energy from the collision of a rotating object with a non-rotating one.

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- [5] Unpublished "Elastic Collision Experiment Data," Similarity Inst. report.

Bruce E. DePalma

Appendix 3

Pre 20th Century UFO sightings back to 1751

Source: The Book of ThoTH

Key: Cross referenced to *The World Atlas of Mysteries* (Pan Books 1978),

Francis Hitching by *blue numbers* (as noted in Appendix 3)

Green text: Suggests inertial effects of spin (underlined)

Red text: Clearly many or highly credible witnesses (bold italic)

Orange text: Physical evidence (italic)

PNP: Possible natural phenomenon

PHT: Possible human technology (e.g. Balloons)

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1751 Croatia, Agram:

An iron meteorite crashes . The vapory cloud left by an aerial explosion was visible for an hour before it entirely dissipated. After the detonation took place, *two masses of iron fell in the shape of chains welded together.*

1752 Sweden, Augermanland:

Luminous spheres were seen coming out of a bright cylinder.

1758 England:

From Cambridge to Ross-shire. A dazzling light as bright as day seen over Britain Velocity was an estimated 30 mps; height over Cambridge 95 miles; over Inverness 30 miles. It seemed to descend obliquely towards the earth, and then 'rose again with renewed splendor'.

1762 Switzerland, Lausanne:

A huge spindle-shaped object was seen crossing the sun by *two different observatories* and was observed by one astronomer nearly every day for a month.

1768 Germany:

The German poet, dramatist, author and *scientist* Johann Goethe was himself a witness to a strange luminous object. He was journeying from Frankfurt to Leipzig by stagecoach. At one point the rough uphill track was so treacherous from mud and rain that the passengers were forced to alight and follow on behind! It was then that Goethe suddenly became aware of lights in the ravine below

them. Writes Goethe: All of a sudden, in a ravine on the right hand side of the track, I saw a sort of amphitheatre, wonderfully illuminated. In a funnel-shaped space there were innumerable little lights shining, ranged step- fashion over one another; and they shone so brilliantly that the eye was dazzled. But the sight was even more confusing because these objects did not keep still, but jumped about here and there, as well as downwards from above!" PNP

1777 France:

French *astronomer* Charles Messier saw a number of dark round objects in the sky.

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1783

• England: The *scientist* Tiberius Cavallo was a witness to a sighting that also stunned *Royal guests* at a celebration to mark the birth of the 15th son of King George 111 and Queen Charlotte! A luminous object appeared from beneath a cloud and soon became brilliantly lit before coming to a halt. According To Cavallo's account of the incident: "This strange sphere seemed at first to be pale blue in colour, but its luminosity increased and soon it set off again towards the east." Even though the sun was shining the object is said to have lit up everything on the ground and eventually disappeared with a terrific explosion! PNP

• England, *Greenwich*:?

An object was observed that 'gave birth' to eight satellites, which disappeared slowly towards the Southeast.

• England, Sudbrooke:

Several people saw a luminous object hovering in the northeast at approximately 2200hrs. It emitted fixed flashes of light, lightning, which lasted about 30 sec. The object then separated into 7/8 pieces and travelled swiftly horizontally before disappearing in an arc like a rocket.

1786 England:

A bright ball of fire and light *lasting 40 minutes* was seen in the sky over *southern England* during a hurricane of wind. PNP

1787 Edinburgh:

A bright fireball light like the sun was seen travelling horizontally through the sky at. It dropped a little, then rose again, bursting behind a cloud. PNP

1790 France, Alencon:

Police Inspector Liabeuf witnessed and investigated a large red globe as it flew over farmland. *The globe landed* and a man came out and spoke in a language none understood. The globe then exploded and the man disappeared. The event was *witnessed by many* and is well documented.

1793 Northumberland.:

A bright oval light was observed in the sky over for around five minutes. At first it appeared the size of Sirius. PNP

1796 Germany, Dresden and Berlin:

A bright light irregular in form and the size of the moon was seen in the sky above. A large detonation was heard and a *dark bituminous substance fell to earth*.

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1799 England:

A "beautiful ball blazing with white light" was seen. It made no sound and red sparks flew from it. PNP

1799 England, Hereford:

A "large red pillar of fire" was seen in the sky going south. It was preceded by "flashes of extremely vivid electrical sort". Other objects were seen leaving luminous trails.

1799 England, Huncoates and Lincolnshire:

A ball of fire passed in the sky. PNP

1800 Germany, Barsdorf:

A shooting star got larger and larger until it fell to earth between Barsdorf and Freiburg in Silesia. A whizzing noise was heard as it passed close to the ground before it landed and then *lay burning*. Next day a *jelly-like mass* was found on the snow.

1803 Silesia, Barsdorf:

What was recorded, as a shooting star got larger and larger until it fell to earth between Barsdorf and Freiburg. A whizzing noise was heard as it passed close to the ground before it landed and then *lay burning*. Next day a *jelly-like mass* was found on the snow.

1808 France, Piedmont: 1

Formation of 'luminous discs' observed in the sky.

1812 Romania, Bucovina:

The war between the Russians, French and Germans, over the town of Bucovina. "Towards noon a large star with many rays appeared and in the night she ascended higher and flew in the direction of the Russians; afterwards she returned and went to the west, where the beams where extinguished. Thus did the star reveal herself for four months. PNP

1816 Edinburgh: 2

Many people saw a large, luminous crescent-shaped object flying over the city.

1819 Massachusetts, Amhurst:

A white silvery fireball light accompanied by a violent explosion was seen. Afterwards, *a gelatinous substance* was said to have been found.

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1820 France, Embrun: 3

A formation of flying objects crossed the French town. Francois Arago wrote of this date in the 'Annales de chimie et de physique': "*Numerous observers* have seen, during an eclipse of the moon, strange objects moving in straight lines. They were equally spaced and remained in line when they made turns. Their movements made a military precision."

1825 Poland, Ohio:

A brilliant object was visible in the sky for more than an hour. PNP

1826 English Channel. 4

Sailors in the Channel reported seeing a gray, torpedo-shaped object flying overhead.

1831 Germany, Thuringia: 5

It was reported that a brilliant luminous disc was seen in the night sky. PNP

1833 Canada: 6

A large, square, luminous object was seen for more than an hour over Niagara Falls.

1836 France, Cherbourg: 7

In this French coastal town what was described as a 'gleaming aerial vessel' was seen in the sky overhead.

1842 Soviet Union, Orenburg:

Small metal objects, perfectly hexagonal, fell out of the sky after a "strange cloud" appeared.

1843 England, Warwick:

A remarkable cloud passed over Warwick and Charles Cooper reported seeing three beings in the sky.

1845 Italy, Naples 8

Astronomers at a Naples observatory recorded the appearance of several luminous discs, which left trails.

1846 USA: 9

A 'luminous flying disc' was reported over this eastern seaboard area.

1847 England, London: 10

A spherical craft was spotted rising vertically through the clouds

See many others in 1847 listed later, possibly in error, and more likely 1897

UFO Sightings Pre 1947 (VI) 1860 A.D. - 1881 A.D

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1860 AD USA, Louisiana, Shreveport:

"**Our attention** was called to a strange light in the heavens. On going out into the gallery **we** had a magnificent view of it. It appeared to the naked eye, about 300 yards in length, extending from North to West appearing just above the tallest trees. Its color was that of a red hot stove from the center beautiful rays resembling those of the sun drawing water would ascend to a considerable height, the whole presenting a very beautiful and sublime appearance. **We watched it for about an hour** without perceiving it to change any.

1862 AD Indian Ocean:

A shipwrecked Danish sailor reported seeing a strange aircraft as large as a battleship with four huge wings. This object was seen to crash into a cliff and was destroyed. Kevin Randle states this case to be a hoax.

1868 AD

- Chile, Copiapo: A strange "aerial construction bearing lights and making engine noises flew low over this town. **Local people** also described it as a giant bird covered with large scales producing a metallic noise. Although not an actual landing, this is the first instance of close observation of an unknown object at low altitude in the nineteenth century.

- England, Oxford: **18 Astronomers** at Radcliffe Observatory saw a luminous object that moved quickly across the sky, stopped, changed course to the west, then to the south, where it hovered for four minutes, then headed toward the north.

1869 AD USA, Tennessee, Ashland:

A whirlwind came along over the neighboring woods, taking up small branches and leaves of trees and **burning them** in a sort of flaming cylinder that traveled at a rate of about five miles an hour, developing size as it traveled. It passed directly over the spot where a team of horses were feeding and **singed their manes** and tails up to the roots; it then swept towards the house, taking a stack of hay in its course. It seemed to increase in heat as it went, and by the time it reached the house it **immediately fired the shingles from end to end of the building, so that in ten minutes the whole dwelling was wrapped in flames**. The tall column of traveling caloric then continued its course over a wheat field that had been recently cradled, **setting fire to all the stacks** that happened to be in its course. Passing from the field, its path lay over a stretch of woods, which reached the river. The **green leaves on the trees were crisped to a cinder** for a breadth of 20 yards, in a straight line to the Cumberland. When the "pillar of fire" reached the water, it suddenly changed its route down the river, raising a **column of steam** which went up to the clouds for about half-a-mile, when it finally died out. Not less than **200 people** witnessed this strangest of strange phenomena, and all of them **tell substantially the same story about it**. Symon's Monthly Meteorological Magazine, 1869

1870 AD

- African Coast: **Capt. F.W. Banner and crew** reported "A semi-circle divided into four parts, and a central shaft...extending far outward & curving backward emitted vivid shafts of light."

- Atlantic Ocean: An object was seen from the ship Lady of the Lake that appeared to be a light-gray colored disk that flew against the wind.

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1871 AD France, Meudon Observatory. 19

Astronomer Trouvelot noted a number of objects that resembled those witnessed at Nuremberg and Basel. Among the objects he saw was a circle that first seemed about to fall, then descended "like a disk falling through water."

1872 AD England, Banbury:

At King's Sutton an object resembling a haystack flew on an irregular course. Sometimes high, sometimes very low, it was accompanied by fire and dense smoke. It produced the same effect as a tornado, *felling trees and walls*. It suddenly vanished.

1873 AD USA, Texas, Bonham:

A huge cigar-shaped object swooped low over the town of on two occasions and in broad daylight. It then disappeared quickly to the east.

1874 AD Mexico, Oaxaca: 20

Residents saw a huge, gently swaying, trumpet-shaped object estimated to be 425 feet long hovering in the sky for six minutes.

1875 AD Czechoslovakia, Prague:

A **Professor** Schafarick saw "an object of such strange nature that I do not know what to say about it. It was of a blinding white and crossed slowly the face of the moon. It remained visible afterwards."

1877 AD France, Venice:

Reports of a "cloud cigar" "fiery spheres, extremely luminous, came out of a cloud of peculiar shape and went slowly toward the north for one hour.

1878 AD USA, Texas:

John Martin, a farmer, spotted a fast moving dark object high in the southern sky. When it passed overhead, he saw that it was the size of a 'large saucer'. It continued on its way and was soon lost to view. In recounting the event, a local newspaper remarked, '**Mr. Martin is a gentleman of undoubted veracity** and this strange occurrence, if it was not a balloon, deserves the attention of our scientists'.

1879 AD Persian Gulf: 22

The **S.S. Vulture crew** reported, two luminous rotating wheels, about 130 ft. across, seen above the water before diving

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1880 AD

- England, Aldershot: A strange being dressed in tight-fitting clothes and shining helmet soared over the heads of **two sentries**, who fired without result. The apparition stunned them with something described as blue fire.
- France: A **member of the French Academy** observed a glittering, white gold cigar-shaped object in the sky that had pointed ends.
- Persian Gulf: The British steamer Patna was traversing the waters of the when around mid- night the **captain and several other members of crew** all saw **two enormous glowing wheels each estimated to be 500 to 600 meters in diameter** appeared underwater on each side of the ship. The **wheels were spinning**, one on each side with the spokes touching the ship. The sighting lasted 20 minutes and was witnessed by **Captain Avern, third officer Manning, and Lee Fort Brace**.
- Russia, St. Petersburg: A large illuminated globe, accompanied by two smaller lights is seen to follow a ravine outside the city. **PNP**
- USA, New Mexico, Lamy: **Four men** walking near Galisteo Junction were surprised as they heard voices coming from a "strange balloon," which flew over them. It was shaped like a fish and seemed to be guided by a large fanlike device. There were eight to ten figures aboard. Their language was not understood. The object flew low over Galisteo Junction and rose rapidly toward the east. **PHT**
- Venezuela: A 14-year-old boy saw a luminous ball descending from the sky and hovering near him. He felt somehow "drawn" to it, but succeeded in backing away in spite of his terror. **PNP**

1881 • Australia, Melbourne: Between Melbourne and Sydney at sea. *The two sons of the Prince of Wales, one of them the future king of England*, were cruising aboard "La Bacchante" when an object resembling a fully lighted ship was seen ("a phantom vessel all aglow")

• USA, Georgia, Americus: *Mr. Z. T. Baisden*, of Americus, gives us the following story of a whirlwind that visited his place, scaring all his hands and some visitors very badly. A whirlwind occurred in a twelve acre cornfield that was about four feet in diameter and sometimes a hundred feet high. The body of it was perfectly black, with fire in the center and emitted a strong sulphurous vapor that could be *smelt three hundred yards from it*. The whirlwind would divide into three and move rapidly over the field, *twisting up the corn stalks by the roots and carrying them up*. These three minor whirlwinds would then come together with a loud crash, cracking and burning and shoot high up into the heavens. *Three young ladies* who were visiting Mrs. Baisden went in about 150 feet to observe it, but received such a *shower of burning sand* upon their face and necks that they ran affrighted to the house. Mr. Baisden says that he cannot account for this strange phenomenon, and it certainly frightened all who saw it. The strange part was that it *contained fire, yet did not appear to burn the corn* that it did not tear up, and its *sulphurous vapor* sickened and burnt all who got close enough to get a full breath of it.

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1847 (Some reports and MUFON suggest this should read 1897):

• Canada, British Columbia:

Two Canadian fishermen in saw a pear-shaped craft flying south –wards

• Canada, Winnipeg:

A mysterious airship flew over Winnipeg, the capital of Canada's Manitoba province, in *full view of many citizens for a full fifteen minutes*. "The strange visitor" approached from the west, following the Assiniboine River. After passing over St. Boniface Hospital, the UFO veered sharply to the north and "was lost from view" as it flew toward the town of Stony Mountain. From the Vancouver, B.C. News-Advertiser, Saturday May 1. PHT

• USA, Arkansas, Homan:

Capt. James Hooton was hunting in the vicinity of Homan when he heard the noise of a steam engine and found an object in a clearing. It looked like a cylinder with pointed ends, *lateral wheels*, and horizontal blade over it. Hooton spoke with a man who wore dark glasses and walked behind the craft. There were three or four occupants. The witness was told this was indeed "The Airship" and that it used compressed air for propulsion. Hooton *saw the wheels spin as the craft rose* and flew away. PHT

• USA, Arkansas, Hot Springs:

Two policemen, Sumpter and McLenore, were riding northwest of Hot Springs when they saw a bright light in the sky. About 7 km farther they saw the light again coming down to the ground. One km farther the horses refused to walk. Two men were seen carrying lights. The lawmen took their rifles, called the strangers, and were told that they crossed the country with a flying craft. The silhouette of the machine, about 20 m long, could be seen in the clearing. There was a woman with an umbrella nearby. It was raining, and the younger of the men was filling a large container with water. The elder man had a beard and suggested that the policemen fly with them "to a place where it does not rain." The same witness went back through the same spot 40 min later and found nothing. PHT

• USA, Arkansas, McKinney Bayou:

Judge Lawrence A. Byrne of Texarkana, Arkansas, was surveying a tract of land when he saw a peculiar object anchored on the ground. "It was manned by three men who spoke a foreign language, but judging from their looks one would take them to be Japs." PHT

• USA, Kansas, Everest:

On April 1, *the whole town* saw an object fly under the cloud ceiling. It came down slowly, then flew away very fast to the southeast. When directly over the town it swept the ground with a powerful light. It was seen to rise up at fantastic speed until barely discernible, then to come down again and sweep low over the witnesses. At one point it remained stationary for 5 minutes at the edge of a low cloud, which it illuminated. All could clearly see the silhouette of the craft.

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• USA, Kansas, LeRoy:

From a *sworn statement* dated 21 April, a prosperous and *prominent farmer* named Alexander Hamilton told of an attack upon his cattle at about 10:30 PM the previous Monday. He, his son, and his tenant grabbed axes and ran some 700 feet from the house to the cow lot where a great cigar-shaped ship about 300 feet long floated some 30 feet above his cattle. It had a carriage underneath which was brightly lighted within (dirigible and gondola?) and which had numerous windows. Inside were six strange looking beings jabbering in a foreign language. These beings suddenly became aware of Hamilton and the others. They immediately turned a searchlight on the farmer, and also turned on some power, which *sped up a turbine wheel (about 30 ft diameter) located under the craft. The ship rose*, taking with it a two-year old heifer, which was roped about the neck by a cable of one-half inch thick, red material. The next day a neighbor, Link Thomas, found the *animal's hide, legs and head in his field*. He was mystified at how the remains got to where they were because of the lack of tracks in the soft soil. Alexander Hamilton's sworn statement was accompanied by an *affidavit as to his veracity. The affidavit was signed by ten of the local leading citizens.*

• USA, Indiana, Gas City:

An object landed south of Gas City on the property of John Roush, *terrifying the farmers* and causing the horses and cattle to stampede. Six occupants of the ship came out and seemed to make some repairs. Before the *crowd* could approach the object, it rose rapidly and flew toward the east.

• USA, Illinois, Downs Township:

While working in his field, Haney Savidge saw an aerial craft land near him. Six people emerged from it and spoke to him for a few minutes before leaving again. *PHT*

• USA, Illinois, Girard:

On April 12, a *large crowd of miners* saw an unknown object land. The night operator of the Chicago-and-Alton Railroad, Paul McCramer, stated that he came sufficiently close to the craft to see a man emerge from it to repair the machinery. *Traces were found over a large area.* The object itself was elongated like a ship with a roof and a double canopy. It left toward the north. *PHT*

• USA, Illinois, Nilwood:

On the property of Z. Thacker, 19 km north of Carlinville, an unknown object landed on Apr. 12. Before the *three witnesses* could reach it, the craft, which was shaped like a cigar with a dome, rose slowly and left majestically toward the north. Witnesses: *Edward Teeple, William Street and Franklin Metcalf.* *PHT*

• USA, Iowa, Linn Grove:

A large object was seen to fly slowly toward the north. It seemed ready to land and *five men who found the craft on the ground*, but it, "spread its four giant wings and rose towards the North." Two strange figures aboard the craft made efforts to conceal themselves. Witnesses were surprised at the length of their hair. *Most residents of Linn Grove* saw the craft in flight. *PHT*

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• USA, Iowa, Waterloo:

An airship, or a large vessel designed to leave the impression that it is a flying machine, was first observed here at dawn yesterday. The stranger in charge says it is a flying machine and he landed here to make some repairs and that he will resume his voyage in the air today. He keeps all people at a distance of several hundred yards from the machine and therefore many do not credit his story, but think it is a fake designed to create a sensation. The structure is about 40 feet long, constructed like a giant cigar, with wing-like attachments on the sides and a steering apparatus in the rear. The whole is surmounted by a cupola, or lookout cabin, on the roof. The queer craft appears to be built of canvas and to be heavily varnished." *PHT*

• USA, Michigan, Williamston:

At least a dozen farmers saw an object maneuver in the sky for an hour before it landed. A strange man near 3 m tall, almost naked and suffering from the heat, was the pilot of the craft. "His talk, while musical, seemed to be a repetition of bellowing." One farmer went near him and received a *blow that broke his hip.*

• **USA, Missouri, Kansas City:**

10,000 residents saw a large black ship hover over head, flash green-blue and white lights, then moved straight up into space rapidly. **Many other UFO sightings were reported**, describing cigar-shaped, metallic craft with either wings, propellers, fins, or search lights. Bright lights were seen during the night.

• **USA, Iowa, Sioux City:**

Approximate date. Robert Hibbard was caught by an anchor dropped from an unknown flying machine 22 km north of the town. He was dragged over 10 m and fell as **his clothes were torn**. PHT

• **USA, Missouri, Perry Springs:**

A passenger train on the Wabash line, going toward Quincy, was followed by a low-flying object for 15 min between Perry Springs and Hersman. **All the passengers** saw the craft, which had a red and white light. After Hersman it flew ahead of the train and disappeared rapidly.

• **USA, Nebraska, Hastings:**

A flying object was seen the morning of Sunday, January 24, 1897. It circled for a few minutes and then zoomed away to the north. The Nebraska Bee, February 2, 1897 and The Kansas Semi-Weekly Capital of March 31.

• **USA, Nebraska, Omaha:**

On March 28, **the majority of the population** observed an object arriving from the southeast. It looked like a huge light, flew northwestward slowly, came to low altitude.

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• **USA, Ohio, Cleveland:**

Joseph Singler, **captain** of the "Sea Wing," was fishing with S. H. Davis, of Detroit, when they saw on the lake what they thought was a ship, about 13 m long, with a canopy. A man, about 25 years old, wearing a hunting jacket and a cap, was fishing from the deck of the object. Near him were a woman and a 10-year old child. When the "Sea Wing" came close to the craft, a large, colored balloon rose from the object, which flew up with it to an altitude of about 150 m and circled "like a hawk" before flying away. PHT

• **USA, South Dakota, Howard-Artesian:**

A flying object coming closer and closer to the ground followed a train, as reported by the engineer, Joe Wright.

• **USA, Texas, Aurora** (clearly 1897):

From the April 19, Dallas Morning News 'About 6 o'clock this morning the early risers of were astonished at the sudden appearance of the airship, which has been sailing around the country. It was traveling due north and much nearer the earth than before. Evidently some of the machinery was out of order, for it was making a speed of only ten or twelve miles an hour, and gradually settling toward the earth.

It sailed over the public square and when it reached the north part of town it collided with the tower of Judge Proctor's windmill and went into pieces with a terrific explosion, **scattering debris over several acres of ground, wrecking the windmill and water tank and destroying the judge's flower garden**. The pilot of the ship is supposed to have been the only one aboard and, while **his remains** were badly disfigured, enough of the original has been picked up to show that he was **not an inhabitant of this world**. Mr. T.J. Weems, the **U.S. Army Signal Service officer** at this place and **an authority on astronomy** gives it as his opinion that the pilot was a native of the planet Mars.

Papers found on his person, evidently the records of his travels -- are **written in some unknown hieroglyphics and cannot be deciphered**. **This ship was too badly wrecked to form any conclusion as to its construction or motive power**. It was **built of an unknown metal, resembling somewhat a mixture of aluminum and silver, and it must have weighed several tons**. **The town is today full of people who are viewing the wreckage and gathering specimens of strange metal from the debris**. The **pilot's funeral** will take place tomorrow.' From UPI, 1973, "A grave in a small north Aurora, Texas cemetery contains the body of an 1897 astronaut who **"was not an inhabitant of this world,"**" according to the **International UFO Bureau**.

The group, which investigates unidentified flying objects, has already initiated legal proceedings to exhume the body. "After **checking the grave with metal detectors** and gathering facts for three months, we are certain as we can be at this point [that] he was the pilot of a UFO which reportedly exploded atop a well on Judge J.S. Proctor's place, April 19, 1897," Hewes said. He was not an inhabitant of this world." A few days later, another UPI account datelined Aurora quoted a ninety-one-year-old who had been a girl of fifteen in

Aurora at the time of the reported incident. She said she "had all but forgotten the incident until it appeared in the newspapers recently.

" She said her parents had gone to the sight of the crash, but had refused to take her along. She recalled that the remains of the pilot, "*a small man, " had been buried in the Aurora cemetery.* Not to be outdone, the Associated Press, in a story datelined Denton, Texas, reported "a North Texas State **University professor** had found some *metal fragments* near the Oates gas station (former Proctor farm). One fragment was said to be '*most intriguing' because it consisted of primarily of iron which did not seem to exhibit magnetic properties.*" The professor also said he was puzzled because the fragment was "*shiny and malleable* instead of dull and brittle like iron." The Aurora Cemetery Association was successful in blocking the attempts to dig up the grounds in search of the "Martian pilot."

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• USA, Texas, Hillsboro:

A **lawyer** was surprised to see a lighted object fly over. His horse was scared and nearly toppled the carriage. When the main light was turned off, a number of smaller lights became visible on the underside of the dark object, which supported an elongated canopy. It went down toward a hill to the south. When the witness was on his way back one hour later he saw the object rising. It reached the altitude of the cloud ceiling and flew to the northeast at a fantastic speed with periodic flashes of light.

• USA, Texas, Josseland:

Frank Nichols, a respected citizen, was awakened by a machine noise. Looking outside, he saw a heavy, lighted object land in his wheat field. He walked toward it, was stopped by two men who asked permission to draw water from his well. He then had a discussion with a half-dozen men, the crew of the strange machine. He was told how it worked but could not follow the explanation. PHT

• USA, Texas, Merkel:

People returning from church observed a heavy object being dragged along the ground by a rope attached to a flying craft. The rope got caught in a railroad track. The craft was too high for its structure to be visible but protrusions and a light could be distinguished. After about 10 min a man came down along the rope cut the end free, and went back aboard the craft, which flew away toward the northeast. The *man was small* and dressed in a light-blue uniform PHT

• USA, Texas, Rockland:

John M. Barclay saw a flying object circling 5 m above ground. Elongated with protrusions and blinding lights, it went dark when it landed. Barclay was met by a man who told him his purpose was peaceful and requested some common hardware items to repair the craft.

1898 France, Lille:

An **astronomer** saw through his telescope a rectangular object with a violet colored band on one side, the rest being striped red and black. It was not in the position of any known planet. It remained stationary for 10 minutes, then 'cast out sparks and disappeared.'

1899 France, Dourite, Dordogne:

November 1 An object 'like an enormous star' was seen from 7:00 pm, 'at times white, then red, and sometimes blue... moving like a kite' in the southerly sky. PNP

• France, Luzarches:

M.A. Garry observed a round luminous object rise above the horizon and shrink in size as it moved into the distance over 15 minutes. PNP

• South Africa:

After alerting its telegraph offices to be on the lookout for invading British aircraft, the Transvaal government was **inundated with sighting reports**. Phantom airships, often equipped with powerful searchlights, mysteriously appeared in the skies around. Of course, neither aircraft nor airplanes were known to exist in Africa at this time.

• USA, Arizona, Prescott:

Dr. Warren E. Day observed a luminous object that 'travelled with the Moon all day' until 2:00 pm. A similar object had been **observed the day before from Tonto**, Arizona. PNP

• USA, Texas, El Paso:

A luminous object was seen in daylight from 10:00am to 4:00pm; Venus was two months past its secondary phase of maximum brilliance. PNP

Appendix 4

UFO Sightings in 19th Century (page 190 of *The World Atlas of Mysteries* by Francis Hitching, Pan Books 1978)

List of 19th-century UFO sightings



190

Sittings 1-10, 18-20 & 22 corroborated by "Book of ThoTH" (see <http://www.book-of-thoth.com/sections-listarticles-35.html>)

Appendix 5

UFO/Alien reports from 1950s

Source: National UFO Reporting Centre (highly respected) <http://www.nuforc.org/>

Occurred : 10/1/1952 03:30 (Entered as : Oct 1952 3:30am)

Reported: 11/15/2006 11:33:56 PM 23:33

Posted: 12/7/2006

Location: Fukuoka (Japan),

Shape: Disk

Duration: about 20 mins

1

After being alerted to some excitement outside of my com center, I quickly locked my duty room and went outside to see the problem only to see approx 25-38 men all watching the sky out over the flight strip the left of the control tower.

It is belived that the object was some 10k to 15k ft altitude. It at first sighting just seemed to float in a set area not moving at all then suddenly it moved diagonally at some 30 to 45 degree angle up then stopped momentarily then without even a gradual change in direction is just suddenly moved straight across the sky and eye blinking speed so some 10 miles it was believed.

Again it did this same move only in a completely different direction more then just abruptly. It moved at the speed of light but all moves were done in absolutely reverse moves. This went on for some 20 minutes,

Finally 3 F-86s were dispatched for observation for encountering and they could not even get close to the object. We all knew that it was a UFO becuase of former warnings not to ever discuss what if ever we should see in the sky. It was told to us all that there were no such things as flying saucers ant that they were only figments of out imagination.

We all knew better that that. Most of us had all read or heard of the "Project Blue Book" (Major Keyholes Report, which was printed in 1947.)

We had never hoped to see something of this magnitude but after seeing this we all felt sure of what we had seen. I had went into operation shack and had asked questions as to what they had seen on the Radarr scope and was answered that they could not ID the object because it speed would not be calculated on thier screen but did note that when the F-86s ever got near the objects area, it would move so fast it could not be registered on the scope.

They did say however that they did know it was something but of an unknown craft and that there was not any place on the planed earth that could even possibly have anything like what was seen or acted on their scope. The whole subject was ordered to be silenced and not even discussed but of course we did at some risk of violation of orders.

This was the most fantastic thing I have ever seen in my life, this thing moved several times this was until then it literally in a flick of an eye shot out of sight just as though it was like a light switch being turned off. I disappeared as fast as it was believe to appear. Literally disappered.

My theory is that this thing can control magnatism in some way as well as control its stability at will. It definatley was and is being control by some intelligence. I have tried to make this know before but to those I have expressed, they would look at me as if I was nuts. I and we know what we seen and it all true. I was a A/1c (buck Sgt) at the time stationed at Itazuke Air Force Base on the Island of Kyushu Japan during the Korean War. There were no dummies stationed there. We were all skilled in what we did and were proud of who, and what we were but this was astounding to say the least.

Thank you. Mr ((name deleted)) ((e-mail deleted)) Formally ((rank deleted)) USAF 19xx-195x

((NUFORC Note: Witness indicates that the date of the incident is approximate. PD))

Occurred : 12/6/1952 19:00 (Entered as : 12-6-52 1900)

Reported: 1/4/2001 13:18

Posted: 3/11/2003

Location: Chicago, IL

Shape: Other

Duration:45 sec.

2

Radar siting near Chicago- Dec. 1952. Object moved about 10 miles per second.

While working as an Army Radar Operator, working a fire control type SCR 584 station, I observed a radar "blip" moving across my screen at approx. 10 miles per second for about 15 miles, then turning about 90 deg. in less than two seconds, continuing off the screen. (about 40 miles. I was trained to detect jamming and other interference. Observed nearly the same thing near White Sands Missile Range in New Mexico in 1951.

Occurred : 6/23/1954 23:00 (Entered as : 06/23/54 2300)

Reported: 3/11/2000 13:19

Posted: 3/21/2003

Location: Langley Air Force Base, VA

Shape: Circle

Duration:30 minutes

3

Object appearing larger than a full moon hovering over hangers moved at varying speeds and made 90 and 180-degree turns.

At age 15, visiting my cousin, whose father was Dept. head, model testing, NCAA (forerunner of NASA) George & I were on the road crossing one of the runways where we stopped at a signal indicating runway in use. My cousin, looking out the driver's side, commented on the full moon. I was looking out the passenger window, observing a much larger object, moon-like in shape which was hovering over the hangers. It began moving, slowly at first, in a straight line, accelerating as a group of 3 F-101 Voodoos began chasing it. The object made 2 90-degree turns and "floated" back to initial position. Minutes later, a group of 3 F-100 Super Sabres did likewise, but the object made 2 spectacular 180-degree turns, then soared directly upward until it disappeared.

Occurred : 6/15/1954 16:30 (Entered as : 06/15/54 16:30)

Reported: 1/28/2006 5:19:52 PM 17:19

Posted: 2/14/2006

Location: Ellington AFB, TX

Shape: Disk

Duration:12 min.

4

Radar site-200mi range @Ellington AFB-Radar op observed an unidentified object coming in from NW at a high rate of speed-Abt 8 of us went outside to view-object was starting & stoping-when starting white sparks came out beneath craft-they turned to orange-then white as it accelerated again-saucer shape with revolving lights on top, inside glasslike structure. Craft made a U turn and went back NW Officer in charge reported it to NORAD-no reply received-as far as I know.

((NUFORC Note: Witness indicates that the date of the incident is approximate. PD))

Occurred : 6/1/1955 17:00 (Entered as : 1955 1700 hrs.)

Reported: 2/1/2000 02:52

Posted: 3/11/2003

Location: Martinez (outskirts), CA

Shape: Circle

Duration:30 minutes

5

We observed a large object aprox.size "football field or larger" approach us 45mph make 90 degree turn. color "red glowing ember".2000 ft. It eventually disappeared over horizon.Apeared to have windows or craters covering it. too long ago for more details. "Scarey"

Occurred : 6/1/1955 20:30 (Entered as : 1955 2030)
 Reported: 3/24/2002 7:00:41 PM 19:00
 Posted: 3/21/2003
 Location: Clinton, TN
 Shape: Egg
 Duration:5 or 6 minutes

6

Egg shaped craft landed on lonely country road, seen by a family of five.

I was seven years old at the time the craft appeared. My Father, Mother, and my two brothers were returning from a visit to my Grandparents house on west Wolfvalley Road in Anderson County, Tennessee. It was dark on a summer night, my two older brothers were asleep, and I believe my Mom was also. I remember I was talking to my Dad, as our car came to a rise on the road a bright light appeared over a ridge and my Dad told me there might be a forrest fire and to awake my brothers, my Dad woke my Mother All of us were dumdfounded at what was before us, the egg shaped craft landed about a hundered feet down the road. It sat there for 5 or 6 minutes. There was no sound, smoke or any thing else. My Dad said it must be from Oak Ridge which was about 16 miles away. The craft rose as in slow motion, Nothing else was said about it by family. My dad was in the war, and he told us kids it was not right to poke our noses into something that might involve or critize America or to tell any one about what we saw because they would only laugh at us. I am 54 years old now, My grandchildren got me this computer for Christmas, I am just learning to use it. This is the frist time I have told this account of the UFO to any one.

((NUFORC Note: Witness chooses to remain anonymous; we would like to communicate with him. Date is approximate. PD))

Occurred : 6/23/1955 07:00 (Entered as : 06/23/55 07:00 A)
 Reported: 7/17/1998 19:02
 Posted: 3/21/2003
 Location: Beach Haven Park, NJ
 Shape: Disk
 Duration:1 minute

7

3 women hanging clothes saw a UFO come down over bay, hover for 30 sec.,then take off so fast it seemed to disappear.

On a clear early morn. my mother,aunt and next door neighbor were hanging clothes in their back yards, when my aunt looked and saw a lrg silver disc w dome on top & bottom hovering over bay 4 houses away, about 100' out. The other 2 women looked & started screaming for their kids to come out. I was a child of 7 when I flew out the back steps and saw a huge spacecraft take off straight up and disappear. My mother, aunt, and neighbor were shaking and running in all directions. The women were in their 30's and 40's, sane women, and the neighbor's husband was in politics in Redbank, NJ. They ran up to the local grocery store and heard other people had sighted UFO's that winter on the beach. At that time Long Beach Island was scarcely populated during the winter months. In June, the season had not quite started. My mother & neighbor are now deceased, but my aunt is still alive, and lucid. The UFO made no sound.

Occurred : 6/30/1955 21:00 (Entered as : 06/30/1955 21:00)
 Reported: 3/12/2005 12:28:31 AM 00:28
 Posted: 4/16/2005
 Location: Dumas, TX
 Shape: Light
 Duration:10 minutes

8

1955 - Air Force jets pursue lights over small Texas community.

I was only 10 years old when my 13 year old brother and I heard something on the radio about strange lights over Amarillo Air Force Base, Amarillo, Texas. We lived in Dumas, 47 miles north of Amarillo. We heard jets flying overhead and went outside to see them as this was not normal to have any air traffic over our community with the exception of large

military aircraft that flew over at very high altitudes during the day. We were delighted as youngsters to see the lights of the jets as they chased some odd looking lights overhead. The lights appeared to be about the same size as the jets and they would let the jets get close then they would change course immediately. My mother and sister were also witnesses. My brother-in-law was stationed at AFB and told us that after the jets returned that night, the base was locked down for 24 hours. I don't recall that there was any further news about it and the family never discussed it again as far as I know.

((NUFORC Note: Witness indicates that date of sighting is approximate. PD))

Occurred : 6/1/1956 19:00 (Entered as : 1956 7:00pm)

Reported: 2/5/1998 00:26

Posted: 3/21/2003

Location: Belton, MO

Shape: other

Duration:10min.

9

THE EVENT WAS A PERSONAL CONTACT WITH AN ALIEN. SINCE I WAS ABOUT 6 YEARS OLD AND IT HAS BEEN A LONG TIME FORGIVE ME ANY DESCREPANCIES I MAY HAVE IN MY DESCRIPTION. THE 'ALIEN' WAS ABOUT 6' TO 6'5" TALL. IT WAS FORMED AS A HUMAN BEING BUT WITH NO FLESHY APPEARANCE. I.E., THERE WAS A GLOWING LIGHT AROUND ITS WHOLE BODY. I COULD SEE LEGS, ARM, HEAD, AND BODY BUT BECAUSE OF THE BRILLIANCE OF THE LIGHT AROUND THE BODY I COULD SEE NO CLOTHING AS SUCH. HOWEVER, THE LIGHT WAS BRILLIANT BLUE (AS A VERY HOT FLAME) BUT IT GLOWED ALL AROUND IT TO BRIGHTEN UP THE NIGHT. I HAD JUST STEPPED OUT TO PUT OUT THE TRASH WHEN I NOTICED THE FIGURE OF THE BEING. IT SEEMED TO BE LOOKING AT A NEIGHBORS BACKPORCH LIGHTBULB; AND THE REASON I BELIEVED IT TO BE SO TALL WAS BECAUSE THE BEINGS HEAD WAS TALLER THAN WHERE THE LIGHT HAS BEEN FIXED ON THE BACK DOOR OF THE NEIGHBORS HOUSE. FOR MANY YEARS I HAD NOT TOLD ANYONE ABOUT THIS SIGHTING UNTIL A FRIEND OF MINE SHOWED ME A PHOTO OF A UFO HE HAD TAKEN FROM 1959(FROM A KODAK) WHICH HAD BEEN HOVERING NEAR HIS HOUSE...HE STILL HAS THE PHOTO AND I WILL BE GLAD TO SAK HIM TO SHARE IT WITH YOU IN THE FUTURE THANK YOU FOR ALLOWING ME TO SHARE THIS EXPERIENCE WITH YOU ((Name deleted))

PERSONAL CONTACT WITH ALIEN TALL- 6'-6'5" BLUE AND WHITE LIGHT SURROUNDING ITS BODY SHAPED AS A HUMAN BEING COULD NOT IDENTIFY: GENITALIA, MOUTH, TEETH, ETC. ONLY THE OUTWARD APPEARANCE OF A HUMAN FORM COVERED WITH BRILLIANT LIGHT. I COULD HEAR A VOICE IN MY HEAD HOWEVER AS IF THE BEING WAS TRYING TYO CALM ME FROM FEAR OF IT. I SCREAMED AFTER IT SEEMED TO SAY NOT TO BE AFRAID MY MOTHER CAME TO THE BACKDOOR TO CHECK ON WHAT WAS WRONG BUT WHEN I LOOKED AT HER AND POINTED UP TOWARD THE NEIGHBORS HOUSE THE BEING HAD DISAPPEARED... MAYBE IT WAS A YOUNG CHILDS IMAGINATION FOR FEAR OF THE DARK; BUT THERE IS ONE SURE THING I CAN SAY ABOUT THE ENCOUNTER... IT LEFT ME WITH A BETTER UNDERSTANDING FOR THE NEED OF A CHILD TO BE CLOSER TO HIS FAMILY THEREAFTER...

Occurred : 6/1/1956 20:00 (Entered as : 1956 20:00 ?)

Reported: 7/7/1998 00:58

Posted: 3/21/2003

Location: Memphis, TN

Shape: Cylinder

Duration:10-15 min.?

10

Object was glowing dull orange bent cylinder. Hovered noiselessly over RR tracks for a time, then took off straight up.

Object was seen in night sky, in approximately 1956, in Memphis, TN. Time of year was possibly fall (Sept. or Ot.). My mother and I witnessed this object hovering in the sky over the nearby railroad tracks. It appeared to be a dull orangish color, and glowed as if illuminated from within. I could clearly make out detail on the outside of the object, which was more or less cylindrical in shape, though jointed. (The closest known shape I could describe would be a fire hydrant-like shape). It hovered soundlessly for a short time, and then took off straight up, very fast.

Occurred : 6/15/1956 01:00 (Entered as : 06/15/56 1:00)
Reported: 6/11/2006 11:46:00 AM 11:46
Posted: 7/16/2006
Location: Edroy, TX
Shape:
Duration:Don't know

11

Paralyzed and unable to talk, but could communicate mentally.

I was woken by two beings approximately four feet tall. I was paralyzed and could not move or talk, yet I was able to communicate with these two beings telepathically. They told me I would have to go with them. I asked if I could tell my mother as I slept in the bed next to hers, and they told me no. It looked like to me, (at that time) that they had huge black sideways teardrop shoulders. I was only five at the time and my perspective was from a prone position in bed. When many years later I saw drawings of other people's descriptions of Aliens, I recognized what I saw. Anyway they said I must go with them. Everything else is a blank. When I was next conscious of being back in bed I told my mother what had happend, she told me it was only a dream. It was as real an experience as writing this letter. It was vivid, and clear. Believe me I would not tell of this experience if it were not real. For years after that, whenever any science fiction shows came on TV that had Aliens in it, I would break down and cry uncontrollably. My parents and their friends thought I was emotionally sensitive, or a big baby. (Take your pick.) I have suffered depression, and alcoholism since, and have always felt different. I recently went to a psychologist who TRIED to hypnotize me to remember, but I was either unresponsive to the hypnotism, or the part of the episode that I can't recall is buried too deep. If anyone knows a therapist who specializes in these events, please let me know.

((NUFORC Note: Witness does not indicate it, but date of the event may be approximate. PD))

Occurred : 6/15/1956 02:00 (Entered as : 6/xx/56 0200)
Reported: 5/2/1998 02:41
Posted: 2/11/2003
Location: Tripoli (Libya),
Shape: Light
Duration:several days!

12

Lights in sky (mars brightness) seen several nights in a row by USAF members at Wheelus AFB.

After finishing a graveyard shift, a number of other airmen and myself would often hang out at the basketball court at the 6930th RGM at Wheelus AFB in Tripoli, Libya. One such morning I looked to the north and saw a light sweeping across the sky with a very slight undulating path. I pointed it out and we all speculated what it might be. (this was a bunch of pretty smart guys due to our mission) We discounted inversion reflections, F-86D with afterburners (no satellites yet!) meteors. While speculating, here comes another one! Well for three nights in a row, we saw 4 to ten in one night. Although they were comeing from different parts of the norther horizon, they seemed to vanish pretty nearly the same place on the southern. (as determined by a fiducial point, an antenna)The path, when check on a map, was straight across the libyan desert crossing the Tbilsi Mountains.I did talk to an airman at the A C & W squadron (radar) after hearing the F-86D's scramble obviously in response to these odd lights. He said, "Oh, Yeah. We see these all the time" and quoted a speed I can't remember but was very fast.(it was odd to scramble jets at that time of the morning unless it was for an earnest cause- the officers do like their sleep!)

Occurred : 6/15/1957 13:00 (Entered as : 06/15/1957 13:00)
Reported: 6/20/2005 8:25:02 PM 20:25
Posted: 6/20/2005
Location: Hartford City, IN
Shape: Disk
Duration:5 minutes

13

flying sausers are as real as real gets

they looked like shiny dimes flying at 5000 ft in v formation , no noise or vapor trail, i was laying on sand stone at railroad crossing just relaxing , and since i loved aviation,i was looking up at sky, when i beheld them flying , i was so excited ,i rushed up to libery and got all i could on flying sausers , and they had a lot of information and pictures of flying sausers and experiences of fighter pilots encoutering them down through the years, plus commerical pilots seeing them. I was only 12 years old but will never forget it

Occurred : 6/15/1957 23:30 (Entered as : 06/15/1957 23:30)

Reported: 1/19/2005 8:55:50 AM 08:55

Posted: 1/19/2005

Location: Walled Lake, MI

Shape: Cylinder

Duration:30 minutes

14

The glowing object was there one second and in a flash vanished.

Thank you for this site. I have wanted to tell my story since I was a boy. I was 11 years old and asleep. I woke up with vibrations in my body and a strong desire to look out my bedroom window. It was a high window and I had to stand on my bed which was below it to see out. We had 80 acres of flat land in back to look out on. In the very back was a bright cigar shaped object that I some how knew was an alien ship. I called it a flying sauser as that was the only term I knew that would fit. I ran into my parents bedroom and woke them up. I told my dad there was a flying saucer in the back yard. He told me to go back to sleep. I said, "no it's real. Look!" He did and he saw it. He called Soufidge Field (Spelling is probabbly wrong but I'm sure it's still there) the military airbase in the Detroit area and asked them if they had picked something up on their radar. When they asked why, he told them we had a flying saucer in our backyard. They took his name and address and told him to go back to bed. Right! We loaded the shot guns and rifles. The lights went out on the craft and it was dark in the back 80. A few minutes later we heard foot steps on the porch and a knock at the door. I opened the door and my father and older brother put the shotguns to the opening door. The door opened and a cop was standing there staring down the barrels of two shot guns. He asked what was going on. We told him, and he said come outside and show me where. We stepped into the front yard and pointed back to the area where we saw the ship. He was taking notes on his clipboard and mocking us when all of a sudden the lights went back on on the ship. It rose silently in the air about 100 feet or so, hovered a second or two and then rose quickly 10 or twenty feet and then vanished in an instant. We all stood there in silence for a few seconds. The cop went over to his patrol car and radioed in what he saw. They told him to go back and investigate. He said, "Not me, you're not going to find my shoes in the morning." He left, and that was that until the morning. Around 11:00 a.m. the "Men in Black" arrived. CIA, FBI, Air Force, I don't know, but three cars pulled into the yard and my sister and I escorted the men to the back where we saw the craft. The men weren't wearing black suits, but were wearing blue suits. There were four men in suits, and two dressed in lab type suits carrying giger counters. They found areas where they said they thought the tripods landed as the weeds were laid flat. My father was at work, and my mother stayed in the house with my three younger brothers. My older brother was also gone somewhere at the time. The weeds in this area were tall, about three feet tall, and now were flat. They took measurements. I don't remember the geiger counters going off. That was the last we saw of the "Men in Blue." I had the same feeling of vibrations in my stomach a few years later when as a 17 year old, I was attending Interlochen Music Camp in Interlochen, Michigan. I told no one, but didn't sleep well that night in the cabin. The next morning in the breakfast line, I over heard two of the counselors talking about the flying saucers they had seen last night. They both said they saw a group of four flying saucers flying in slow formation over the camp. It verified the feeling in my stomach and I worried that the aliens were after me. I don't think they were, but at the time I was concerned. Oh, also, one winter we had a huge snow storm. I was 14 years old at the time. (Winter of 1960) and the snow was deep. I had the same feelings in my stomach and was afraid to move. I felt the aliens wanted to talk to me, or have me come outside. I did nothing but lay in bed praying. In the moring, the blowing snow from that night had stopped and had packed itself on my bedroom window in a thin layer. A pair of tiny bootprints could be seen on my bedroom window where a small alien had walked across my long window. I thought one of my brothers did that somehow, and so I went outside to see whose foot prints I'd find in the virgin snow. There were no prints anywhere. I was the first one to venture out in the new snow fall. There were no prints anywhere in the snow, not even below my window. The only fresh prints were on the side of the house and across my bedroom window. I knew they had been there. I can still see the prints in my mind. They were small, about the size of a lady's hand, shaped like a boot, and had ridges across the bottom.

((NUFORC Note: Date of event is approximate. We are grateful for such an interesting, and carefully prepared, report! We will correspond with the witness, in order to try to obtain more information about the event. PD))

Occurred : 7/2/1957 12:00 (Entered as : 07/02/1957 12:00)
Reported: 10/13/2005 10:01:56 PM 22:01
Posted: 10/20/2005
Location: Iceland,
Shape: Cigar
Duration:

15

It was a cigar shaped craft 400-feet long and 75-feet in diameter, like shiney aluminum.

I was 14-years old, am 62 now.

My friend's ((name deleted)) dad, ((pilot's name deleted)) was a PAX on a Navy Anti-Submarine Warfare Aircraft returning from Iceland. They were flying at 20,000 feet, above the clouds.

A UFO shaped like a cigar case, shiny like polished aluminum, approx 400-feet in length and 75-feet in diameter pulled up along side the Navy plane.

((name deleted)) and all on board started taking pictures. ((witness)) took six pictures and reloaded a roll of fresh film and started clicking pictures as fast as he could aim and shoot.

The UFO moved around the plane over the top, port side, under and back to the right side. It flew along side for several minutes.

The pilot made some maneuvers and the UFO followed precisely. The UFO pulled away at a high rate of speed and disappeared in the clouds.

Later the Navigator ordered everyone to turn over their cameras and film. ((witness)) kept the first roll, 6-pictures. He had the 6 pictures developed and there clear as a bell was the UFO.

I was fascinated and looked at the pictures a long time. There was a row of windows along the side, like round portholes. This was a solid mechanical device that made ballistic moves that no man made aircraft could make.

Nothing official was ever reported.

I did not see the UFO personally but saw the photos and heard ((witness)) report.

I believe what I saw to be absolutely genuine. /s/ ((initials deleted))

PS: ((name deleted)) was a ((rank deleted)) in the Navy not prone to jokes or exaggerations.

((NUFORC Note: Witness indicates that the date of the sighting is approximate. PD))

Occurred : 7/10/1957 20:00 (Entered as : 07/10/1957 20:00)
Reported: 2/25/2005 9:11:02 AM 09:11
Posted: 4/16/2005
Location: Phillipsburg, NJ
Shape: Cigar
Duration: 7 minutes

16

cigar shaped, after nightfall, Phillipsburg NJ, witnesses

cigar shaped loud roar made the 3 of us look up. The roar stopped and then there was silence but we could see the craft above our heads low enough to see markings on it but not in any language we knew. It stayed hovering above our heads for several minutes. We could see lights in the craft. Then in what seemed to be a split second the roar started flames or something similar out the back and it was gone. We all stood there frozen and although I told my cousin to go in the house

and get our parents he could not move either. We then continued on our way to the ice cream store when we met a woman with a small child in a stroller and asked her if she saw it. She said yes what was it. Of course we didn't know. I am now 59 and the memory is still fresh so it was life changing.

((NUFORC Note: Witness indicates that date of sighting is approximate. PD))

Occurred : 6/1/1958 19:00 (Entered as : 06/01/1958 19:00)

Reported: 10/25/2003 5:15:49 PM 17:15

Posted: 10/31/2003

Location: San Francisco, CA

Shape: Oval

Duration:2 minutes

17

A low flying huge silver flying saucer positions itself over home in San Francisco in 1958.

During one evening my 2 siblings and I saw a high silver giant flying saucer hovering over our house. It was just a couple of hundred feet in the air, it was hugh, silver and made no noise and it stood perfectly still. We all looked out the window at it in awe. The saucer then flew pass our house two blocks over. We ran to the back of house and looking out the window we could see it hovering over a busy intersection. I expected to read about it in the paper and hear about it in the news, but nothing was said. Anyway, while it was two blocks away, I grabbed a flashlight and started waving it toward the saucer. I wanted to go outside but then I hesitated. The saucer came back over our house to its original position and just stayed suspended in the air, not making any noise. I then started counting the tiny lights that were underneath the craft all around the bottom of it in one big circle; I counted about 18 lights and then it suddenly took off in an upward direction, it was so fast that it looked light it disappeared. The craft looked like it could have held 100 people in it; it was huge. My brother and sister recall that night in wonder and amazement. I felt that something may have come back; one night I heard the strangest noise outside my window, but I was too scared to look out; it was a high pitched noise that that higher and higher; I had to cover my ears to keep from going crazy. I personally remember my adolescent period as one of chronic insomnia and I was always checking the windows to make sure they were locked. I do not have any memory or inkling that I may have been taken nor does my brother or sister. The day after this happened, in school a brave boy stood up and told the class what he saw. He saw the saw saucer from his house; he lived maybe 4 blocks from me. No one believed him; I did not say a word. If I had seen a strange light in the distance or an object too fuzzy to make out, I may not be as strong a believer, but what I saw was so close to the grou! nd and so clear; I wonder why the majority of sightings are not of this type. That's it.

((NUFORC Note: Date is approximate. PD))

Occurred : 6/6/1958 09:30 (Entered as : 06/06/1956 09:30)

Reported: 5/16/2006 2:48:53 AM 02:48

Posted: 7/16/2006

Location: Cincinnati, OH

Shape: Diamond

Duration:24 hours lost

18

odd shaped diamond saucer,light could pass threw it,about thirty feet long,15 feet high,three feet from touching the ground,glass looking ramp streched out touching the grass,grass seemed to be pressed down. trees all around it seemed too be pushed away from it. sighting took place in a large forest. female was about 6ft 4inches,very long white hair,she had a body you would die for.she spoke german,told her i did not speak it.she began too speak all types of langage,stopped her when she spoke english. she placed band around my head and i could hear her speak too me but in my mind.she did not speak english too well and this band would help us talk.let me see inside her star ship but would not let me go in.got very bad head ach from band had too take it off. i was 14 at time,62 now still see and talk too her

((NUFORC Note: Date is approximate, although the witness would have been 14 in 1958. We have amended the date above. PD))

Occurred : 6/15/1958 15:00 (Entered as : 06/15/1958 15:00)
 Reported: 10/18/2003 4:25:42 AM 04:25
 Posted: 10/31/2003
 Location: Coffeyville, KS
 Shape: Cigar
 Duration:?

19

This object was observed by 4 adults and 7 of us kids, I felt a loss of time I cant explain.

I had to have been 3-4years old! But the memory stayed with me all these years.In 1997 living in Los Angeles I went home to visit my mom who is still living and 78yrs young.

My conversation started out one day as Mom I know Im not dreaming this but do you remember...before I could finish she said I know what youre going to say and yes you did see it. So, I went on to describe what I remembered seeing which was a silver cigar shaped object flying above this old school building in the background. She said talk to your aunt she remembers it too.At that time I didnt have the opportunity to do so. But in March of 2002 I was visiting my mother again after her stroke.And at that time my aunt was there too. So we talked about it and she verified the same thing my mom had said yes we did see it. The lights around it and everything. It scared everyone so bad it wasnt talked about except between the two of them.It wasnt discussed even with my uncle nor my father. They checked the papers to see if anyone had reported it because this happened in broad daylight. They listened to the radio but nothing reported.At that time they didnt want to appear "nuts" so they just kept it to themselves. They felt that being it was a beautiful Sunday afternoon and since we saw it others had to have seen it.At that point my mother said no one said a word the adults had been sitting on my aunts front porch and we kids were playing on the sidewalk running in and out of the gate.They just gathered up and we got in the car and were taken home. Now, thats where our memories differ. I remembered everything they described. But I also remember more. What I can add to the memory is that the object came down and hit hovered above the ground in the field next to the school. It had to be maybe 4-5 feet above the ground. Given the fact that I was just a child and not tall. I remember looking at the star ship and the lights around it was pulsating around the middle of it like a neon light goes around in a circle. The windows were rectangular panels but there were no seams. It all looked like one piece.

it wasnt a shiny metal craft but it was a silver color. For whatever reason I wasnt afraid. Next, I remember being on the sidewalk across the street from it and in one of the rectangular panels was a little being about my size.This little person was in proportion in size. He appeared to have large eyes and tho his dress was like part of him it was as if we communicated through telepathy and he was saying goodbye and he raised his hand as if to wave at me. This is the even more strange part...Nothing was moving but me and as I ran back to the gate opening at my aunts house all of a sudden motion started, I felt a slight jolt as things started moving again. Everyone was jumping up gathering us up and getting home in a hurry without saying a word as to what had just happened. I had buried it in my mind til my own son had turned about the same age I was at the time and began to show me he had some special "gifts" from God. It triggered that memory in my mind.

((NUFORC Note: Date is approximate. PD))