A brief history of challenges to the cosmic acknowledgement that "We are not alone."

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July 13, 2022

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13 Abbreviations and specialized nomenclature

1 Disclaimer

In no way does this paper purport to be any kind of an official document. It is merely a compilation of my thoughts and scholarly findings gleaned from the public controversy over cosmic matters regarding UAPs, UFOs, and USOs as well as matters relating to the Extraterrestrial hypothesis. Lives have been lost, beings have been physically and psychologically hurt; we should want to find a way to alleviate and repair this loss. If this explication can help put into perspective an explanation of how our situation has developed and what lessons we can learn from it to help our resulting human condition, it will have succeeded in fulfilling its objective.

2 Fundamental cosmological questions

2.1 Introduction and motivation

As we grow up, we ask fundamental questions about life and the cosmos. Are we the only life in the universe? Does intelligent life exist in other star systems? Although these questions are not always addressed in religious schools, they are often circumnavigated or handled obliquely. In societies as scientific as the modern societies are, they nonetheless clamor for exploration and investigation. If there is intelligent life, other than that on Earth, in the universe, are those ET species capable of traveling to Earth? Do they visit us in unidentified aerial phenomena (UAPs or UFOs: see list of abbreviations at the end of this article)? To whom do those UAPs belong? Our understanding is leading us into a new world, which we can modify, manage, and mismanage, if we will. The more we inquire into these fundamental questions, the more fascinating and complicated the exploration becomes. In the discussion below, we will attempt to clarify and explain our evolving perspective on some of the highlights of these issues, As more information comes to light, the more our current humble perspective will become developed, as we become evermore so humble.

2.2 An overview of the discussion

To open in this exploration, we consider some phenomenological basics to set the stage. We review our real-world environment, challenges to domestic tranquility and public safety, as we survey historical highlights relating to ETs and UFOs or UAPs. Two approaches emerge in the threat assessments. Originally, there was an official tendency to downplay any of these claims, perhaps in fear that they could spawn commotion or angst similar to that which arose from Orsen Welle's War of the World radio drama of 1938. When World War II broke out, the potential military applications complicated the subject even more. Churchill told Eisenhower that the subject of UFOs should be classified, which gave an official imprimatur to the maintaining the secrecy of these matters. However, public safety issues created challenges to keeping the subjects secret-including, abductions, injuries, tragedies, and disappearances. In this paper, we will consider the reality of the extraterrestrial hypothesis (ETH) and the reality of UFOs or UAPs. We will also discuss how counter-intelligence operations arise, where public threat reduction measures are needed, to disguise the truth to protect against the eyes of spies and adversaries. We consider some measures for threat reduction, along with different schools of thought about UAPs and ETs given the circumstances.

2.3 Learning how to communicate

We first have to learn how to meet these ET species and communicate with them. To address this question, two of our top physicists J. Robert Oppenheimer and Albert Einstein, drafted a letter to be sent to the US President, entitled, "Relations with Inhabitants of celestial bodies [1]." In that draft letter, they said we would have to first establish a language of communication. They would have a right to be recognized as an independent and sovereign people.

2.4 Learning how to understand

We want to understand their interests in visiting Earth. We would want to know if they are interested in our natural resources, setting up one or more colonies on earth, and we would have to have laws relating to our relations with them, among other things [1]. However, before we ascertain

whether extraterrestrials (ETs) exist and/or UAPs are of an ET origin, we have some questions to resolve about our techniques of observation. Then we can address the question of how we can cooperate toward common goals.

2.5 Learning how to co-exist and cooperate

Once we have mastered a communicable language, we need to learn how to interpret the language. We will have to establish a set of norms for co-existing, coordinating, and cooperating about matters of mutual concern. This problem remains a basis for conflict in contemporary terrestrial international relations, especially when violating aggressor is a country in possession of weapons of mass destruction and disruption. This is a problem that transcends epistemological disputes when there is a global consensus as to the identify of the aggressor. There are several salient examples of violations of international law and agreements. Russia, conveniently forgetting 1994 Budapest Memorandum commitments to uphold Ukrainian independence and sovereignty, perpetrated unprovoked aggression against Ukraine in 2014 and anew in 2022.

3 Phenomenological challenges

Scientists rely on empirically substantiated fact. Facts have to have been validly observed. For their validity to be established, they require corroboration. Individual observations are not sufficient to establish a fact. They require intersubjective corroboration to establish a fact. Facts of relationships can be established by accurate recording of sequences of antecedent and consequent phenomena that are demonstrably reproducible by proper testing. Before the advent of the pocket camera, or camera phone, word of mouth was the common mode of reporting a personal experience. Fundamental questions confront observers of aeronautical phenomena. Is the observation objective or subjective? If there is only one observer, the observation is subjective unless this observation has been observed by multiple individuals whose interpretation share commonalities, and all the better if these have been recorded by technological instruments. The methods relied upon are scientific predicated upon empirical reliance on validated observation and testing of operational hypotheses.

3.1 Empirical objectivity

A phenomenological question arises as to the reality of the target of the observation. If observed phenomena are not objectively real, can they be explained as distorted images or mirages of something. If the target is a visual distortion, can the observation be intersubjectively or objectively confirmed to be nothing more than a mirage resulting from a distortion of the focus or path of the light. Temperature inversions in the atmosphere sometimes refract the path of light to the observer. Undulating waves of heat may cause the appearance of waves of water in the desert to a thirsty traveler. Sometimes they cause ships at sea to appear as though they float above the horizon. Intersubjective corroboration may contribute toward the supporting of claims of personal observation. However, those pursuing the scientific method tend to rely observation and calibrated empirical testing for testing their hypotheses. They rely on replicable tests for their sources of support. Rumor is deemed hearsay and insufficient evidence. The more degrees between the originator and the current source, the more uncertain it is. Hence, there is importance to accurate recording of the original observation for expert evaluation.

3.2 Factoidal foundry of cultural cleavage

There are many systems of belief that lack objective corroboration. Among these popular beliefs are common misconceptions and cultural assumptions. These public myths may be common place. They are often widely accepted as fact, but are not really valid. Obvious examples are the beliefs in witches, geocentric theory of the solar system, phlogiston theory of combustion, and the stationary character of the universe. Much of these myths comprise cultural assumptions that should be called into question for more serious deliberation. The lack of means available to the public to scientifically survey residents about these matters or to undertake a scientific study of the subject naturally generates a variety of flavors of opinion on these aspects of popular culture. Where these systems of thought become intense, polarization of the culture emerges. Believers in the same cultural mythology tend to congregate in homogenous groups. Sometimes social media contributes to these cultural interest groups. Sometimes political pundits contribute to them. To the extent that homogenous interest groups become politicized, they may become special interest groups advocating and/or lobbying on the part of their causes. They usually find one of the many avenues to solving a problem their preferred course of action and try to get that norm legislated into a law. Different special interest groups often do not want to accommodate the interests of the others. Instead of seeking a common ground to please all of the interested parties, they often make the mistake in believing that their solution fits all situations, thereby failing to accommodate the spectrum of probable contingencies. To the extent that personal suffering or trauma causes people to feel passionately about the positions they have taken regarding these beliefs, they may willing to go to extremes to promote their positions. Political polarization can be the consequence.

4 Technical detection, sensing, and recording

The *mode of observation* comes into question. Inherent in this situation is whether the mode of observation is direct of indirect.

4.1 Direct sensing

Is the observation an up-close and personal visual observation or a situation observed by by multiple persons from varying distances, all of whom concur as to the nature of the target of their observation.

4.2 Indirect sensing

Often, people are facilitated in their observation by the use of glasses, binoculars or telescopes. These devices are interposed between the eyes of the observer and the phenomenon. When these observations are examined by specialists, there may be an inadvertent tendency to stovepipe the analysis beyond the realms of expertise of other experts. For this reason, it is better to have teams of multi-disciplinary experts analyze the data. However, when scientists are analyzing phenomena beyond the realms of common experience, the specialization of the expert analysis is not uncommon and this lends a level of difficulty to arriving at a clear understanding of the phenomena.

4.3 Remote sensing

The remote sensing used to be done by multiple mobile trucks with directionfinding antennae to triangulate the source of a targeted adversary. If the target was operating at night, night-vision systems were applied to illuminate the target. As time passed, remote sensing graduated to high-flying reconnaissance craft (such as, AWACs, U-2, SR-71 or more advanced systems). Eventually the capabilities of the systems of observation were miniaturized enough to be placed on U.S. Corona or Zenit surveillance satellites. Meanwhile, the Russians used their Cosmos satellites for their surveillance of the U.S. They searched for missile launches or nuclear detonations, among other kinds of electromagnetic communications, as indications of nuclear or other kinds of weapons research undertaken by potential adversaries. Multispectral (radio frequency, infrared, and microwave) systems of detection and identification could be applied as well to assess the chemical composition of the target for additional analysis.

The signals gathered sometimes depended on terrestrial or solar weather. Synthetic aperture radar was developed to penetrate cloud cover. Depending on the sensitivity, ranges, and wavelengths of these systems, those devices could enable identity and target acquisition. The area of operations is of interest in this regard. The range and scope of this area is of relevance. But these systems are not foolproof. To protect the national sensing systems, a series of electronic countermeasures had to be developed, and when the adversary reciprocated, electronic counter-counter measures had to be devised. So the surveillance races followed the arms races. These systems needed maintenance as well as continued research and development. The international surveillance environment thus dynamically spread.

Periodically, they would detect a fast-mover or collection of them. If they were not our own military drones, drone swarms, synchronized blimps, or our other experimental vehicles, the public tended to suspect that they were so unusual and beyond our known capability that they must have been of ET origin. Depending upon the level of public knowledge of the technological systems circumnavigating our planet, the speculation would abound.

4.4 Systemic calibration

These observations may have been observed and recorded by various technical means of previously calibrated systems However, there have been numerous incidents of UFO encounters where car engines sputter and die, but resuscitate, upon the departure of a flying saucer from the vicinity. It is possible that the plasma sheath creates electrostatic field in the vicinity which wreaks havoc on some electrical circuits. If these systems undergo an electrical surge,

some of the tuning circuit components could have degraded and/or even broken down. Solar flares or coronal mass ejections have created ionospheric irregularities that have impair the functioning of the electrical grid. The systems would have to have been recalibrated for them to be deemed reliable. if they were to be used taking measurements. If multi-spectral analysis is performed, different radiometric wavelengths may be used to corroborate assessments. If these systems were at various distances from the target of their observation but concurred in their measurements of the phenomena, all the better.

4.5 National technical means of surveillance

Among the sources and methods used for intelligence are the means by which we attempt to monitor our environment. We monitor the outer-space, airspace, sea-surface, and sub-marine space for potential phenomena. We also need to monitor the biospheric habitat essential composition, including our water and food supply logistics, and full-electromagnetic as well. Failure to do so would be to build blind-spots into our systemic defenses. What we reveal about what we know may disclose our capabilities, which we are legally obligated to hide from potential adversaries. This means that inherent in our rules and regulations is an inherent reluctance to be transparent about our knowledge. To be able to undertake these activities successfully, a cloud of secrecy is drawn over much of the national technical means of surveillance, as well as the military research and development needed to maintain deterrence. A CIA covert operation to obtain the plans and systems used in the Russian Sputnik satellite is a good example, as is the Russian satellite attempts to surveil the activities at Area 51 in Nevada. Such active operations are more or less routine as are the countermeasures employed to neutralize them. For threat reduction a level of assured verification of peaceful intentions may be agreed up and allowed if the parties have no hostile intent. A modicum of this was allowed in the US-Russian "Open-Skies" agreement in years past.

5 Intelligence and Interpretation

Among plausible alternative explanations, some can be eliminated after the data were collected, collated, and analyzed. If we decide empirically that these crafts are real, and therefore not ignorable, we have to decide whether

vehicles pose a threat, are trying to communicate, are demonstrating their relative superior capabilities or are merely performing their own missions while ignoring us. How we respond to these phenomena depends on our interpretation of their actions. Also, we might also wish to base our decision to try to communicate with such phenomena on their manifested activities. Sometimes the compartmentalized security clearance system can have the inadvertent impact of stovepiping knowledge among specialized groups of scientists. This may result in ignorance and lack of communication between interested parties. Specious disputes may arise that can impede cooperation and coordination in crises. Carolyn Cory tried to overcome some of these barriers in her film project, "A Tear in the Sky," in which she enlisted the help of a multi-disciplinary team of scientists who formed an organization called, UAPx (A UAP expedition organization devoted to collection and analysis of actionable data on UFO./UAP phenomena), to use a variety of different technical means with geographic triangulation to monitor the area where the USS Nimitz spotted the 'Tic-Tac' like drones (available on Amazon prime video) [17].

5.1 Security clearance level thresholds

Suppose they are ours and therefore pose no threat to us. We may not want our adversaries to know that they are ours, so we have a counterintelligence motive to have our adversaries believe that they are not ours. Then we might want our adversaries to think that they are those of extraterrestrials when they are really ours.

5.2 Special Access Program compartmentation

To actually be able to distinguish between what is really our reversed engineered craft and those of extraterrestrials is difficult to do if you do not have a comprehensive knowledge of the envelope of our technological development in all related fields. Top-secret codeword clearance is required. When Churchill and Eisenhower discussed the presence of UFOs during WWII, Churchill advised Eisenhower the matter be kept secret, presumably for fear of spawning a mass panic (similar to that sparked by the 1938 commotion from Orsen Welles's "War of the Worlds radio drama) [37] This challenge is a problem for our most advanced scientists and engineers if they are not read into all of the related yet compartmentalized projects at a particular

time. Those managers, scientists, and engineers involved in the UFO/UAP project needed to have TS/codeword compartmented security clearance to be able to distinguish our reverse engineered flying saucers and those of the ETs. The codeword for this cosmic clearance used to be **Majic 12** or later **TS/ORCON**. If you were not cleared for these projects, even their existence was denied to you.

President Truman entrusted the UFO study to the sole jurisdiction of the MJ 12 committee of 12 scientists, intelligence, and military leaders. The subject was classified above Top-Secret. Security compartmentation is inherent in our classification system. Excessive bureaucracy may have an effect of stovepiping awareness and essential coordination concerning the protocols and black projects under way. This stovepiping may have been one reason for which Lu Elizondo thought that his efforts might be less encumbered by his official retirement from AATIP. The Special Access Program bureaucracy makes it difficult for many sophisticated scientists to make confident pronouncements as to what is extra-terrestrial and what was really terrestrial. Because some of the related matters were deemed above Top-Secret and beyond the jurisdiction of the President, Eisenhower became concerned that the work of the Military Industrial Complex might get out of hand, as it were. In Eisenhower's farewell address, he warned us of the dangers of the Military Industrial Conference's excessive secrecy and power. [27]. If SAPs stovepipe knowledge, they could inadvertently prevent warning of an emerging threat. As the 9/11 Commission Report found this to have been a problem, fusion Centers of liaison committees were created in the Department of Homeland Security to resolve that issue.

6 Threat assessment

6.1 Intelligence in a real world environment

There are multiple types of threat assessment. Some threats are direct, others are indirect. Some threats are veiled whereas others are overt. There are also threats that are conditional on the situation and the relative ability to control it. To plumb the matter more deeply, there are different levels of threats, when one considers the parties involved. These parties can be extraterrestrial, international, transnational, and national. The type of threat will depend on which kind of party is perceived as the party presenting the threat and

which party is perceived as the threatened. The threat mode may depend on the relative capabilities of the parties involved. In an attempt to simplify matters somewhat, we focus on UAPs and their pilots, if any.

6.2 International relations: the contemporary context

6.2.1 Space is a new frontier.

Space begins at an altitude of about 61 miles above the earth. It is an enveloping space in which thousands of critically important satellites orbit the earth. Some of them provide navigational guidance such as those that are part of the *global positioning system*. which allows travelers to locate their position on earth. It is space of developing competition. Some satellites provide *satellite telephone communication*. Others provide *network and cable television*. Some satellites provide *international banking services*.

Earth observation satellites watch over the earth's weather and climate for habitability. They provide meteorological warning of dangerous weather, such as hurricanes, cyclones, tornados, and shifts of weather fronts like a polar express or a dangerous heat wave. Others monitor volcanos, ice cap, and glacial shrinkage They can monitor the atmosphere for the pollution of greenhouse gases as well as the temperature of the land and the sea surfaces as indicators of global warming. They can spot oil spills and forest fires.

Satellites may be tasked for search and rescue (SAR) purposes in remote areas on land and sea. NASA's international Cospas-Sarsat program that provides 406 Mhz distress beacons NASA helps locate mariners, aviators, and hikers in distress almost anywhere in the world at anytime. According to NASA, "the Air Force coordinates inland search and rescue, the Coast Guard coordinates maritime search and rescue, and the National Oceanic and Atmospheric Administration operates the system. NASA infuses technology into the overall program to minimize the search time and maximize the rescues."

Solar weather merits monitoring as well. The GOES-R satellites carry instruments to monitor solar weather—such as solar flares, magnetic anomalies, extreme ultra-violet and x-radiation that could cause reduce navigational accuracy and cause radio blackouts from the solar emissions .

6.2.2 Potential threats

An adversarial enemy could try to blind or dazzle the satellite sensors with lasers in an attack. If a country is foolish enough to destroy a satellite, the satellite destruction proliferates space with shards of junk. If that junk is traveling at more than 17,000 mph (the escape velocity of an object) it remains in orbit. If any shard were to impact the international space station, the damage wrought could threaten destruction of that station along with the lives of the astronauts working there. Therefore, the Space Force is tasked with monitoring each piece of the debris and upon forecasting its trajectory. The objective is to provide warning to anyone in the expected path of the potential danger, with sufficient time to prepare for an emergency escape.

The targeting of warning satellites is an indication of the commencement of war. It is a trigger to a massive defensive response. As military and intelligence agency satellites monitor troop activities and military research and development around the world, they protect our troops and their allies from emerging threats or crises. These critical assets require research, development, and safeguarding against any and all threats, which is the purpose of the Space Force. Wenceslas

6.3 Limitations of U.N. diplomacy

In an ideal world, the agreed upon protocol would be pacific settlement of disputes at the U.N. without resort to military aggression, casualties, political annexation, human subjugation, and/or abuse. Natural problems of the environment would be mitigated and removed; human scarcity and suffering would also be eliminated. Emerging problems would be resolved by diplomatic communication and ordinary processes of national decision-making. Within the nation amicable resolution through mediation and/or arbitration would obviate the needs for strikes and protests.

The problem is that the real world has far to go to attain the ideal human condition. However levely it would be for such an ideal situation to be the international norm, it is clearly not so. The U.N. is paralyzed when the threatening party is a member of the Security Council, for it can veto any resolution with which it disagrees. Russia has exhibited this kind of behavior in dealing with matters relating to its unprovoked aggression against Ukraine. The General Assembly has no power over peacemaking operations that are not approved by the Security Council. In reality, peacemaking and

peacekeeping will be enforced by NATO and other U.S. alliances. For example, there are major alliances between the more democratic countries and different arrangements among the more autocratic countries in this world. The autocratic countries are less inclined to respect the independence and territorial sovereignty of the democratic states than *visa versa*.

Threat assessments depend on the international relations of the country in which the observation is made. Bad actors plague the contemporary international arena. Unprovoked Russian aggression against Ukraine on 24 February 2022 stands out as a case in point. According to the Budapest Memorandum of 1994, Russia, the U.S. and the U.K. promised to guarantee the sovereignty and independence of Ukraine, in return for Ukraine's giving up all of its nuclear weapons in the interest of a stable and peaceful international situation. However, Russia seems to have forgotten its promised obligations. The result has been the growth of a conflict international environment into a conflict between Democratic and Autocratic States. It is not an environment in which countries can safety surrender their means of military deterrence.

There are other transnational relations among groups that occupy some countries that do not possess effective political control over their territory. Various flavors of religious, ethnic tribal, narcotic cartel, criminal human smuggling and/or terrorist organizations also exist within and between some nations that do not exercise complete control over their national territories. If abductions are involved, hostage rescue teams with crisis negotiators are usually used. If these criminals are intrinsically hostile, armed and dangerous, they may require a military option.

6.4 Regional alliances

The U.S. has a system of military alliances: NATO, (North Atlantic Treaty Organization) NORAD (North American Air-Defense Command, ANZUS (Australian, New Zealand, U.S. Security Treaty), and the Moroccan Treaty of Friendship to which it is a party. The members of these alliances engage in exercises together to train for challenging contingencies. The security of our arsenal is a matter of national security. Unilateral disarmament is neither feasible nor rational on the part of any major power within contemporary terrestrial international relations. For this reason, it is imperative to safeguard our national weapons systems to prevent sabotage or attack by any external power. Some of these weapons are nuclear and have great destruc-

tive power. They cannot be allowed to be disabled, stolen, hijacked by any external party. Their condition must be one that enables global mutually assured destruction of any party that would threaten the security and stability of this security of our weapons systems.

But the world is not static. It is evolving. For arms deterrence to work, there has to be a dynamic correlation of forces that needs to remain effective. Monitoring systems must be reliable enough to verify what this dynamic correlation of forces is. The exchange of information should be adequate to prevent any of the parties to think that they can survive a first-strike preemptive attack.

6.5 A brief history of UAP and/or USO challenges

In the time shortly after World War II (WWII), radar could not always distinguish friend from foe. An apparent intrusion in an airspace was sometimes intended as a target for interception. Much of the political and military organization that developed had its origins in WWII or the Cold War that followed it. This was a time when the military and intelligence organizations had a large role to play in national decision-making. Although the study of UFOs and anti-gravity had its origin in research that began before World War II, after the the beginning of that War, anything with potential military application came under the jurisdiction of the Intelligence Agencies and the Defense Department. During World War II, Winston Churchill advised General Eisenhower to keep matters relating to UFOs secret.

6.5.1 1945 Operation Paperclip

In 1945, Operation Paperclip was a top-secret U.S. military operation during WWII to find and recruit top-level Nazi scientific and technical talent in the aerospace and military weapons fields to assist in Allied research and advanced technological development. This included persons working on the Nazi flying saucer projects. The work on the V1 and V2 projects at the Nazi Peenemünde, Nordhausen, Wencelas facilities included such scientists as Dr. Werner von Braun, Arthur Rudolph, Walter Dornberger, Hans Kammler, Georg Rickhey and Dr. Hermann Oberth among others [26]. Willing cooperators were given new identities and asylum in the U.S. [26, Chapter 5].

Arms control and development must be safeguarded, externally and internally. The scope of such agreements should include both external and internal arrangements sufficiently worthwhile to outweigh any advantages from non-participation. The scope of the agreement should deal with requirements for participants, compliance verification, conflict resolution protocols for parties, range restrictions for warhead delivery systems, as well as protocols for acceptance of candidates for participation.

6.5.2 March 1947 The Battle of Antarctica

Several attempted interceptions of UAPs took place. In March of 1947, the Battle of Antarctica took place when the Operation High Jump under the direction of Admiral ByrdTask was sent there. The project seems to have been aborted after only eight weeks, with the loss of half of the seaplane and helicopters. At some time during this expedition, Lt. John Sayerson reported a USO emerging from the sea "at tremendous velocity" and blasted the U.S.S. Currituck with some sort of ray [28, 80]" Although the U.S.S. Sennet was credited with shooting down one of the flying saucers, the details of the Battle and the success of Task Force 68 appear to have been classified [28, 76].



 $Cruiser\ Minotaur\ fights\ against\ a\ flying\ saucer.\ Photo\ provided\ by\ History\ channel\ at\ midnight and\ provided\ by\ History\ channel\ at\ midnight\ provided\ provi$

Figure 1: USS Minotaur being attacked by Nazi flying saucer in 1947 Battle of Antarctica

6.5.3 July 8, 1947 UFOs crash in New Mexico

On July 8, 1947, the Roswell Daily Record reported a UFO crash near Roswell, N.M.. Although the initial official US Air Force report was that

a crashed flying saucer had been recovered, a revised public relations report the following day attempted to claim that upon examination the debris was found to be that of a weather balloon. It was hoping that the public would accept the narrative that the debris was nothing more than the remnants of a weather balloon, as if they could not at fist tell the difference. This cover-story, predicated on cognitive dissonance, stretches credibility beyond its elastic limit. Notwithstanding this attempted cover story, Col. Philip J. Corso [22] affirmed that ET bodies were recovered from the crash, as did a later 1950 FBI memo to J. Edgar Hoover, from Special Agent-in-Charge, Guy Hottel, that by 1950 three saucers had been recovered [33]. Here was evidence of ET visitation. There were three landing zones one near Corona, N.M., one near Socorro N.M., and a third, 30 mi East of Alamogordo, N.M.

6.5.4 FBI 1950 memo on UAPs

According to Frank Joseph, J. Edgar Hoover wanted access to the craft, but the U.S. Army would not allow it, because Truman was placing sole jurisdiction in the Majestic 12 committee [28, 107-108].

Kentucky Air National Guard pilot Captain Thomas F. Mantell, Jr. in 1947 was ordered to approach a UFO and identify it with his souped-up F-51 Stallian (earlier called a Mustang). The plane would climb too almost 42,000 ft., but the lack of oxygen tanks precluded safe flight above 15,000 ft.. His two wingmen broke off the chase and returned to base. Mantell tried to pursue the metallic disk even though he was approaching 20,000 ft. His plane spun out of control, crashed, and was killed in the crash [28, 115]. for about 30 minutes after Mantell's crash over Godman Air Force Base [28, 118].

6.5.5 July 19 to 29, 1952 White House in D.C. buzzed

. The flying saucers appeared over D.C. as a fleet. After they buzzed the White House and the Capitol building, F-94 jets were scrambled. But each time the interceptors approached the saucers, the saucer blips would disappear. The speed of the saucers exceeded 7,000 mph upon their departure. The US Air Force jets could not catch the UFOs, which easily outmaneuvered them. By July 20, the UAPs were gone. But there was no longer a credible way to say that they did not exist. By July 30, 1952, Robert L. Farnesworth, President of the U.S. Rocket Society, urged the military to stop trying to shoot down the "flying saucers" [28, 151]. If the craft were of ET

origin, hostile action toward them could have grave consequences.

6.5.6 September 14-25, 1952 Operation Mainbrace

Operation Mainbrace was a NATO exercise that endeavored the display the combined power of NATO naval forces to establish a Cold War Deterrent effect. The exercise lasted from September 14 through 25, 1952. During this NATO exercise, Unidentified Submersible Objects USOs were observed by sailors on board the ships involved. UFOs were witnessed exhibiting transmedium travel at speeds far in excess of those the ships party to the exercise could achieve. During this exercise, NATO forces observed UFOs entering the water as well s emerging from it. The sightings attracted the attention of the investigators of Operation Bluebook, the official U.S. Air Force investigation UFO sightings (March 1952 through 1969).

On May 20, 1953 USAF First Lieutenant Milton Torres was ordered to intercept a UAP with his super Sabre jet over Kent, U.K [41]. He tried but could not keep up with the object. When ordered to fire upon the object, the UAP instantly accelerated to hypersonic speed while both the Tower radar and Torres' radar screen went blank. The incident was classified [28, 156]. Not until 2008 was the embarrassing UFO escape disclosed [41].



Milton Torres with F100 at Luke AFB during 1966.

Figure 2: In 1953 Lt Milton Torres was ordered to intercept a UFO, which instantly escaped.

On December 23, 1953, Pilot Felix Moncla Jr and his radar operator Robert R. Wilson were ordered to intercept an unidentified contact in their Northrop F-89C off. Saut Ste. Marie's Soo Locks over Lake Superior. The ground radar operator watched the blips of the UFO and Jet merge and then disappear from the radar scope. All radio communication had gone silent. A search was launched but no trace was ever found of Moncla, Jr., Wilson, or their jet [28, 157-158].



Figure 3: In 1953 First Lt. Felix Moncla and his Radar Operator, Robert Wilson disappeared chasing a UFO over Lake Superior

When Lt. William E. Atkins and Lt Henry F Coudon, a radar operator, flying an F-94C were diverted from his routine mission to intercept an unknown aircraft at 10,000 ft. in 1954, his plane was blasted with waves of heat, forcing them to bail out at 7,000 ft over a populated area, killing four civilians in Walesville, N.Y. [28, 161-165].

The lesson learned from this turn of events is that Russia has too convenient a memory for it to be trusted. All agreements with Russia henceforth will have to be verifiable or not be made. They will have to last long enough for them to provide reasonable temporal security, so that a sudden break-off could not endanger the parties to the agreement. as no threat emerges that might destabilize an arms control agreement. Arms control agreements will have to cover both warheads and their delivery systems as well as national technical means of verification. The verification will have to be a part of the agreement. Their effectiveness and reliability will have to be ensured for the agreement to endure. Quality assurance of these means of verification extend to national technical means of surveillance. The reliability and completeness of the system will have to be assured. If these means can be circumvented or confounded, there will have to be ongoing improvement in the national technical means of arms surveillance and verification. Adequate monitoring of weapons research, development, testing, and modernization will have to

be safeguarded and enhanced. If a lesson to be learned must be that Russia requires a configuration of containment to prevent its imperialistic expansion, the Aliens must help us teach Russia a lesson that it can only lose by resorting to unprovoked aggression. Nick Pope, who used to work for the U.K. Ministry of Defense on their UAP project Condign summed up the UAP concerns as being "all about technological superiority and security."

If the country has international adversaries, it will want to prevent those countries from obtaining knowledge of the nature and capability of its national technical means of gathering intelligence. If adversarial countries had such knowledge, they might be able to circumvent those defensive capabilities. This precludes a global sharing of intelligence and technical capabilities. Only those who are dangerously naive and politically ignorant would be inclined to think that we could or should do so. In the contemporary situation, there are hostile aggressor nations like Russia and its allies with whom the U.S. would be prudent about means of international cooperation. There are areas where this might be done where there are shared interests in preventing global thermonuclear war, which could destroy the earth and its habitat if things escalated beyond control.

6.5.7 Accidents, injuries, fatalities, and disappearances

The Falcon Lake Incident On May 20. 1967 in Falcon Lake, Manitoba, Canada, Stefan Machalak who had been prospecting for quartz and silver, chanced upon a flying saucer that had landed. As he approached the craft, he was wondering whether it was a U.S. military craft merely experiencing some kind of mechanical trouble. Due to his proximity to the saucer, upon its lifting off, Machalak sustained burns to his stomach (Fig. 7).



Figure 4: Grid pattern of burns on Stefan Machalak's stomach

Operation Plate (Operação Prato), 1977-1978

In 1977-78, in Northern Brazil several mayors of villages in Northern Brazil (Fig. 5), complained that their citizens were claiming that they were being attacked by UFOs. Brazilian Air Force intelligence agents interviewed hundreds of witnesses from Colares and nearby villages. Many of the villagers had been burned by energy beams from the USOs that emerged from Marajó Bay. The subject was classified until the Air Force pilots were allowed to talk to the press in 1986 about their attempts to intercept the UFOs. When they did, one pilot reported that he tried to close in on the lights but were unable to get closer than 10 Kilometers from the object. One of the pilots was told that the radar contacts were closing on him, and he had to dive to escape them. The records were not made public until May 20, 2005. Some of the records were made public to Ufologists who were consulting with the Brazilian Air Force [42].



Figure 5: Brazilian region where people were reportedly attacked by UFOs and USOs

Nick Karnaze and Paul Beban interviewed some witnesses. According to multiple witnesses, beams of light electrically shocked and paralyzed some of the targeted persons. Numbness spread from the feet to the head, and then chills spread leaving a pain in the back of the neck. Some people began trying to use their firearms to shoot at the crafts. As one witness aimed a gun at the craft, he was blasted with a ray of red light that electrified and paralyzed him [42]. The attacks sporadically occurred during the night. The attacks were said to have occurred over a six month period. People pointed to the scars left by the attacks when talking to the doctor who treated most of these patients. One witness reported that the attacks ceased after the military showed up on the scene. Eventually the data was reported to have

been acquired by Robert Bigalow, the sole contractor to the AATIP program.

The Cash-Landrum incident: 1980 Around December 29, 1980, Betty Cash, Vicky and Colby Landrum (Fig. 6) were driving on a road near Houston, Tx., when they encountered a UFO that was experiencing problems. They slammed on the brakes of their car, as the craft landed in the road in front of them. The craft seemed to be burning, as it bathed the riders in the car with heat. Before departing, a throng of US Air Force helicopters arrived. It departed the scene shortly thereafter, leaving the two women in the front seat with nausea, vomiting, burns and blisters. At the hospital, the two women who were in the front seat were diagnosed with symptoms consistent with acute radiation sickness. The area turned cancerous and the two women passed some time thereafter. Colby Landrum was seated further away in the back seat and did survive from the same heat effects. [19, 194], [20]



Figure 6: Betty Cash and Vicky Landrum died from apparent exposure to radiation from of malfunctioning, reverse engineered (according to Richard Doty), UFO

The McGuire Air Force Base tragedy

On January 18, 1978, according to Frank Joseph, glowing spheres buzzed the US Army's Fort Dix and the adjacent US Air Force's McGuire base. When a military policeman on mobile patrol encountered an E.T. Grey alien, he reportedly ordered the subject to halt. When the subject ignored the order, the MP shot the E.T. with his service pistol. The E.T. hopped the fence separating the bases and then died. Whether the E.T. died for lack of adequate communication is unknown. The runway on which the alien expired was declared a crime scene while McGuire AFB went on maximum alert. The body was fumigated and paced for on a C-141 Cargo jet for transport to another location. It is very unfortunate that a fatality was the result.

6.5.8 Human abductions by ETs

Betty and Barney Hill

On September 19-20, 1961, Betty and Barney Hill, (Fig. 7), returning to New Hampshire from a trip from Montreal, were on a road in the White Mountains of New Hampshire when they noticed a strange object in the sky. They were brought aboard the craft and, according to a hypnotic reconstruction of the experience, medically examined and biologically sampled by ETs. The ETs were described as Greys.

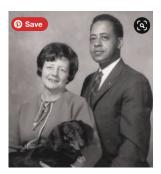


Figure 7: Betty and Barney Hill

Charlie Hickson and Calvin Parker

On October 11, 1973, Calvin Parker and Charlie Hickson (Fig. 8) went to the Pascagoula River, in Missisippi to do some fishing after work. While casting off, a craft descended and landed behind them on the pier. Three large robotic creatures emerged and approached them. They seized Hickson and Parker and levitated them to bring hem to their vessel. Inside, they were medically examined before being returned to the pier.

Immediately afterward, they reported the episode to the police, where they were separately interrogated and left in a secretly bugged room, where their traumatic recollections were confirmed from their subsequent recorded conversation.

Travis Walton

Some experiencers have reported traumatic abductions: On November 5, 1976, Travis Walton, (Fig. 9), and his fellow forest workers, who had been working on a logging project in the Apache-Sitgreaves National Forest, near Snowflake, Arizona, encountered a UFO on their way home from work. Travis, indulging his curiosity, wanted to get a closer look. As he approached



Figure 8: Charlie Hickson and Calvin Parker

the hovering craft, he was blasted with some kind of force that knocked him out. He was levitated into the flying saucer and kept reluctantly for a period of a little more than five days, before being released. His story has been corroborated by his colleagues and polygraph tests. In the abduction, he reported being medically examined on board the saucer craft. Travis strenuously resisted and was eventually released. In 1993, Travis Walton's experience was made into a movie, called, "Fire in the Sky."



Figure 9: Travis Walton, a forest worker, abducted by ETs in November, 1975

Frederick Valentich

On October 21, 1978, Frederick Valentich (Fig. 10) and his plane disappeared, after his Cessna 182L was buzzed by a reported UAP off the southern coast of Australia. This tragic tale is particularly disturbing owing to the failure of Frederick ever to be found. Neither he nor any part of his plane was ever recovered.

Betty Andreasson Luca

Not all abductees were coerced into UAP travel: Betty Luca (Fig. 11) was another abductee who became a willing participant in ET visitations, after



Figure 10: Frederick Valentich, piloting a Cessna, disappeared off Southern Australia while reporting a UFO encounter in October 1978.

an uninvited, initial visit [29]. Betty had a real artistic flare and was able under hypnotic regression to produce a lot of useful pictures for investigators. Her accounts of her experiences are some of the most vivid and detailed in the literature. Many of these are included inn the excellent books about her experiences by Raymond E. Fuller [29].



Figure 11: Betty Andreassan Luca

Evidence of abductions may come in the form of the extraction of alleged alien implants in the bodies of the abductees. Betty Luca is one person from whom an implant was removed from her nose after a 1967 abduction [29]. Dr. Roger K. Leir has removed an number of such implants from patients.

6.5.9 Benevolent interventions

Not all abductions are traumatic. A considerable number of them bring blessings of medical miracles. Compassionate relief was bestowed on a selected

number of individuals. Preston Dennett's research brings to light a facet of the UFO experiences that were not adverse, and some lives ere clearly saved. Preston Dennett has written about more than around 300 abduction cases in which those taken have been selected for the purpose of applying advanced medical treatment to remediate and/or cure of chronic and/or potentially fatal illnesses [23]. From a non-random sample of 290 cases with associated dates, Preston Dennett has compiled information on UFO healings, depicted in the horizontal bar chart shown in Fig. 12. From this sample, we glean evidence of compassionate benevolence and superior medical knowledge on the part of those piloting the UFOs or USOs.

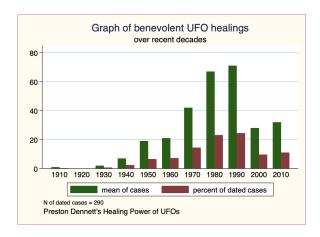


Figure 12: Some UFO healings

6.5.10 Elizondo's Observables

If the UAP phenomena observed exhibited flight characteristics that surpassed any known to be those of the United States or its allies, UAPs and or USOs had the potential of outmaneuvering any of our own, known aircraft. The flight characteristics that concerned members of AATIP (Advanced Aerospace Threat Identification Program) run by Luis Elizondo (Fig. 14) for the Pentagon included the extraordinary criteria listed in Table 1:



Figure 13: Luis Elizondo

Table 1: Elizondo's Observables

- 1) Apparent anti-gravity propulsion with no flight control surfaces
- 2) Instantaneous acceleration
- 3) Hypersonic velocity with sudden right-or acute-angle turns
- 4) Low-observability and/or cloaking
- 5) Transmedium travel

Without air superiority or air space dominance, US air force pilots may experience anticipatory anxiety that there are capabilities that we do not seem to have, and that some others do have them. Yet we do not know who or what those phenomena are.

6.5.11 Rumsfeld's Rubrics of knowns and unknowns

It is and was a legitimate and proper for military decision-makers to apply **Elizondo's observables** as criteria according to which we could assess the capability of the phenomenon. We also have to recognize and admit, no matter how hard it may be, Secretary of Defense Donald Rumsfeld (Fig. ??) modified a Johari window to advance Donald **Rumsfeld's Rubrics of Knowledge**: including the known knowns, known unknowns, unknown knowns, and unknown unknowns (see Table 2 below) [2]. . As one moves upward in Rumsfeld's table one increases awareness and as one moves leftward among these rubrics, one increases accuracy.



Figure 14: Donald Rumsfeld

Table 2: Rumsfeld's Rubrics of Knowns & Unknowns

	Knowns	Unknowns
	1. Known Knowns	2. Known Unknowns
Knowns	Things we are aware of.	Things we are aware of
	& things we understand	but do not understand
	(Facts)	(Questions)
	3. Unknown knowns	4. Unknown Unknowns
Unknowns	Things we understand	Things we are neither aware of
	but are unaware of	nor understand
	(Intuitions)	(The undiscovered frontier)

Possible qualifications of these rubrics pertain to the parameters of knowl-

edge. They must be understood in terms of their scope of knowledge and the extent to which that knowledge is shared by leaders with the public and with the potential adversaries. To many intelligent and well-informed humans, the abilities of the craft to perform one or more of Elizondo's observables is evidence of extraordinary capability that a military would like to have. If some scientists schooled in plasma physics and advanced aeronautics, if they did know how such systems could perform these maneuvers, they would be loathe to leak them to the public at large. They would perhaps prefer to let the public think that these crafts were the scout ships of extra-terrestrials instead. Some officials say that some of these ships have been reverse engineered whereas others maintain that they are the vehicles in which some of the aliens travel. If there is any lesson to be learned, it is that we need a better understanding of the limits to our knowledge to become wiser.

6.5.12 UAP Demonstrations warning of nuclear danger

Many of the E.T.s visits appear to be focused on the nuclear weapons systems. Is it possible that the Aliens are attempting to warn the military and governmental leaders that their nuclear weapons are fraught with danger? Alien visits often occur near military nuclear installations. In 1964 US AF First Lt. Robert Jacobs filmed a flying saucer shooting down a missile during a test flight in California [11]. There was a visit to Ukraine in the early 1980s where the military lost control of their nuclear missiles.

On March 24, 1967 an Orange saucer disabled the missiles at Malmstrom Air Force Base in Cascade County, Montana, in 1967 where Captain Robert Salas was in charge. He does not know how it was done but it demonstrated that the command and control of the missiles was subject to being rendered inoperable by other forces. There was the Rendlesham Forest visit. Then there was the Captain in charge of the nuclear missiles where the nuclear missiles were rendered inoperable by the flying saucer.

On October 5, 1982, UFO's activated nuclear missiles in Ukraine, according to Col Solokov said: "On October 4 and 5, 1982, I was ordered to go immediately to the Ukraine. The reason for the urgency was a report from the base commander to the chief of the general staff. 'The previous day, the base observed a UFO for four hours. At the same time on the control panel, they received an order to prepare the launch of the missiles. "The lights lit up and the appearance of the launch codes meant the missiles were 'enabled'. Dozens of officers witnessed this." The incident helped push the Soviet au-

thorities into a 10-year investigation of UFOs and aliens [12]. The visits became prominent after the use and development of the nuclear weapons.

6.5.13 Increased UAP Sightings over time captures public attention

During the time span of Project Bluebook, from 1947 till 1969, there were plenty of reported sightings of UAPs, as depicted in Fig. 15. During this period, people had access to pocket cameras. But the first smartphone did not become publicly available till 1993. However, it was not until 2002 that the smartphones included cameras. It was not until 2007 that Apple launched its first *iPhone*. After that time, the spread of the technology made it so easy to capture UAP sightings on a camera that it began to be very difficult to deny the reported and recorded sightings. During this time period there were 12, 618 total sightings and 701 reports that remained unidentified, according to Project Bluebook.

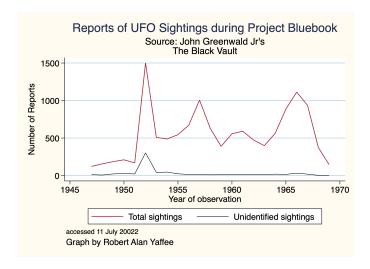


Figure 15: UAP sighting reports from 1947 through June 1969

Over recent decades in the United States, there has been an increasing number of reports of UAPs since the 1930s (Fig. 16). Ever since pocket cameras and cell phones began including cameras, it became very easy for people to photograph and record their sightings. With this kind of hard evidence to support their sightings, people began to distribute and post on

the internet this evidence. Denial or explaining away the claims of sightings became much more difficult, if the photographs were good enough.

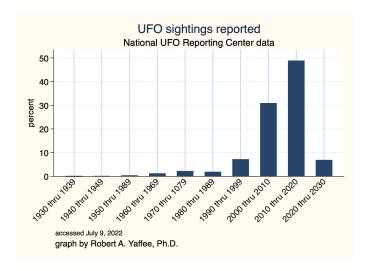


Figure 16: US Decadal UAP sighting reports

The data shows that these craft are becoming more prevalent in the skies. To the extent that they pose a safety hazard, it is clear that attention to the problem is becoming more warranted. Also, this problem is not restricted to the United States. It is prevalent elsewhere as well. Also, it turned out that the predominant shapes of crafts reported were lights, circles, or triangles, as displayed in the horizontal bar graph of US National UFO Reporting Center data below (Fig. 17).

7 Intelligence and Threat Reduction

7.1 Spatial, International, and National reconnaissance

National and international reconnaissance is necessary to monitor the development of threats: More specifically, they are necessary to monitor the development of weapons of mass destruction or mass disruption on the part of adversaries. Hotlines are useful in warning of tests as well as coordination and deconfliction of potential threats.

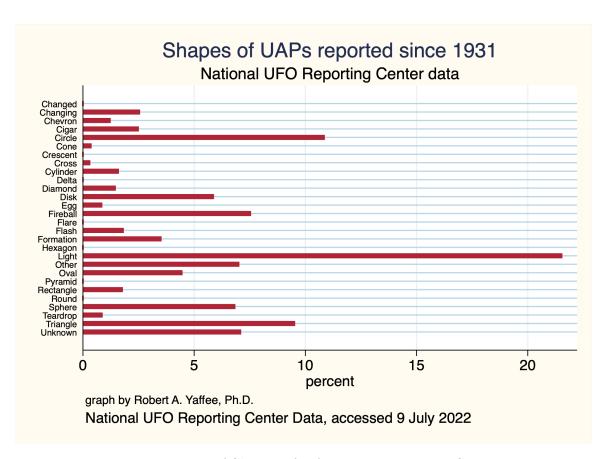


Figure 17: Percent of Shapes of UAPs since 1930 in U.S.

7.2 Competing threats require deconfliction and resolution

There are times when different kinds of threat conflict with one another. If a threats to national security conflicts with a threat to public safety, deconfliction committees may have to examine escape routes from crises. Ideally, there will be sufficient advance notice to optimally avoid damaging conflict. There will be a duty to warn. Hotlines established to provide for warnings, particularly of tests or exercises not to be confused with hostile actions.

Alliances should have emergency consulting committees to work out avoidance of vicious cycles where diplomacy devolves into coercive, preemptive seizures of independent territories, replete with coveted energy or mineral resources.

Crisis areas of the world should appoint diplomatic groups to negotiate pacific settlements of arms control agreements include ranges and speeds of delivery systems. They should include prohibitions of the high enrichment of fissionable basics to nuclear bomb construction. Ideally, possible warning periods should be imposed to allow consultation for methods of deconfliction. times necessary to seek avenues of communication to workaround uncontrolled escalation of the problems.

7.2.1 Public safety and the perils of proximity or contact

There have been several threatening and/or dangerous incidents related to UFO/UAP phenomena that public awareness might have prevented. Several of these entailed exposure to dangerous radiation, with potentially lethal consequences. In the early Nazi research on anti-gravity processes, it was reported that persons working at Wenceslas, Poland, on the Bell, exhibited symptoms of acute radiation sicknesses [18].

The Rendlesham Forest Incident: Dec. 26-28, 1980 In the U.K. and U.S, a 1980 event occurred where people were exposed to UFO radiation, which later led to health problems. One of these incidents occurred between United States Woodbridge and Bentwaters Air Force Bases, is Rendlesham Forest, in Suffolk, England. On Dec. 26, 1980, USAF security personnel, John Burroughs (Fig. 19) and Jim Penniston (Fig. 20)approached a landed triangular craft shortly after midnight. The air was filled with static electricity as Burroughs was bathed in light from the craft. Penniston, observing hieroglyphic-like symbols on the side of the craft, ran his fingers over them,

and began taking photos and making sketches in his police notebook. When Penniston returned to the scene the next day to take measurements and castes of the indentations made by the craft in the ground. The craft returned that night. When Lt. Col. Charles Halt (Fig. 18) visited the area of incident with a Geiger counter, he obtained readings significantly above background levels in the indentations where the craft had landed. They also noticed the craft directing a laser beam down on an arms storage location where secret atomic weapons hidden [19].



Figure 18: Lt. Col. Charles I. Halt . Deputy Base Commander, (ret.)



Figure 19: Airman First Class John Burroughs, (ret.)



Figure 20: Staff Sgt.Jim Penniston (ret.)

It should be noted that not only were there traces of ionizing radiation

in the indentations left by the craft, both Burroughs and Penniston suffered from their close proximity to and/or contact with the craft. Penniston had touched the surface of the craft. He seemed to undergo a data download of binary code, which he transcribed as fast as he could keep up in his notebook. He latter experienced "vertigo, headaches, memory issues, and unknown infections: all treatable but recurring [19, 247]." Later Penniston experienced chronic fatigue syndrome and was diagnosed with PTSD [19, 247]. Burroughs was diagnosed with a heart murmur, for which he was treated with the U.S. Defense Department support, after an ordeal in declassifying his service record [19, 252].

Social stigma anxiety surfaces at Chicago O'Hare Airport Incident: November 7, 2006

Some threats are due to social stigma anxiety, a pathology in our social dynamics. Not all real threats stem directly from the provocation of adversaries; when fear to honestly report something potentially important to public safety overwhelms the duty to warn, this is an indirect threat to our society. Fear of adverse career effects to airlines employees caused some United Airlines people to treat a UAP sighting at an airport as a "joke." Leslie Kean commented that they were afraid to report it for fear of the "giggle effect" or "nutcase effect" could have on their careers [5]. If they reported such a flying saucer, they feared that people would think of them as "not being wrapped too tightly" or in need of shrinkage. On November 7, 2006, Chicago Tribune Reporter Joe Hilkevtich wrote that a flying saucer was seen hovering over United Airlines Terminal C-17 at Chicago-Hare International Airport around 4:15 p.m.. An F.A.A. audio recording revealed that when queried about what they had seen by a United Airlines controller, the airlines employees said that if they had seen it, they would not admit to it. If word travelled to the managers, the pilots suspected of being unreliable could be in jeopardy of losing their pilots licenses. In this case, the public safety matter was being impaired by the pilot career stigma of reporting something so unusual.

7.2.2 Survey security and rumor control

Often, investigators are inclined to ask their sources not to talk about the subject for fear of contaminating the grapevine channels. These individu-

als have sometimes been referred to as "the men in black." In the military, some of these measures have reportedly been taken to untoward extents, as reported by one or more of those interrogated about the Rendlesham Forest UAP incident on December 26th. 27th and 28th, 1980. One possible interpretation of the event stems from the UAP directing a laser beam onto the secret tactical nuclear weapons storage facility was whether this incident was intended as a message to Col. Charles I. Halt, Deputy Base Commander, to be careful with the nuclear weapons stored at the base or was it trying to focus Halt's attention on the nuclear danger posed by the possible use of such weapons?

When the public is thwarted from accurately describing the nature of problems those problems may become endemic and systemic. There is reason to take measures to change the impediments to proper reportage and communication regarding matters of public safety. The acknowledgement of what is in the air by the military was an important step toward rectifying the social stigma pathology clogging this channel of reportage. Whether these craft obeyed common air travel procedures lent concern that they might pose a safety hazard to routine regulation of the air space. For example, United Airlines employees were recorded exhibiting fear to acknowledge the event for fear of being designated as too unreliable to trust with public safety matters. In an instance of social stigma pathology, the fear of the "giggle" or "nut-case" stigma was running roughshod over a public safety concern. This question raises the issue of public safety or security, which of course is the province of the defense department or allied defense departments of the countries involved. If and when the military becomes involved, the matter of secrecy becomes inherent in the issue. The military has to ascertain whether these systems were ours or someone else's. and if it is real, what are its capabilities, and whether those capabilities pose an actual threat to the activities of those observing the phenomena. Do those capabilities potentially threaten the safety of the air, surface, or submarine travel of the observers? Do they posse a menace to other activities of the observers?

7.2.3 Cattle mutilations

There were also a number of cattle mutilations associated with flying saucer sightings, according to Linda Moulton Howe, (Fig. 21), an investigative journalist of the attacks. In one instance at Skinwalker Ranch southeast of Ballard, Utah, a cow collapsed in the field at the time a UFO was identified

overhead. Ms. Howe interviewed many people about events where cows were nocturnally killed, exsanguinated. and deprived of various organs, probably with a harmonic scalpel to simultaneously cauterize the excision. Many of these events took place near nuclear sites, causing one law-officer to speculate that this was part of a covert governmental project to monitor the radiation from spills from nearby nuclear facilities, with a view toward measuring the effects on the meat, which was deemed a staple of the American diet.



Figure 21: Linda Moulton Howe was an early investigative journalist probing the nocturnal cattle mutilations

7.2.4 Alien pathogens

Following a flying saucer crash in Varginha, Brazil, reports led. to the capture of an alien, who was seized, put in the back of a Brazilian police-car while being taken to the station. Marco Cherese, a 23 year old healthy policeman, who handled the alien, rapidly succumbed to an underdetermined illness from which he died shortly thereafter [30]. A picture of the apprehended alien is shown in Figure 22.

7.3 Counterintelligence and security operations

To protect some sensitive research and development projects, disinformation has been reportedly distributed by counterintelligence agents to confuse potential adversaries, according to former OSI agent, Richard C. Doty, in an interview with Emery Smith on Gaia's Cosmic Disclosure. Doty recalled the time he did his best to convince Scientist Paul Bennewitz, who had stumbled upon some sensitive activities that the phenomena he was witnessing were those of extra-terrestrials at a base near Dulce, N.M.. Consequently, the ET existence, although quite probable in a cosmic perspective, may have been a



Figure 22: Brazilian ET, contact with whom left officer Macro Cherese deceased shortly thereafter

counterintelligence carnival enterprise in some instances. Clearly, these endeavors can be fuddle the conventional controversy as to when came the craft and whether the aliens are already here.



Figure 23: OSI agent (ret.) Richard C. Doty with his alien taxonomy

Counter-intelligence operations, such as the one mentioned by Doty tend to confused the situation. It may become a challenge to distinguish between reality and mirages managed by these individuals.

7.4 Security cooperation entails diplomacy and coordination

We must maintain and develop excellent relations with allies and potential allies, including and especially extra-terrestrials. This is extremely high importance and sensitivity. The best way to do this is to treat others as family and to protect and promote their efforts to live with quality, happiness, and success. The world hot zones are crisis areas where there is a heightened probability that diplomacy may degrade into military conflict. These crises locales are in need of crisis management. Security cooperation on the part of the interested parties should work to defuse the tension and pacifically negotiate an amicable resolution.

7.5 Engineering, research, and development

Maintaining a lead in technological development is one way of assuring national security. The lead must be large enough to provide confidence that the foresight and might is sufficient for military deterrence. This involves a margin of safety in the lead over potential adversaries. David Adair discussed in general terms how the work that he was developing on his own was reviewed at Area 51 many years ago with a view toward space travel [25].

In general, there was a downgrading of classification of knowledge with the passage of time, as measured from the original time of classification. However, this is not an absolute rule. There were some scientific, technical, and sensitive military matters which remained classified until declassification is specifically authorized. There are some subjects, the declassification of which can only be effected by specific Manual Review, or by review of the DNI or DCI only. In general, new weapons that are exempt from automatic imminent declassification. For most other things, the subject matters was downgraded over time from top secret to secret to confidential over a period of twenty-five years. But the technology of this particular subject material could apply to new weapons and therefore is probably not material that would be automatically declassified without specific authorization by the appropriate authority. This is not a matter to be considered in a cavalier manner like that of a simple balloon or blimp.

7.6 Challenges of cooperation, conflict resolution, and coexistence

After we have learned how to get along with other humans, their organizations, and their states, and countries, perhaps we can develop a set of international laws that can be respected and enforced. Humans tend to be tribalistic at one level. They tend to organize into different kinds of governments at another, higher level. Some of these states are authoritarian, totalitarian, whereas others have either Presidential or Parliamentary systems of representative government on the other hand. These political systems may conflict over spheres of influence. There may be conflicts over religion, ethnic interests, lands, minerals or other rare resources. International organizations, regional political and military alliances emerge in order to secure self-defense and international security.

ETs can communicate telepathically. This is more efficient and effective in some cases than verbal or written communication. Humans are not adept at this kind of communication, whereas some ET species have to rely on it because they do not have vocal chords. As for human society, telepathy could be deemed a violation of their right to privacy, which the US Supreme Court has recognized as a Constitutional right. Reconciliation of these matter could be a challenge.

ETs have access to free and infinite energy resources. These could remove scarcity and poverty from much of the earth. Yet the provision of this kind of energy would revolutionize our system of production. Those invested in the fossil fuel industry would be rendered obsolete rapidly. Among many sectors of the socio-economic system, this would be strongly resisted. The clean energy would be a boon to the survival of the habitat for humanity. It would improve the atmospheric health of the planet. But not everyone would be pleased with the changes brought about in consequence.

7.6.1 Diplomatic confidence building

When alliances have requirements of unanimous consent to permit joining of other members, differences may arise. If there are options for arriving at a unanimous consensus, these have to be examined for a possibility of allaying concerns of members.

8 The Extraterrestrial Hypothesis (ETH) and the evidence

8.1 Testimony of Governmental Officials

There are a number of high level Governmental Officials who have attested to the existence of ETs, including Presidents, astronauts, and former military officers.

8.1.1 President Harry S. Truman

In a Press Conference on April 4, 1950, Truman stated "I can assure you that flying saucers, given that they exist, are not from any power on Earth." [38]

8.1.2 Prominent Astronauts

Gordon C. Cooper, Dr. Edgar Mitchell, Buzz Aldrin, among others, assure us that they do exist. Gordon Cooper witnessed a landing at Edwards Air Force Base that was recorded on film and sent up the chain of command afterward. Gordon also testified that he observed UAPs that exhibited flight characteristic s that transcended anything we had in the US Air Force at the time. Buzz Aldrin said that the members of the Apollo 11 had seen a UFO on their way to the moon. [34] Dr. Edgar Mitchell said that "he has no doubt that ETs could have populated or made structures on the far side of the moon." Mitchell told Brent Williams ""My own experience talking to people has made it clear the ETs had been attempting to keep us from going to war and help create peace on Earth," he said. "I have spoken to many Air Force officers who worked at these silos during the Cold War. They told me UFOs were frequently seen overhead and often disabled their missiles. Other officers from bases on the Pacific coast told me their [test] missiles were frequently shot down by alien spacecraft. There was a lot of activity in those days. [35]"

8.1.3 Testimony of former Israeli space security chief says extraterrestrials exist, and Trump knows about it

On December 8, 2020, Adela Suliman and Paul Godman reported that earth-lings have been in contact with extraterrestrials from a "galactic federation."

According to Haim Eshed, former head of Israel's Defense Ministry's space directorate, told *Yediot Aharonot* newspaper, said that "there is an agreement between the U.S. government and the aliens. They signed a contract with us to do experiments here. [36]."

In 2004, Lambros D. Callimahos, of the U.S. National Security Agency., wrote a paper entitled, *Communication with Extraterrestrial Intelligence*, which opened with the statement: "We are not alone in the universe. [45]." He mentioned that "according to Sr Bernard Lovell, one of the world's leading radio astronomers, that in our Galaxy, the Milky Way, there must be about 100 million stars with planets that have the right chemistry, dimensions, and temperatures to support organic evolution" [45].

8.1.4 Former government and military officials claim that extraterrestrial aliens exist and are here

Numerous former military and governmental officials claim that non-human Aliens have been visiting the planet earth for more than 2000 years. Paul Hellyer, former Minister of Canadian Defense, noted that he was made aware of at least four species of extraterrestrials have been visiting our planet for thousands of years..



Former Canada defence minister claims ... dailymail.co.uk

Figure 24: Former Canadian Minister of Defense Paul Hellyer claimed 4 ET species have been visiting Earth for many years



Figure 25: Col. Philip James Corso

Col. Philip J. Corso, in Chapter 1 of the book, The Day After Roswell,

recounted seeing the deceased Eben bodies that were being transferred to Wright-Patterson Air Force Base after a saucer crash near Roswell, N.M. [22, 13-25]. Former OSI agent, Richard C. Doty. claims that aliens do exist and are here. In interviews conducted by Emery Smith on Gaia's Cosmic Disclosure channel, Doty maintains that there are several species that are here. He maintains that the U.S. government has been in contact with Ebens from planet Serpo in the Zeta Reticuli system. Doty reports that the Ebens have been visiting Earth for more than 2000 years, but Doty has been an official disinformation source before so more corroboration is needed.



Figure 26: Cmd. Sgt. Major (ret.) Robert O. Dean



Figure 27: Sgt. (ret.) Charles J. Hall, jr.,

One former high ranking military official, Command Sgt. Major Robert O. Dean (Fig. 26) was given a cosmic security clearance and was posted to Supreme Headquarters Allied Powers Europe. Prior to his demise, he reported that he was aware of an alien presence on Earth. US Air Force. Sgt. (ret) Charles J. Hall, jr. (Fig. 27) wrote about befriending "Tall White (Talosian) ETs while being stationed at Indian Springs and on the Nellis Range in Nevada CJH. Randy Cramer, who claimed to have served in the Secret Space Program special forces, identified some ET species as including Insectoids, Avians, Cephlapods, Arcturians, Draconians, and other Aquatic species as ones he encountered [24]. The late Lt. Col (ret). Wendelle Stevens spoke, in a presentation of the U.F.O. Chronicles, of the visitation of an ET Pleiadean woman, named Semjasse, with Billy Meier in Switzerland as an example for which he could find no evidence to disconfirm the validity of the visits. Also, former Army Sgt. Clifford Stone, who attested to having been

part of a top-secret U.S. Army flying saucer retrieval group at a May 9, 2001 Washington, D.C. national press club conference, reported that there were at least 57 species of Aliens visiting Earth. [8], [9], [10].



Figure 28: US Army Sgt. (ret.) Clifford Stone

Former high level government and military officials have testified in the affirmative, and that they are here now and among us [6], [7], [13], [25], [21], [14], [8], [9], and [10].

Former Astronauts, such as Dr.Edgar Mitchell, have acknowledged the existence of E.T.s and their visitations [40].

Given the flight characteristics of some of these craft, it is reasonable to believe that they have mastered the challenge of inertial dampeners in hypersonic craft or that these are unmanned craft under remote or artificial intelligent control. For much of our interstellar travel, we may have to use AI to land and control the robotic rovers.

We may not know for sure which of the craft are products of the ingenuity of the Skunk, Phantom, or Eagle Works, and which craft are of extraterrestrial origin. But we do know that these subjects are of major technical and military importance and need to be protected against espionage, sabotage, or naive exposure to the public.

8.2 Cultural evidence of ET visitation of the Earth

There is ample evidence of UFO visits to Earth dating back many years. Ancient alien theorists believe that they have been visiting Earth for millennia [15]. Evidence of this kind of visitation can be found in the artwork dating from the Renaissance to contemporary times. For example, in 1486, Carlos Crivelli painted "The Annunciation with St. Emidius" shown in (Fig. 29), which reveals a flying saucer conveying the annunciation of the incarnation to the Virgin Mary.



Figure 29: Carlos Crivelli in 1486 in "The Annunciation with St.Emidius, shows the flying saucer announcing the incarnation to the Virgin Mary reveals knowledge of flying saucers during the Renaissance.

Also in the 15th Century, we find additional evidence in a Domenico Ghirlandaio (1449-1494) painting called "Madonna with Saint Giovannino." In that picture, (Fig. 30). we can see The Madonna with Saint Giovannino" in the lower left and middle section, but behind the Madonna is a man and his

dog transfixed on the flying saucer in the sky above the Madonna's shoulder. Unless these are clever forgeries, the appearance of flying saucers suggests that they were visiting such situations while endowing them with religious significance.



Figure 30: Domenico Ghirlandaio, who died in 1494, painted a flying saucer in the sky above the left shoulder of Madonna.

In 1561, Hans Wolff Glaser created this object of art, (Fig. 31), depicting the Battle in the air space of Nuremberg with air ships firing warheads generally unknown at that time. Flying machines imply a higher level of technology than what available at that period of history.

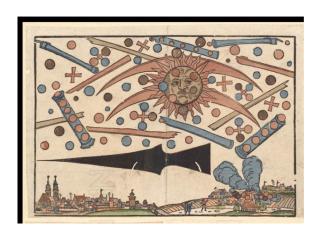


Figure 31: Hans Wolff Glaser created this artistic piece in 1561

Included in this evidence is the petroglyphs of the Native American Indian tribes of the American Southwest. The Mexican government has revealed artifacts recovered from ancient ruins depicting planes or men wearing space suits.

9 The U.S. Military acknowledges the existence of UAPs

Once we learn how to communicate and understand, will we learn how to peacefully coexist with others, even though the others may not look like us? Nature is diverse and we have to recognize that. Can we learn to cooperate with those who do not threaten us? Can we learn how to deter threats to that peaceful co-existence?

The subjects involved in this controversy are important and potentially complicated ones. They involve the question of whether, extraterrestrial species exist, and whether they have been visiting us. In other words, it addresses the question of whether we are alone in the universe. These are questions for which all kids want answers and think about whether they discuss it or not.

1) We first have to learn how to communicate with them as Oppenheimer and Einstein suggested. 2) We should set about constructing "A Law among Planetary Peoples." They have a right to be considered a sovereign and independent people. This law should entail a method of reaching agreements with them as to how we can deal with one another. Only if they rejected pacific settlement of disputes, would we have a right to self-defense, but only insofar as to annul any danger to ourselves. 3) We should come to an agreement about the use of atomic weapons and their delivery systems.

The technological advance of the pocket camera and the camera phone empowered the mass public with capability of technically recording much of what they see. If the event was at all unusual, the pursuit of a project like Blue Book to find alternative plausible explanations to explain away the recorded observations would have been a project akin to tilting windmills. The effect was to show so many UAP events that it was becoming almost impossible to deny the observations.

The U.S. navy did the only intelligent thing that they could do, which was to admit that our skies were replete with UAPs. The recent development

of drone aircraft made these sightings even more likely.

Although there are several schools of thought, in light of what people have been reporting to have seen in our skies, there does not appear to be a manifest threat. Suppose there are ETs, as former government officials admit. If advanced ET species were a threat, we would have been subjugated long ago, without much resistance. However, this is not a simple subject: It is fraught with complications and pitfalls. The related issues require careful deliberation, coordination, cooperation, and timing, lest problems emerge.

The admission by the US military that there are UAPs and that they are real was a wise and intelligent decision. It helps dispel the stigma to reporting having seen anything resembling a UAP or a flying saucer. This frees up discussion so that warnings will be less likely to be suppressed and that we can learn from the new reports. Interstellar trade for rare minerals and resources is a major objective of these explorer species.

It is time to eschew all ethnocentric prejudice and racist nonsense. Nature is by definition biodiverse.

There is much work to be done in order to foster co-operation and coordination of security for all concerned. We must be inclined to be positive about this kind of work if our future is to be hopeful.

9.1 Are UFOs or USOs drones or ET piloted craft?

Part of threat interpretation may depend on the type of craft as well as who is flying it. If the craft is observed exhibiting some of the observables pertaining to sudden turns at hypersonic speeds, the question of who or what is piloting or controlling of the craft may be raised. The "Tic-Tacs" were clocked at traveling at speeds of about 24,000 mph. The G forces experienced by passengers and/or pilots of these craft making sharpe-angled turns at hypersonic speeds would be far in excess of the 9 G limit that a human can ordinarily withstand, without some kind of inertial dampeners unknown to the mass public. The G-forces at which they were operating were approximately 1350G, according to one of the officers interviewed. Hence, these craft might be drones that are remote controlled or under artificially intelligent guidance. The G forces at those under such conditions would crush a human to death. Consequently, there may be a tendency to believe that only ETs could construct and pilot such craft. To protect the technology of such propulsion and maneuvering capabilities, it might be possible to convince the mass public that these craft are of extraterrestrial origin. OSI agent

(ret.) Richard C. Doty was managed a counter-intelligence program when dealing with Paul Bennewitz, according to an admission by the former to Emery Smith in a Cosmic Disclosure interview. Bennewitz had discovered evidence of a top secret program and to protect the program Doty et al. did their best to convince him that he had discovered an E.T. operation in an area neighboring a U.S. military base.

9.2 Governmental cooperation with various ET species

There are a variety of verbal reports that there have been several ET species visiting Earth. Could these reports be related to the official disclosure that the United States Government has been working with Ebens since 1947? Former governmental officials, officers, and agents have maintained that ET species have been visiting Earth for millions of years. Former Canadian Minister of Defense, Paul Hellyer, has publicly admitted that he was aware of four alien ET species that have visited Earth during his time in office. OSI agent Doty has publicly admitted that we have been visited by Two types of Ebens: short and tall Ebens, Archquloids (cloned biological entities), Heplaloids (reptilian lizard-like humanoids), Quadloids, and Trantaloid ET species [21]. Trantaloids were suspected of being capable of shape shifting and appear to be Nordic (blond) humanoids. Other types mentioned have been Pleiadians, insectoid or mantis creatures [21]. Talosian ("Tall Whites") were reported by Charles J. Hall living near the Nellis ranges in Nevada), and/or (including Draco Reptilians). Other types mentioned by Randy Cramer included Avians, Arcturians, Aquatic types, Centipedes, among others. Former U.S. Army Sgt. (ret.) Clifford Stone suggested that there might be at least 47 species of Aliens known to the U.S. Government on May 9, 2001 [10]. There might be areas in the prevention of nuclear proliferation where countries would cooperation to prevent destabilization of the international correlation of forces, with the hyper-escalation of arms races leading to a waste of resources and the likelihood of terrorist acquisition of weapons of mass destruction or disruption. There might also be areas of critical infrastructure that need shielding from external threats to preclude containment of hostilities. But any such areas of cooperation would probably have to be officially approved to be effective at forestalling disaster.

Such systems would have to be tested and shown to be innocuous to be removed as an element of a threat matrix. Clearly, if those flight capabilities are within the range of normal parameters of known contemporary technology, we may infer that those phenomena being observed may be the work of other human or terrestrial mechanics. It is when the flight characteristics transcend those standard that issues of public safety of air transportation may emerge.

10 Some of the reported ET species

The following section of this discussion addresses some of the ET species reported to be visiting or residing among us. The sources of these reports are cited. As to their validity I can make no personal claim. Because they are part of the controversy, I merely refer to them and the sources vouching for them. Where there are skeptical references, I will mention them as well.

10.1 Self-proclaimed Visiting Venusians

From a cursory description and published photos, a partial collection of alien taxonomy is listed below. The first two photographs reveal ET men and women who are apparently indistinguishable from humans. Val Thor (Fig. 32), and Jill, Don, and Val (Fig 33) claim to be from Venus [where, according to Space.com, the Venusian surface temperature is approximates 900 degrees Fahrenheit, rendering Venus one of the hottest planets in our solar system. With an atmosphere is about 96% CO_2 and approximately 3% Nitrogen, plus greenhouse gas effects that transform Venus into a "hellish" habitat] [filing the claim in the "joke" box]. Nevertheless, Val Thor was given VIP status as a Pentagon advisor during his three year visit from 1957-1960 [31].



Figure 32: Val Thor, who reportedly advised the Eisenhower Administration for Three Years [31]



Figure 33: Val's traveling companions: Jill and Don

10.2 Pleiadians

Other individuals who are apparently also indistinguishable from human beings include the Pleiadians. They appear to be of Nordic extraction, often with blond hair. In Fig. 34., Semjase, a Pleiadian E.T., who visited Billy Meier in Switzerland allowed Billy to take photos of her flying saucer and herself. Billy reportedly told "Lt. Col. (ret.) Wendelle C. Stevens, that Semjase, pronounced Sem Ya'see, and Maria Orsic (Fig. 35) were the same individual. For this reason, I have juxtaposed photographs of Semjase and Mario Orsic to one another. Lt. Col. (ret.) Wendelle C. Stevens investigated this case, and in his description of the analysis performed, stated there was no evidence of any kind of fraud found in it [38]. According to Semjase, "We too, are still far removed from perfection, and have to evolve constantly, just like yourselves. We are neither superior, nor super-human, nor are we missionaries. we feel duty bound to the citizens of Earth, because our forefathers were your forefathers." (February 8, 1975) [38].



Figure 34: Semjase, a Pleiadian ET cosmonaut, visiting Billy Meier in Switzerland



Figure 35: Semjase and Maria Orsic, who Billy Meier said were the same, according to Lt Col (ret.) Wendelle Stevens.

10.3 Greys

There are two species of Grey ETs: Small Greys (Fig. 36) and tall Greys (Fig. 37). Col. Philip James Corso, wrote in **The Day After Roswell** that when he peaked into the caskets holding the bodies being sent to Wright-Patterson field after the craft crashed, he witnessed the body of a Type I Grey Eben. The smaller Type I Eben is the species of ET who was said to have been cooperating with the U.S. Government with research at Las Alamos National Labs and at the Area 51 satellite site at Papoose Lake. He reportedly died from respiratory problems in July 1952. The taller Type II Grey is similar to the one called, "Krill", who reportedly met with President Eisenhower at one or more of his reported secret meetings with ETs at Muroc Air Force Base in the 1950s.



Figure 36: Eben 1 small grey



Figure 37: Tall Grey

10.4 Talosians and Heplaloids

In the next two species of ETs, I have juxtaposed photographs of Talosians (Tall Whites) (Fig. 38) reported by Charles J. Hall, jr. and one of a Heplaloid (Fig. 39) reptilian, who called herself, Lacerta, in an interview in Scandanavia. According to Hall, "Tall whites" have a life-span of 700-800 years and they reside on a hidden and protected reservation in the southwestern U.S. [14]. Although Richard C. Doty and Linda Moulton Howe have referred to the Helplaloids as being one of the species that has been identified as being here on Earth, in the documentation relating to Project Serpo (https://www.serpo.org) on the web, one of the contributors to that site, questioned the reality of Lacerta (Release 30d).



Figure 38: Talosian "Tall White"



Figure 39: Heplaloid "Lacerta" a reptilian species

10.5 Trantaloids

In the next two species of ETs, I posted a picture of what Richard Doty referred to as Trantaloid (Insectoid Mantis) (Fig. 40). He noted that these ETs were extremely intelligence and could change their appearance to look like Nordics. In a Presidential briefing, the transcript of which Linda Moulton Howe was permission to read, of President Ronald Reagan, trantaloids were identified as being possibly having been involved in human abductions.



Figure 40: Boy and Mantis insectoid

11 Implications for contemporary perspectives and issues

Implications entail a recapitulation of some of the salient contemporary perspectives and also some of the lessons learned from the experience. Furthermore, they include some plausible solutions to residual problems left to us from the fallout of the phenomena.

11.1 The ET have been genetically influencing life on Earth.

Linda Moulton Howe maintained that she was shown a Presidential Briefing Paper prepared for Ronald Reagan. In that document, the perspective of the Ebens was presented. it was reported that ETs modified DNA to create human beings on Earth. She also stated that the ETs reported that there is a reincarnation of souls. The ETs say that we must live our own lives. ET species are explorers with a variety of agendas. Those agendas include learning about new technologies. The main objectives will be mining for rare elements and mineral resources that are absent or rare on their worlds. Some agendas may be furthered by providing for communities to be established as reservations to be safeguarded, logistically supported with all essentials and goods requested, with the help of the government [21].

11.2 Ancient alien theorists

Another prominent perspective is that the earth has been visited for millennia by ET astronauts who were believed to be Gods by the denizens of Earth. The Earthlings worshiped these visitors and built temples for their religious rituals. Members of this school of thought include Erich von Däniken [15], William Shattner, David Childress, Giorgio A. Tsoukalos, among others. In the ancient Hindu Vedas, there are fantastic stories about how the Gods traversed the heavens, even visiting the moon, in their Vimanas to fight evil forces. They refer to the Vimanas (spaceships) mentioned in the ancient Indian writings of the Mahabharata that refer to these craft. In the Book of Ezekiel, of the Bible, there is mention of a flying system of wheels within counter-moving wheels to travel through the sky, which resembles some flying saucer systems. It is clear that there is evidence in the literature of UAP visits for several thousands of years.

11.3 Celestial idealists

Dr. Steven M. Greer, M.D., (Fig. 41) argues, in his book, "Disclosure", that there are classified systems that provide free zero-point energy that have been either obtained through reversed engineering of alien ET technology or have been developed in black projects hidden from our legislatures. He maintains that the current trajectory of technological advance is leading to degradation of our biospheric habitat. The end result of this continued path of devolution is destruction of our planet. For these reasons, he pleads for disclosure of these technologies in hopes that we can eliminate scarcity, suffering, and poverty while saving our planet [10]. Dr. Steven Greer stated

that former DCI William Colby was about to turn over some of the information about free energy to him, when he was found dead, eight days after having gone missing, on a canoe trip on a river near his Maryland home. According to Greer, the disclosure of the free energy device would upset the established energy establishment which is highly dependent on fossil fuel processing and environmental pollution. The net result is a looming danger of global warming and its destruction of the habitable habitat. This school of thought maintains ETs are real, are here, and that we are working with Ebens in classified projects. Greer seems to downplay security concerns required by the current international conflicts. The unprovoked aggression by Russia against Ukraine reminds us that there are real and pressing security concerns that we cannot overlook or downplay. Declassification needs to be done with. care.



Figure 41: Dr. Steven M. Greer

11.4 UAP accidents

Notwithstanding our current situation, public warnings are in order. There have been some serious accidents that have befallen naive individuals who have come into contact with UAPs or USOs. In May of 1967. Stefan Machalak was in close proximity to exhaust vents of a UAP when it was taking off. Machalak received a grid pattern of burns on his stomach, from his exposure. Some experiencers who have come into close proximity or physical contact with parts of UAPs have also suffered for their proximity or contact. Over 72

hours, from December 26 through December. 28, 1980, Staff Sgt.Jim Penniston and Airman First-class John Borroughs sustained lost–time and injuries from coming into close proximity and/or contact with a landed, glossy triangular UAP in Rendlesham Forest, in Suffolk, U.K. Penniston ran his hand over the part of the craft which had symbols on it. They later observed the craft directing a laser beam at a secret nuclear weapons storage area [21].

Two instances of civilian injuries were a sample of those experienced. In 1981, Betty Cash and Vicky Landrum were civilians who suffered radiation burns from exposure to heat from a malfunctioning craft that descended to a position on a Texas highway in front of the passenger car. U.S. Air-Force helicopters surrounded the site as the craft resumed flight and returned to base. Diagnosis at the hospital was that the symptoms were consistent with acute radiation sickness. Both Cash and Landrum contracted cancer from which they died. It is clear that unprotected contact with UAPs may be dangerous to persons unaware of the plasma sheath around recently landed or in flight UAPs.

The Serpo expedition astronauts were also overexposed to ionizing radiation, according to former OSI agent, Richard Doty. Perhaps those who come into contact with UFOs, like the people in Colares, Brazil, need to be cautious about how they respond to these visitors. It is probably unwise to suppose that they are hostile and to begin shooting at them. The Brazilian policeman, Marco Cherese, died from exposure apparently to alien pathogens shortly after having apprehended an alien being.

Another tragedy occurred on 21 October 1978, when pilot Frederick Valentich was piloting his Cessna 182L aircraft off the coast of Australia. He radioed that he was being approached by a UFO. There was static on the radio and then he disappeared. Neither was he nor wreckage of his plane were ever found.

11.5 Serpo diplomatic exchange program

In 2013, Len Kasten wrote Secret Journey to the Planet Serpo: A True Story of Interplanetary Travel, describing an exchange program that the U.S. had with the Ebens from the Zeta Reticuli star system, approximately 38.48 light years away from Earth [13]. The purpose of the project was to visit and exchange culture, scientific information, and astronomical data during the trip [13, 64]. After we suffered the UFO attacks in the Battle of Antarctica, we could not refuse to an offer that would provide us with the

opportunity to learn about this advanced Eben technology. To arrange for the exchange program we had to build a device that permitted communication with the home planet, Serpo. With the help of Ebe1, this was eventually accomplished.

A language of common communication had to be learned. The Eben language entailed tonal variations, some of which were not replicable by human beings. To make arrangements for this project, the Ebens had to learn the English language so we could come to an agreement about the parameters of the project. The parameters would include coordinates for landing and departure locations. But the Ebens did not fully comprehend our system of coordinates.

President John F. Kennedy authorized the project around September 1962. For the Serpo mission, 12 people were selected. All of the individuals were single. Two of the team were women. One woman was a linguist who learned the Eben language. All were specialists or Doctors. They underwent a rigorous training program. According to Anonymous, on the www.serpo.org website:

"Near the northern part of the Nevada Test Site, the aliens landed and the 12 Americans left. One entity was left on Earth. The original plan was for our 12 people to stay 10 years and then return to Earth.

But something went wrong. The 12 remained until 1978, when they were returned to the same location in Nevada. Seven men and one woman returned. Two died on the alien's home planet. Four others decided to remain, according to the returnees. Of the eight that returned, all have died. The last survivor died in 2002" [43].

According to former OSI agent, Richard C. Doty, most of those on the expedition suffered from the effects of overexposure to ionizing radiation, after they returned [44]. For the details of this project, the reader may consult "https://www.serpo.org" or Len Kasten's 2013 book [13]."

11.6 Exopolitical specialists

In 2016, Scientific American revealed that during the cold war, the U.S. had a secret space program based on a Manned Orbiting Laboratory. Michael E. Salla, Ph.D. in May 2019 wrote a book entitled, "US Air Force Secret Space Program: Shifting Extraterrestrial Alliances and Space Force." In this book he writes about the navy secret space fleets and the other space fleets and programs are covered in depth along with their relationships with the

various off-earth civilizations. According to former OSI agent, Richard C. Doty, not all aliens are friendly. He has maintained that there is at least one species that could be characterized as an hostile alien visitor (HAV). One of the alien species has been involved in coerced abductions of humans. Several individuals have come forward after reporting experiences in a secret space program. Among those are William Tompkins, Randy Cramer, Jason Rice, and Tony Rodrigues. Randy Cramer discussed a variety of types of Nonhuman ETs that he encountered in his Secret Space Force Military Service.

11.7 ET skeptics

These people maintain that we are the only inhabitants of the universe and that ETs so far have not yet arrived here on earth. They suggest that the flying saucers, triangles, and cigar-shaped craft are probably secret military projects developed under high levels of classification for the U.S.. No one has a monopoly of all knowledge and therefore cannot with 100 percent assurance hold that extraterrestrial life does not exist. A careful examination of the Drake Equation undermines the position of these individuals. Even the Catholic Church finally took a position that a belief in God is not undermined by the existence of other species of life in the universe. Another group of alien skeptics are those who fear the consequences of alien technological superiority. Stephen Hawking before his death warned that when two civilizations come into contact, it is not unheard of that one takes unfair advantage of the other. Given the level of our backwardness compared to the level of alien technology, we might wind up on the losing end of the experience.

11.8 Ufologists

This group of investigators is sure that the Government knows much more than it is admitting. Linda Moulton Howe (Fig. 21) is one of these individuals. She got involved in the subject by investigating the mysterious nocturnal cattle mutilations commonplace to the Western U.S. She was allowed to review a Presidential Briefing given to President Ronald Reagan. She reported that U.S.Government advisors reported there was one ET species, the insectoid trantaloids, that were possibly dangerous to humans because they were thought to have abducted humans for biological and/or genetic manipulation. [21] Other reports claimed that Greys were working under the direction of these Mantis like creatures to perform such operations.

11.9 Could anything have been done to prevent the accidents, injuries, or disappearances?

- 1) Radiation danger: Several incidents of burns and deaths might have been prevented if people knew that these craft used forms of propulsion that entailed nuclear reactions. The prominent ones are the Falcon Lake Incident, the Cash-Landrum incident, and the Rendlesham Forest incident. Because the nature of the propulsion system is technologically sensitive, I will restrict my discussion to an innocuous level of generality. However, it is clear that the propulsion systems can generate a lot of heat. Stefan Machalak was burned by venturing to close to the craft without ascertaining that it was planning to lift off. Betty Cash and Vicky Landrum did not back away from the craft as it landed in front of them. Jim Pendleton ran his hand over the surface of the craft to feel the symbols on it. John Burroughs got bathed in the light given off by the triangular craft in Rendlesham Forest, leaving the two of them with residual health problems.
- 2) Alien pathogens: Marco Cherese died after having been exposed to an alien that he apprehended and put in the back of his police car in Brazil.

Lesson Although there is no law prohibiting contact with an Extrater-restrial, the Government may require a period of quarantine and decontamination to prevent inadvertent transmission of pathogens into the human biosphere. For this reason, the Astronauts returning from the Apollo 11 mission were kept in quarantine for 21 days before being released to move among the public.

Warning warranted: Experimental craft including high speed drones, UAPs or USOs should display warnings that proximity to or contact with UAP surfaces or Alien skin, without prior scintillator testing, required shielding, and potentially necessary decontamination, may be hazardous to one's health, longevity, and/or survival.

11.10 Space force responsibilities for safe travel

Established protocol for space junk removal. There is too much junk circumnavigating the earth. According to Union of Concerned Scientists (UCS), which keeps a record of the operational satellites, there are 6,542 satellites, out of which 3,170 satellites are inactive, as recorded by 1st January, 2021. In short, about 37.11 percent of the satellites are junk. These devices are moving at hypersonic speeds, lest they lose altitude.

Lesson Learned: An international spatial garbage scow is needed. The project should be financed by all who avail themselves of its services. As space trash, the dysfunctional orbiting debris presents a clear and present danger to would-be travelers in low earth orbit. There needs to be a cooperation in space garbage scows for garbage collection and elimination near earth trash. There should be a universal protocol for safely removing the space junk without proliferating any more orbiting dangerous debris.

11.11 Hypersonic weapons arms race

The hypersonic arms race threatens the stability of the nuclear deterrence. Hypersonic missiles generally exceed MACH-5 in speed. There are two kinds of hypersonic missiles: the rocket-boosted wave glider and the scramjet cruise missile. If the spread of these weapons persists, they. will reduce the response time in which countries have to respond to a perceived attack. This destabilizes the mutually assured deterrence.

Recent history shows that both Russia and China are at work on these systems. Russia announced that it has developed a hypersonic Zircon missile capable of flying at MACH-9. Russia has already used some of these missiles in its aggression against Ukraine. China has developed a rocket-boosted hypersonic glide vehicle called the Dongfeng-17 and a Xingkong-2 "waverider" hypersonic cruise missile.

Lesson recommendation What is needed are advanced warnings of tests so that such launches will not be confused with attacks. Any country involved in this development should agree to a set of hotlines and protocols for advance warning of tests.

In the interests of international hypersonic travel and air space exploration, there may need to be an agreement as to the altitudes at which such flights are permitted. There may need to be an agreement regarding lights on hypersonic craft and procedures to deconflict in short time horizons. There needs to be an agreed upon international traffic pattern to avoid conflicts and crashes due to conflicts in orbital mechanics of these systems.

11.12 Some thoughts about durable dynamic deterrence

For an arms control agreement to have durability, it will have to keep pace with technological development. The scope of the arms control agreement will have to include all countries with the type of weapon under consideration. It will also have to include limits on the range and velocity of the delivery systems. There may have to be limits on the power of the warhead, the number of warheads on one missile, and the maneuverability of the individual warheads. Furthermore, there will have to be a way of incorporating other countries that develop those technologies. For the arms control agreement to be sustainable, it will have to include adequate, reliable, means of verification of the arsenals and their delivery systems. The delivery systems will have to have limits on their ranges and velocities.

The security of the deterrence will depend on the proportion of countries with that type of weapon that are party to the agreement. There should be an agreement on the sanctions to be levied on countries acquiring those weapons if they do not become parties to the agreement. Moreover, there should be an agreement about the advantages to be accorded countries with those weapons that are parties to the arms control agreement.

12 Acknowledgement

This is a fascinating story of how a desire to contain confusion and prevent public panic led to the military trying to enshroud in secrecy the visit of a cosmic to our humble abode, and how that cosmic cat escaped its secret bag,. This list of reported E.T. species is not complete. Nor is it one that I can personally vouch for to date, because to my knowledge I have not met any of them on a personal basis. It is merely a partial list compiled from the species most commonly referred to in the presentations of OSI agent (ret.) Richard C. Doty, Linda Moulton Howe, US Army Sgt. (ret.) Clifford Stone, Lt. Col. Wendelle C.Stevens, Cmd Sgt. Major Robert O.Dean, as well as from the writings of Dr Frank E. Stranges and the other authors listed in the references. I do notice that only the retired governmental officials (most of them former military) make this claim. The question arises whether this is part of the counter-intelligence disinformation that Richard Doty confided to Paul Bennewitz in hopes that if it leaked it would serve to deflect, divert,

and to confuse the potential spies and adversaries? Perhaps time will tell.

I was almost 13 years old in the Autumn of 1956 in Glens Falls, New York, when I saw up at a reasonably close distance along with a friend, what appeared to be a flying saucer. Both my friend and I confirmed our sighting with one another. It had colored red, green, and, if memory serves me correctly, blue lights and possibly yellow lights. But it did not exhibit any of the Elizondo's observables that would have mandated an urgent report of it. We did not see it traveling at any hypersonic speed. Nor did we observe any high-speed sharpe-angle terms. I was attracted by its silent hovering and then floating upward at about a 10 degree angle as we began to walk away. It was at that time that I turned around and saw through windows what appeared to be two human torsos looking out the windows. I wasn't close enough to distinguish facial features, but the silhouettes sure seemed human to me. I had just watched a movie about how the Men in Black had abused military pilots who had seen a flying saucer into keeping quiet about the event and telling them that if they went public with it that they would suffer severe consequences. We had no way to disconfirm that it was not a cleverly disguised blimp, for which reason I suggested to my friend that it might be better not to try to say anything about the experience. But I secretly resolved to myself to help put the predicament into proper perspective when the opportunity arose, and so you now know what I think.

13 Abbreviations and specialized nomenclature

- Alien (foreign or ET)
- AATIP Advanced Aerospace Threat Identification Program
- Cosmic (Q) codeword clearance reported codeword pertaining to flying saucers and/or ET matters.
- ET extra-terrestrial
- ETH extraterrestrial hypothesis
- Exopolitical: Pertaining to relations with ETs.
- CIA Central Intelligence Agency
- DIA Defense Intelligence Agency
- DCI director of central intelligence
- DNI director of national intelligence

- FAA Federal Aviation Administration
- FBI Federal Bureau of Investigation
- Eben Extra-biological entity
- J-Rod Retriculan Eben working with Americans at Las Alamos National labs and at Area 51
- MJ-12 Majestic 12 Supervisory committee established by Pres. Harry S. Truman for ET and UFO matters
- NRO National Reconnaissance Office
- OSI USAF Office of Special Investigations
- Project Condign UK Governmental Investigation of UFOs or UAPs
- Projects Gleem, Sign, Grudge, Blue Book, AATIP: U.S. Governmental Investigations of UFOs or UAPs
- Project Serpo (Project Crystal Night) the exchange program with the Ebens from Zeta Reticuli (reported by former OSI agent Richard C. Doty)
- SAP Special Access Program Compartmented codeword clearance restricted beyond the Top Secret level
- Semjasse A Pleiadian ET visiting Billy Meier in Switzerland. Meier reportedly told former Lt. Col. Wendelle Stevens (USAF, retired) that Semjasse resembled Maria Orsic (who reportedly assisted the Nazis in their early flying saucer research.
- TS/Codeword Special Access Program classified above Top Secret compartmented and restricted to only those cleared for that project.
- UAP unidentified aerial phenomenon
- UFO unidentified flying object
- USO unidentified submersible object
- Val Thor Venusian V.I.P. at Pentagon during Eisenhower administration
- V.I.P. visiting important person

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Luft and Harry Ingraham, who formulated the bifurcation of awareness and knowledge as shown in Table 3 below [2], [3].

Table 3: The Johari Window

	. Openness to Feedback	Openness to Feedback
Willingness		
to Share	Less	More
Less	Open	Blind
More	Secret	. Unknown

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