United States Department of the Interior
National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in National Register Bulletin, *How to Complete the National Register of Historic Places Registration Form.* If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions.

1. Name of Property

Historic name: Integratron
Other names/site number: College of Universal Wisdom Research Laboratory
Name of related multiple property listing**:**
N/A
(Enter "N/A" if property is not part of a multiple property listing

2. Location

Street & number: 2477 Belfield Boulevard
City or town: Landers State: CA County: San Bernardino
Not For Publication: ☐ Vicinity: ☐

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended,

I hereby certify that this ___ nomination ___ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60.

In my opinion, the property ___ meets ___ does not meet the National Register Criteria. I recommend that this property be considered significant at the following level(s) of significance:

___national ___statewide ___local
Applicable National Register Criteria:

___A ___B ___C ___D

Signature of certifying official/Title: **Date**

State or Federal agency/bureau or Tribal Government

In my opinion, the property ___ meets ___ does not meet the National Register criteria.

Signature of commenting official: **Date**

Title : **State or Federal agency/bureau or Tribal Government**

Integratron | San Bernardino County, CA

Name of Property | County and State

4. National Park Service Certification

I hereby certify that this property is:

___ entered in the National Register

___ determined eligible for the National Register

___ determined not eligible for the National Register

___ removed from the National Register

___ other (explain:) _____

_____

Signature of the Keeper | Date of Action

5. Classification

Ownership of Property

(Check as many boxes as apply.)

Private:	X
Public – Local	
Public – State	
Public – Federal	

Category of Property

(Check only **one** box.)

Building(s)	
District	
Site	
Structure	X
Object	

Integratron | San Bernardino County, CA
Name of Property | County and State

Number of Resources within Property
(Do not include previously listed resources in the count)

Contributing	Noncontributing	
1	0	buildings
0	0	sites
6	8	structures
1	0	objects
8	8	Total

Number of contributing resources previously listed in the National Register 0

6. Function or Use
Historic Functions
(Enter categories from instructions.)
OTHER: life extension machine
WORK IN PROGRESS
EDUCATION: research facility
COMMERCE/TRADE: business
OTHER: control room
OTHER: humidity control room
OTHER: workshop
OTHER: antenna
INDUSTRY/PROCESSING/EXTRACTION: waterworks

Current Functions
(Enter categories from instructions.)
RECREATION AND CULTURE
COMMERCE/TRADE: business
VACANT/NOT IN USE
INDUSTRY/PROCESSING/EXTRACTION: waterworks

7. Description

Architectural Classification
(Enter categories from instructions.)
OTHER: hemispherical dome

Materials: (enter categories from instructions.)
Principal exterior materials of the property:
Foundation: concrete
Walls: Wood
Roof: Wood
Other: Metal

Narrative Description
(Describe the historic and current physical appearance and condition of the property. Describe contributing and noncontributing resources if applicable. Begin with **a summary paragraph** that briefly describes the general characteristics of the property, such as its location, type, style, method of construction, setting, size, and significant features. Indicate whether the property has historic integrity.)

Summary Paragraph

Originally referred to as the "College of Universal Wisdom Research Laboratory," the Integratron is a hemispherical-dome structure constructed by George Van Tassel as an electromagnetic human-cell regenerator, with peripheral capabilities of antigravity and time travel. Van Tassel began construction in 1958 and, though the dome was completed by 1960, Van Tassel added various elements to complete the machine, ultimately unfinished, until his 1978 passing.

The Integratron is located at the northern portion of a flat, ten-acre rectangular parcel. The parcel is located at a sparse and remote desert setting within the unincorporated San Bernardino County town of Landers. Accompanying the Integratron upon the property are secondary buildings, structures, and objects, constructed by Van Tassel to support Integratron operation, and as elements of the "College of Universal Wisdom" campus—the centerpiece of which was to be the Integratron. The secondary resources include: the Observatory; the "Utilities Building" that presently houses an office and restrooms; the subterranean Humidity Control Room; Control Room and Workshop sheds; and an antenna-like object referred to as the "Bi-Polar Magnetic Detector."

Narrative Description

Integratron

The Integratron is a circular plan, two-story, hemispherical umbrella dome structure, 43 feet in diameter and 33 feet tall. The structure is of wood construction, and its exterior is painted. The structure is symmetrical in its design and is divided into 16 equilateral bays. At the ground level, every fourth bay contains a pair of wood frame hopper windows that are presently sealed. Each pairing is slightly recessed within its original molded wood frame and is underscored with a wood sill. The structure's primary elevation faces south, and centered within it is a recently added single-panel wood door, which is an in-kind replacement. Visible in front of and just east of it is a recently added wood panel affixed to the outer edge of an eave, shrouding electrical equipment and meters. Centered at the structure's west elevation is the exitway, which contains original sliding wood doors recently repurposed as a hinged pair. A concrete ADA-compliant wheelchair ramp was recently added in front of the exitway, as was a metal railing affixed to the ramp and the Integratron.

The entire structure is built upon a raised, lip-like concrete slab base, approximately three inches tall and five inches wide, which forms a step at the main entrance, and is met by the recent ADA ramp at the west exitway. The entirety of the structure's base is rimmed with wood quarter molding. Running along the face of the base's southwest portion are multiple small, patinated-bronze plaques listing donor names of those who contributed $100 or more to complete the Integratron as part of a 1973 fundraiser. Beyond the base, except where the ADA ramp is installed, the Integratron is completely encircled by a 40-inch-wide concrete walkway, which is itself raised approximately three inches off the sand-covered desert ground.

At the Integratron's exterior, the upper and lower levels are separated at the dome's springline by a highly distinctive apparatus consisting of a continuous ring of 64 protruding aluminum dirods. Each dirod is affixed to an open-frame, glue-laminated wood ("glulam") exostructure supported by a three-by-two-feet box eave of wood-frame construction. This exostructure, based on a design by the 19th-century English engineer James Wimshurst ("Wimshurst Apparatus"), which was later modified by the electrical engineer Arthur Dearth ("A. D.") Moore, was designed as a spinning apparatus. It was originally intended to generate 50,000 volts of electrostatic energy to support the structure's primary function as a negative ion-producing cell regenerator. According to Van Tassel this apparatus as a whole—which he often referred to as the "spinner"—might also be capable of "caging" an electromagnetic frequency within the Integratron space to facilitate Van Tassel's intended peripheral functions of antigravity and time travel.

The dirods, as they spun, were intended to be static collectors. Each dirod is approximately 36 inches long and is hallowed with a one-inch-thick wood doweling, which is contained within a cylinder of exposed aluminum coping with a red-painted metal cap. Each is affixed to a 3/8-inch plywood disk that is itself affixed to the exostructure, which is a primary part of the apparatus. The exostructure is of wood construction and within it is a continuous metal stripping of a comblike band with a repeating pattern of raised-metal cupping. At its bottom, the spinner's exostructure ring is partially sheathed in plastic. Presently the spinner rests upon 16 periodically spaced jets, each originally intended to shoot 120 pounds of compressed air that would lift the

spinner and possibly initiate its rotation. Periodically placed beneath the spinner are small six-inch red-painted wood doweling rods of an unknown function. Recessed beneath the exostructure and protruding downward from the box eave are small segments of PVC-hose tubing. These segments may have supported the movement of pressurized air or simply served as drainage for the box eave, which contains joist ends from within the structure.

Four boomerang-shaped boxed brackets of wood construction are present at equidistant points along the diameter of the box eave. Two of the brackets—off the southwest and northeast portions of the eave—are above the dirods, and two other brackets—off the northwest and southeast portions of the eave—are directly below the dirods. Each bracket originally incorporated a mirrored-disk inductor, which was attached to a carbonized rubber brush (collector comb), and contained a metallic-coated glass sphere that served as an electron accumulator. Though the disks remain, their mirrored coating is lost along with the brushes and the glass accumulators. Some of the brackets have half-spheres that appear to be later additions.

It is at the structure's upper portion, visible above the dirod apparatus, where the dome form is manifest *in extrados*, as are the 16 equidistant arch members comprising the primary structural support. Centered within each of the 16 bays at the structure's upper level is a single rectangular box-frame window. Each box slightly protrudes from the haunch and each window is of wood frame. The majority of the windows are visually in-kind replacements that are fixed, instead of the hopper windows originally installed. However, original hopper windows are still present at the upper level's cardinal points. Each of the hopper windows pivots on wood dowelings and has custom-made wood pegs to hold them in place when open. All 16 of the vertical support members convene atop the dome in a substantial, one-and-a-half-ton concrete and Micarta oculus, primarily visible from the interior, and slightly protrude from the dome as capping.

Off the dome, a permanently installed service ladder, an original feature installed by George Van Tassel, is of open-truss metal-frame construction and readily visible. The ladder is custom-designed to the dome's curvature and connects at the oculus. The ladder is designed to move as needed, and its two heavy-duty rubber wheels roll along the sheet fiberglass atop the box eave, itself designed to withstand human weight. Just off the dirods at the Integratron's northwest portion is a metal pole ascending a height halfway up the dome level. At its top, facing the structure is a small metal tank with four divots. An identical tank is affixed to the structure, facing the opposite tank with a space of approximately 28 inches between them. This device was intended to be a spark gap. The tank affixed to the dome is affixed to a large metal rod, visible from within the dome, which was to charge an all-over metal foil covering, originally intended for the dome's upper-level interior space.

Aside from the previously mentioned wood panel suspended off the eave near the front entrance to obscure meters, and the addition of an ADA ramp and railing off the west-side exit, the only other exterior alteration is a small, square opening cut into the rear of the structure at the ground level connecting a recently installed swamp cooler and its fans. The opening's cut is sensitive and deferential to the Integratron's historic character. A Gardner-Denver 210 cubic inch air

compressor installed in the early 1960s just outside the Integratron near the spark gap was removed at the time of George Van Tassel's 1978 passing.

Interior

The Integratron interior consists of two open, in-the-round circular levels of exposed wood construction: the ground level and, above it *in intrados*, the dome level. Within these spaces, the Integratron's structural system is manifest. Constructed with no metal whatsoever, the Integratron structure is built entirely of exposed wood—clearly revealed at both levels, which are wholly clad in Douglas fir members and stained 3/8-inch plywood paneling. The 16 vertical members visible at the exterior reveal themselves as arched, glue-laminated, clear Douglas fir meridian ribs—custom-built for the Integratron by Woodlam Inc. of Tacoma, Washington.

At the Integratron's south entrance, the ground level is clad in the aforementioned exposed and stained wood construction. The ground-level floors are polished concrete. Its ceiling is low and is made of exposed Douglas fir joists radiating from the center column in an undulating, single-double pattern, each double unit straddling a glulam at the outer wall. An open, concentric-coil webwork of heavy-gauge metal wire partially encircles the exposed frame ceiling, and its joists still have the original pencil marks from the time of construction. The ceiling, which doubles as the floor for the dome level above, is supported by a hollow and wide single column of clear Douglas fir, located at the center of the ground level. Painted upon the column are two full-height, shard-like rhomboids: one of crème yellow located at the column's northeast face, and the other, red, facing southwest. The outer edges of each painted form are lined with wood doweling pegs originally intended to support metal wire—likely of the kind seen coiling the ground-level ceiling. As originally intended, visitors, wearing all white, were to enter the structure through the south elevation, walk counterclockwise through the area of the room facing the crème-colored shape on the column guided by plastic railing that was never installed, receive the intended ionic charge, and exit from the west elevation. Van Tassel provided no circulation or access to the room's southwest portion facing the red-colored rhomboid; this area was to be avoided.

The upper dome level is accessed through a square, wood-framed stairwell at the structure's northern portion. The well contains an open-frame staircase of wood construction, including a wood landing and simple wood railings with scalloped ends. This stair is a replacement for what was a collapsible ship ladder found in original design blueprints. At the dome level, the stairwell is topped with an open-frame box of wood-frame railing that appears to be of recent construction.

Similar to the ground level, the dome level is entirely clad in stained and exposed wood, including 3/8-inch-plywood panels and Douglas fir members. But unlike the low-ceilinged ground level, the dome room is an open, tall, and soaring space of prominent volume. The 16 glulam ribs seen at the ground level continuously ascend the dome's full height, their lamellas tapering in a stepped manner as they do so. All 16 glulam ribs terminate at a substantial, Micarta-lined, one-and-a-half-ton poured-in-place concrete oculus, which was custom-made for the

structure by the Westinghouse Electric Company. Each rib is connected into the oculus via wood dowelings, the oculus weight compressing downward upon the ribs, effectively holding them in place. The oculus opening is approximately three feet in diameter. The dome level is a whispering gallery, and its acoustics are stereoscopic.

At the dome level, periodically placed and horizontally banded Douglas fir cross-members (parallels) form repeating hoops that rhythmically encircle the room to the dome's full height. Each is slightly recessed behind the glulam ribs and are doweled to them with wood pegs. The 16 box-frame windows visible from the outside are now present at the dome level's lower portion, flooding the room with natural light, in addition to the light provided in the oculus. As originally designed, the Integratron had no electrical wiring and no electricity whatsoever, aside from that to be generated by the apparatus, and therefore had no electrical light sources.

A vertical wood member is centered beneath each window. The dome level has a stained and exposed wood floor of laminated Douglas fir with an inset square pattern radiating from the center. Near the room's curved outer edges, the floor is made up of curved, laminate members. In the center of the dome-level floor is a small, square-shaped removable oak cover. Beneath the cover is the deep, well-like hollow of the ground-level column directly below, which then descends six feet and five inches into the ground beneath the column. Centered at the bottom is a metal fixture of unknown purpose.

Immediate Setting:

The Integratron is surrounded by a wide-open ring of flat, sand-covered ground as it was during the entirety of its existence. This space contains two secondary structures dating from the period of significance that Van Tassel constructed. Approximately 36 feet southwest of the Integratron is a small, rectangular-plan shed of exposed steel construction that was originally intended to be the "control room" for the Integratron. Its cladding is exposed aluminum lap siding, and it has bolted-in-place fixed aluminum frame-window units. Its roof is medium-pitch corrugated metal, and it is open-sided at its north-facing width. The structure rests on a concrete slab.

Immediately adjacent to this shed is a chain-link fence that continues northward and eastward in a semicircular arc around the Integratron- a distance some 50 feet away from it. This fence, installed by Van Tassel, is presently covered by recently planted vines of champagne grapes. The fence originally encircled the Integratron, and its east and southern portions are now removed. Located south-southeast of the Integratron, also within this open space, is a second shed that Van Tassel purchased in the 1970s, which he used as a workshop and a storage place for Integratron components not yet installed. It, too, is rectangular plan and of standing-seam metal construction. Its cinder block base is set on a low concrete slab. The shed's gambrel roof is clad in standing-seam metal. The shed's primary entranceway faces west, consisting of a wood door and exposed wood framing, both of which appear to have been later replacements. Punctures and other surface damage are visible upon this structure.

Just beyond the arc of the semicircular fence, four stainless-steel lightning poles are placed at four corners around the Integratron. Each lightning pole is two inches in diameter at its base, and ascends 45 feet high, tapering in diameter and curving slightly above. The four lighting poles are original to the property and date from the early 1960s. Except to the west, the flat open space surrounding the Integratron extends at a radius of 120 feet from the Integratron itself. Other elements in the open space immediately surrounding the Integratron include three Mexican fan-palm specimens that appear to be later additions, a recently added wooden stage that is smaller-scale and movable, and a rusting tank to the east of the Integratron that does not appear to be original.

75 feet to the west of the Integratron is a recently constructed wood fence, and behind it are four trailers dating from the 1950s through the 1970s. Each is a fairly recent addition to the property. A storage shed, planters, and other landscape elements are also present behind this fence, and they, too, date after the property's period of significance. The fence obscures everything behind it from the property's publicly accessible spaces. South of the trailer complex is the Visitor's Center, comprised of two conjoined smaller-scale circular-plan metal domes constructed of circular, overlapping metal panels bolted in place. The Visitor's Center has two wood-frame doors, each with single-unit glazing. The southerly of the two domes is topped by a wood-frame canopy, and has a pyramidal, corrugated metal roof and a flat-roofed wood overhang in front of the structure. Immediately east of the Visitor's Center is a low, split-rail wood fence of recent construction that runs to Van Tassel's workshop shed and serves as a boundary element dividing ticketed and unticketed site visitors. Just south of it is a wood kiosk called, "The Cantina," which has a curved, exposed wood roof, a baffle-wall partition directly behind it, and a wood bench. Both the Visitor's Center and the Cantina are recent additions. Immediately southeast of the kiosk is a tall arch of wood-post construction with a curved lintel. This recently added element serves as a public entryway. A dense stand of bamboo is placed near the public entry, behind the Cantina.

Property: Middle Portion

The property's middle portion, south of the northern portion that contains the Integratron itself, contains a parking area to the west, support buildings—one of which is original—to the east, and multiple recently added structures and landscape elements. The parking area is accessed through a recently constructed chain-link gate from Belfield Avenue to the west. The parking area is unimproved sand-covered ground of approximately 215 by 100 feet. A recently added wood fence separates the parking area from an enclave of numerous buildings, structures, and landscape elements—the majority of which are smaller-scale new additions—that are east of it. Within this grouping, the one original and therefore contributing structure is a combination office-and-restroom facility originally known as the "Utilities Building." The building is 34 by 16 feet, rectangular-plan and single-story, and made of exposed concrete-block construction. Its low-angled, mono-pitched roof is clad in torch down asphalt. At its north-facing front elevation the roof has extended eaves with plywood fasciae, and has wood strip molding where the underside of the eave meets the wall. The front elevation has three symmetrically placed doors. Doors for men's and women's restroom facilities respectively flank the center door, which leads

into an office space. Each of the doors are painted, made of single-panel wood, and appear to be recent. The office entry has a stained-wood screen door, and each door has wood strip framing. A slightly elevated concrete walkway runs along the front elevation. A set of three-and-three metal-frame casement windows are present just west of the office entry, with similar casement windows present off the building's side elevations. A recent glass display case is affixed to the building's front elevation just east of the office entry. A T1-11-clad laundry room and shower additions are present off either side of the Utilities Building.

In front of the Utilities Building is a recently added patio and seating area, partially covered by a wood-framed canopy. The patio floor is of colored concrete brick set in a pattern, and this area includes a fire pit, multiple hammocks, rock-rimmed planters, and numerous recent tree specimens that include coniferous, eucalyptus, and other shade-tree specimens. A recently added rectangular-plan bathroom structure of T1-11 cladding and flat roofing is present to the east of the Utilities Building. This structure faces west and has three separate pedestrian entrances. Wood corner boards and strip molding are part of its design, and its flat roof has extended eaves capped in wood plank fasciae.

South of the Utilities Building is a fenced auxiliary area not intended for public use. This area includes T1-11-clad storage rooms, an auxiliary office, and sitting areas topped with wood-framed canopies of standing-seam and corrugated metal roofing. All of the structures and other features are recent additions, including a polished, corrugated metal fence that backs the auxiliary area and runs westward to the parking area. Chain-link fencing extends off the corrugated metal fencing and runs to Belfield Avenue, effectively separating the entirety of the property's middle portion from its large, multi-acre southern portion, which is not open to the public.

Off either side of the parking lot entrance just off Belfield Avenue are two character-defining features—neither readily visible nor obvious—that were intended to facilitate Integratron operation: the subterranean Humidity Control Room to the south and, upon a low mound, the Bi-Polar Magnetic Detector to the immediate north.

The Humidity Control Room is adjacent to an original tankhouse of circular plan, which is 11.5 feet in diameter and approximately 10 feet high (not including a metal spire at the apex of its plywood-covered conical roof that is underscored with wood framing). The tankhouse is of concrete construction with a cinder brick base. Immediately south of the tankhouse is a T1-11-clad rectangular-plan pump house with a standing-seam-metal monopitch roof. Just southwest of the tankhouse is a small, recently reconstructed square-plan pumphouse structure with a pitch roof and T1-11 cladding. The well beneath the pump house descends to a depth of 70 feet and originally provided water for the entirety of the immediate community.

Discreetly located immediately behind hurricane fencing, just south of the tank- and pump houses, is a wooden box-framed shaft opening into the ground that is topped with removable wood board in poor condition. A set of untreated wood stairs just beneath it leads to the subterranean Humidity Control Room. This room is circular in plan and is of one subterranean

level. The structure is 34.5 feet in diameter, and its ceiling is eight feet high. The space has concrete flooring and is constructed of concrete block. Its ceiling—highly similar in its patterning to the Integratron's ground floor ceiling—is an exposed framework of 16 four-inch-thick steel beams that emanate from the center. Concentric cross-members of Douglas fir accompany the beam work. Above this framework the ceiling is plywood-clad. Centered within the Humidity Control Room is a square-plan column of exposed concrete block, and small rocks are piled around its base. Directly above the column is a square, steel plate where the 16 beams conjoin. At the outer edges of the room, each of the 16 steel beams is supported by a three-inch-thick, white-painted metal pipe column. Each column consists of two parts connected by a fastener at mid-height. The Humidity Control Room is wholly undecorated and unclad, reading as a strictly utilitarian space.

Near the property's entrance off the other side of the driveway into the parking lot, due north of the well grouping, is a low, flat-topped earthen mound. Upon it is the unfinished "Bi-Polar Magnetic Detector," which Van Tassel also referred to as the "Bi-Polar Magnetic Antenna." Van Tassel intended to use this device to gauge the Earth's magnetic lines relative to its revolutions and orbit—as well as to assist in "caging" the intended electromagnetic frequency within the Integratron. The Bi-Polar Magnetic Detector consists of two identical, open-frame circular parts of iron-rod construction with trussed members. Both frames were intended to be coiled, which never occurred. Both were originally connected to one another like an open clamshell and fastened to the top of the hollow metal column that is still present near them. The metal tube is planted into the mound and has a circular concrete base. Immediately west of the mound is a recent, painted wooden sign, set within a wood frame and supported by metal rods, which reads "Integratron."

Property: Southern Portion

The previously described continuous segment of recently added corrugated metal and chain-link fencing separates the property's middle and southern portions. Just south of this fencing is an earthen berm, and south of the berm is an irregular-shaped wash that remains dry for the majority of the year and bisects the property in a northeast-to-southwest manner. The Integratron property's southern portion is of approximately 4.3 acres of flat, unimproved land having various desert plants that include Mormon Tea, Joshua trees, tobacco, and Russian Thistle, among other specimens. The only construction located in this vast and open area is Van Tassel's Observatory structure, built in the center of the property's southern portion about 560 feet south of the aforementioned fencing. The Observatory is a circular plan, two-story building that is nine feet in diameter and 19 feet tall. The structure is made of white-painted concrete-cinder brickwork. Due to the long-dimensioned rectangular shape of the bricks, put to a structure of fairly small diameter, each alternating course forms a geometric, weave-like pattern; each brick's extended edges catch light and shadow in a distinctive pattern. An original, single-panel steel door is present at the main entrance, which faces east. In front of the entry is a low, aggregate concrete ramp that is presently damaged. The Observatory's upper portion has a wraparound wooden deck supported by 16 hollow metal pipe columns, each topped with a wood member that emanates outward. The deck has a 16-member pipe column balustrade, each member welded to the

perpendicular, emanating pipe column beneath it. A wraparound wood strip is affixed to the railing, and at present it is partially disconnected from it. The Observatory's dome is a grid of hand-formed aluminum sheetwork, and its slat-like opening is covered in a similar material. A single wood-frame rectangular window bay is centered at the upper level of the Observatory's southern elevation. Inside the Observatory, its ground-level flooring is steel-reinforced concrete. An exposed concrete ceiling doubles as the floor for the observatory level. Pipe columns within the ceiling emanate from the center, extending outward to become the floor support of the previously mentioned exterior deck. The Observatory's upper level is an exposed aluminum dome that is supported by 20 metal ribs. A three-part sliding aluminum opening is present within the slat-like notch, from which Van Tassel once viewed the skies with a now-removed ten-inch reflecting telescope. Brickwork at the upper level is painted rather than exposed, as it is at the Observatory's lower level. Presently the Observatory structure is used as a storage facility.

Encircling Elements:

Where the property's southern portion meets Lilac Road and along the vast majority of where the property faces Belfield Avenue, the property is fronted with chain-link fencing. As the chain-link fencing runs north along Belfield Avenue above the parking entrance, then curving eastward to the east property line, a dense row of oleander shrubs accompanies the fencing. Just north of this fencing, upon the property is a second wash, which like the southerly wash runs northeast to southwest. The two washes, northern and southern, effectively frame the property's developed northern and middle portions. Running immediately north of the northern wash is hurricane fencing that appears to date from the property's period of significance. The hurricane fencing runs near but not at the northern property boundary, before it curves inward and south at the property's northwest corner. Near this corner—the intersection of Belfield Avenue and West Linn Road—is an exposed concrete pylon containing a 2005 bronze plaque installed by the Billy Holcomb Chapter of the E. Clampus Vitus Society in cooperation with the Morongo Basin Historical Society, honoring George Van Tassel and the Integratron. The pylon and plaque face west onto Belfield Avenue, from where it is readily visible. Lining the northern property boundary along West Linn Road is a row of boulders and larger-sized rocks, and a low, barbed-wire barrier.

8. Statement of Significance

Applicable National Register Criteria
(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing.)

- [X] A. Property is associated with events that have made a significant contribution to the broad patterns of our history.
- [X] B. Property is associated with the lives of persons significant in our past.
- [X] C. Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- [ ] D. Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations
(Mark "x" in all the boxes that apply.)

- [ ] A. Owned by a religious institution or used for religious purposes
- [ ] B. Removed from its original location
- [ ] C. A birthplace or grave
- [ ] D. A cemetery
- [ ] E. A reconstructed building, object, or structure
- [ ] F. A commemorative property
- [X] G. Less than 50 years old or achieving significance within the past 50 years

Areas of Significance
(Enter categories from instructions.)

Integratron | San Bernardino County, CA
Name of Property | County and State

OTHER/ UFOLOGY
ARCHITECTURE

Period of Significance: 1956–1978

Significant Dates
1960: completion of Integratron structure
1978: Van Tassel continues developing Integratron until his 1978 passing
1958: Integratron construction begins
1956: College of Universal Wisdom's first contributing resources completed
1953: Van Tassel sets aside 10 acres of land for the College of Universal Wisdom campus

Significant Person
(Complete only if Criterion B is marked above.)
Van Tassel, George Wellington

Cultural Affiliation
N/A

Architect/Builder
Van Tassel, George Wellington (Solgonda)
Hess, Howard Peyton

Statement of Significance Summary Paragraph (Provide a summary paragraph that includes level of significance, applicable criteria, justification for the period of significance, and any applicable criteria considerations.)

The Integratron is National Register of Historic Places eligible under Criterion A for its distinct, significant and direct associations to post-World War II ufology in Southern California. The area of significance relative to Criterion A is Ufology ("OTHER/ Ufology"). Relative to Ufology, the Integratron is National Register of Historic Places eligible under Criterion B for its direct associations to George Van Tassel, a highly visible and historically significant figure in the field of post-World War II ufology. Though unfinished as an operating machine, the Integratron is National Register of Historic Places eligible under Criterion C as a significant example of architectural design. The Integratron meets the requirements of National Register of Historic Places Criteria Consideration G for exceptionally important properties less than 50 years old. The Integratron includes exceptionally important character-defining features added within the last 50 years, has been documented as significant in a variety of recent past ufology scholarship, and the structure has maintained an exceptional importance to the ufology community and its history. The Integratron is National Register of Historic Places eligible at the local level of significance. The 10.02 acre property's period of significance is 1956 to 1978. 1956 is the year that the property's first contributing resources: the Utilities Building and Observatory- were completed as part of the College of Universal Wisdom campus of which the Integratron was intended to be a signature feature. 1978 was the year of George Van Tassel's passing, and this concluded construction upon the Integratron, which would ultimately remain unfinished.

Narrative Statement of Significance (Provide at least **one** paragraph for each area of significance.)

CRITERION A: Ufology

The Integratron's primary purpose was to extend human life, and to do so through electromagnetic energy. As intended, the Integratron was to be "a high voltage electrostatic generator to recharge cells and supply a broad range of frequencies."[1] Originally referred to as the "College of Universal Wisdom Research Laboratory," the Integratron received its namesake from the machine's ability to *integrate* electrostatic energy into the cell structure of the human body.[2]

The Integratron became the life's work of George Wellington Van Tassel (1910–1978), an aerospace industry lead man and test flight inspector. According to Van Tassel, he received for the Integratron its impetus, formulas, and some construction details from a space being. Integratron construction began in 1958, and its primary structure was completed by 1960. For the

[1] Billy Holcomb Chapter of the Ancient and Honorable Order of E Clampus Vitus, "The Integratron," program booklet (n.p.: self-published, 2005), https://www.billyholcomb.com/wp-content/uploads/2016/11/6010-S-Clampout-The-Integratron.pdf.
[2] College of Universal Wisdom, *Proceedings* 9, no. 5 (January–March 1971): 9.

rest of his life, Van Tassel raised funds to install the machinery to make the Integratron operable. At the time of Van Tassel's 1978 passing, the Integratron was unfinished and inoperable. It is unknown if the Integratron would have ever worked as Van Tassel intended, and he kept many engineering specifics to himself.

The specific version of post-World War II ufology informing the Integratron was informed by a Californian—if not specifically Southern Californian—mix of regional esoteric teachings, including theosophy, combined with local aerospace and high-tech industries. This mélange occurred in an open, horizontal landscape—both physical and societal—that defines postwar Southern California, and is seemingly exaggerated in the Mojave Desert. Author Erik Davis states, "Californians did not invent the flying saucer. But they did pioneer the occult and mystic interpretations of these furtive craft . . . " Carl Jung referred to California as "the classic Saucer country."[3]

A broad and encompassing term, ufology refers to any manner or aspect of studying unidentified flying objects. More than just belief in extraterrestrial beings or a witnessing of unidentified aerial craft, ufology can involve direct channeling and contact experiences with extraterrestrial entities that give guidance, direction, or warning—often relative to the present state of affairs. Direct channeling and contact of this nature, with presented instructions both specific and abstract, led George Van Tassel to construct the Integratron.

According to the writer Mircea Eliade, in folklore "the magical flight" is an ancient archetype associated with the transcendent, even in cultures where the religious belief is not dominated by sky gods.[4] It is a transcendence that ufology, both in its late 19th-century precedents and mid-twentieth-century flowering, brushes up against in varying manners and degrees.

Ufology: Early Precedents

In the 1870s, the New York dentist John Ballou Newbrough (1828–1891) reported esoteric revelations given to him through automatic writing from celestial angels that he called "Ashars," who travelled the sky in ethereal "ships." The Ashar conveyed to Newbrough a new bible called *OASHPE*, a sizeable, multi-chapter text approximately three-quarters the size of a regular bible that Newbrough channeled over a consecutive 50-week period.[5] Originally published in 1882, *OASHPE* initiated teachings that brought forth a cult-like alternative to Christianity called the "The Brotherhood of Light," or "Faithism."[6] Like many later ufology channelings, including those received by George Van Tassel, Faithism follows Christian principles but not necessarily the Christian doctrine. Possibly informed by Faithism, George Van Tassel's early version of the

[3] Erik Davis, *The Visionary State: A Journey Through California's Spiritual Landscape* (San Francisco: Chronicle Books, 2006), 192; Herbert Read, ed., *C. G. Jung: The Collected Works* (East Sussex, England: Routledge and Kegan Paul, 1991), 4676.
[4] James R. Lewis, ed., *Encyclopedic Sourcebook of UFO Religions* (Amherst, NY: Prometheus Books, 2003), 9.
[5] Linda Blazer, "Shalam County: A Utopian Experiment," Office of the State Historian (New Mexico), http://newmexicohistory.org/places/shalam-colony-a-utopian-experiment-1.
[6] "Starved Into Spiritual Life," *Evening Journal* (Wilmington, DE), October 31, 1906, 4.

College of Universal Wisdom was called "Brotherhood of the Cosmic Christ," and one of the primary space people Van Tassel channels is "Ashtar."

Charles Hoy Fort's 500-page *Book of the Damned* (1919) and Fort's later works covered numerous "sightings" that, to Fort, had been excluded or "damned" by modern science.[7] Fort's book was a compendium of phenomena that science had not explained, and included discussion of "dark shapes between the sun," in addition to cup marks and petroglyphs for the instruction of sky-ship spies.[8] Fort referred to such unexplained phenomena as "intermediatism." Seemingly, with some remove, Fort discusses intermediatism as "all phenomena in our intermediate state or quasi-state, represent this one attempt to organize, stabilize, harmonize, individualize—or to positivize, or to become real . . . whole quasi-existence is an intermediate stage between positiveness and negativeness or realness and unrealness."[9] Of Fort's book, the press, which would over time handle ufology in a uniformly mocking manner, stated, "No imaginative fiction writer could conjure up stranger visions than Mr. Fort creates in his collection of mysterious happenings all over the world calculated to confuse any Horatio and his philosophy."[10]

Extraterrestrial visitors and the gist of their messages—including aspects of Van Tassel's—often appear highly similar to earlier esoteric teachings, to the point where the author Andreas Grünschloss states that such visitations are basically masters of the Great White Brotherhood, or theosophy's Ascended Masters that "reappear in space age outfits."[11] The Theosophical Society was founded in 1875 in New York by Colonel Henry Olcott and the Russian émigré Helena "Madame" Blavatsky, and became a highly publicized and influential metaphysical organization over the course of the late 19th and early 20th centuries. Theosophy had a substantial presence in Southern California—with headquarters in Point Loma, Hollywood (Krotona Society), and Ojai. Theosophy played a significant role in introducing both Buddhism and yoga to the West, while Blavatsky's writings connected universal truths to science, including evolution, as Blavatsky believed that humanity was evolving toward a future "sixth race."[12] Some details specific to theosophy and its body of knowledge make their way into later ufology channelings of the postwar era. "Ashtar," a space being with whom Van Tassel and later a variety of other ufologists would frequently channel, is a name that appears in Blavatsky's "Secret Doctrine" of 1888, where it appears to correlate to "Astra [Vidya]," or "highest magical knowledge," which is referenced by a yogi discussed in Blavatsky's book.[13] Many of ufology's channeling techniques themselves are taken from theosophy and/or other Eastern mediation techniques, as are, according to Grünschloss, "beliefs in reincarnation, ascension of the eternal soul, 'resonating

[7] Andreas Grünschloss, "Ufology and UFO-Related Movements," in *New Religions: A Guide*, ed. Christopher Partridge (New York: Oxford University Press, 2004), 372.
[8] "Are Sky Spies Snooping 'Round this Ol' Earth?" *Wilkes-Barre Times Leader* (Wilkes-Barre, PA), July 2, 1920, 28.
[9] Charles Fort, *Book of the Damned* (New York: Boni and Liverlight, 1919), 14, 17.
[10] "Science Mocked: Mr. Fort's Record of Strange Happenings," *New York Tribune*, January 17, 1920, 10.
[11] Grünschloss, "Ufology," 373.
[12] Davis, *Visionary State*, 77.
[13] H. P. Blavatsky, *The Secret Doctrine* (Point Loma, CA: Aryan Theosophical Press, 1917), 427. The term has also been translated as weaponry and the science of war in Powis Hoult, *A Dictionary of Some Theosophical Terms* (London: Theosophical Publishing Society, 1910), 16.

frequencies,' renunciation of the world and matter and the desire to be transported to higher 'spiritual' spheres.'"[14]

Perhaps serving as a transition between the theosophy that later ufology often referenced in a seemingly unconscious manner, in the 1930s a former mining engineer and ardent theosophist Guy Ballard (1878–1939), aka Godfré Ray King, developed and disseminated a highly popular version of theosophy called "I AM"—a term used frequently in Newbrough's *OASHPE* bible. While hiking Mount Shasta in 1930, Ballard was given a drink by a fellow hiker, "the Ascended Master St. Germain," who then relayed information to Ballard about karma, the inner reality of the divine called the "Mighty I AM presence," occult world history, and the creative power of thought.[15] This encounter and others with the "Ascended Master" over the course of 1930 would be the basis for Ballard's 1934 book *Unveiled Mysteries*. In the book's last chapter, on New Year's Eve of 1930, St. Germain takes Ballard to a cave in the Royal Teton Mountains, where 12 Venusian space aliens appeared in a blaze of light, played harp and violin, and showed images on a great mirror of technical achievements from their home planet.[16] A seemingly inordinate amount of contact during ufology's postwar peak seems to involve Venusian aliens.

The Foo Fighters of World War II

During World War II—particularly in its final two years—in multiple but scattered instances within the European and Asian theatres, Allied servicemen claimed to have seen disks, glowing balls, blobs, or wobbling, highly reflective crafts in a V formation. The mysterious phenomena, which were seen from ships, from the ground, and frequently trailing Allied aircraft, became known as "Foo Fighters." The term originated from a saying by a popular cartoon character of the era, Smokey Stover: "Where there's foo, there's fire!"[17] The phenomena appeared to be immune to gunfire, and aside from claims of electrostatic or electromagnetic interference they appeared to be harmless. The Foo Fighters were capable of withstanding extremely high altitudes, and of disappearing at rapid speeds. Widely believed at the time to have been some version of German or Japanese psychological warfare, the Foo Fighters were sighted with enough frequency to be discussed at a CIA-sponsored Robertson Panel. To this day, the Foo Fighters phenomena remain unexplained. Had there been—as would occur on a wide scale immediately after World War II—an accepted point of reference for "flying saucers" or "UFOs" in the popular sense, the Foo Fighters may well have been duly categorized.[18]

Post-World War II Ufology

[14] Grünschloss, "Ufology," 373.
[15] Lewis, *Encyclopedic Sourcebook*, 10.
[16] Ibid.
[17] Jo Chamberlin, "The Foo Fighter Mystery," *American Legion Magazine* 39 (December 1945): 9, 43-47, as noted in Jerome Clark, *The UFO Encyclopedia: The Phenomenon from the Beginning*, 2nd ed. (Detroit: Omnigraphics, 1998), 1:416.
[18] The preceding paragraph is a consolidated stating of the Foo Fighter phenomena as written in Clark, *UFO Encyclopedia*, 1:416–20.

The post-World War II era would present a substantial surge in documented sightings unidentified flying objects. The earliest documented sighting in the postwar era was by Marjorie Cameron, the girlfriend and future wife of Jet Propulsion Laboratory co-founder John Whiteside (Jack) Parsons. Above their shared Pasadena residence, Cameron witnessed a craft that has alternately been described as a downturned triangle shape within a circle, or a silver cigar-shaped object.[19] Her sighting was not published, but was instead described in a March, 1946 letter to a friend. [20]

On October 9, 1946, highly visible across the western United States was the first major meteor shower since the atomic bombings of Hiroshima and Nagasaki some 14 months earlier. Originating from the comet Giacobini-Zinner, this draconid meteor shower yielded up to 63 visible meteors per minute by 7:50 p.m. (PST). At 7:38 p.m. a large blue-white ball with a tail of white light left a yellow train that lasted for 3 minutes before spreading out and drifting into the shape of a horseshoe.[21] Two early figures in postwar ufology who did not know of each other, the medium Mark Probert of San Diego and George Adamski of San Jose, would have their first UFO sighting and channeled contact with extraterrestrial beings the night of this meteor shower. As Probert watched the meteor from his San Diego apartment, he phoned Meade Layne, another occultist and the founder of the Borderland Sciences Research Associates, who urged him to attempt telepathic association with what Probert described as a cigar-shaped ship. Probert, who is considered ufology's first flying-saucer contactee, claims to have been told by the extraterrestrials that they were "pilot beings," not from outer space but an inter-dimensional space called "etheria"—which is in and around all visible objects, and is also of which all visible objects is made, while simultaneously serving as the "home and motherland" of [their] plane."[22] According to the channeling, the ether ships seen by Probert are called "Kareeta."[23] Probert's channeling would form the core of Layne's publication titled *The Ether Ship Mystery and Its Solution*, published by Layne and his organization, Borderland Sciences Research Associates, in 1950. In this work Layne dually refers to the Kareeta as "flying disks."[24]

That same evening, Polish immigrant George Adamski, observing the same meteor shower, was working at a four-stool café at the base of Palomar observatory, claimed to have seen his first flying saucer. Into the 1950s, Adamski, like George Van Tassel, would become one of ufology's best-known figures, particularly as a contactee who claimed to have had multiple alien visitations. The first of Adamski's books—two of which were bestsellers—was the 1953 work *The Flying Saucers Have Landed*, which also documents his telepathic contact with a human-like

[19] John Carter, *Sex and Rockets: The Occult World of Jack Parsons* (Port Townsend, WA: Feral House, 2004), 135–36.
[20] Ibid. Marjorie Cameron letter to Jane Wolfe, January 22, 1953, as cited in Brian Butler, "Cameron: The Wormwood Star," in *Book of Lies: The Disinformation Guide to Magick and the Occult*, ed. Richard Metzger (San Francisco: Disinformation Books, 2013), Kindle edition.
[21] C. H. Cleminshaw, "The Meteor Shower of 1946," *Publications of the Astronomical Society of the Pacific* 58, no. 345 (December 1946): 362.
[22] Borderland Sciences Research Foundation, "The Ether Ship Mystery and its Solution - I – Etheria," accessed March 25, 2017, https://borderlandsciences.org/project/etheria/mimeo/esm/sect_I.html#where.
[23] Ibid.
[24] Ibid.

Venusian that occurred on November 20, 1952, in Desert Center, California—not far from the future site of the Integratron itself.[25] Unlike Probert, Adamski did not consider himself a medium. Yet, Adamski already held an interest in esoteric teachings, and in 1933 he established "The Royal Order of Tibet" in Laguna Beach, which was a short-lived theosophy-related monastery whose primary purpose may have been to make "sacramental" wine during the prohibition.[26]

The Layne and Probert work was not published until 1950, and Adamski's first book was not published until 1953. Between the time of their first sightings and the publication of their works, the whole country would witness a substantial amount of UFO sightings by people in all walks of life. The first widely documented UFO sighting occurred on June 24, 1947, at approximately the same time that George Van Tassel and his family relocated from Los Angeles to Giant Rock.[27] Kenneth Arnold, a 32-year-old pilot and businessman who sold fire safety equipment in the Pacific Northwest, was assisting in the search for a downed C-46 Marine transport plane. That day, Arnold observed nine disk-shaped object set in a diagonal, step-down chain formation, skipping over Mount Rainer in an erratic formation. Arnold calculated that they stretched out over a five-mile distance and moved at a speed of approximately 1,700 miles per hour. Unlike Probert or Adamski, Arnold had no previous proclivities toward esoteric studies or related interests. Upon interviewing Arnold, intelligence officers based out of Hamilton Field in California stated in their report: "It is the personal opinion of the interviewer that Mr. Arnold actually saw what he stated he saw. It is difficult to believe that a man of [his] character and apparent integrity would state that he saw objects and write up a report to the extent that he did if he did not see them"[28]

Arnold's sighting received abundant national news coverage, and through it the term "flying saucer" became popular and widely used. Arnold's initial sighting was the first of over 850 news reports of over 1,000 documented sightings by people in 32 separate states through the summer of 1947. In some instances, people reported seeing nine objects highly similar to those seen by Arnold—in other instances, a disk emerging from a lone, fleecy cloud, or multiple disks in a V-formation.[29] Many of these people claimed not only to have seen UFOs but also, like Probert, claimed to have received messages from spiritually and technologically advanced "star brothers."[30]

It was at the tail end of a peaking phase of 1947 sightings, around July 7th, that the "Project Mogul" nuclear test-monitoring equipment—which the military, interested in concealing (what they have stated as) its true purpose, identified as a weather balloon—crashed in Roswell, New

[25] Lewis, *Encyclopedic Sourcebook*, 10.
[26] Davis, *Visionary State*, 193; Lynne Picknett, *The Mammoth Book of UFOs* (New York: Carroll and Graf, 2001), 282.
[27] Darlene Wing, telephone interview with Daniel D. Paul, June 3, 2017.
[28] Ted Bloecher, *Report on the UFO Wave of 1947* (1967; n.p.: Jean Waskiewicz, 2005), I-2, accessed April 1, 2017, http://www.noufors.com/Documents/Books,%20Manuals%20and%20Published%20Papers/ReportOnWaveOf1947.pdf.
[29] Bloecher, *Report on the UFO Wave*, viii–ix.
[30] Grünschloss, "Ufology," 372.

Mexico. Newspapers reported the following day of a flying disk being found. Though the story died shortly thereafter, ufologists in the late 1970s and others would resurrect and analyze the Roswell incident as a military cover-up, feeding the mythology and lore of this incident above most others.

Flying saucer sightings continued with some consistency after 1947, with another peak of sightings in 1952. In particular, a two-weekend incident that occurred over Washington, DC, in July of that year prompted a high degree of news coverage across the country. On July 19, 1952, at 11:40 p.m. at Washington's National Airport (today, Ronald Reagan International Airport), air traffic controller Edward Nugent detected seven objects on their radar, 15 miles from the airport, moving at a rate of 100 to 130 miles per hour.[31] The objects were also observed on radar at the nearby Andrews Air Force Base in Maryland, and when two radar-equipped fighter planes scrambled to investigate, the lights disappeared—only to reappear once the jets retuned to base, remaining on radar until dawn. The incident repeated itself in an identical manner the following weekend, except that in the second instance, pilots departing from National Airport also observed unusual lights. The incident prompted interest from President Truman and significant national headlines, leading to, that July, the most heavily attended military press conference since World War II.[32] Military officials blamed the unusual occurrences on a double inversion layer present in the Washington atmosphere over both weekends, and the possible presence of meteors.[33] Van Tassel's own (to be described) space being visitation would occur about a month after the incident in Washington, DC.

Integratron: Purpose and Science

Van Tassel referred to the Integratron as a "regeneration laboratory building" for the advanced research into the science of regeneration of physical beings."[34] To Van Tassel, human cells were akin to batteries, with life—and spirit itself, being energy—and energy is electricity, which the Integratron would generate. Per Van Tassel: "We are electrical creatures using a biochemical body to exist in an electrochemical environment."[35] According to him, cells lose electrical charge as they age, leading to continued aging, if not sickness and ailments, and ultimately death. Van Tassel envisioned the Integratron counteracting this through electrostatic activity, adjusted to a human cell's own electrostatic frequencies.

George Van Tassel was knowledgeable of the sciences, scientists, and physicists exploring the relationships between electricity and the human body. In Van Tassel's words, the intent of the Integratron was to "apply Lakhovsky's multiple wave oscillator to Barnothy's magnetic fields,

[31] David Ritchie, *UFO: The Definitive Guide to Unidentified Flying Objects and Related Phenomena* (New York: Facts on File, 1994, 233.
[32] Curtis Peebles, *Watch the Skies! A Chronicle of the Flying Saucer Myth* (Washington, DC: Smithsonian Institution Scholarly Press, 1994), 80; Clark, *UFO Encyclopedia*, 2:1000.
[33] Clark, *UFO Encyclopedia*, 2:1002.
[34] College of Universal Wisdom, *Proceedings* 6, no. 9 (May–June 1960): 3.
[35] College of Universal Wisdom, *Proceedings* 9, no. 5 (January–March 1971): 8.

saturated with Tesla's ionization to charge Dr. George Crile's cell batteries . . . "[36] The following is a brief synopsis the four electrical pioneers Van Tassel references in the above quote, which he cited repeatedly throughout his life. The understanding of their work may elucidate the Integratron's intended operation. Van Tassel kept the exact formula of its workings to himself, and specifically how—not to mention if—it would have ever worked if it had been completed in Van Tassel's lifetime is still a mystery.

French engineer Georges Lakhovsky (1876–1953) believed that human cells emit radiations at their own electromagnetic frequency, and that cells were also capable of receiving such radiations. To Lakhovsky, each cell has a rate of internal vibration (oscillation), and he believed that disease and illness were caused by the battle of vibrations between the body's cells and bacteria. If pathogens won the vibratory contest, susceptibility to disease increased with the weakening of the cell.[37] To counter this conflict, Lakhovsky proposed the introduction of a broad spectrum of radio frequency harmonic energies, wherein each cell would select the proper frequency needed to reinforce its own internal vibration, becoming more resistant to vibratory attack from pathogens. The Multiple Wave Oscillator (MWO), from which the Integratron borrows, was Lakhovsky's invention for this purpose. A distinctive feature of an MWO is its antenna of concentric metal rings. Each ring radiated at a different frequency dependent on its diameter, setting up interference patterns among themselves, thereby exposing the patient to a multi-wave oscillating field.[38] As originally intended by Lakhovsky, a patient would sit between two such antennas to receive the field. Though based on available information, and it cannot be confirmed with certainty, the heavy-gauge, concentrically coiled metal wire on the Integratron's ground-floor ceiling and across the ground floor's centered column may have intended to serve as some version of an MWO.

Jeno (1904–1996) and Madeleine Barnothy Farro (1904–1995) were husband-and-wife astrophysicists that researched the effects of magnetic fields on biological creatures, and were the founders of the "Biomagnetic Society." Madeleine Barnothy Farro in particular appears to have deeply investigated this science, and authored a two-volume compendium in 1964 called *Biological Effects of Magnetic Fields*. Madeleine Barnothy Farro studied the effects of, and interaction of, static magnetic fields on human living organisms: "chemical properties result from the arrangement and motion of electrons and nuclei in molecules, as determined by the interactions of the magnetic and electric fields of these particles making up the molecules."[39] Both Jeno and Madeleine Barnothy were originally from Hungary, and magnetic-field healing was a focal point of post-World War II scientific research in Eastern Bloc nations looking for less expensive alternatives to Western medicine.[40]

[36] Ibid., 11.
[37] Altered States Ltd., "Lakhovsky's Multi-Wave Oscillator (MWO): Another Perspective," Lakhovsky's Multiple Wave Oscillator, accessed May 17, 2017, www.Lakhovsky.com.
[38] Altered States Ltd., "Lakhovsky's Multi-Wave Oscillator."
[39] Madeleine F. Barnothy, ed., *Biological Effects of Magnetic Fields*, vol. 2 (New York: Plenum Press, 1964), xi.
[40] Roger Coghill, *The Book of Magnet Healing: A Holistic Approach to Pain Relief* (New York: Fireside Books, 2000), 64.

Nikola Tesla (1856–1943) is widely considered a genius for multiple patents and inventions related to electricity. Tesla invented the alternating current (AC) system, advocating it to distribute electricity long distances. Tesla once worked with Thomas Edison, who later became his rival, with Edison being the more connected, powerful, and market-savvy of the two. Tesla's contributions lingered in relative obscurity until a new appreciation for his work began to emerge in the 1990s. Nikola Tesla was among the first—if not the first—to realize that manipulating a radio frequency could cause positive and negative ionization of the atmosphere; furthermore, he was among the first to identify a connection between negative ions and well-being. Van Tassel wrote of the benefits of negative ions, and saw the Integratron as a device to encourage and generate them in the people entering the machine. Though Van Tassel explicitly and repeatedly stated that the Integratron was not a healing machine, he did cite knowledge of negative ions being used to "break" cancer, and thought that negative ions were being depleted in people due to nuclear testing.[41]

As intended by Van Tassel, the Integratron would simultaneously apply all three of the above concepts to electrically charge and thereby regenerate human cells. Van Tassel perceived human cells as being akin to batteries, following the teachings of yet another scientist, Dr. George Crile (1864–1943). Based on experiments he began in 1887, Crile was one of the first to assert a bi-polar (electrical) theory of the living process, and Crile is the first surgeon to have succeeded in a direct blood transfusion. In his 1936 book titled, *The Phenomena of Life: A Radioelectric Interpretation*, Crile asserted that every living cell is a battery, a transducer, and a condenser, stating, "Electricity is the energy that drives the organism."[42]

Use And Operation

Specifically how the above would converge at the Integratron is a mystery. Van Tassel appears to have kept equations to himself, and existing source material is limited. Based on a combination of Van Tassel's own words and a somewhat-detailed diagram created by an assistant after Van Tassel's passing, the Integratron may have operated in the following manner.[43] The upper-level dome, which would have metal foil on its interior walls, was an "electron reflector" to be charged to where the elevated spark-gap device located off the northwest portion of the building's exterior would be activated—or this initial ordering may be reversed, with the spark-gap activated first. At some point during this early step, the dirodded ring at the building's exterior, based on one developed by the physicist A. D. Moore, was intended to rapidly spin, with its 64 aluminum dirods serving as static collectors. An air compressor adjacent to the dome powered compressed-air through 16 small jets to slightly lift the apparatus in advance of its movement, and presumably initiate its spinning. The spinners were to generate 50,000 volts of electricity. Four extended brackets near the spinner had electromagnetic metallic-disk inductors, and on each inductor was a carbonized-rubber brush that served as a collector comb for electrons generated by the spinner. By metal rod, each inductor

[41] College of Universal Wisdom, *Proceedings* 6, no. 9 (May–June 1960): 5.
[42] Joshua Tree Village, "Rejuvenation: The Purpose of the Integratron" (2001), accessed May 17, 2017, http://www.joshuatreevillage.com/324/rejuvena.htm.
[43] Bob Benson, "Integratron: In Memoriam," information sheet, ca. 1991.

was connected to a metallic-covered sphere that served as an electron accumulator. A wire from each rod—if it was ever installed—was presumably connected to the point where the spark-gap rod enters the dome and its foil-covered interior, which activated the ionization process. From the foil-covered upper-level dome room (the foil appears to have never been installed), moving electrons, which may have been negative electrons only, are reflected downward to the building's ground level. Either from the moving electrons or the generated charge, the metal coils on the ceiling and column at the ground floor would be charged. The ground floor becomes a negative electrostatic-ion chamber, flooding human cells with healthy, regenerative negative ions. The regulation of the charge relative to the human cell's electromagnetic energy, or its ability to receive the charge, would be controlled from instrumentation located inside a shed just west of the Integratron. Wearing all white, visitors would enter the south door, walk counterclockwise around the centered ground-level column, and exit through the west door.[44]

Other Uses

Peripheral to its primary purpose of charging human cells, Van Tassel also asserted that the Integratron had the potential to serve as both an antigravity device and time machine. Van Tassel frequently referenced the Biefeld-Brown effect when mentioning the static electricity that the Integratron was to generate. The Biefeld-Brown effect is the application of static electricity on a capacitor of two asymmetrically sized electrodes, wherein a force toward the smaller/sharper electrode, and away from the larger/blunter electrode, is automatically generated. The greater the asymmetry, the stronger the force, so object levitation, as the object moves toward the smaller electrode, is possible without the typical moving or rotating elements, such as propellers, that initiate flight.[45] Exactly how the phenomena works is still a subject of debate, but it appears to work regardless of polarity relative to a given electrode.[46] Van Tassel believed that flying saucers may have used this same effect to levitate and fly, and stated, "Anti-gravity can be produced in any mass of matter by arranging the poles of atomic fields in linear polarity as the molecule are arranged to produce magnetism in a magnet. . . . Anti-gravity is proportionately relative to the charge of the mass of a body, in contrast to the charge of the planet's mass."[47] Based on available information, it is uncertain how Van Tassel planned to execute this specific phenomenon within the Integratron.

The specific engineering that Van Tassel intended for the design of the Integratron as a time machine is also unknown. Based on a 1964 television interview, the machine's ability to serve this function was rooted in his belief that, aside from the perpendicular patterns of electricity and magnetism, there exists a third zone, the "time zone," through which Van Tassel hoped to work

[44] Feather, "Aliens." The specific reason why visitors were to wear all white is not fully articulated. Channeling a being named Desca, Van Tassel did state that white is "the light of the "A" lines of force. Colors were a "projective male gender light," whereas materials or substance were the negative polarity receptors of color. College of Universal Wisdom, *Proceedings* 2, no. 14 (May 1, 1954): 7.
[45] Moshe Einat and Roy Kalderon, "High Efficiency Lifter Based off the Biefeld-Brown Effect," *AIP (American Institute of Physics) Advances* 4, no. 7, accessed May 17, 2017, doi:10.1063/1.4890353.
[46] Thomas B. Bahder and Chris Fazi, "Force on an Asymmetric Capacitor," Army Research Laboratory (Adelphi, MD), September 27, 2002, 2, accessed June 14, 2017, https://arxiv.org/vc/physics/papers/0211/0211001v1.pdf.
[47] George W. Van Tassel, *When the Stars Look Down* (Los Angeles: Kruckeberg Press, 1976), 48.

and reorient magnetic fields. To Van Tassel, this time zone was subject to thought, and to him thought itself was how time records events. It appears Van Tassel believed that the earth's magnetic fields were imprintable and responsive to the energies of past events, including thoughts themselves—like voices recorded onto a tape that were capable of being played back later. Van Tassel referenced the past experiments of a Santa Monica-based individual named "Charlie Arts," who devised a magnetic coupler to the earth's magnetic field that was able to beam television shows of the past onto an antenna-less television.[48] It is notable that the magnetic coupler Van Tassel references was of the same 50,000 volts the Integratron was to generate.

Relative to the aforementioned, it appears that from the external control room, the previously mentioned steel shed west of the Integratron, Van Tassel and his staff would "focus [magnetic] fields that we can orient" through the control of resonance, polarity, and reversible interruption of the electrical charge, creating a zone in the Integratron wherein not only cell rejuvenation but also time travel could be accessed. The open, two-part, circular, metal-frame object on a mound near the property entrance is the structural frame of the "world's first bi-polar magnetic detector," which is also frequently referred to as the "bi-polar antenna." The antenna, which was never completed, was intended to be coiled. According to Van Tassel, the device was "to record the changing directions of the primary lines of force relative to the Earth's daily revolutions and yearly orbit," and was "essential to caging the apparatus in the large research building."[49] Therefore, the antenna may have served to gauge proper positions of the earth's magnetic fields at a given point so that they may be magnetically coupled to, in order to access the time machine function Van Tassel hoped for, or to block out electromagnetic fields that would interrupt the frequencies within the building. "Caging" refers to a "Faraday Cage," an enclosure or shield used to block certain static and non-static electric fields.

Integratron: Religion and Spirituality

Insofar as the Integratron was conceived as a research laboratory for an organization devoted a new convergence of science and religion, Van Tassel envisioned the Integratron possessing a quasi-spiritual purpose. Van Tassel contemplated spirituality often, conveying it in a highly unique framework of Christianity and electricity. To Van Tassel, "We are electrical creatures using a biochemical body to exist in an electrochemical environment," and we are "the manifestations of the physical body, powered by the spirit of God."[50] Yet to Van Tassel, spirit itself was "the electrical nature of life that makes all organic creatures live."[51] Regarding this life and the afterlife, Van Tassel noted:

[48] Webster, "Extraordinary Equation." Per Ancestry.com, the only people named Charlie Arts in the Los Angeles area during the early 20th century were a laborer and a golf caddy. If this person is at all real, Van Tassel may be referring to his friend Howard Hughes.
[49] College of Universal Wisdom, *Proceedings* 6, no. 2 (May–June 1958): 15.
[50] College of Universal Wisdom, *Proceedings* 9, no. 5 (January–March 1971): 8; College of Universal Wisdom, *Proceedings* 7, no. 4 (January–February 1964): 3.
[51] College of Universal Wisdom, *Proceedings* 11, no. 5 (July–September 1977): 3.

> Humans are eternal electrical (spirit) creatures manifesting on an electron of this solar system atom by assimilating elements from this body (mother earth) while they are in this environment. Once the assimilation of matter (condensed energy) reaches balance with the electrical, or spirit body, death results for the material body which was acquired here and must be left here, while the electrical body goes into another environment, or returns here according to the charge (spiritual development) of its mass. It cannot enter or exist in an environment outside its frequency.[52]

Van Tassel viewed the Integratron as an apparatus "to be used to prove the practical application of God's laws of polarity, through magnetic and static electrical effects on all living things."[53] The Integratron's ultimate aim was to prolong life, so that one may live anywhere between 300 and 1500 years.[54] According to 1 Corinthians 15:26, a verse that Van Tassel repeatedly cited, "the last enemy to be destroyed in death." Even if death eventually arrived, through prolonging life this way, humans would have an extended time span to attain the wisdom and knowledge that Solgonda seemingly hoped for them.

Over time, Van Tassel would repeatedly identify the Integratron as the "21st century version of the Tabernacle that Moses constructed."[55] The Tabernacle of Moses is believed to have been a portable tent-like structure where Yahweh chose to meet his people, the Israelites. To Van Tassel, just as Moses received instruction from God for the tabernacle during a time of crisis—the Israelites wandering the desert for what would be 40 years—so, too, was he given instructions on devising the Integratron during a time of crisis: the dangerous atomic era, shortly after bombs decimated Hiroshima and Nagasaki.[56]

According to the Book of Exodus, Yahweh gave very specific instructions on the design of the Tabernacle of Moses, and the Ark of the Covenant to be housed within it—which Van Tassel referred to as an "apparatus."[57] Van Tassel saw the Integratron as being similar in concept and use as the Tabernacle of Moses: to bring people closer to God, or the spirit, which in the case of the Integratron, is equivocated to electricity. In his comparison to this Old Testament structure, Van Tassel simultaneously references the Integratron as having parallel elements of both the Tabernacle and the Ark of the Covenant within it.

That the Tabernacle was to be surrounded with skins and cloth curtains was, to Van Tassel, the same as the entirely non-metallic covering of the Integratron. Both the Tabernacle and the Integratron featured an opening through which the Lord (in Van Tassel's use of the term, this may reference an interplanetary Lord) could enter and leave freely. According to Exodus 40:38,

[52] College of Universal Wisdom, *Proceedings* 6, no. 9 (May–June 1960): 9.
[53] College of Universal Wisdom, *Proceedings* 7, no. 3 (September–October 1963): 9.
[54] Federal Bureau of Investigation, "Telephone calls from Inspector SIZOO November 12 and November 16, 1954; Los Angeles teletype to Bureau November 13, 1954," office memorandum, November 16, 1954, 2 (obtained under the Freedom of Information Act).
[55] College of Universal Wisdom, *Proceedings* 6, no. 4 (October–November 1958): 3.
[56] Webster, "Extraordinary Equation."
[57] Ibid.

which Van Tassel also cited, "For throughout all their journeys, the cloud of the Lord was on the tabernacle by day, and there was fire in it by night, in the sight of the house of Israel." To Van Tassel, this was proof that the original Tabernacle of Moses was an electrostatic generator. Ionization causes a cloud to condense, and the humidity necessary to properly operate the Integratron would have also caused condensation surrounding the structure. The fire at night, to Van Tassel, represented the static electricity that would surround the Integratron at its Wimshurst/Moore apparatus, when generating in evening or night.

The King James Version of Exodus 25:9 states, "According to all that I shew thee, after the pattern of the tabernacle, and the pattern of all the instruments thereof, even so shall ye make it." Though other versions of the Bible use "furnishings" in place of "instruments," Van Tassel interpreted this verse as God instructing Moses on how to make the "instrument" that operates the apparatus that is the Tabernacle. This verse is referencing the Ark of the Covenant within the Tabernacle, and Van Tassel equivocated Moses's Ark to the "arc" of electricity that would be created at the Integratron. Exodus 25:11 (King James Version) states, "And thou shalt overlay it with pure gold, within and without shalt thou overlay it, and shalt make upon it a crown of gold round about." To Van Tassel, there was no doubt that based on this verse the Ark of the Covenant was an early version of a Leyden jar—the precursor to the modern capacitor. First discovered in the 18th century, the Leyden jar is a device able to store an electrical charge, and does so in part by the presence of metal foil on the inner and outer surfaces of the glass jar, and having a charged metal rod penetrating the enclosed lid and touching the inner foil. Van Tassel saw the Integratron, with the upper portion of its dome level intended to be covered in foil, as a modern-day version of both a Leyden jar and the Ark of the Covenant. Van Tassel seems to have been of the belief that after God created the world, any other references in the Bible to Yahweh or God as present from "out of the sky" or "out of heaven" was not actually God, but space people. This includes the instructions given to Moses to build the Tabernacle and the Ark of the Covenant, which to Van Tassel was comparable to the contemporary instructions for building the Integratron imparted to him by Solgonda.[58]

Integratron: Timeline

The Integratron was originally named the "College of Universal Wisdom Research Laboratory," and renderings of it were first shared in the June 1954 issue of *Proceedings,* just two months after the first Interplanetary Spacecraft Convention. As originally conceived, the Research Laboratory was devoted to "the research of cosmic forces and light energy."[59] Early renderings of the structure did not depict the dirodded Wimshurst/Moore apparatus that would later become

[58] Federal Bureau of Investigation, "RE: Unidentified Flying Objects, Investigative Society; George W. Van Tassel," U.S. Department of Justice (Denver, CO), lecture, April 26, 1960, 2 (obtained under the Freedom of Information Act). The belief that ancient deities, including Yahweh or the Christian God were of, or descended directly of extraterrestrial beings, complies to a concept later referred to as Paleo-SETI (Search for Extraterrestrial Intelligence), that is also referred to as the Ancient Aliens/Ancient Astronauts mythology. Swiss author Erich von Däniken, influenced by the previously mentioned Charles Fort, authored a variety of books on this idea beginning in 1969. Van Tassel was aware of Von Däniken and wrote a supportive article about him in the summer 1974 issue of *Proceedings*. College of Universal Wisdom, *Proceedings* 10, no. 5 (July–September 1974): 10.
[59] College of Universal Wisdom, *Proceedings* 2, no. 16 (June 1, 1954): 8.

one of the building's key character-defining features. The September 15, 1954, issue of *Proceedings* included a double-page site plan of the proposed College of Universal Wisdom campus *in toto*, including the Research Laboratory building, which is credited to Los Angeles architect Howard P. Hess. Van Tassel envisioned a ten-acre campus that included apartments, a seminary, a library, the Research Laboratory, classrooms, and a pool, among other proposed resources. The buildings were of variegated plans in a highly symmetrical arrangement, with the circular-plan Integratron building at the image's lower center (the site plan as rendered did not include a north arrow), set within an open circular space of some remove from the other resources—much like it presently exists. Aside from the Research Laboratory, the campus buildings completed include the Utilities Building consisting of an office, restrooms, and a print shop—and a circular plan cylindrical shaped observatory that is not present in the original site plan. Both buildings, which predate the Integratron, were completed in 1956 and presently still exist.

On January 29, 1958, Van Tassel formally incorporated his entity with the State of California as the "Ministry of Universal Wisdom," a non-profit tax-exempt corporation that included a nine-member Board of Directors. Though the articles of incorporation state that the Ministry's primary purpose was "the worship of God and the practical application of his laws," Van Tassel posited to the public that its primary objective was to establish a new science of religion.[60] Although Van Tassel had been referring to his property as the College of Universal Wisdom, it appears that the College was never formally incorporated.

The incorporation of the Ministry of Universal Wisdom as a non-profit organization correlates exactly to the beginning of Integratron construction. The concrete walk and footings for the Research Laboratory (Integratron) were poured by March of 1958, marking the beginning of its construction. The February–March 1958 issue of *Proceedings* shows this preliminary work, with the previously completed Utilities Building and Observatory structure in the background.

Later that year, Van Tassel constructed the two-part open-frame bi-polar antenna near the property's entrance and conducted small-scale tests in the utilities building shop. At that time, the estimated cost of the Research Laboratory was $56,000. Despite overseeing well-attended spacecraft conventions, travelling the national lecture circuit as a UFO expert, and running the airstrip, Van Tassel did not have this money. Though not enough to fully complete the structure, Van Tassel's fortunes improved greatly on May 4, 1959, when a $30,000 donation- $250,000 in 2017 money when adjusted for inflation- was made to the College's building fund, with another $10,000 sent to the Ministry for operating costs. The donation was made "by a man who has closely investigated our operations for nearly five years."[61] The generous donor, who requested anonymity, is widely believed to have been George Van Tassel's friend and former employer, Howard Hughes. It was this money that ultimately allowed the Integratron's dome structure to be completed.

[60] College of Universal Wisdom, *Proceedings* 7, no. 4 (January–February 1964): 14.
[61] College of Universal Wisdom, *Proceedings* 6, no. 7 (June–July 1959): 9.

Later in 1959, the Ministry signed a contract with Pacific Roof Structures of Montebello, California, who served as the building contractor. The 16 custom-made glue-laminated ribs comprising the structure's primary support were completed by Woodlam Inc. of Tacoma, Washington, a subcontractor under Pacific Roof Structures. The arches would be erected over the course of 1959, and the dome was fully enclosed by June of 1960. Upon its completion, Van Tassel no longer refers to the building as the Research Laboratory. Instead, the completed structure is heralded on the cover of two consecutive issues of the *Proceedings*—the first in exposed wood and the second as painted white—as "World's First Integratron."[62] Van Tassel would continue to refer to the "College of Universal Wisdom" on the cover of *Proceedings* publications. However, after the Integratron's 1960 advent and renaming, Van Tassel deemphasizes the College of Universal Wisdom as a total campus, as well as the completion of its other buildings.

By July 1961, the four lighting poles surrounding the Integratron were installed as is a chain-link fence encircling the building and the wheeled, open-frame utility ladder. All three of these elements remain. In 1963 Van Tassel received a donation of a 210-cubic-foot air compressor to operate the external spinner, and by that April the "all steel, shielded control room assembled outside the range of fields" was constructed, and is still present on the property. Over the course of the late 1960s, construction stalled when Van Tassel ran low on funds, though by May 1967 one of the two Wimshurst spinners, which Van Tassel also refers to as "static generators" and "armatures," is completed. Van Tassel sees this design element, which in its rotation would generate electrostatic energy, as "the heart of the Integratron."[63] A woman who some years earlier had attended one of Van Tassel's East Coast lectures donates $5,000 in early 1968, which enabled the electrostatic armature to be installed later that year.

In 1969 Van Tassel began installing the air turbines and jets to drive the armature spinner, and during this period Van Tassel was also conducting smaller-scale tests with an electrostatic field meter. At this time, Van Tassel stated that work is "82% completed," but work slowed.[64] For the first time in 17 years, in 1971 Van Tassel refrained from holding the Interplanetary Spacecraft Convention. By the end of that year, perhaps due to a lack of funds, Van Tassel reengineers the spinner to include 64 protruding dirods, based on a version developed by the engineer A. D. Moore. Moore published a book in 1968 called *Electrostatics*, which referred to his dirodded electromagnetic generator, a modified version of the spinning Wimshurst apparatus that required only one spinner instead of two, which would presumably have been more expensive and time consuming. According to Van Tassel, the dirodded Moore apparatus "reduces electrical losses from the edges of flat segments . . . and would increase capacity by 3x."[65]

The 64 red-tipped aluminum dirods, now a primary character-defining feature of the building, were completed by the summer 1972, though they would not be installed until 1977. In 1973 Van Tassel initiated a fundraiser, wherein any donor contributing $100 or more would have their

[62] College of Universal Wisdom, *Proceedings* 6, no. 9 (May–June 1960): cover.
[63] College of Universal Wisdom, *Proceedings* 8, no. 6 (July–October 1968): 5.
[64] College of Universal Wisdom, *Proceedings* 9, no. 4, (October–December 1970): 9.
[65] College of Universal Wisdom, *Proceedings* 9, no. 6 (April–June 1971): 5.

name engraved on a small brass plaque to be installed at the outer base of the Integratron. Located near the building's front entrance, the plaques are still present. By the spring of 1973, Van Tassel would install a barbed wire-topped chain-link fence at the perimeter of his property, and later that year would purchase an approximately 12-feet-by-18-feet steel shed for storage of uninstalled Integratron parts. The shed, which was finished in 1974, would double as a workshop. Both the shed and the perimeter fence are still on the property.

Over the summer of 1975, Van Tassel was working on an "ion condenser," and later that year, the 36-feet diameter, 8-feet high underground humidity control room was constructed of concrete block with steel support beams. This fully subterranean structure is located near the property's main entrance by the well and pump house. The room was to be connected to the Integratron by a plastic pipe, which may or may not have ever been installed. According to Van Tassel, the air in the Integratron was to be charged with ions from an electrostatic reflector at the dome level, and a constant relative moisture of 2% was necessary, thereby necessitating the Humidity Control Room.[66] By summer of 1975 Van Tassel stated that "roughly 88% of the work is finished" on the Integratron. For years, Van Tassel kept a running tally of this number related to fundraising requests he would publish in *Proceedings*.[67]

In 1976 Van Tassel installed 16 Teflon-bearing blocks, wherein 120 pounds of compressed air would be located at each block in order to elevate and rotate the apparatus. That same year, Van Tassel ceased operations at Giant Rock airport, which he had overseen for 29 years. Also in 1976, Van Tassel's friend Bob R. Simmons of Elmwood, Illinois, passed away and willed to Van Tassel some of the instrumentation required for control panels. Simmons, who appears to have been a scientist, operated a company called "Communications Parts" and appeared to have worked with Van Tassel in the early 1960s conducting preliminary Integratron experimentation.[68]

By March 1977, five years after they are completed, Van Tassel installed the 64 red-tipped aluminum dirod static collectors to the spinner, referring to the device as "world's largest electrostatic armature," and marveling at how futuristic his structure looked.[69] Additionally, at this time periodically placed boomerang-shaped boxed brackets of wood are constructed over and under the armature at equidistant points along the circumference. East and west brackets are below the spinner, north and south brackets are above it. Each bracket originally included a mirrored-disk inductor with a carbonized-rubber brush affixed to it that would contact the rotating dirods. Collected electrons were to be stored in an accumulator—a sphere of an unknown metallic-based material connected by a metal rod to the inductor. Van Tassel mentioned a wire attached to each of the four vertical rods that would carry electrons to the metal ion reflector at the dome level.[70] If this wire was ever installed, it likely extended from each of the four brackets to where the spark gap enters the dome off the building's northwest portion. In

[66] College of Universal Wisdom, *Proceedings* 10, no. 10 (October–December 1975): 6.
[67] College of Universal Wisdom, *Proceedings* 10, no. 9 (July–August 1975): 8.
[68] College of Universal Wisdom, *Proceedings* 11, no. 2 (July–September 1976): 14.
[69] College of Universal Wisdom, *Proceedings* 11, no. 4 (January–March 1977): 4.
[70] Ibid., cover, 3, 7.

late 1977 and early 1978, Van Tassel worked on Integratron control instrument panels willed to him by Mr. Simmons, the "ion chamber" (the dome level), and its "related apparatus," which is presumably the spinner.

Suddenly and unexpectedly, on February 9, 1978, at the age of 67, George Van Tassel suffered a heart attack and died. The life-regenerating machine Van Tassel hoped to make would not be finished in his lifetime.

CRITERION B: George Van Tassel

George Van Tassel is a historically significant person within the context of post-World War II ufology. Aside from constructing the Integratron, Van Tassel is credited as the first person to organize space being channelers in a group setting, and facilitated the larger ufology community through the "Interplanetary Spacecraft Conventions" events that attracted thousands, which Van Tassel hosted and oversaw from 1954 to 1977. George Van Tassel authored four ufology-related books, and through the 1950s and 1960s became a prominent national lecturer and media presence on ufology and specifically the contactee experience, including his own that led to the Integratron's construction.

George Van Tassel: Biography

George Wellington Van Tassel was born on March 12, 1910, in Jefferson, Ashtabula County, Ohio. Siblings described Van Tassel as "very, very smart" and as "the family thinker."[71] From the time he was a young boy he was an inventor, and by the time he was a pre-teen Van Tassel constructed a roller coaster that descended from the top of the family barn.[72] Van Tassel would leave high school in tenth grade, earning a pilot's license by age 17. At that time Van Tassel entered the aviation field, working various jobs at the Cleveland Municipal Airport, including as a flight mechanic. During this period, he received a certificate in aeronautical engineering from an unknown school.

Van Tassel moved to West Los Angeles sometime between 1930 and 1933, living at 2446 Armacost Avenue with his uncle Glenn Payne and working at Payne's auto-repair garage located at 1452 2nd Street in Santa Monica. It was there, during the depths of the Great Depression, that Van Tassel met Frank Critzer, a German prospector and former Merchant Marine who would come to have a strong bearing upon Van Tassel's future. As Critzer was without money but needed a repair on his Essex automobile, Glenn and George agreed to fix his car for free, while putting him up in the garage during the repair. They also sent him back to the desert with money and canned food. Critzer in return promised to include Payne and Van Tassel on any future mining claims, and promised to be in touch once he settled down. Approximately a year later

[71] Carl E. Feather, "Aliens Gave Jefferson Native Instructions for His Integratron," *Star-Beacon* (Ashtabula, OH), October 28, 2012, http://www.starbeacon.com/news/local_news/aliens-gave-jefferson-native-instructions-for-his-integratron/article_69ed80ec-5c09-5eee-9edf-6e3210939cec.html.
[72] Ibid.

Critzer indeed contacted Payne and Van Tassel, sending them a hand-drawn map of where he lived and asking them to visit. Critzer lived in a subterranean space that he himself had hollowed out—three stories deep and of roughly 400 square feet—directly under "Giant Rock." Critzer's naturally insulated earthen cave stayed cool in the summer and warm in the winter. Giant Rock is a substantially sized, seven-story tall freestanding boulder that encompassed approximately 5,800 square feet. It was believed to be one of the world's largest before splitting in the year 2000. Giant Rock is located 18 miles north of Yucca Valley, and approximately three miles north of Landers, in San Bernardino County's upper Mojave Desert. Critzer also cleared away an air landing strip on a nearby dry lakebed, as well as five roads leading to Giant Rock.

By 1934 Van Tassel was ensconced in Southern California's burgeoning aerospace industry. Van Tassel worked as a lead man for Douglas Aircraft from 1934 to 1941, where he served as CIO Local Union's President. In 1941 Van Tassel left Douglas to work directly under Howard Hughes as his personal test flight inspector. Hughes and Van Tassel became friends, and Van Tassel's work under Hughes included an eight-month stint at Harper Dry Lake bed near Barstow testing top-secret aircraft, including the all-wood D-2, which appears to have influenced the Integratron's design. Through the mid-1930s and this period, Van Tassel, his wife Eva, and their three young daughters would frequently visit Critzer on desert vacations.

By 1942, with World War II in full operation, Critzer, likely because of his German name, his relative isolation, and the fact that he had placed a prominent antenna on Giant Rock, was increasingly suspected of being a Nazi sympathizer or a possible spy by locals. A San Bernardino County sheriff's visit to Critzer's underground space, from which Critzer refused to exit, led to the sheriff throwing a teargas canister into Critzer's space. The canister landed in the kitchen where he stored dynamite for his mining activities, and Critzer was instantly killed when the ignited dynamite exploded. By 1945, working as a test flight inspector at Lockheed for the Constellation aircraft project, Van Tassel made an application to the Federal Government (BLM) to lease Critzer's former property, which Critzer had basically claimed through squatter's rights. The application included the proposed lease to Van Tassel of four square miles of space that included Critzer's airstrip, Giant Rock, and the subterranean space beneath it. Van Tassel perceived Critzer as a man of calm demeanor, peace of mind, and physical strength, and in Van Tassel's mind these traits had a connection to Critzer's decision to reside beneath Giant Rock.[73]

In 1947 the government approved Van Tassel's application, and that same year Van Tassel purchased 40 acres of open desert land, ten of which would later include the College of Universal Wisdom/Integratron site. Only 37 years old at the time, Van Tassel "retired" from the aerospace industry, leaving Lockheed and initially moving, with his wife and three daughters, to Critzer's hovel—its walls still stained with Critzer's blood. The Van Tassel family slept outdoors in a tent adjacent to Giant Rock during this time. Adjacent to the boulder, Van Tassel constructed and opened a small café called the Come On Inn. Van Tassel operated the landing strip while Mrs. Van Tassel ran the café. Howard Hughes was known to fly in just to purchase the spiced

[73] George W. Van Tassel, *I Rode a Flying Saucer: The Mystery of the Flying Saucers Revealed through George W. Van Tassel* (Los Angeles: New Age Publishing, 1952), 10.

apple pie made by Mrs. Van Tassel, then fly off again. This appears to have been a fairly peaceful if uneventful period for the Van Tassels. George would operate the landing strip, which became known as Giant Rock Airport, until 1976.

Initial Channelings

Van Tassel appears to have been a practicing Christian, but was also becoming increasingly interested in metaphysical sciences such as thought transfer and extrasensory perception (ESP). Also, while living at Giant Rock during the late 1940s, Van Tassel appears to have become increasingly interested in the Rock's piezoelectric (a non-conducting material's ability to generate an electrical charge) potential to positively affect such metaphysical abilities. What Van Tassel would later name, "The Ministry of Universal Wisdom," began in 1950 as a Christian-based entity called "The Brotherhood of the Cosmic Christ." Meetings took place at Giant Rock Airport, which allowed people in such a remote location to "go to church."[74] The meetings included prayer, the singing of hymns, and silent meditation. However, Van Tassel also incorporated the aforementioned metaphysical telepathies from the start. According to Van Tassel, in January 1952 he and a group of 20 or so "scientifically-minded associates" were conducting demonstrations of psycho-kinesis: moving an ashtray across the room with thought power.[75] It was at this point that the "space people" who were interested in the experiment being conducted first visited Van Tassel, through what he called "telethought." According to Van Tassel, all others in the room experienced the phenomenon, which Van Tassel stated was a Venusian starship ("Ventla") commander showing interest in the group's effort.[76] More Specifically, the first transmission received by Van Tassel was on January 6, 1952, from "Lutbunn"—"Senior Command in First Wave, planet patrol, realms of Schare."[77] From this point forward Van Tassel's channelings and telethoughts, which he also referred to as "omnibeam," would regularly occur. By that July, Van Tassel was contacted by a being who appears to frequent ufology channelers: Ashtar—"Commendant quadra sector, patrol station Schare, all projections, all waves".[78] In all likelihood, Van Tassel was familiar by then with the innumerous articles and other information regarding UFO sightings and contactee experiences that had been in the press with some regularity for four and a half years. Nonetheless, Van Tassel's meetings during this period are the earliest-known coalescences of ufology-inclined channelers in a group setting. By the end of 1952, New Age Publishing Company of Los Angeles would publish *I Rode a Flying Saucer: The Mystery of Flying Saucers Revealed*, the first four ufology-related books authored by George Van Tassel. Not necessarily what the name implies ("*I* don't claim to have been aboard a flying saucer; the intelligences that operate the saucers, *claim I was aboard*."), the book is a collection of Van Tassel's channelings by various beings that occurred over the course of that year.[79]

[74] College of Universal Wisdom, *Proceedings* 5, no. 9 (November–December 1957), 4.
[75] Ed Ritter, "They're Friendly: Scientist Tells of Space Visitors," *Riverside Daily News-Press*, December 3, 1954.
[76] Ibid.
[77] Van Tassel, *I Rode*, 18.
[78] Jerome Clark, *The Emergence of a Phenomenon—UFOs from the Beginning Through 1959* (Detroit: Omnigraphics, 1992), 390.
[79] Van Tassel, *I Rode*, 13.

Solgonda

While sleeping outside on the night of August 24, 1953, Van Tassel had an experience that was the culmination, if not transcendent of, his space-people channelings, telethoughts, and omnibeams of the previous year and a half. At approximately 2:00 a.m., in the light of the full moon, Van Tassel claims to have been visited by a Venusian space being that, according to Van Tassel, arrived in a bell-shaped "scout craft" approximately 35 feet in diameter and 19 feet tall. The alien stated to Van Tassel, in perfect English, "My name is Solgonda, and I would be pleased to show you my craft," and also stated, "You can consider this visitation a sort of reward."[80] Solgonda was approximately five feet six, and appeared to be a tanned and handsome 28-year-old man, who stated that he was 300 years old. Solgonda wore a one-piece, seamless gray outfit akin to a sweat suit without buttons or pockets. The spacecraft hovered ten feet above the ground and Van Tassel was transported onto the craft by an antigravity beam that lifted him like a slow-moving elevator through an opening in the center of the craft's floor. Upon the craft were three additional mute spacemen similar in appearance to Solgonda, and a dog that to Van Tassel looked more like a rabbit.[81] The space within the craft was approximately 19 feet in diameter, and its controls were vertical fluorescent tubes with hieroglyphic-like writing on them.

At this point, Solgonda imparted some advice onto Van Tassel. According to Van Tassel, "The space people stated that the biggest trouble on this planet is that when you get smart enough to do something with the knowledge you have acquired here, death intervenes. Our life span is too short."[82] Solgonda then imparted to Van Tassel a largely unknown volume of information that Van Tassel would ultimately use to engineer and design the Integratron. It appears that, to his death, Van Tassel kept most of this information to himself; however, he did claim Solgonda relayed to him that humans should not wear metal. [83] Relative to this instruction, the Integratron structure has no metal whatsoever. Solgonda also left Van Tassel with a basic equation from which Van Tassel developed his machine: "F = 1/T," or "frequency equals one over time."[84]

George Van Tassel in the Ufology Community

[80] Ritter, "They're Friendly."
[81] Ibid.
[82] College of Universal Wisdom, *Proceedings* 3, no. 12 (November 1955): 9.
[83] According to Desca, a channeled being who appears in July of 1956 to sternly remind everyone of Solgonda's instructions, which Desca observes are not being followed by anybody including Van Tassel himself: "Metal objects that conduct electricity also serve as conductors for the lines of force. The increased vibratory frequency in this 4th density causes vortices around metallic conductors. This will result in various ailments in your physical bodies and will become increasingly detrimental if you do not discard metal on your person." College of Universal Wisdom, *Proceedings* 1, no. 8 (February 1, 1954): 8.
[84] Jack Webster, "The Extraordinary Equation of George Van Tassel," YouTube video, 25:56, *Webster Reports* (Vancouver, BC), June 18, 1964, posted by KVOS Channel 12 Films, Center for Pacific Northwestern Studies, Western Washington University, June 14, 2014, accessed June 5 2017, https://www.youtube.com/watch?v=Qq_viSR2Yhs.

Shortly after this visitation, Van Tassel appears to have hit the ground running. By that October, Van Tassel had committed ten acres of his larger 40-acre property, which included the primary well for the immediate vicinity, to be the future home of the "College of Universal Wisdom." The College was to serve as "a non-sectarian and non-profit organization for para psycho-physical research."[85] That same month, October of 1953, Van Tassel and his College published the first issue of *Proceedings*. Initially published every two weeks, *Proceedings* became a more-or-less quarterly publication of approximately 15 pages that would continue until early 1981—when his second wife Doris published the last issue, three years after Van Tassel's passing. Not from the Ventla commanders or Ashtar alone, but during his lifetime *Proceedings* shared the various channelings of wisdom and information received by Van Tassel from innumerous master instructors, council lords, and communicators from other worlds, with names such as Desca, Tae, Rondolla, Schuma, Noot, and Morko, among others. Van Tassel was also provided similar transmissions, from no being in particular, while in a meditative state called "The Golden Density," wherein Van Tassel's presence was surrounded by a golden green mist during group meditations.[86] The received teachings appear to fall in line with those received by other channelers of the same era, and often have a theosophist bent, as previously mentioned. The teachings frequently related to authority, infinite light power, concerns about humans using atomic bombs, predictions of World War III, science, science as it relates to spirituality, thought, and evolution of the spirit. Additionally, many of teachings seem to offer more general life advice, and ideas regarding love, light, and compassion present in the Christian doctrine—with which Van Tassel was already familiar.

Many *Proceedings* newsletters also included hand-drawn theoretical diagrams related to the cosmos or to the science of religion that Van Tassel pursued. Issues printed near Christian holidays such as Easter or Christmas often included traditional holiday imagery, frequently accompanied by a channeled holiday message from an otherworldly being. The Bible is often quoted throughout the run of *Proceedings*—as a corollary to Van Tassel's research, or later—in referencing the Integratron. Most issues requested donations in order to print more copies of *Proceedings* and to fund the construction of the College of Universal Wisdom campus and later the Integratron.

In the March 1, 1954 issue of *Proceedings*, Van Tassel announced the "1st Interplanetary Spacecraft Convention," which was to be held at Giant Rock the following April 4th. It was largely through these conventions, held annually at Giant Rock most years until 1977, that Van Tassel, who served as Master of Ceremonies, established himself as a primary figure of postwar ufology. The 1st Interplanetary Spacecraft Convention featured a variety of investigators, writers, contactees, and witnesses, some of whom—including George Adamski, Meade Layne and Orfeo Angelucci—were already noted figures in the postwar ufology movement. Ufologists would share experiences of sightings, contact, and other related phenomena, and spoke from a tall, elevated podium affixed to Giant Rock. The conventions included channeling sessions, and many attendees hoped for a visit. According to Van Tassel, "As all of the known contacts with

[85] College of Universal Wisdom, *Proceedings* 4, no. 1 (January–February 1956): cover.
[86] Hank Kratsman, *George Van Tassel and the Space Aliens* (Encino, CA: Kratsman, 1991), 10.

spacecraft have occurred in isolated places, it is our hope that our space friends will appear at the airport and hover where the attending people can see their ship."[87] According to the Los Angeles Times, 2,500 people attended the first convention.[88] The 1957 convention was featured in Life magazine, and that same year Van Tassel announced he was going to run for President in 1960 at the request of the "Space People."[89] Through the 1950s the annual Spacecraft Conventions became increasingly elaborate affairs, often including novel entertainment.[90] The 1958 Spacecraft Convention featured a ten-year-old boy giving a piano concert, and Hollywood stuntmen, including future *Smokey and the Bandit* director Hal Needham, jumping 35 feet off Giant Rock into a pile of wood pallets. According to local press, the 1959 convention drew 10,000.[91] By the late 1950s every prominent ufologist including—aside from those already mentioned—Daniel Fry, Howard Menger, Mark Probert, George Williamson, Truman Bethrum, and Gabriel Greene, among others, would have spoken at Van Tassel's annual event. In 1958 Menger and his wife Connie "from planet Venus" would oversee the first "East Coast Interplanetary Space Craft Convention," a copycat convention in Lebanon, Pennsylvania, which drew 1,000.[92] The Interplanetary Spacecraft Conventions were held every year until 1976, except in 1971. Funds from *Proceedings*, Van Tassel's book sales, and the annual Spacecraft Conventions went toward completing the College of Universal Wisdom, and what would ultimately become its key building: the Integratron.

During this period, and often yearly, Van Tassel travelled the U.S. and Canada on a lecture circuit, where he would discuss his channelings and theories, sell his books, and talk about the Integratron. A 1954 talk in Miami piqued the interest of the U.S. Federal Bureau of Investigation, which opened a file on Van Tassel that year. Locals were also concerned, with one resident writing a letter to the FBI in 1965 after hearing tapes at a friend's house of a 1956 Van Tassel lecture, stating, "In my opinion, it is quite subversive and in conflict with the interests of the United States the way this gentleman uses the demoralizing of religion and also his accusations against our government."[93] Van Tassel's file even features a letter from J. Edgar Hoover to the Chief of the Secret Service regarding Van Tassel; a box checked that Van Tassel took part in " . . . antipathy toward good order and government."[94] After interviewing Van Tassel's wife and later Van Tassel himself at some length, the FBI concluded that Van Tassel was harmless and closed the file in 1965. Ultimately, Van Tassel was just one of various postwar Southern Californians who not only claimed to have had extraterrestrial experiences, but also—

[87] College of Universal Wisdom, *Proceedings* 1, no. 10 (March 1, 1954): 2.
[88] Ed Ainsworth, "Plans for 'Out of this World' Laboratory Disclosed," *Los Angeles Times*, June 17, 1954, 35.
[89] Inez Robb, "Here's the Real Scoop on Ike's Successor," *Arizona Daily Star*, June 21, 1957, 8A.
[90] "A Saucer Session for Spaceship Sighters," *Life*, August 21, 1957, 117–18.
[91] Dee Heywood, "From Einstein to Angel Wings: Space Conclave Had Everything," *San Bernardino County Sun*, May 26, 1959, 29.
[92] "Believers, Skeptics Attend Space Show," *Courier News* (Bridgewater, NJ), September 17, 1958, 4.
[93] Person of censored identity, letter to Project Blue Book Information Office, Washington, DC, August 17, 1965, *Government Documents File: FBI Files; George Van Tassel: UFO Researcher* (Burbank: W. L. Moore Publications, n.d.).
[94] Letter from J. Edgar Hoover, Director of U.S. Federal Bureau of Investigation to James Joseph Rowley, Chief of U.S. Secret Service, Washington, DC, April 9, 1965, in *Government Documents File: FBI Files; George Van Tassel: UFO Researcher* (Burbank: W. L. Moore Publications, n.d.).

similar to a couple of other regional organizations—attempted to institutionalize his ufology-related beliefs and experiences.

College of Universal Wisdom's Parallels: Unarius and Aetherius

By the end of the 1950s, when George Van Tassel was conducting his annual spacecraft conventions and contemplating the future Integratron, contacteeism, channeling, and ufology itself were well-established cultural phenomena in the U.S. In postwar Southern California there arose two separate UFO-related disciplines—neither of which chooses to be referred to as a religion—that Van Tassel's College of Universal Wisdom closely parallels: the Unarius Academy of Science and the Aetherius Society.

The Unarius ("Universal Articulate Interdimensional Understanding of Science") Academy of Science was established by Ernest "E. L." (1904–1971) and Ruth (1900–1993) Norman in 1954. The Unarius Academy, similar to the College of Universal Wisdom, explicitly intended to combine science and religion, and like George Van Tassel, E. L. Norman was a spiritually inclined channeler who envisioned life on other planets. Some of the beings Norman channeled, like Van Tassel's Solgonda, came from Venus, and like Van Tassel, Norman authored books: 11 in all, beginning with 1954's *The Infinite Concept of Cosmic Creation*. The Normans taught "Fourth- Dimensional Science" lessons and advised students about their past lives.[95] Norman's original teachings, not unlike Van Tassel's, equivocate life to energy itself. To Norman: " . . . it is hoped too, that all of you have established within your minds something of this great Universal God-force which we call energy, in whatever dimension or in whatever form this energy appears, whether it is pure energy which lights and heats our homes or whether it is the energy we see in the (so-called) solid atomic structures, it stems from the one great Infinite Source. We can also say that by now man himself becomes nothing more or less than a conglomerate mass of this energy, whether it is in the physical form of atomic structures or whether it resides in the realm of the psychic self and in the 4th dimension."[96]

After E. L. Norman's passing in 1971, Ruth Norman changed her name to "Ioshanna," and later "Uriel," and moved the Unarius headquarters to El Cajon in 1975. According to Uriel (Ioshanna), emissaries from an intergalactic "interdimensional existence," not unlike the one mentioned by Probert, were looking for a suitable landing site on earth. In 1967, four years before E. L.'s passing, the Unarians had purchased 73 acres of chaparral-covered land southeast of El Cajon in Jamul, where they believed that "Space Brothers" were to land. To assist the quickening of human evolution, the Space Brothers were to arrive in 32 huge flying saucers of crystal and gold from the Interplanetary Confederation, landing on top of one another and forming a permanent "Interplanetary Learning Center" called "Star Center One."[97] Each ship would hail from a separate planet and carry 1,000 intelligent beings, who would work with

[95] Diane G. Tumminia, "The Unarius Academy of Science," in *New Religions: A Guide; New Religious Movements, Sects, and Alternative Spiritualities*, ed. Christopher Partridge (New York: Oxford University Press, 2004), 396.
[96] Unarius United Community, "Lesson 5: Energy: The Great Infinite Source," Unarius United: Science of Life, accessed June 3, 2017, http://www.unariusunited.com/iccc-5/.
[97] Davis, *Visionary State*, 197.

humanity, conveying a more evolved way of life so that Earth may join this confederacy of planets as its 33rd and final member.[98] One additional ship would be sent as a gift for Earth as part of joining the Confederation, and another ship from Myton would precede the others and lead the way.[99] The arrived beings were to teach an "interdimensional science of life" based on the principles of physics. By the mid-1970s, the Unarius Academy of Science had embraced early video technology, filming, directing, and producing cathartic spectacles, which often starred a bedazzled Uriel and featured members who would act out past life episodes or convey Unarian teachings and beliefs.

The Aetherius Society was founded in London in 1955 by George King, a cab driver born into a family of mediums. Spiritually minded since youth, King became a Quaker as a young man and later studied yoga, becoming a regular practitioner. In 1954, while doing dishes in his London flat, King received a transmission from a Venusian space alien named "Aetherius" ("one who travels the ether") who stated, "Prepare yourself! You are to become the voice of interplanetary parliament."[100] Shortly thereafter, King established the Aetherius Society. Over time, often while in a trance-like elevated state, King received approximately 600 teachings through an inner frequency that he called the "Primary Terrestrial Mental Channel." To King, these beings were not only interplanetary but also of higher planes like the "interdimensionality" conveyed by the Normans and Probert, and King referred to them as "The Gods from Space," or "The Cosmic Masters"—the latter term similar to Theosophy's "Ascended Masters."[101]

Seemingly through the lens of nuclear testing and atomic war, King believed there were evil, extraterrestrial forces that wished harm upon Earth. To repel these forces, King received a calling from "Master Jesus" to ascend 18 holy mountains worldwide and charge them with spiritual energy. It was on one of these mountains—Southern California's Mount San Antonio ("Mount Baldy"), which at 10,064 feet is the highest peak in Los Angeles County—that in 1959, according to Aetherius followers, a flying saucer swooped overhead and vested both the mountain and King himself with a great surge of force.[102] That same year, King moved to Los Angeles and established a second Aetherius Society headquarters in Hollywood, which would be formally incorporated the following year.

Aetherius has practitioners in the thousands. Their beliefs and concepts, which include "Operation Prayer Power" and "Operation Space Power"—among other "Operations" and programs, overlap with Christianity and high technology in a manner highly similar to Van Tassel's College of Universal Wisdom. Through Operation Prayer Power, King believed that prayer was an energy that could be "accumulated" and stored in crystal radionic batteries that

[98] Davis, *Visionary State*, 197; Diana G. Tumminia, "Virtual Tour and Sociological Introduction to Unarius Academy of Science," California State University, Sacramento, accessed June 3, 2017, http://www.csus.edu/indiv/t/tumminia/unarius.htm.
[99] Tumminia, "Unarius Academy," 396.
[100] Cecelia Rasmussen, "Flying Saucer Society Sought Peak Experience on Baldy," *Los Angeles Times*, January 12, 2003, http://articles.latimes.com/2003/jan/12/local/me-then12.
[101] Davis, *Visionary State*, 195.
[102] Rasmussen, "Flying Saucer."

King invented to be hooked up to another apparatus that would send prayer power by antenna to a given, designated part of the world as requested, or to charge certain earthly places with good energy.[103]

The primary purpose of Operation Space Power is to help humans help one another to speed up human evolution through "spiritual pushes"—humans helped in part by a silent and invisible space craft called "Satellite Number 3" that comes into the Earth's area four times a year to give people more energy and make their positive actions more karmically potent. Aetherians believe in a strong base of service to others, spiritual knowledge and development, and have adopted some aspects of Buddhist beliefs such as karma. Many of the transmissions King received related to the atomic bombs dropped on Hiroshima and Nagasaki, and included the concept that actions taken in space, such as the exploding of missiles and rockets, and atomic experimentation, had substantially more severe karmic implications.[104] King, like Van Tassel, published a regular newsletter called "Cosmic Voice," and also like Van Tassel wrote multiple books. Most strikingly like Van Tassel, King held the belief that "The thing that you call L-O-V-E is just as much an energy as the thing you call electricity; it just operates on a different frequency and does a different job."[105]

Both the Unarius Academy and the Aetherius Society share with the College of Universal Wisdom the concepts of extraterrestrials as evolved teachers and a spiritual aspect to energy itself. Both the Unarius Academy and the Aetherius Society, like the College of Universal Wisdom, embraced high technology. Unarius was an early adopter of video technology, and Aetherians used special batteries and a variety of machines to store and distribute prayer and other cosmic energies. Both the Unarius Academy's and the Aetherius Society's leaders, like Van Tassel, employed channeling and meditation. All three groups involved initial contact with specifically Venusian space aliens. Specifically, akin to the Aetherius Society, George Van Tassel produced a regular publication, retained Christian tenants, and channeled messages pertaining specifically to the dangers of atomic weapons. Specifically like the Unarius Academy, Van Tassel had a clear and professed interest in combining science with spirituality, and both Van Tassel and Unarius believed in an "ancient astronauts" (Paleo-Seti) concept, where extraterrestrial beings have been present—either on Earth or in contact with humans for thousands of years.[106]

Where Van Tassel's College of Universal Wisdom markedly differs from these or any other ufology spiritualist groups and religions, is through the physical existence of the Integratron. Architecturally, the Unarius Academy's El Cajon headquarters, which has been their home since 1975, is a typical albeit fantastically themed commercial storefront and interior space. The Aetherius Society's Hollywood headquarters is located within a complex that includes a

[103] Partridge, *New Religions*, 374; Aetherius Society, "The Aetherius Society: An Introduction," YouTube video, 1:04:32, posted by the Aetherius Society, January 25, 2011, accessed May 20, 2017, https://www.youtube.com/watch?v=T8GYpcPXtog.
[104] Ibid.
[105] Rasmussen, "Flying Saucer."
[106] Tumminia, "Virtual Tour."

preexisting Arts and Crafts-styled 1920s church with an intact, 1960s-era Aetherian altar, and recent, star-themed pointed-arch entrance gates placed by the Aetherius Society. The complex presumably contains the machinery for Operations Prayer Power and Space Power. Architecturally, the Integratron is substantially more distinct and expressive of ufology. This is not only through the unique, completed components of the machine, which include the entirety of the all-wood structural dome and the dirod apparatus, but also the Integratron's intent and genesis. Transcending shelter and even spiritual facility alone, the Integratron's existence and aims stem directly from Van Tassel's space being visitation.

CRITERION C: Architecture

The Integratron is a historically significant structure relative to Criterion C. Its structure is a distinctly engineered hemispherical umbrella dome constructed, based on space being input, with no metal whatsoever. The Integratron relates to the resurgence in popularity of dome architecture during the postwar era that appears to be informed by aircraft construction. During World War II Van Tassel worked directly under Howard Hughes as his test flight inspector for the top-secret Hughes D-2 fighter plane, which was made primarily of glue-laminated wood. The exposed framework visible within the Integratron's interior—also of glue-laminated wood—is highly similar to World War II-era fuselage construction, which appears to have been influential. The areas of significance relative to Criterion C are Architecture and Engineering. As a working machine the Integratron was never completed. However, the structure's completed and highly intact elements, including its remarkably engineered, all-wood hemispherical dome and its dirod apparatus are exceptionally distinctive in both design and intent.

Dome Structures

Dome structures date to prehistory as more-or-less round-plan shelters, and are among mankind's earliest constructed-property types. It is believed that such structures were covered with "pliable materials," forming a dome shape.[107] According to the architectural historian E. Baldwin Smith, the dome was "a shape first, then idea."[108] With this transition, in innumerous early cultures the dome-roofed form was seen as an ancestral shelter, a cosmic symbol, or a place of ritual.[109] And with this transition, domes would begin to incorporate more permanent materials, and became associated with symbolic functions combining the funerary and the afterlife. The earliest examples of domes commonly seen in Western architecture are a point of scholarly debate, with possible roots in Mesopotamia, Persia, or the Hellenistic portion of the Roman Empire.[110]

[107] E. Baldwin Smith, *The Dome: A Study in the History of Ideas* (Princeton, NJ: Princeton University Press, 1950), 6.
[108] Ibid., 5.
[109] Ibid., 6.
[110] Ibid., 3.

By the late Roman Empire, the dome had become a symbol of "celestial greatness and imperial immortality," with the Romans becoming masterful engineers of the building type.[111] Rome's best-known and best-preserved early example is the Pantheon, designed by Appolodorus of Damascus and completed in approximately AD 128. Through early Christianity, dome structures would continue being associated with both the celestial and the ancestral, and were often built over centralized-plan martyria—and even over the tomb of Jesus Christ, where a wooden dome is believed to have covered his burial site at the Holy Sepulchre Church constructed AD 326–35.

Numerous churches and other religious buildings would apply the dome structure throughout the history of Eastern and Western Christianity, Islam, and Buddhism, among other world religions. Over time, as dome engineering evolved, numerous different dome types developed. The Integratron, like the Pantheon, is a "hemispherical dome"—meaning a dome with a constant radius of curvature that comes vertically from its springing line, and is often treated as a half-sphere.[112] More specifically, the Integratron is an "umbrella dome" sometimes referred to as a "radial dome," wherein vertical meridian ribs are predominate over the parallels that, when present, comprise its hoops. Significant examples of umbrella dome architecture include the Hagia Sophia (Isodorus of Miletos and Anthemius of Tralles, Istanbul, AD 537); Pazzi Chapel at the Church of Santa Croce (Filippo Brunelleschi, Florence, 1443), and the Saint Peter's Basilica at the Vatican (Michelangelo, Giacomo della Porta, and Domenico Fontana, Rome, 1547–90).

The earliest-known wooden dome to be studied in some detail is the pagan temple of Marneion, located in Gaza, Palestine, constructed circa AD 130 and purposely destroyed by the Christians in AD 402. Of note: the temple was dedicated to Marnas, a sky god believed to be an adaptation of the Cretan Zeus, the ruler of the Universe.[113] Van Tassel himself believed that after the creation myth as described in the book of Genesis, in biblical times any reference to "sky gods" or voices from the heavens were space beings—the same space beings that, through speaking to and visiting Van Tassel, provided him guidance, including the requirement to build the Integratron as an all-wood dome. The text that most deeply analyses the Marneion temple was published 1950 by the Princeton Architectural Press: one of the few overarching analyses of early dome architecture in English available during the Integratron's mid-1950s design period. It is unknown, though not inconceivable, that Van Tassel or his architect may have been familiar with this then-recently published book.

Postwar Dome Architecture

Developments in materials and mathematics have made dome structures of the Modern era a go-to design choice for buildings necessitating open spans or structures that are lightweight, portable, efficient to erect, or strong enough to withstand harsh environmental settings.

[111] Ibid., 7.
[112] *Illustrated Dictionary of Architecture*, s.v. "hemispherical dome," accessed June 10, 2017, http://encyclopedia2.thefreedictionary.com/hemispherical+dome.
[113] A. B. Cook, *Zeus: A Study in Ancient Religion* (Cambridge, UK: Cambridge University Press, 1914), 40, ii, 549ff., as cited in Smith, *The Dome*, 14n16.

A lesser-known but widely used dome design was developed during World War II and based on pneumatics. Southern California architect Wallace Neff (1895–1982), devised a manner of low-cost housing called the "Airform Bubble House," which involved an inflated nylon balloon grommetted on a concrete foundation, that was then covered with insulation, wire mesh, and sprayed with Gunnite that served as the exterior cladding.[114] Airform Bubble Houses were quick and inexpensive to make, and through the 1950s "Bubble Houses" would be constructed in Portugal, Virgin Islands, Mexico, Senegal, among other places. The only remaining example in the United States is a single-family house located in Pasadena. Other architects and designers, such as Jeffrey Lindsay of Los Angeles and Paolo Soleri, would design dome-shaped houses during the immediate postwar era. In all instances, including Neff's Bubble Houses, domes in this capacity were seen as one-off, if not entirely novel, structural systems.[115]

Just after World War II a renaissance in the dome form began, and was heralded by engineer R. Buckminster Fuller (1895–1983). In 1947 Fuller began the refinement of the "geodesic" dome, a polyhedron "made of light, straight structural elements mostly in tension," for which he would receive U.S. patents in 1954. By this time, Fuller had already developed fiberglass plastic domes for the U.S. Marines' Distant Early Warning (DEW) radar line. These domed structures, which were movable by helicopter, were able to withstand incredible winds, and proved remarkably strong for their fairly light weight, and were quick to assemble. The U.S. Marines, which placed the domes in harsh locations such as Antarctica, had approximately 300 in their possession by the time Fuller first exhibited his geodesic-dome concept to a wider public audience at the Milan X Triennale on August 4, 1954.[116]

Through the rest of the postwar era, Fuller's geodesic dome idea would be used frequently. Better-known examples include the 1953 geodesic roof that architect T. C. Howard and Fuller designed for the Albert Kahn's preexisting Ford Rotunda, in Dearborn, Michigan; the eight geodesic domes created by Kaiser Aluminum at various U.S. locations beginning in the late 1950s; and the 1967 U.S. Pavilion at the Montreal World's Fair (Expo 67), which Fuller designed in conjunction with the architect Shoji Sadao. Numerous geodesic domes would be constructed by early green and alternative living communities through the 1960s and the 1970s that viewed the building as an "appropriate technology," relative to the environment and housing matters.[117] Such domes were lightweight, efficient, portable, and touched the earth in a relatively gentle manner.[118] Furthermore, their spherical designs symbolically referenced "Spaceship Earth," as Fuller referred to the planet.[119]

[114] Jeffrey Head, *No Nails, No Lumber: The Bubble Houses of Wallace Neff* (New York: Princeton Architectural Press, 2011), 22–25.
[115] Head, *No Nails*, 21.
[116] T. K. Zung, *Buckminster Fuller: Anthology for the New Millennium* (New York: St. Martin's Griffin, 2002), 33–34.
[117] Peter Braunstein and Michael William Doyle, eds. *Imagine Nation: The American Counterculture of the 1960s and 1970s* (New York: Routledge, 2002), 364.
[118] Eva Díaz, "Dome Culture in the Twenty-First Century," *Grey Room* 42 (Winter 2011): 85.
[119] See R. Buckminster Fuller, *Operating Manual for Spaceship Earth* (New York: Simon and Schuster, 1969).

Van Tassel's hired architect, Howard P. Hess, revealed the College of Universal Wisdom Research Laboratory renderings in June of 1954. Though likely from and contemporaneous to a wave of press and attention for dome structures as heralded by Fuller, the Integratron is not a geodesic dome. Rather, as previously discussed, the Integratron is a hemispherical "umbrella dome," sometimes referred to as a "radial dome," with an emphasis on its pronounced vertical ribs that serve as the Integratron's primary structural support.

Glue-Laminated Construction

Each of the 16 meridian ribs is of "glue-laminated" wood construction. According to the Engineered Wood Association, a glue-laminated beam, or "glulam," is a "stress-related engineered wood beam composed of wood laminations, or 'lams,' that are bonded together with durable, moisture resistant adhesives."[120] A glulam member's strength is derived in part by the grain of all laminations running parallel the length of the member, and pound-for-pound glulam members are stronger than steel, allowing for large, unobstructed spaces when designed with glulam members.[121]

The technology, which had roots in northern Europe, was brought to the U.S. in the mid-1930s, and the first structure completed with glulam was the U.S. Department of Agriculture Forest Products laboratory, located in Madison, Wisconsin. Capable of striking aesthetic expressions, by the late 1930s innumerous U.S. churches, community halls, garages, barns, warehouses, and gymnasiums, among other buildings employed glulam construction. Most appeared in the upper corridor of the United States, including the upper Midwest and Washington state, where a similar use of wood ribs in the shipbuilding industry was already present, and from where the custom glulam ribs for the Integratron would be produced.[122]

Aircraft Influences

As previously mentioned, George Van Tassel worked for Howard Hughes as his test flight inspector from 1941 to 1943 in the Mojave Desert at Harper Dry Lake just outside of Barstow near the town of Hinkley. During this time, Hughes tested top-secret aircraft, including a prototype fighter plane that appears to have been hugely influential on the Integratron: the D-2, or DX-2 fighter plane. Very few pictures of the D-2 exist, and Hughes did not even allow the Commanding General of the Army Air Forces to visit Harper Dry Lake and view the plane.[123] But among details now known of the D-2, most of the plane, including its airframe, was made of glue-laminated wood construction, specifically an ultra-strong version called "Duramold." In the

[120] "Glulam," APA - The Engineered Wood Association, accessed May 22, 2017, www.apawood.org/glulam.
[121] Ibid.
[122] T. R. C. Wilson, *Technical Bulletin No. 691: The Glue Laminated Wooden Arch* (Washington, DC: U.S. Department of Agriculture, October 1939), 4.
[123] Robert F. Dorr, "XF-11 Was Howard Hughes 'Might Have Been' Reconnaissance Aircraft," *Defense Media Network*, June 3, 2012, accessed May 25, 2017, http://www.defensemedianetwork.com/stories/xf-11-was-howard-hughes-might-have-been-reconnaissance-aircraft/.

Duramold process, laminate members are not just glued to one another, but are impregnated with resin under heat treatment.

It is unknown if the Integratron's vertical ribs are of Duramold, but they are indeed glue-laminated units. In all likelihood, Van Tassel became intimately familiar with glulam technology and its remarkable strength as he inspected Hughes's super-secret D-2 aircraft. Hughes ultimately purchased the Duramold patent from the Sherman Fairchild company, which invented Duramold in the late 1930s, and would go on to use the technology on his better-known all-wood craft: the H-1 Hercules, also known as "The Spruce Goose," which was the largest aircraft ever constructed.

No interior or structural images exist of the D-2, which was believed to have been purposely burned to the ground, along with its hangar, by Hughes in 1944. However, a multitude of such images exists for the H-1, which has for the last thirty-five years served as a West Coast tourist attraction in Long Beach, California, and later, McMinnville, Oregon. Upon viewing the images, it appears that the Integratron may have been informed by World War II-era fuselage construction, not just as seen on the H-1, but any variety of World War II era aircraft, wood or otherwise.

Like the H-1, the Integratron features dominant glulam-arched vertical ribs, and the clear presence of recessed and secondary horizontal stringers. Within the Integratron's dome level, these elements are handled in-the-round, where horizontal members become hoops of the dome, and the vertical ribs conjoin at an ocular crown. The aircraft fuselage and the Integratron dome both incorporate compression into their engineering, in the case the ladder via the one-and-a-half-ton oculus—itself a compression ring—that secures the structure's primary structural members. As previously mentioned, like that of a fuselage the dome level's inner structure was not intended to be exposed but instead covered in metal foil, thereby serving a similarly utilitarian rather than aesthetic function.

Comparisons

Architecturally, there exist very few contemporaneous buildings—postwar hemispherical umbrella domes constructed of glulam members—with which to compare the Integratron. Only a handful are known, though certain builders within the last ten years seem to be embracing domed, glulam wood construction. One similarly designed, contemporaneous building is a City of Los Angeles Historic-Cultural Monument called the Valley Unitarian Universalist Church, which was designed in 1961 and completed in 1964 by Frank Ehrenthal, who once worked under Richard Neutra.[124] The church, commonly known as "The Onion," is similarly domed with glulam members that, unlike the Integratron, do not taper as they ascend but rather are each of one continuous width. No periodic cross-members are visible at the Church's interior. Each

[124] Los Angeles Conservancy, "Sepulveda Unitarian Universalist Society, The Onion," accessed June 1, 2017, https://www.laconservancy.org/locations/sepulveda-unitarian-universalist-society-onion.

vertical glulam is visible at the building's exterior, which is clad in composition shingle and has a cupola-like flat-topped crown. A long, flat-roofed, covered walk leads to its primary entrance.

The Integratron's dome reads as a purer, more direct, and platonic form, without the ascending, flat-topped cupola of the Onion, instead crowning at the previously mentioned oculus that doubles as a crucial engineering component. It is unknown if the ring visible atop the Onion's interior space serves in a similar engineering capacity. The Integratron's form is unobstructed by any connected element such as a covered walkway. Inside of the Integratron, glulam ribs taper as they ascend, and secondary cross-membered parallels are more pronounced. As has been previously mentioned, no metal whatsoever is employed within the Integratron construction.

Architect

Howard P. Hess (1896–1962) was born in Seattle, Washington, and moved to Pasadena at a young age, where he spent most of his adult life. Professionally, very little is known of Hess. Hess is not present in any past AIA historic directories, is not listed in the Pacific Coast Architecture Database, or any editions of Southern California's best known architectural survey, the David Gebhard and Robert Winter's various Los Angeles architectural guidebooks. Hess's 1924 English Revival Robert D. Watson residence is a National Register of Historic Places district contributor to the City of Pasadena Prospect Historic District, listed in 1983. In the late 1930s Hess was a draftsman for the noted Los Angeles firm Allison & Allison, and in 1950 the *Los Angeles Times* announced his proposed design for an unrealized Late Moderne Veterans Memorial Building at the UCLA campus.[125]

A World War I veteran, Hess appears to have had some military-industrial background, which may explain how he became acquainted with George Van Tassel. During World War II Hess worked for Basic Magnesium Inc. of Las Vegas in an unknown capacity, and in 1952 he designed a building in Phoenix for AiResearch Manufacturing Company, which was discussed in a 1952 *Engineering News-Record* article as "forward thinking."[126] Based on the above information alone, Howard P. Hess does not appear to be a master architect. Though admittedly little is known of his built work, no other known work by Hess approximates the Integratron's distinctive design. It is highly likely that Van Tassel (via the space being Solgonda), who would have been familiar with structural tensions as a test flight inspector, had a considerable hand in dictating the Integratron's ultimate design, which as previously mentioned incorporates the glulam with which Van Tassel was already familiar from his work with Howard Hughes, and has structural similarities to World War II-era fuselage construction.

NATIONAL REGISTER ELIGIBILITY

[125] "U.S. City Directories, 1822–1955: Los Angeles A–L, California, City Directory, 1938," Ancestry.com, U.S. City Directories, 1822–1995, accessed May 20, 2017, https://www.ancestrylibrary.com/; "UCLA Provides Building Site for Memorial," *Los Angeles Times*, January 12, 1950, 2.
[126] *Engineering News-Record* 149 (August 1952): 31.

The Integratron is National Register of Historic eligible under Criterion A for its direct associations to Ufology. The Integratron is the singular example of its property type: a life-extension machine with peripheral functions of antigravity and time travel. Though the Integratron as a machine is unfinished, the Integratron is the only known structure within the ufology movement whose reason for being, not to mention select construction details, were directly dictated, according to its maker, by a space being. In what became his life's work, Van Tassel worked on the Integratron until his passing—fundraising, advocating, and marketing its completion and potential benefits.

The Integratron is National Register of Historic Places eligible under Criterion B, for its direct associations to George Van Tassel, a historically significant figure in the post-World War II ufology movement. Aside from constructing the Integratron, Van Tassel is credited as the first individual to congregate space alien channelers, which occurred in early 1952. According to preeminent UFO scholar Jerome Clark, "Van Tassel was a major, perhaps *the* major, promoter of other contactees. The Giant Rock gatherings gave many their first significant public platforms."[127] Van Tassel organized and oversaw the "Giant Rock gatherings," formally known as the Interplanetary Spacecraft Conventions, during most years from 1954 until 1977. Between 1952 and 1976, Van Tassel authored four books on ufology and was a national lecturer and media personality for the subject. From 1953, when he set aside ten acres of a larger 40-acre ranch for the College of Universal Wisdom Campus, until his 1978 passing, Van Tassel maintained continuous association to the subject property.

The Integratron is National Register of Historic Places eligible under Criterion C. The Integratron is a significant postwar example of both dome and glue-laminated architecture. Distinctly engineered, the Integratron contains no metal whatsoever within its structure, instead incorporating glue-laminated meridians compressed in place by a one-and-a-half-ton concrete and a Micarta oculus custom-made for the structure by the Westinghouse Company. The Integratron design appears to be strongly informed by Van Tassel's aerospace background. While working for Howard Hughes from 1941 to 1943, Van Tassel became intimately familiar with glue-laminated wood as the test flight inspector for the top-secret Hughes D-2 fighter plane, which was primarily composed of the material. In 1954 Van Tassel hired the architect Howard P. Hess formalize the Integratron's design, and design other buildings and structures for what was originally to be a campus called the College of Universal Wisdom. Little is known of Hess's body of work, which includes revival-styled houses and industrial designs. Hess does not appear to be a master architect in the manner warranting National Register eligibility of the Integratron under Criterion C, for direct associations to a master architect.

Criteria Consideration G:

The Integratron meets the requirements of Criteria Consideration G as an exceptionally significant property with a period of significance ending in 1978—the year construction ceased

[127] Clark, *UFO Encyclopedia*, 2:973.

due to George Van Tassel's passing that same year. The Integratron has achieved a continued and substantial importance to the ufology community as cited in numerous scholastic sources since 1978 as telling and exceptionally important for ufology, flying saucer metaphysics, and contacteeism.

Ultimately unfinished, the Integratron was a long-term, project that spanned over 20 years, and the product of a long-range vision on the part of George Van Tassel. More than a rare property type, as a life extension machine whose design and fundamental concept was dictated to Van Tassel by Solgonda, a space being, the Integratron is one-of-a-kind, and thus exceptionally important for ufology, of the recent past and otherwise, despite being unfinished, and having construction upon it from within the last 50 years. Among the character defining features added to the building within the last 50 years is the spinner apparatus, which includes 64 aluminum dirods that were to serve as static collectors. These features, which Van Tassel called, "the heart of the Integratron," were to play a crucial role in generating the electricity that would ultimately lead to the life-extending function for which the Integratron was conceived.[128] The aforementioned character-defining features are therefore exceptionally important elements of the Integratron's architecture and engineering that are presently less than 50 years old.

More than any other property, the Integratron is directly associated with George Van Tassel as an exceptionally important figure in the history of ufology. Aside from creating the Integratron itself and establishing the Interplanetary Spacecraft Conventions, Van Tassel is credited as the father of the Ashtar mythology. The Ashtar mythology is exceptionally important as the metaphysical structure in which much present-day ufology, and specifically contacteeism, is experienced. As documented in Van Tassel's 1952 book *I Rode a Flying Saucer*, on July 18, 1952, after having channeled contact with a multitude of space beings, Van Tassel was contacted by Ashtar, and this initial channeling, wherein Ashtar expresses concern for humanity particularly relative to the potential for nuclear destruction—specifically the splitting of the hydrogen atom—fundamentally defines and informs the Ashtar movement from that point forward.[129]

For how Van Tassel experiences, envisions, and defines this supreme and concerned space being, according to the ufology Aaron John Gulyas, Van Tassel "launched flying saucer and contact memes which persist into the 21st century … subsequent contactees will resurrect [Ashtar], providing a continuity that lasts decades; Van Tassel's … character of Ashtar and the protective mission of his subordinates would grow, expand, and outlive Van Tassel in a way that other contact narratives do not," as Ashtar "would emerge time and time again in channeled contactee literature."[130] Jerome Clark also credits Van Tassel for originating later conceptions of Ashtar, whom Clark calls a "metaphysical superstar."[131] Melton devotes a whole section of his encyclopedia to the "Ashtar Command," and James R. Lewis, another significant authority of

[128] College of Universal Wisdom, *Proceedings* 8, no. 6 (July–October 1968): 5.
[129] George Van Tassel, *I Rode A Flying Saucer*. Los Angeles: New Age Publishing Co., 1952: 30-32.
[130] Aaron John Gulyas, *Extraterrestrials and the American Zeitgeist: Alien Contact Tales Since the 1950s* (Jefferson, NC: McFarland and Company, 2010), 110–19.
[131] Clark, *UFO Encyclopedia*, 2:390.

both world religions and ufology, in his *Encyclopedic Sourcebook of UFO Religions*, gives the Ashtar Command an entire appendix that begins with Van Tassel's original July 1952 channeling.[132]

The Integratron continues to capture the popular imagination of numerous metaphysically minded persons who visit the site for the soundbaths offered within its acoustically perfect upper level dome, and continues to serve as a key pilgrimage point for the ufology community, particularly during annual events such as "Contact in the Desert," held at Giant Rock and nearby venues once a year, and in many ways acts as an extension of Van Tassel's original Spacecraft Conventions.

Integrity

The Integratron is unmoved from its original location; therefore, the integrity of location is retained. None of the secondary buildings, structures, or objects present on the property that date from the period of significance have been relocated. An external five-ton air compressor associated with Integratron operation was removed off the property immediately after Van Tassels passing, as was instrumentation willed to Van Tassel by a friend shortly before Van Tassel's own passing. It is unknown how much, if any, of the instrumentation was ever installed.

The Integratron's integrity of design is retained, exhibiting few changes from the period of significance. Manifest changes are sensitively handled and/or fairly minor. These include a sensitively-handled cutaway opening to allow for a cooling element; the addition of a wheelchair-access ramp off the west elevation exit, the recent addition of a slightly reflective film to exterior windows, and the replacement, which occurred during an unknown year, of the original ship ladder from the ground to the dome level with a permanent wood staircase and balustrade. Van Tassel constructed a curving, full-height wood utility ladder within the dome level similar to the one still present outside of it. This ladder was removed within the last ten years due to deterioration and safety concerns.

The Integratron's immediate setting is largely unimproved, sand-covered desert ground, for a diameter of approximately 120 feet surrounding the structure, containing chain-link fencing, control room, workshop shed, and four lightning rods that all date from the period of significance. At some remove from the Integratron itself, the larger, ten-acre property has seen the addition of multiple smaller-scale buildings and landscape elements. Nonetheless, the integrity of setting, the Integratron as extant in an open desert space, is retained.

[132] J. Gordon Melton, *Melton's Encyclopedia of American Religions* (Detroit: Gale Cengage Learning, 2009), 782; Christopher Helland, "[Appendix 5] The Ashtar Command [introduction]" in Lewis, *Encyclopedic Sourcebook*, 497. The mythology is commonly referred to today as the "Ashtar Command." Though largely based off Van Tassel's original channeling, the Ashtar Command was originally founded by Robert Short (aka "Bill Rose"). Before Short was the editor of the former UFO magazine *Interplanetary Digest*, he was one of the original attendees of Van Tassel's weekly channeling sessions. It is presently unknown if Short was in attendance on July 18, 1952, which was the night of Van Tassel's initial Ashtar channeling. The Ashtar Command has no central authority, but is rather a diffuse, well-documented network of people who claim to have channeled this specific being.

The structure's Integrity of materials is retained, and is virtually unchanged from the end of its periods of significance. The Integratron largely remains as completed in 1960: an all-wood structure containing no metal whatsoever, with the exception of recent, fully hidden electrical wiring. Aside from the previously mentioned additions and alterations relative to the integrity of design, the integrity of materials is unchanged.

The integrity of workmanship is impeccably retained, exhibiting virtually no changes whatsoever from the end of the period of significance. Character-defining features related to workmanship include: the tapering, custom-designed glue-laminated meridian ribs, and all-over interior woodwork, including a generous use of wood doweling in place of metal nails or welds.

The Integratron retains integrity of feeling as a remote, distinct and unusual ufology-related property constructed between 1958 and 1978. Utilitarian in intent, the Integratron, although never finished as an operating machine, still reads as a straightforward and utilitarian construction. Though early in its history it was intended to be a campus, the larger property was originally sparse, and the addition of multiple smaller-scale structures, objects, and landscape elements, particularly near the 1956 Utilities Building at the property's middle portion, have introduced a noticeable change to the feeling of the larger property, not to mention the setting of that specific contributing resource. However, this change is not one that compromises the integrity of feeling relative to the Integratron itself.

The Integratron retains integrity of association to the ufology context from which it developed and to its maker, George Van Tassel. The vast majority of the Integratron's character-defining features remain. The Integratron still includes four external wood brackets at the spinner apparatus, constructed in the early 1970s. However, the inductor, collector comb, and electron accumulator elements, at each once present, are now missing. Despite this loss, insofar as the spinner with its dirod apparatus is still fully present in the structure, and the Integratron still reads as an unaltered, all-wood structure as dictated by Solgonda, associative integrity is retained.

The Integratron's historic property boundary is the entirety of the ten-acre parcel on which it presently resides. Originally part of a larger property purchased by Van Tassel in 1947, Van Tassel specifically allocated this property to become a campus called the College of Universal Wisdom. Originally referred to in preliminary plans and drawings as the College of Universal Wisdom Research Laboratory, the Integratron was intended to be the centerpiece of his campus. Van Tassel's campus ambitions appear to have subsided early: just after the Integratron's structural completion in 1960. Nonetheless, two resources, the Utilities Building and the Observatory, are located on this acreage and predate the Integratron's construction by three years, and the well-house structure pre-existed upon the property. The acreage also includes a variety of secondary structures and objects, most that were built contemporaneously to the Integratron, that were intended to support its function. These include the subterranean Humidity Control Room and its adjacent well-house structure; the Bi-Polar Magnetic Detector antenna, the

Control Room shed, the Workshop shed, and landscape elements from the period of significance that include chain-link and barbed wire fencing.

9. Major Bibliographical References

Bibliography (Cite the books, articles, and other sources used in preparing this form.)

Aetherius Society. "The Aetherius Society: An Introduction." YouTube video, 1:04:32. Posted by the Aetherius Society, January 25, 2011. Accessed May 20, 2017. https://www.youtube.com/watch?v=T8GYpcPXtog.

Ainsworth, Ed. "Plans for 'Out of this World' Laboratory Disclosed." *Los Angeles Times*, June 17, 1954.

Altered States Ltd., "Lakhovsky's Multi-Wave Oscillator (MWO): Another Perspective." Lakhovsky's Multiple Wave Oscillator. Accessed May 17, 2017. www.Lakhovsky.com.

"Are Sky Spies Snooping 'Round this Ol' Earth?" *Wilkes-Barre Times Leader* (Wilkes-Barre, PA), July 2, 1920.

Bahder, Thomas B., and Chris Fazi. "Force on an Asymmetric Capacitor." Army Research Laboratory (Adelphi, MD), September 27, 2002. Accessed June 14, 2017. https://arxiv.org/vc/physics/papers/0211/0211001v1.pdf.

Barnothy, Madeleine F., ed. *Biological Effects of Magnetic Fields*. Vol. 2. New York: Plenum Press, 1964.

"Believers, Skeptics Attend Space Show." *Courier News* (Bridgewater, NJ), September 17, 1958.

Benson, Bob. "Integratron: In Memoriam." Information sheet, circa 1991.

Billy Holcomb Chapter of the Ancient and Honorable Order of E Clampus Vitus. "The Integratron." Program booklet. n.p.: self-published, 2005. https://www.billyholcomb.com/wp-content/uploads/2016/11/6010-S-Clampout-The-Integratron.pdf.

Blavatsky, H. P. *The Secret Doctrine*. Point Loma, CA: Aryan Theosophical Press, 1917.

Blazer, Linda. "Shalam County: A Utopian Experiment." Office of the State Historian (New Mexico). http://newmexicohistory.org/places/shalam-colony-a-utopian-experiment-1.

Bloecher, Ted. *Report on the UFO Wave of 1947*. 1967. Reprinted online by Jean Waskiewicz and Francis Ridge. n.p.: Jean Waskiewicz, 2005. Accessed April 1, 2017. http://www.noufors.com/Documents/Books,%20Manuals%20and%20Published%20Papers/ReportOnWaveOf1947.pdf.

Borderland Sciences Research Foundation. "The Ether Ship Mystery and its Solution - I - Etheria." Accessed March 25, 2017. https://borderlandsciences.org/project/etheria/mimeo/esm/sect_I.html#where.

Braunstein, Peter, and Michael William Doyle, eds. *Imagine Nation: The American Counterculture of the 1960s and 1970s*. New York: Routledge, 2002.

Butler, Brian. "Cameron: The Wormwood Star." In *Book of Lies: The Disinformation Guide to Magick and the Occult*, edited by Richard Metzger. San Francisco: Disinformation Books, 2013. Kindle edition.

Carter, John. *Sex and Rockets: The Occult World of Jack Parsons*. Port Townsend, WA: Feral House, 2004.

Clark, Jerome. *The Emergence of a Phenomenon—UFOs from the Beginning through 1959*. Detroit: Omnigraphics, 1992.

Clark, Jerome. *The UFO Encyclopedia: The Phenomenon from the Beginning*. 2nd ed. 2 vols. Detroit: Omnigraphics, 1998.

Cleminshaw, C. H. "The Meteor Shower of 1946." *Publications of the Astronomical Society of the Pacific* 58, no. 345 (December 1946): 362–63.

Coghill, Roger. *The Book of Magnet Healing: A Holistic Approach to Pain Relief*. New York: Fireside Books, 2000.

College of Universal Wisdom. *Proceedings* 1, no. 8 (February 1, 1954).

College of Universal Wisdom. *Proceedings* 1, no. 10 (March 1, 1954).

College of Universal Wisdom. *Proceedings* 2, no. 14 (May 1, 1954).

College of Universal Wisdom. *Proceedings* 2, no. 16 (June 1, 1954).

College of Universal Wisdom. *Proceedings* 3, no. 12 (November 1955).

College of Universal Wisdom. *Proceedings* 4, no. 1 (January–February 1956).

College of Universal Wisdom. *Proceedings* 5, no. 9 (November–December 1957).

College of Universal Wisdom. *Proceedings* 6, no. 2 (May–June 1958).

College of Universal Wisdom. *Proceedings* 6, no. 4 (October–November 1958).

College of Universal Wisdom. *Proceedings* 6, no. 7 (June–July 1959).

College of Universal Wisdom. *Proceedings* 6, no. 9 (May–June 1960).

College of Universal Wisdom. *Proceedings* 7, no. 3 (September–October 1963).

College of Universal Wisdom. *Proceedings* 7, no. 4 (January–February 1964).

College of Universal Wisdom. *Proceedings* 8, no. 6 (July–October 1968).

College of Universal Wisdom. *Proceedings* 9, no. 4 (October–December 1970).

College of Universal Wisdom. *Proceedings* 9, no. 5 (January–March 1971).

College of Universal Wisdom. *Proceedings* 9, no. 6 (April–June 1971).

College of Universal Wisdom. *Proceedings* 10, no. 5 (July–September 1974).

College of Universal Wisdom. *Proceedings* 10, no. 9 (July–August 1975).

College of Universal Wisdom. *Proceedings* 10, no. 10 (October–December 1975).

College of Universal Wisdom. *Proceedings* 11, no. 2 (July–September 1976).

College of Universal Wisdom. *Proceedings* 11, no. 4 (January–March 1977).

College of Universal Wisdom. *Proceedings* 11, no. 5 (July–September 1977).

Cook, A. B. *Zeus: A Study in Ancient Religion*. Cambridge, UK: Cambridge University Press, 1914.

Davis, Erik. *The Visionary State: A Journey Through California's Spiritual Landscape*. San Francisco: Chronicle Books, 2006.

Díaz, Eva. "Dome Culture in the Twenty-First Century." *Grey Room* 42 (Winter 2011): 80–105.

Dorr, Robert F. "XF-11 Was Howard Hughes' 'Might Have Been' Reconnaissance Aircraft" *Defense Media Network*, June 3, 2012. Accessed May 25, 2017. http://www.defensemedianetwork.com/stories/xf-11-was-howard-hughes-might-have-been-reconnaissance-aircraft/.

Einat, Moshe, and Roy Kalderon. "High Efficiency Lifter Based off the Biefeld-Brown Effect." *AIP (American Institute of Physics) Advances* 4, no. 7 (2014). doi:10.1063/1.4890353.

Engineering News-Record 149 (August 1952).

Feather, Carl E. "Aliens Gave Jefferson Native Instructions for His Integratron." *Star-Beacon* (Ashtabula, OH), October 28, 2012. http://www.starbeacon.com/news/local_news/aliens-gave-jefferson-native-instructions-for-his-integratron/article_69ed80ec-5c09-5eee-9edf-6e3210939cec.html.

Fort, Charles. *Book of the Damned*. New York: Boni and Liverlight, 1919.

Fuller, R. Buckminster. *Operating Manual for Spaceship Earth*. New York: Simon and Schuster, 1969.

Government Documents File: FBI Files; George Van Tassel: UFO Researcher. Burbank: W. L. Moore Publications, n.d.

"Glulam." APA - The Engineered Wood Association. Accessed May 22, 2017. www.apawood.org/glulam.

Grünschloss, Andreas. "Ufology and UFO-Related Movements." In *New Religions: A Guide*, edited by Christopher Partridge. 372–76. New York: Oxford University Press, 2004.

Gulyas, Aaron John. *Extraterrestrials and the American Zeitgeist: Alien Contact Tales Since the 1950s*. Jefferson, NC: McFarland and Company, 2010.

Head, Jeffrey. *No Nails, No Lumber: The Bubble Houses of Wallace Neff*. New York: Princeton Architectural Press, 2011.

"Hemispherical dome." In *Illustrated Dictionary of Architecture*. McGraw Hill Companies, 1998–. Accessed June 10, 2017. http://encyclopedia2.thefreedictionary.com/hemispherical+dome.

Heywood, Dee. "From Einstein to Angel Wings: Space Conclave Had Everything." *San Bernardino County Sun*, May 26, 1959.

Hoult, Powis. *A Dictionary of Some Theosophical Terms*. London: Theosophical Publishing Society, 1910.

Joshua Tree Village. "Rejuvenation: The Purpose of the Integratron." 2001. Accessed: May 17, 2017. http://www.joshuatreevillage.com/324/rejuvena.htm.

Kratsman, Hank. *George Van Tassel and the Space Aliens.* Encino, CA: Kratsman, 1991.

Lewis, James R., ed. *Encyclopedic Sourcebook of UFO Religions*. Amherst, NY: Prometheus Books, 2003.

Los Angeles Conservancy. "Sepulveda Unitarian Universalist Society, The Onion." Accessed June 1, 2017. https://www.laconservancy.org/locations/sepulveda-unitarian-universalist-society-onion

Melton, J. Gordon. *Melton's Encyclopedia of American Religions*. Detroit: Gale Cengage Learning, 2009.

Partridge, Christopher, ed. *New Religions: A Guide*. New York: Oxford University Press, 2004.

Peebles, Curtis. *Watch the Skies! A Chronicle of the Flying Saucer Myth*. Washington, DC: Smithsonian Institution Scholarly Press, 1994.

Picknett, Lynne. *The Mammoth Book of UFOs*. New York: Carroll and Graf, 2001.

Rasmussen, Cecilia. "Flying Saucer Society Sought Peak Experience on Baldy." *Los Angeles Times*, January 12, 2003. http://articles.latimes.com/2003/jan/12/local/me-then12.

Read, Herbert, ed. *C. G. Jung: The Collected Works*. 20 vols. East Sussex, UK: Routledge and Kegan Paul, 1991.

Ritchie, David. *UFO: The Definitive Guide to Unidentified Flying Objects and Related Phenomena*. New York: Facts on File, 1994.

Ritter, Ed. "They're Friendly: Scientist Tells of Space Visitors." *Riverside Daily News-Press*, December 3, 1954.

Robb, Inez. "Here's the Real Scoop on Ike's Successor." *Arizona Daily Star*, June 21, 1957, 8A.

"A Saucer Session for Spaceship Sighters." *Life*, August 21, 1957.

Smith, E. Baldwin. *The Dome: A Study in the History of Ideas*. Princeton, NJ: Princeton University Press, 1950.

"Science Mocked: Mr. Fort's Record of Strange Happenings." *New York Tribune*, January 17, 1920.

"Starved Into Spiritual Life." *Evening Journal* (Wilmington, DE), October 31, 1906.

Tumminia, Diane G. "The Unarius Academy of Science." In *New Religions: A Guide; New Religious Movements, Sects, and Alternative Spiritualities*, edited by Christopher Partridge, 396. New York: Oxford University Press, 2004.

Tumminia, Diana G. "Virtual Tour and Sociological Introduction to Unarius Academy of Science." California State University, Sacramento. Accessed June 3, 2017. http://www.csus.edu/indiv/t/tumminia/unarius.htm.

"UCLA Provides Building Site for Memorial." *Los Angeles Times*, January 12, 1950.

Unarius United Community. "Lesson 5: Energy; The Great Infinite Source." Unarius United: Science of Life. Accessed June 3, 2017. http://www.unariusunited.com/iccc-5/.

"U.S. City Directories, 1822–1955: Los Angeles A–L, California, City Directory, 1938." Ancestry.com, U.S. City Directories, 1822–1995. Accessed May 20, 2017. https://www.ancestrylibrary.com/.

Van Tassel, George W. *The Council of Seven Lights*. Yucca Valley, CA: DeVros Publishing, 1958.

Van Tassel, George W. *I Rode a Flying Saucer: The Mystery of the Flying Saucers Revealed through George W. Van Tassel*. Los Angeles: New Age Publishing, 1952.

Van Tassel, George W. *Into This World and Out Again: A Modern Proof of the Origin of Humanity and Its Retrogression from the Original Creation Of Man; Verified by the Holy Bible . . . Received through Thought Communication.* Landers, CA: G. W. Van Tassel, 1956.

Van Tassel, George W. *When the Stars Look Down*. Los Angeles: Kruckeberg Press, 1976.

"War in the Context of Thelema." Aiwass.com: Liber 440. Accessed June 3, 2017. http://www.aiwass.com/WarContext.html.

Webster, Jack. "The Extraordinary Equation of George Van Tassel." YouTube video, 25:56. *Webster Reports* (Vancouver, BC). June 18, 1964. Posted by KVOS Channel 12 Films, Center for Pacific Northwestern Studies, Western Washington University, June 14, 2014. Accessed June 5, 2017. https://www.youtube.com/watch?v=Qq_viSR2Yhs.

Wilson, T. R. C. *Technical Bulletin No. 691: The Glue Laminated Wooden Arch*. Washington, DC: U.S. Department of Agriculture, October 1939.

Zung, T. K. *Buckminster Fuller: Anthology for the New Millennium.* New York: St. Martin's Griffin, 2002.

Integratron | San Bernardino County, CA
Name of Property | County and State

Previous documentation on file (NPS):

____ preliminary determination of individual listing (36 CFR 67) has been requested
____ previously listed in the National Register
____previously determined eligible by the National Register
____designated a National Historic Landmark
____ recorded by Historic American Buildings Survey #_____
____recorded by Historic American Engineering Record # _____
____ recorded by Historic American Landscape Survey # _____

Primary location of additional data:

____ State Historic Preservation Office
____ Other State agency
____ Federal agency
____ Local government
____ University
____ Other
Name of repository: _____

Historic Resources Survey Number (if assigned): _____

10. Geographical Data

Acreage of Property 10.02 acres

Use either the UTM system or latitude/longitude coordinates

Latitude/Longitude Coordinates (decimal degrees)
Datum if other than WGS84:_____
(enter coordinates to 6 decimal places)

1. lat 34.294992° lon -116.404355°
2. lat 34.294992° lon -116.403351°
3. lat 34.291491° lon -116.403351°
4. lat 34.291491° lon -116.404355°

Or
UTM References
Datum (indicated on USGS map):

☐ NAD 1927 or ☐ NAD 1983

Verbal Boundary Description (Describe the boundaries of the property.)

The West ½ of the West ½ of the Northwest ¼ of the Northwest ¼ of Section 6, Township 2 North, Range 6 East, San Bernardino Base & Meridian, according to Official Plat thereof.

Boundary Justification (Explain why the boundaries were selected.)

The historic boundary of the single parcel containing the Integratron and all associated contributing resources.

11. Form Prepared By

name/title: Daniel D. Paul, Architectural Historian
organization: N/A
street & number: 3938 Vista Court
city or town: Glendale state: CA zip code: 91214
e-mail: danieldpaul@gmail.com
telephone: (213) 215-4161
date: November 11, 2017

Additional Documentation

Submit the following items with the completed form:

- **Maps:** A **USGS map** or equivalent (7.5 or 15 minute series) indicating the property's location.
- **Sketch map** for historic districts and properties having large acreage or numerous resources. Key all photographs to this map.
- **Additional items:** (Check with the SHPO, TPO, or FPO for any additional items.)

Photographs

Submit clear and descriptive photographs. The size of each image must be 1600x1200 pixels (minimum), 3000x2000 preferred, at 300 ppi (pixels per inch) or larger. Key all photographs to the sketch map. Each photograph must be numbered and that number must correspond to the photograph number on the photo log. For simplicity, the name of the photographer, photo date, etc. may be listed once on the photograph log and doesn't need to be labeled on every photograph.

Photo Log

Name of Property:	Integratron
City or Vicinity:	Landers
County:	San Bernardino
State:	California
Photographer:	Daniel Paul
Date Photographed:	July, 2016

Description of Photograph(s) and number, include description of view indicating direction of camera:

1 of 40. Integratron: front elevation. View: N. (CA_San Bernardino County_Integratron_0001)

2 of 40. Integratron with recent ADA ramp. View: NE. (CA_San Bernardino County_Integratron_0002)

3 of 40. Integratron with utility ladder. View: W, NW. (CA_San Bernardino County_Integratron_0003)

4 of 40. Integratron: rear elevation. View: SW. (CA_San Bernardino County_Integratron_0004)

5 of 40. Integratron with control room and lightning pole. View: NE. (CA_San Bernardino County_Integratron_0005)

6 of 40. Integratron: Wimshurst/ Moore apparatus (spinner) with dirods. View: NE. (CA_San Bernardino County_Integratron_0006)

7 of 40. Integratron: spinner and dirod detail. View: upward. (CA_San Bernardino County_Integratron_0007)

8 of 40. Integratron: spark gap. View: NE. (CA_San Bernardino County_Integratron_0008)

9 of 40. Integratron: Spark gap detail. View: N. (CA_San Bernardino County_Integratron_0009)

10 of 40. Integratron: over-apparatus bracket with missing inductor disk and missing accumulator. View: SW and downward. (CA_San Bernardino County_Integratron_0010)

11 of 40. Integratron: ca. 1973 bronze donor plaques at base. View: N. (CA_San Bernardino County_Integratron_0011)

12 of 40. Integratron: interior, ground level. View: NE. (CA_San Bernardino County_Integratron_0012)

13 of 40. Integratron: interior, ground level. View: SW. (CA_San Bernardino County_Integratron_0013)

14 of 40. Integratron: interior, dome level. View: S, SW (CA_San Bernardino County_Integratron_0014)

15 of 40. Integratron: interior, dome detail. View: S, SW. (CA_San Bernardino County_Integratron_0015)

16 of 40. Integratron: interior dome with oculus. View: W. (CA_San Bernardino County_Integratron_0016)

17 of 40. Integratron: interior dome with oculus. View: SE. (CA_San Bernardino County_Integratron_0017)

18 of 40. Integratron: oculus detail. View: upward. (CA_San Bernardino County_Integratron_0018)

19 of 40. Integratron: glulam rib detail at dome level. View: SE and upward. (CA_San Bernardino County_Integratron_0019)

20 of 40. Control room with Integratron in background. View: N, NE. (CA_San Bernardino County_Integratron_0020)

21 of 40. Workshop. View: SE. (CA_San Bernardino County_Integratron_0021)

22 of 40. Entry shaft into subterranean Humidity Control Room. View: S. (CA_San Bernardino County_Integratron_0022)

23 of 40. Humidity Control Room. View: SW. (CA_San Bernardino County_Integratron_0023)

24 of 40. Tankhouse. View: NE. (CA_San Bernardino County_Integratron_0024)

25 of 40. Bi-Polar Magnetic Detector and recent sign. View: N, NE. (CA_San Bernardino County_Integratron_0025)

26 of 40. Bi-Polar Magnetic Detector. View: NW. (CA_San Bernardino County_Integratron_0026)

27 of 40. Observatory within its setting. View: S, SE. (CA_San Bernardino County_Integratron_0027)

28 of 40. Observatory. View: S. (CA_San Bernardino County_Integratron_0028)

29 of 40. Observatory dome. View: S. (CA_San Bernardino County_Integratron_0029)

30 of 40. Observatory dome, interior. View upward. (CA_San Bernardino County_Integratron_0030)

31 of 40. Utilities Building. View: S, SE. (CA_San Bernardino County_Integratron_0031)

32 of 40. Middle portion of property from atop the Integratron. View: S. (CA_San Bernardino County_Integratron_0032)

33 of 40. Recent landscape elements. View: NW. (CA_San Bernardino County_Integratron_0033)

34 of 40. Integratron from property's middle portion. View: N. (CA_San Bernardino County_Integratron_0034)

35 of 40. Tankhouse, Integratron, parking area. View: N, NE. (CA_San Bernardino County_Integratron_0035)

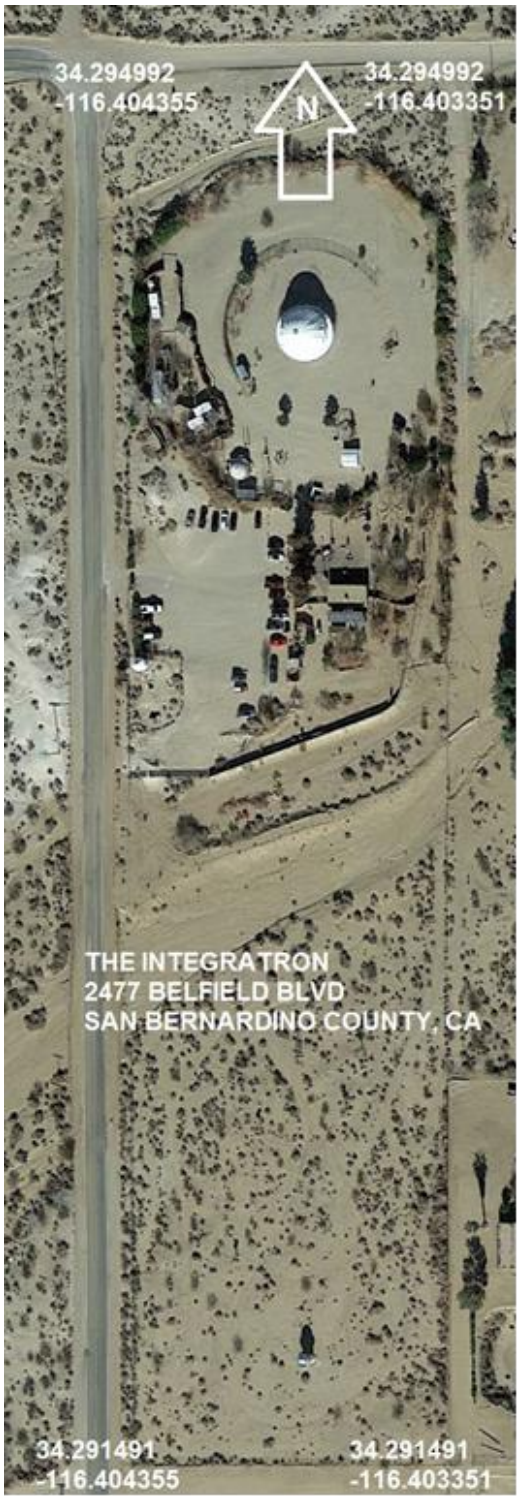
36 of 40. Fenced trailer complex at property's northwest portion. View: NW. (CA_San Bernardino County_Integratron_0036)

37 of 40. Parking areas with recent arched entryway, recent fence, and Integratron. View: N. (CA_San Bernardino County_Integratron_0037)

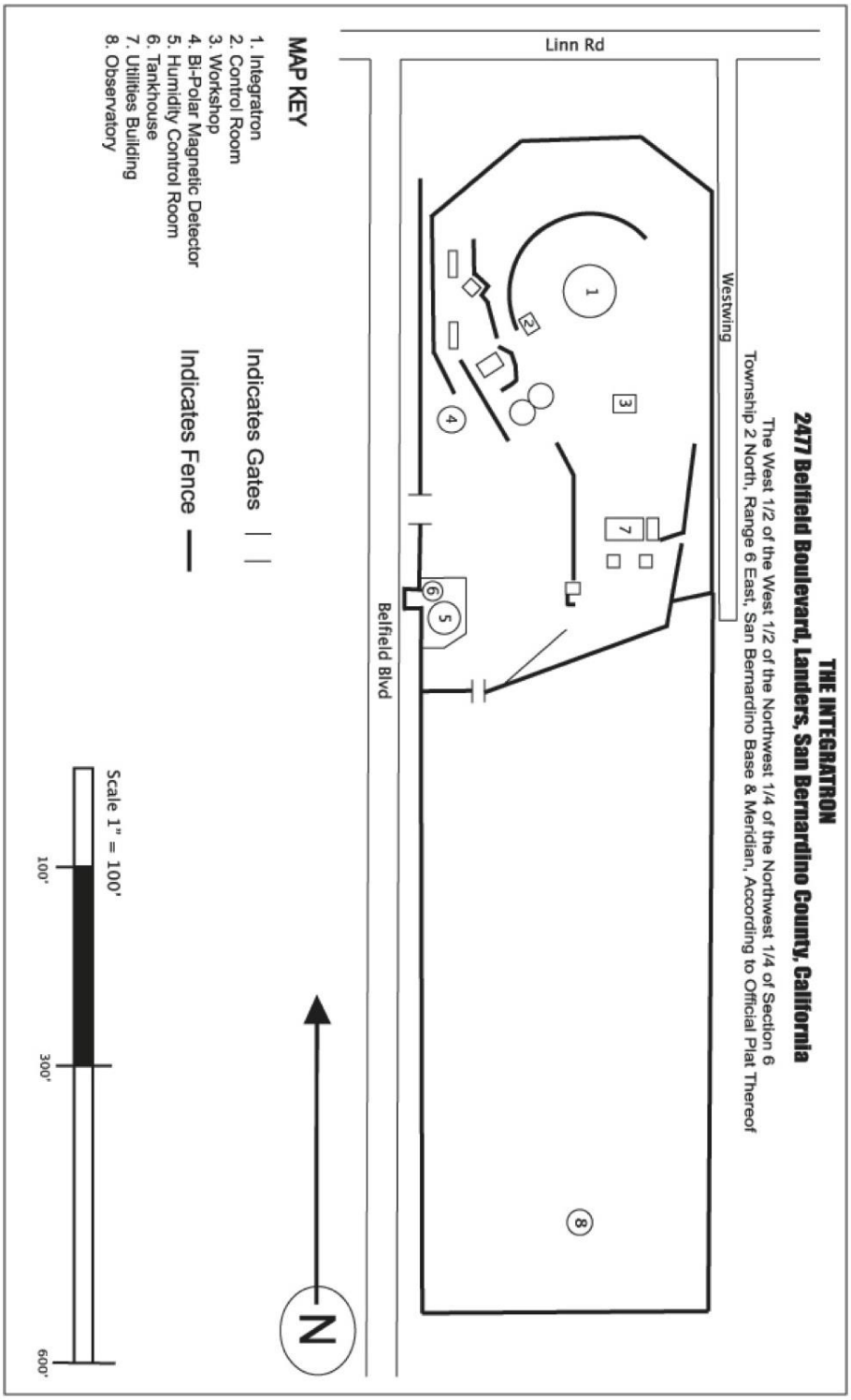
38 of 40. Integratron within its immediate, open setting. View: N, NW. (CA_San Bernardino County_Integratron_0038)

39 of 40. Integratron. View: NE. (CA_San Bernardino County_Integratron_0039)

40 of 40. Integratron within its setting. View: SW. (CA_San Bernardino County_Integratron_0040)



Site Diagram with Decimal Degrees (Image: Google Earth)


THE INTEGRATRON
2477 Belfield Boulevard, Landers, San Bernardino County, California
The West 1/2 of the West 1/2 of the Northwest 1/4 of the Northwest 1/4 of Section 6
Township 2 North, Range 6 East, San Bernardino Base & Meridian, According to Official Plat Thereof
Linn Rd
Westwing
Belfield Blvd
MAP KEY
1. Integratron
2. Control Room
3. Workshop
4. Bi-Polar Magnetic Detector
5. Humidity Control Room
6. Tankhouse
7. Utilities Building
8. Observatory
Indicates Gates
Indicates Fence
N
Scale 1" = 100'
100'
300'
600'

Integratron

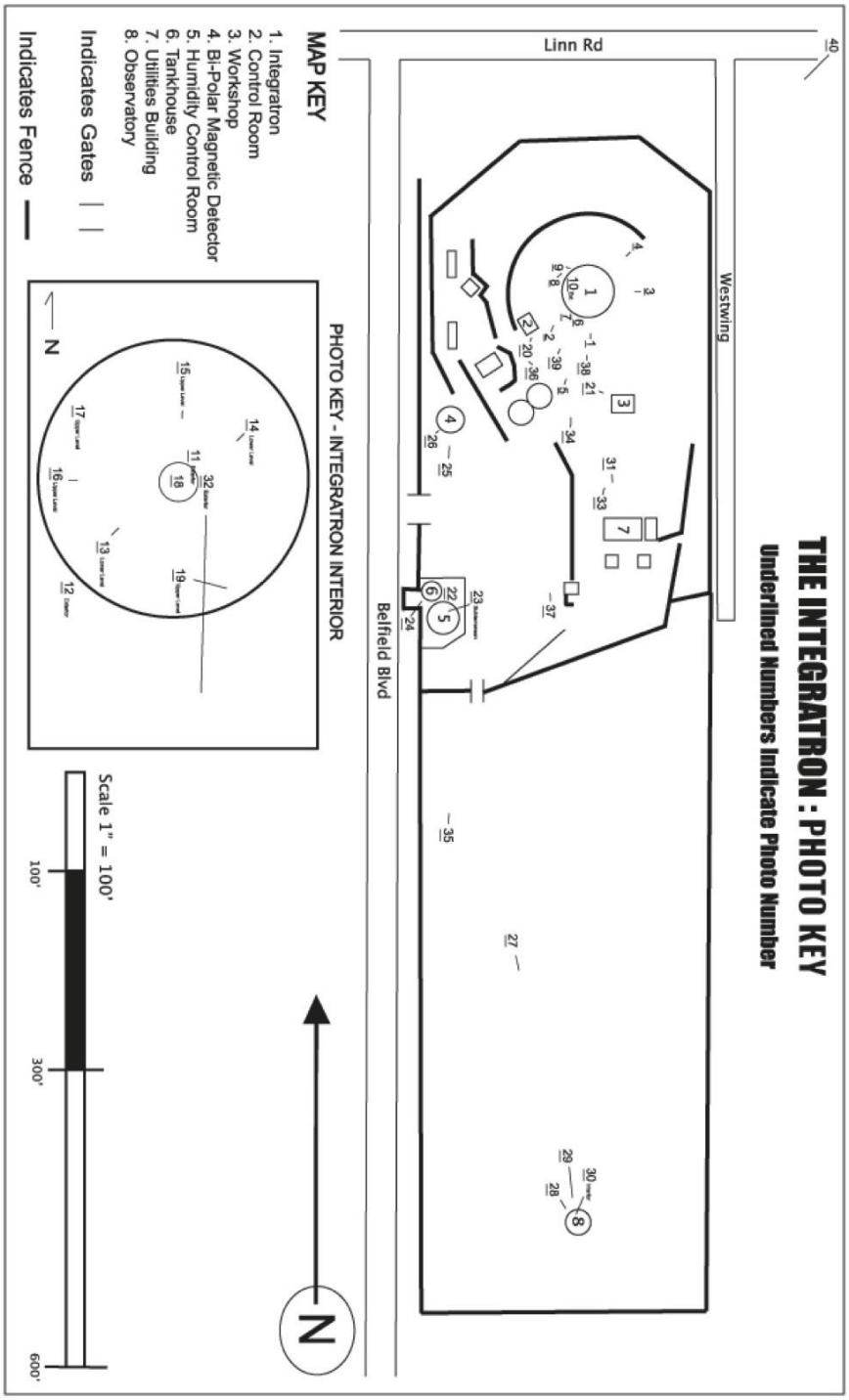
Name of Property

San Bernardino County, CA

County and State

Photo Location Key

All photo numbers are underlined, with from-number line indicating direction.



Historic Era Figures

Figure 1. Announcement by *Proceedings* editor George Van Tassel regarding the College of Universal Wisdom Research Laboratory (Integratron). *Proceedings* (June 1, 1954).

Figure 2. Uncredited (Howard P. Hess) rendering of the College of Universal Wisdom Research Laboratory. *Proceedings* (March–April 1956).

Figure 3. *Los Angeles Times* article clipping announcing the College of Universal Wisdom Research Laboratory (Integratron), June 17, 1954. Photo: Dr. J. P. Higgins.

Figure 4. The Integratron under construction with its structural system explained by George Van Tassel. View: upward from within structure. Clipping from an unknown issue of *Proceedings*, ca. 1960.

Figure 5. The Integratron under construction. Unknown issue of *Proceedings*, ca. 1960.

Figure 6. The unpainted, newly completed Integratron. *Proceedings* (May–June 1960).

Figure 7. George Van Tassel, and the newly completed Integratron, 1960. *Miami News*, March 27, 1960. Photographer unknown.

Figure 8. George Van Tassel with the Integratron's ground level column. *San Bernardino County Sun*, June 17, 1963. Photo: *Sun-Telegram*.

Figure 9. George Van Tassel interviewed on the television show *Webster Reports* (Vancouver, BC), June 18, 1964.

Figure 10. The cover of George Van Tassel's book *I Rode a Flying Saucer: The Mystery of the Flying Saucers Revealed* (1952).

Figure 11. *Proceedings* (October 1954) table of contents.

Figure 12. *Proceedings* (July 1955) cover indicating Van Tassel's belief in biblical aliens, also referred to as "Paleo-Seti," or the "Ancient Astronaut" theory.

Figure 13. Diagram (detail) by George Van Tassel depicting "The Seven Life Strata." *Proceedings* (December 15, 1953).

Figure 14. Diagram (detail) by George Van Tassel explaining the one universal principle of life. *Proceedings* (October 1954).

Figure 15. Diagram by George Van Tassel explaining "Densities"—levels through which creation progresses. *Proceedings* (February 1955).

Figure 16. "Korton's Message." *Proceedings* (September 15, 1954).

Figure 17. Questions answered by Noot. *Proceedings* (September 15, 1954).

Figure 18. "Desca on Manifestation." *Proceedings* (October 1954).

Figure 19. Announcement for First Interplanetary Spacecraft Convention. *Proceedings* (April 1, 1954).

Figure 20. *Life* magazine article (detail) about George Van Tassel's Interplanetary Spacecraft Convention, May 27, 1957. Giant Rock is at the left. Photo: Ralph Crane.

Figure 21. Alien contactee Daniel Fry and George Van Tassel (right) overlooking the 1959 Interplanetary Spacecraft Convention. *San Bernardino Sun*, May 26, 1959. Photo: Hal Heywood.

Figure 22. George and Eva Van Tassel in front of the Come On Inn café, which he built adjacent to Giant Rock, ca. 1955. Photo courtesy of the Integratron.

Figure 23. Undated photo of Eva Van Tassel with model of the Integratron, selling postcards at an Interplanetary Spacecraft Convention. Photo courtesy of the Integratron.

Figure 24. Unidentified person in the Van Tassel family's living space beneath Giant Rock, ca. 1956. Notice UFO painting at the left. Photo courtesy of the Integratron.

Figure 25. Giant Rock in 2016, which split in the year 2000. View: N, NW. Photo: Daniel Paul, July 2016.

Figure 26. Memo page from George Van Tassel's FBI File, wherein he explains to the agent about his space men visitation, November 26, 1954.

Figure 27. Memorandum from J. Edgar Hoover to Chief of Secret Service (James Joseph Rawley) regarding George Van Tassel, April 9, 1965.

Figure 28. Integratron from the air. Photograph: Kenny Bradshaw and Bradshaw's unnamed father. *Proceedings* (July–September 1976).

Figure 29. Under-apparatus bracket with inductor disc and accumulator. *Proceedings* (January–March 1977).

Figure 30. Dirod and over-apparatus collector comb, disc and accumulator. *Proceedings* (January–March 1977).

Figure 31. Bi-Polar Antenna (Bi-Polar Magnetic Detector). View: NE. *Proceedings* (January–March 1975).

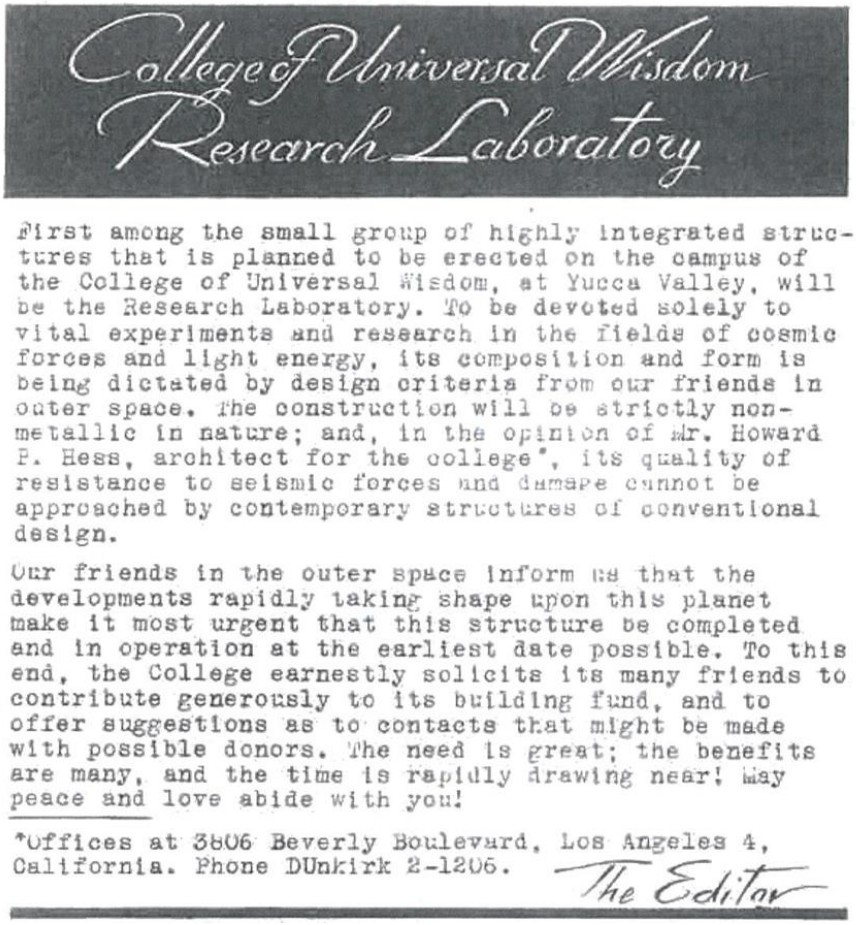
Figure 32. 35mm image of Integratron, ca. 1977. Machinery visible in front of structure was removed immediately after George Van Tassel's passing. View: E.

Figure 33. The glue-laminated Hughes HK-1/H-4 Hercules (Spruce Goose) fuselage construction. Photo: Bettmann.

Figure 34. Integratron dome level interior. Photo: Daniel Paul, July 2016.

Figure 35. George Van Tassel, 1910–1978. *Proceedings* (April–June 1978).

Figure 36. Back cover (detail) of George Van Tassel's book *When Stars Look Down* (1976). Design: Bob Benson.



College of Universal Wisdom
Research Laboratory

First among the small group of highly integrated structures that is planned to be erected on the campus of the College of Universal Wisdom, at Yucca Valley, will be the Research Laboratory. To be devoted solely to vital experiments and research in the fields of cosmic forces and light energy, its composition and form is being dictated by design criteria from our friends in outer space. The construction will be strictly non-metallic in nature; and, in the opinion of Mr. Howard P. Hess, architect for the college*, its quality of resistance to seismic forces and damage cannot be approached by contemporary structures of conventional design.

Our friends in the outer space inform us that the developments rapidly taking shape upon this planet make it most urgent that this structure be completed and in operation at the earliest date possible. To this end, the College earnestly solicits its many friends to contribute generously to its building fund, and to offer suggestions as to contacts that might be made with possible donors. The need is great; the benefits are many, and the time is rapidly drawing near! May peace and love abide with you!

*Offices at 3806 Beverly Boulevard, Los Angeles 4, California. Phone DUnkirk 2-1206. The Editor

Figure 1. Announcement by *Proceedings* editor George Van Tassel regarding the College of Universal Wisdom Research Laboratory (Integratron). *Proceedings* (June 1, 1954).

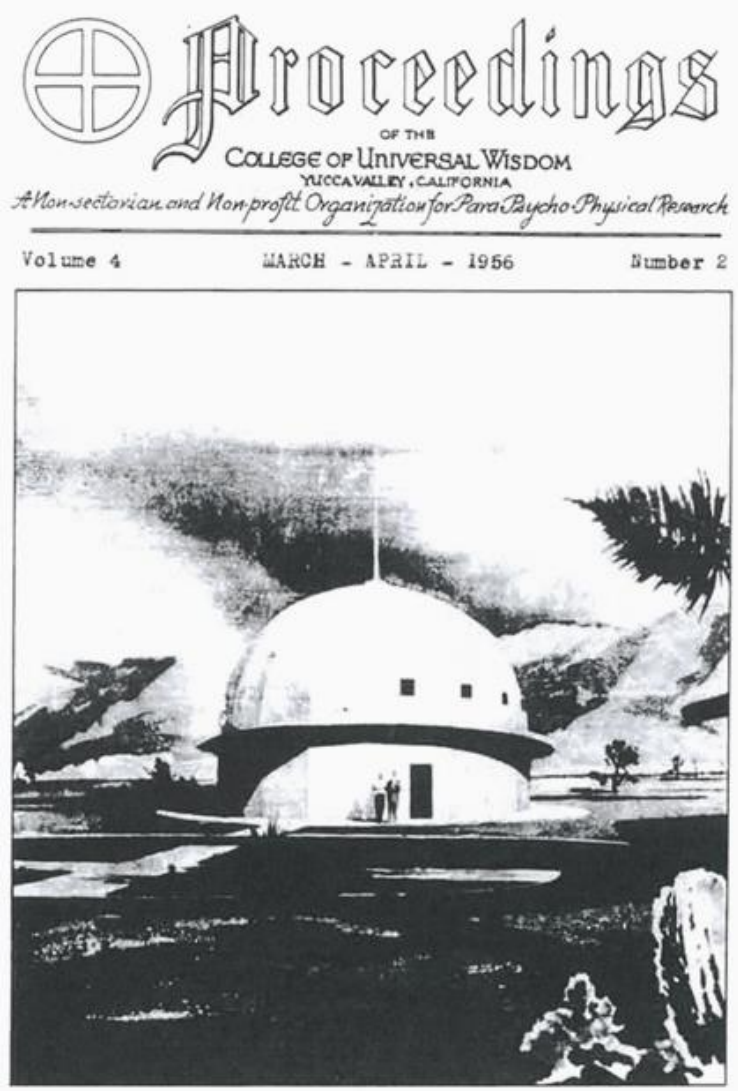
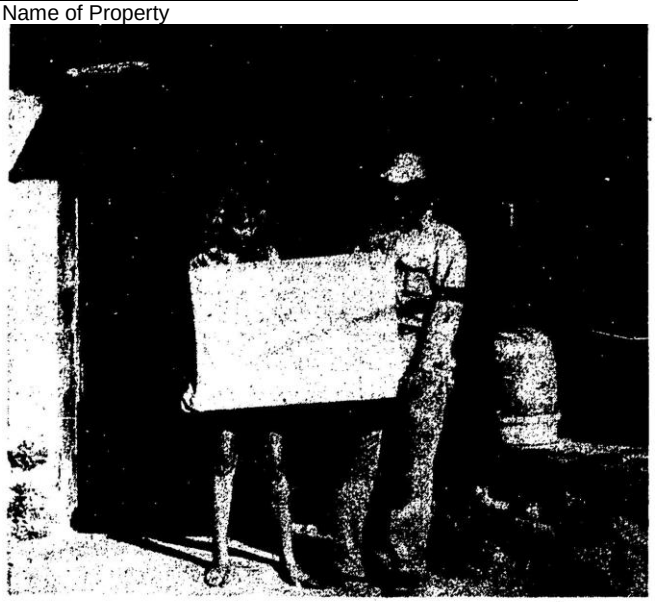


Figure 2. Uncredited (Howard P. Hess) rendering of the College of Universal Wisdom Research Laboratory. *Proceedings* (March–April 1956).



AIRPORT OPERATOR—George Van Tassel with his daughter, Sandra Lee. Van Tassel declares thousands of people from outer space speak to the world through him.
Dr. J. P. Higgins photo

Plans for 'Out of This World' Laboratory in Desert Disclosed

BY ED AINSWORTH

"Our friends in outer space" now are "dictating" building plans for us earthlings.

The first structure is planned on a site close to California's oddest airport.

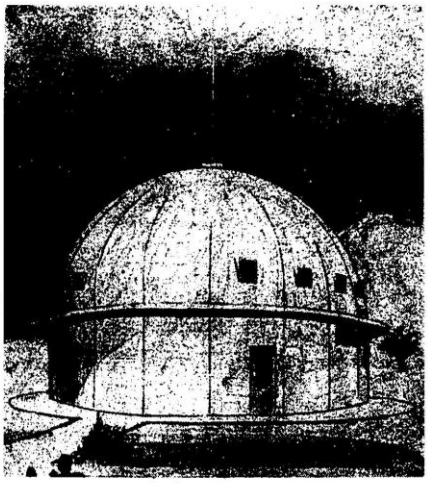
Architecturally, it will be "out of this world."

These disclosures piled up yesterday as the climax to a fantastic series of events at Giant Rock Airport, 16 miles north of Joshua Tree in the desert country between Twentynine Palms and Victorville.

Convention Held There

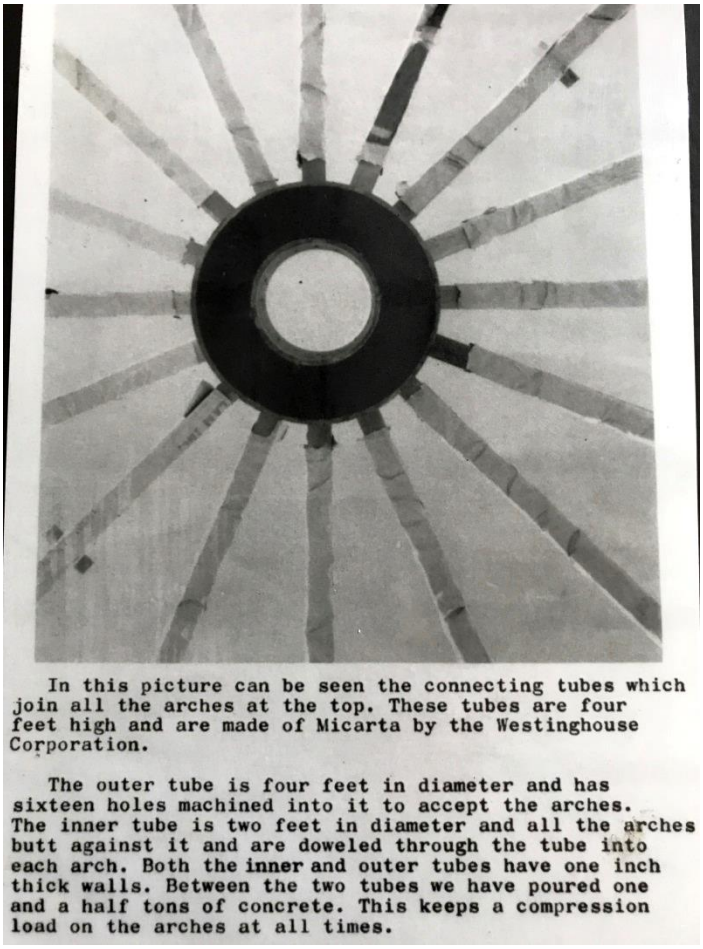
Authority for the latest announcement is the operator of the airport, George W. Van Tassel, who in April conducted an international convention for space ship enthusiasts and attracted some 2500 persons to his desert headquarters.

It's all part of the proceedings of Van Tassel's College of Universal Wisdom, which professedly talks to space people all over. These residents of other life levels, it is stated, flit around in space ships equipped with nullifiers, appli-



FROM OUTER SPACE—Airport Operator George Van Tassel insists this building was designed in outer space.

Figure 3. *Los Angeles Times* article clipping announcing the College of Universal Wisdom Research Laboratory (Integratron), June 17, 1954. Photo: Dr. J. P. Higgins.



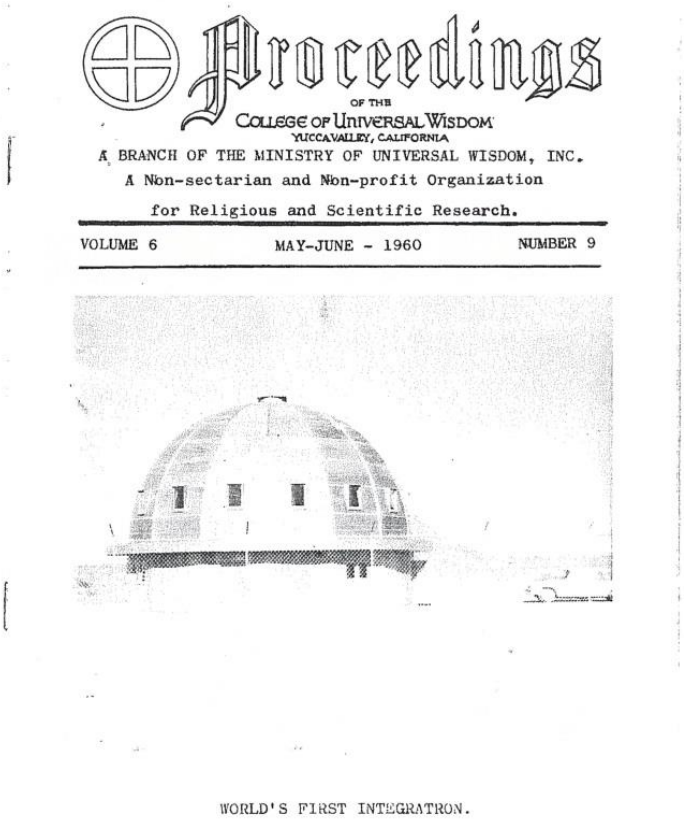
In this picture can be seen the connecting tubes which join all the arches at the top. These tubes are four feet high and are made of Micarta by the Westinghouse Corporation.

The outer tube is four feet in diameter and has sixteen holes machined into it to accept the arches. The inner tube is two feet in diameter and all the arches butt against it and are doweled through the tube into each arch. Both the inner and outer tubes have one inch thick walls. Between the two tubes we have poured one and a half tons of concrete. This keeps a compression load on the arches at all times.

Figure 4: The Integratron under construction with its structural system explained by George Van Tassel. View: upward from within structure. Clipping from an unknown issue of *Proceedings*, ca. 1960.

The above picture shows the beginning of the dome enclosure. This is an inside view taken from the second floor. There will be a window in each of the sixteen bays between the arches. This is the stage of progress as of Dec. 20, 1959.

Figure 5. The Integratron under construction. Unknown issue of *Proceedings*, ca. 1960.



Proceedings
OF THE
COLLEGE OF UNIVERSAL WISDOM
YUCCA VALLEY, CALIFORNIA
A BRANCH OF THE MINISTRY OF UNIVERSAL WISDOM, INC.
A Non-sectarian and Non-profit Organization
for Religious and Scientific Research.
VOLUME 6 MAY-JUNE - 1960 NUMBER 9

WORLD'S FIRST INTEGRATRON.

Figure 6. The unpainted, newly completed Integratron. *Proceedings* (May–June 1960).

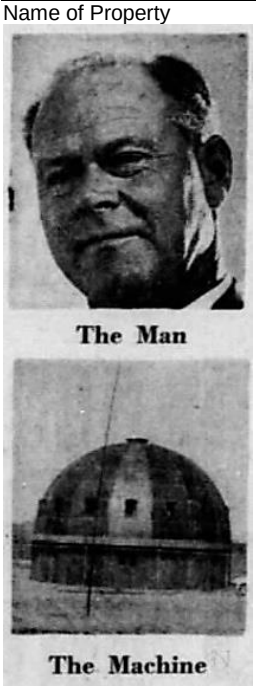


Figure 7. George Van Tassel, and the newly completed Integratron, 1960. *Miami News*, March 27, 1960. Photographer unknown.

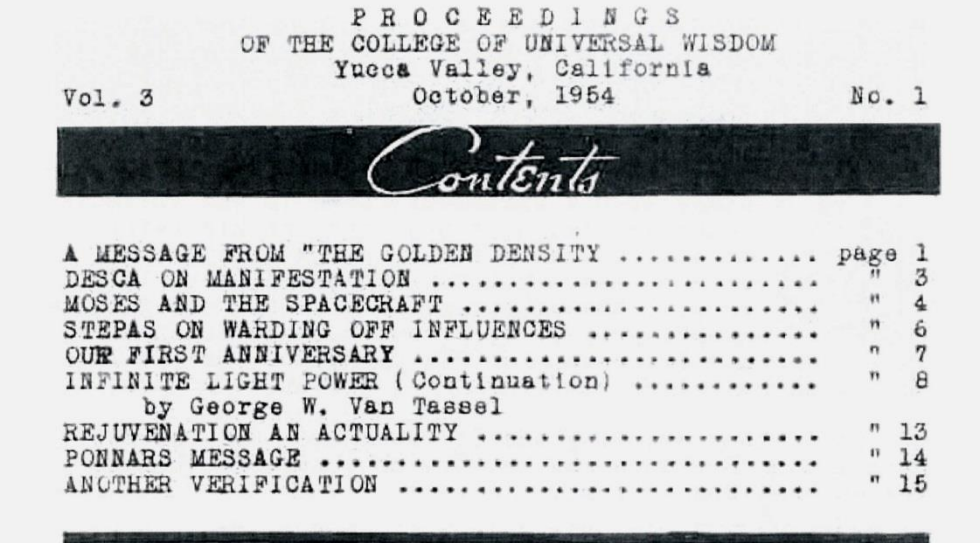
(Sun-Telegram photo)

POWER PILLAR — George W. Van Tassel looks over the pillar in the interior of his integratron. He believes this area, when wound with the proper coils, will have great power. One side may recharge the body like a battery. Of the other, he said he does not know the extent of the dangers, but hints it could reduce a human to nothing with its power "field."

Figure 8. George Van Tassel with the Integratron's ground level column. *San Bernardino County Sun*, June 17, 1963. Photo: *Sun-Telegram*.

Figure 9. George Van Tassel interviewed on the television show *Webster Reports* (Vancouver, BC), June 18, 1964.

Figure 10. The cover of George Van Tassel's book *I Rode a Flying Saucer: The Mystery of the Flying Saucers Revealed* (1952).

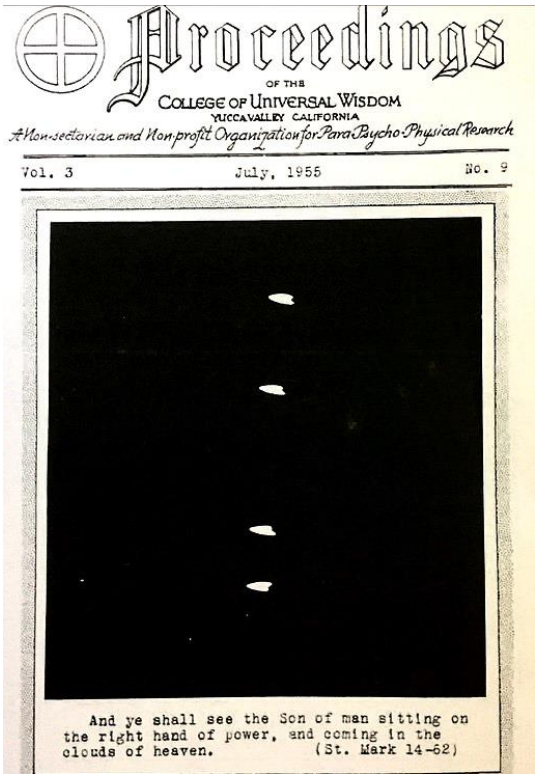


P R O C E E D I N G S
OF THE COLLEGE OF UNIVERSAL WISDOM
Yucca Valley, California
Vol. 3 October, 1954 No. 1

Contents

A MESSAGE FROM "THE GOLDEN DENSITY ..... page 1
DESCA ON MANIFESTATION ..... " 3
MOSES AND THE SPACECRAFT ..... " 4
STEPAS ON WARDING OFF INFLUENCES ..... " 6
OUR FIRST ANNIVERSARY ..... " 7
INFINITE LIGHT POWER (Continuation) ..... " 8
by George W. Van Tassel
REJUVENATION AN ACTUALITY ..... " 13
PONNARS MESSAGE ..... " 14
ANOTHER VERIFICATION ..... " 15

Figure 11. *Proceedings* (October 1954) table of contents.



Proceedings
OF THE
COLLEGE OF UNIVERSAL WISDOM
YUCCA VALLEY CALIFORNIA
A Non-sectarian and Non-profit Organization for Para-Psycho-Physical Research
Vol. 3 July, 1955 No. 9

And ye shall see the Son of man sitting on the right hand of power, and coming in the clouds of heaven. (St. Mark 14-62)

Figure 12. *Proceedings* (July 1955) cover indicating Van Tassel's belief in biblical aliens, also referred to as "Paleo-Seti," or the "Ancient Astronaut" theory.

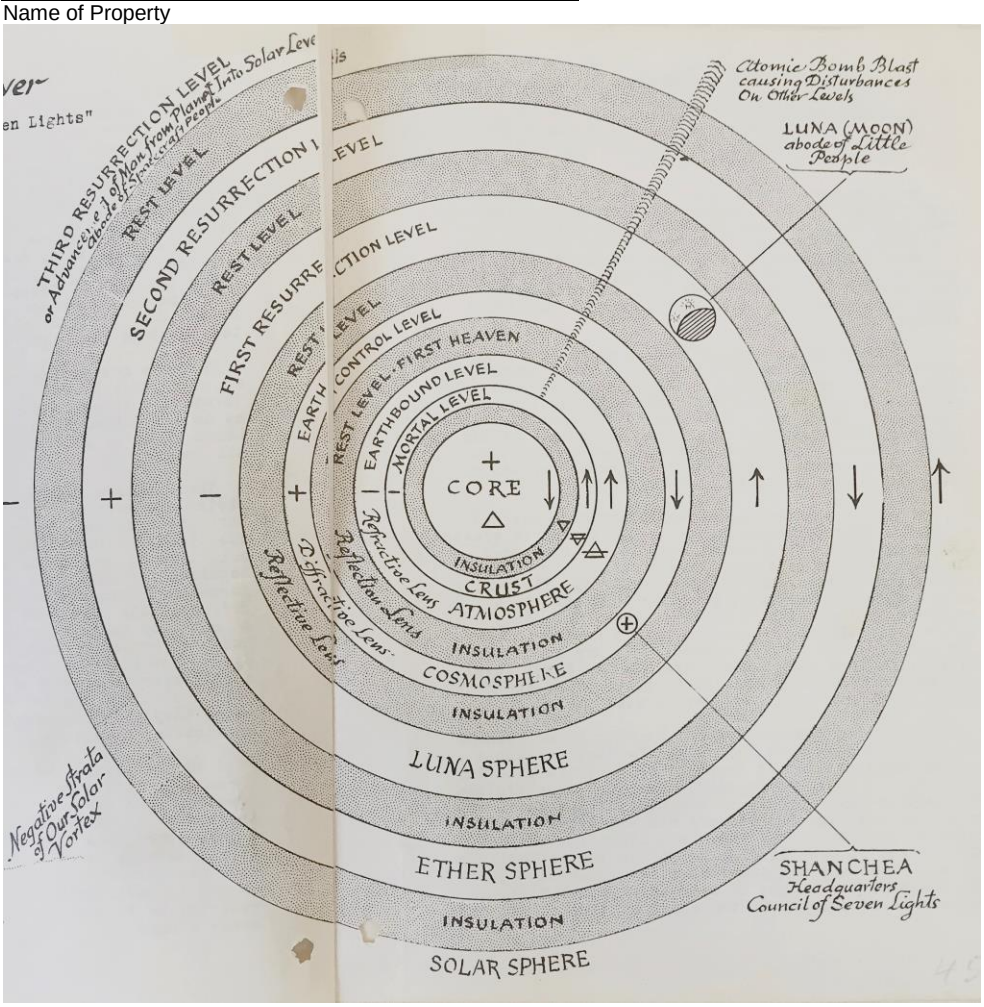


Figure 13. Diagram by George Van Tassel depicting "The Seven Life Strata." *Proceedings* (December 15, 1953).

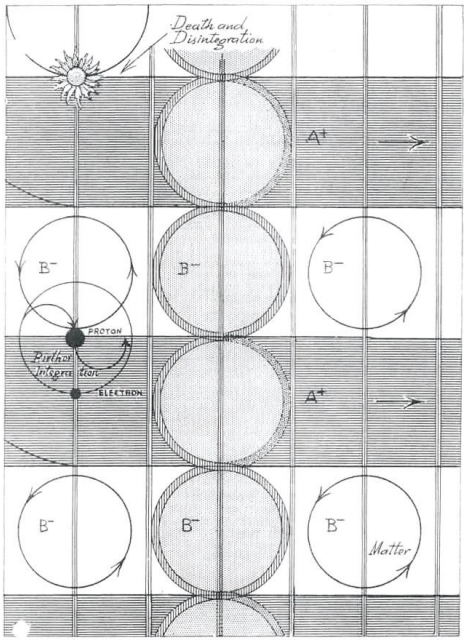


Figure 14. Diagram (detail) by George Van Tassel explaining the one universal principle of life. *Proceedings* (October 1954).

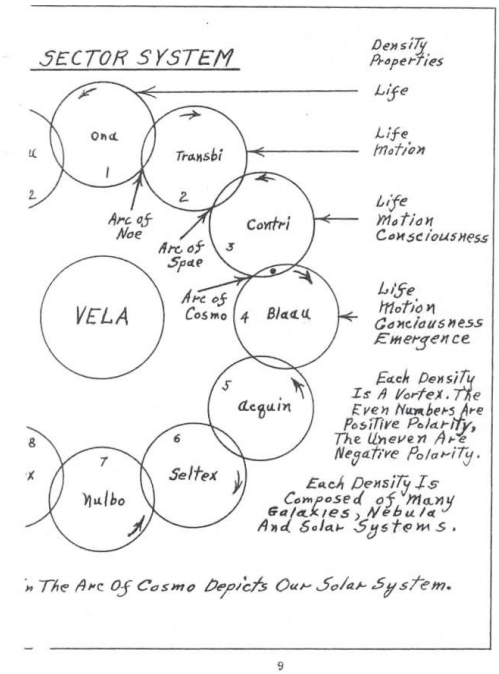
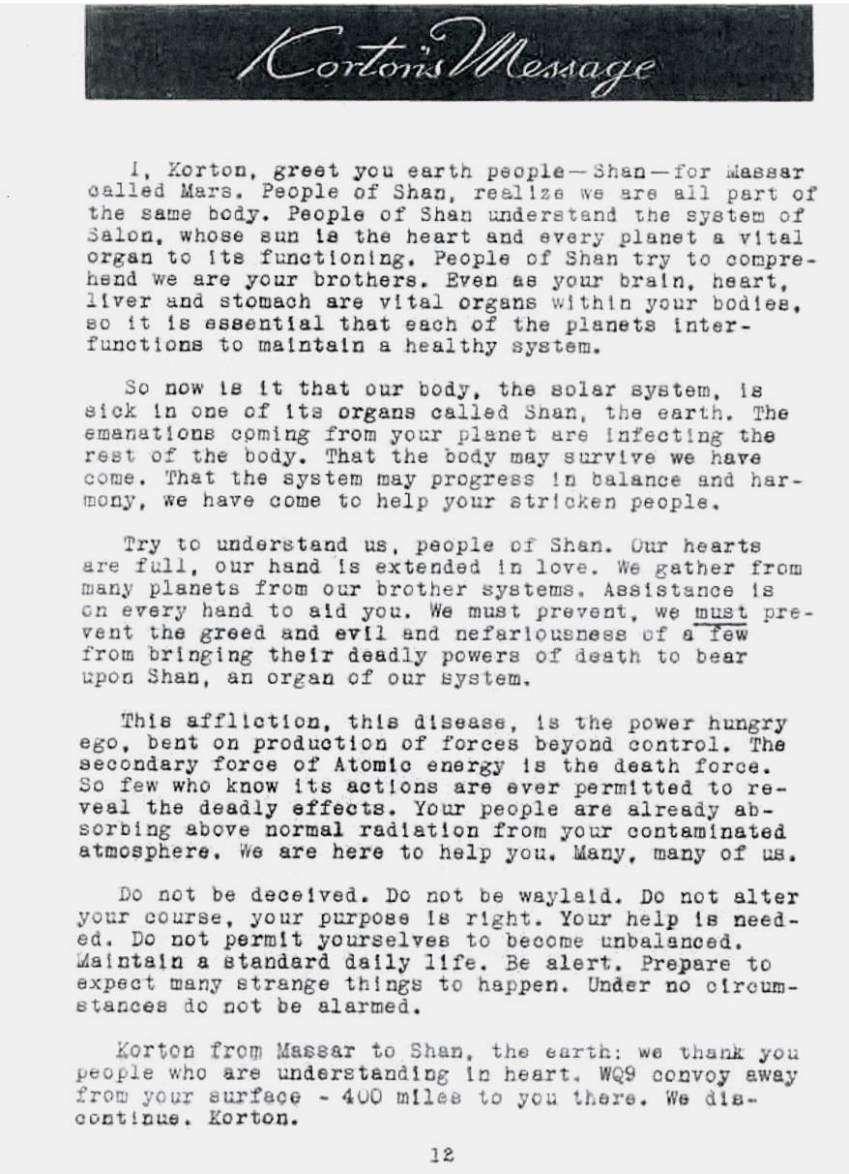


Figure 15. Diagram by George Van Tassel explaining "Densities"—levels through which creation progresses. *Proceedings* (February 1955).



Korton's Message

I, Korton, greet you earth people—Shan—for Massar called Mars. People of Shan, realize we are all part of the same body. People of Shan understand the system of Salon, whose sun is the heart and every planet a vital organ to its functioning. People of Shan try to comprehend we are your brothers. Even as your brain, heart, liver and stomach are vital organs within your bodies, so it is essential that each of the planets interfunctions to maintain a healthy system.

So now is it that our body, the solar system, is sick in one of its organs called Shan, the earth. The emanations coming from your planet are infecting the rest of the body. That the body may survive we have come. That the system may progress in balance and harmony, we have come to help your stricken people.

Try to understand us, people of Shan. Our hearts are full, our hand is extended in love. We gather from many planets from our brother systems. Assistance is on every hand to aid you. We must prevent, we must prevent the greed and evil and nefariousness of a few from bringing their deadly powers of death to bear upon Shan, an organ of our system.

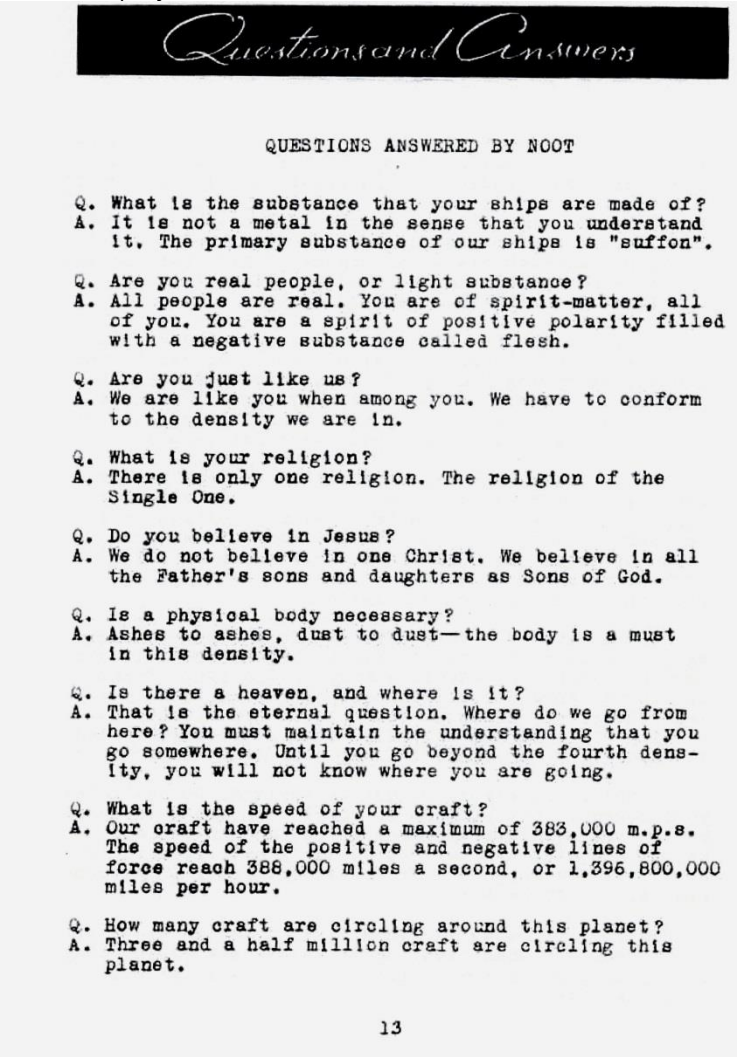
This affliction, this disease, is the power hungry ego, bent on production of forces beyond control. The secondary force of Atomic energy is the death force. So few who know its actions are ever permitted to reveal the deadly effects. Your people are already absorbing above normal radiation from your contaminated atmosphere. We are here to help you. Many, many of us.

Do not be deceived. Do not be waylaid. Do not alter your course, your purpose is right. Your help is needed. Do not permit yourselves to become unbalanced. Maintain a standard daily life. Be alert. Prepare to expect many strange things to happen. Under no circumstances do not be alarmed.

Korton from Massar to Shan, the earth: we thank you people who are understanding in heart. WQ9 convoy away from your surface - 400 miles to you there. We discontinue. Korton.

12

Figure 16. "Korton's Message." *Proceedings* (September 15, 1954).



Questions and Answers

QUESTIONS ANSWERED BY NOOT

Q. What is the substance that your ships are made of?
A. It is not a metal in the sense that you understand it. The primary substance of our ships is "suffon".

Q. Are you real people, or light substance?
A. All people are real. You are of spirit-matter, all of you. You are a spirit of positive polarity filled with a negative substance called flesh.

Q. Are you just like us?
A. We are like you when among you. We have to conform to the density we are in.

Q. What is your religion?
A. There is only one religion. The religion of the Single One.

Q. Do you believe in Jesus?
A. We do not believe in one Christ. We believe in all the Father's sons and daughters as Sons of God.

Q. Is a physical body necessary?
A. Ashes to ashes, dust to dust—the body is a must in this density.

Q. Is there a heaven, and where is it?
A. That is the eternal question. Where do we go from here? You must maintain the understanding that you go somewhere. Until you go beyond the fourth density, you will not know where you are going.

Q. What is the speed of your craft?
A. Our craft have reached a maximum of 383,000 m.p.s. The speed of the positive and negative lines of force reach 388,000 miles a second, or 1,396,800,000 miles per hour.

Q. How many craft are circling around this planet?
A. Three and a half million craft are circling this planet.

13

Figure 17. Questions answered by Noot. *Proceedings* (September 15, 1954).

Desca On Manifestation

GOD is Love! How can you be brought to understand such a statement? Love is the infinite boundless image of God. Through His Being — love — God thought all things into being; brought about all His Creations. Gave life to billions of forms. In six days God finished His work of Creation; not six earth days, not six eons, but six cycles of eons, called days that you might comprehend six different actions.

Then, after creating man in His image, God rested. When all of His universe was put into motion, then He rested. And God is rest.

God manifests all His doings through His images of creation. Everything you do, God experiences. Everything you say — when you express hatred, fear, love or critizism, peace, action or any other expression — He is the unseen recorder, companion, receiver and transmitter. Through you He manifests. Through an ant He moves a grain of sand. Through a pet He shows love. Through a breeze He cools and through man He gave dominion to choose. If you choose to hate, the expression is felt by God. If you are afraid, He feels the fear you express. If you talk in glorious words, and do not follow the glorious words with action, you have manifested nothing but vainglory, that fades away.

Only action lives in God, and God lives only in action. You are the instruments through which He can express Himself in doing. Through His being you live. But He can live in you only with your consent. When God digs a ditch, man digs it for Him. When God helps one in need it is only through another that He may express this help in action. God does not reach down with invisible hands and move a rock, but through the instruments He created for manifesting His actions — a man can move a rock for Him and in Him and with Him.

Words are worthless unless they bring results in action. Talking never did anything at anytime, anywhere; but it triggers the action. The action performs the act. In many, many levels of life, man manifests God's doings. None in any level are qualified to judge another in the same level or any other level of life. Only the Creative Spirit can judge.

3

Figure 18. "Desca on Manifestation." *Proceedings* (October 1954).

FIRST INTERPLANETARY
SPACECRAFT CONVENTION
AT GIANT ROCK INTERPLANETARY AIRPORT
17 mi. North of Yucca Valley, California
Sunday April 4th 1954
SPEECHES AND DISCUSSIONS
PICNIC
Bring Your Own Food and Refreshments
Our Restaurant Will Be Closed
You can assist us in spreading the ageless Wisdom of our Interplanetary Friends by mailing this copy of the Proceedings to some one who is interested in this New Age Science or mail it to your nearest Public Library.
7

Figure 19. Announcement for First Interplanetary Spacecraft Convention. *Proceedings* (April 1, 1954).

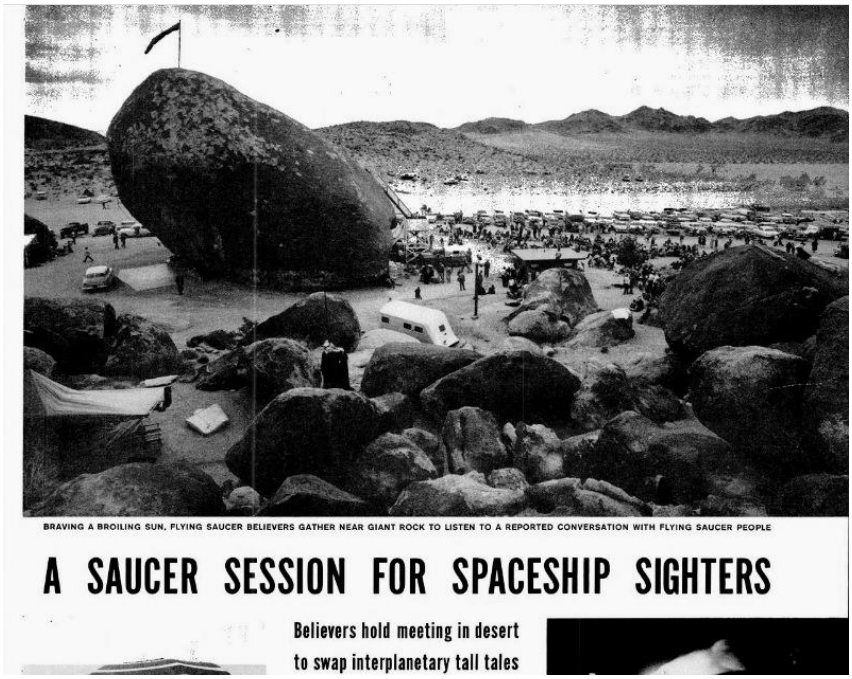

BRAVING A BROILING SUN, FLYING SAUCER BELIEVERS GATHER NEAR GIANT ROCK TO LISTEN TO A REPORTED CONVERSATION WITH FLYING SAUCER PEOPLE
A SAUCER SESSION FOR SPACESHIP SIGHTERS
Believers hold meeting in desert to swap interplanetary tall tales

Figure 20. *Life* magazine article (detail) about George Van Tassel's Interplanetary Spacecraft Convention, May 27, 1957. Giant Rock is at the left. Photo: Ralph Crane.

Figure 21. Alien contactee Daniel Fry and George Van Tassel (right) overlooking the 1959 Interplanetary Spacecraft Convention. *San Bernardino Sun*, May 26, 1959. Photo: Hal Heywood.

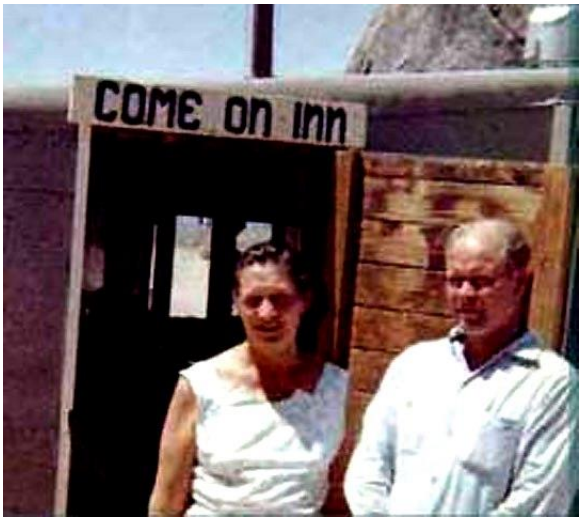
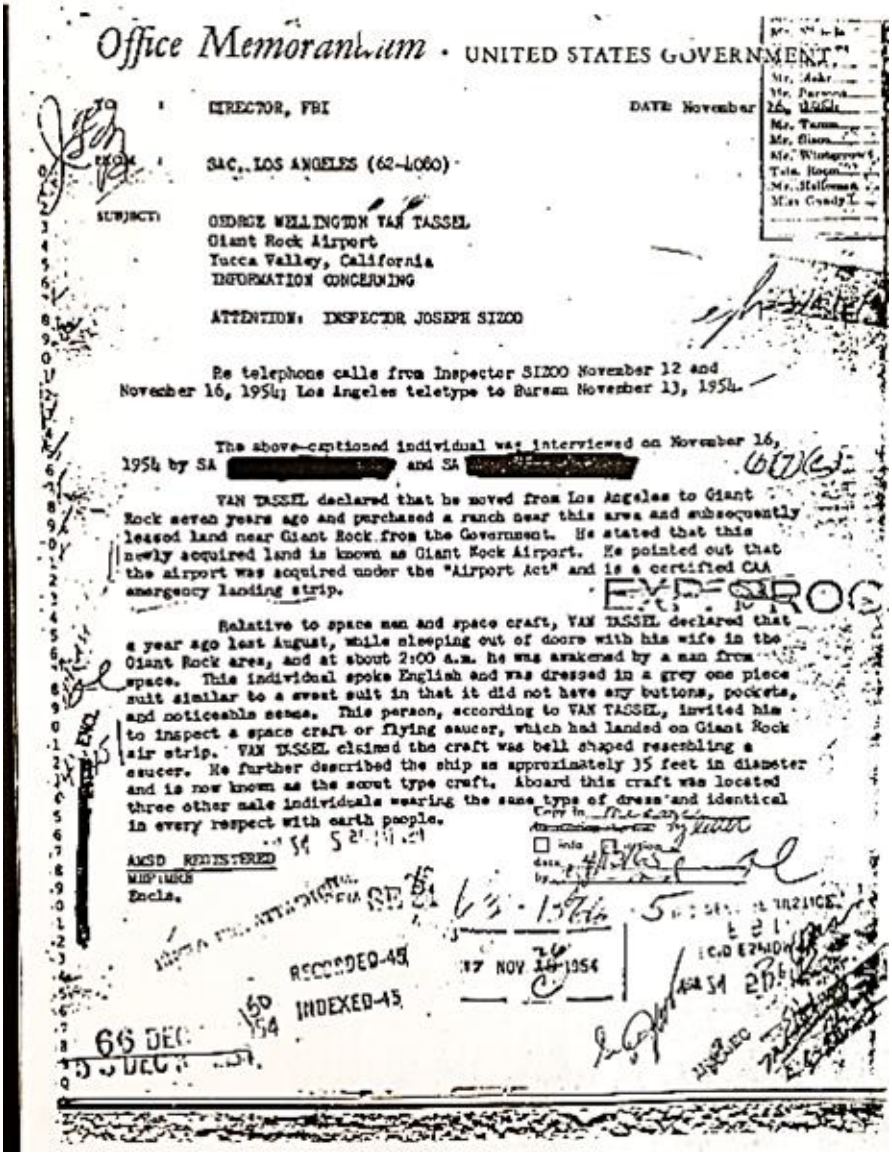


Figure 22. George and Eva Van Tassel in front of the Come On Inn café, which Van Tassel built adjacent to Giant Rock, ca. 1955. Photo courtesy of the Integratron.

Figure 23. Undated photo of Eva Van Tassel with model of the Integratron and postcards at an Interplanetary Spacecraft Convention. Photo courtesy of the Integratron.

Figure 24. Unidentified person in the Van Tassel family's living space beneath Giant Rock, ca. 1956. Notice UFO painting at the left. Photo courtesy of the Integratron.

Figure 25. Giant Rock in 2016, which split in the year 2000. View: N, NW. Photo: Daniel Paul, July 2016.



Office Memorandum · UNITED STATES GOVERNMENT

TO: DIRECTOR, FBI DATE: November 26, 1954

FROM: SAC, LOS ANGELES (62-4060)

SUBJECT: GEORGE WELLINGTON VAN TASSEL
Giant Rock Airport
Yucca Valley, California
INFORMATION CONCERNING

ATTENTION: INSPECTOR JOSEPH SIZOO

Re telephone calls from Inspector SIZOO November 12 and November 16, 1954; Los Angeles teletype to Bureau November 13, 1954.

The above-captioned individual was interviewed on November 16, 1954 by SA [redacted] and SA [redacted]

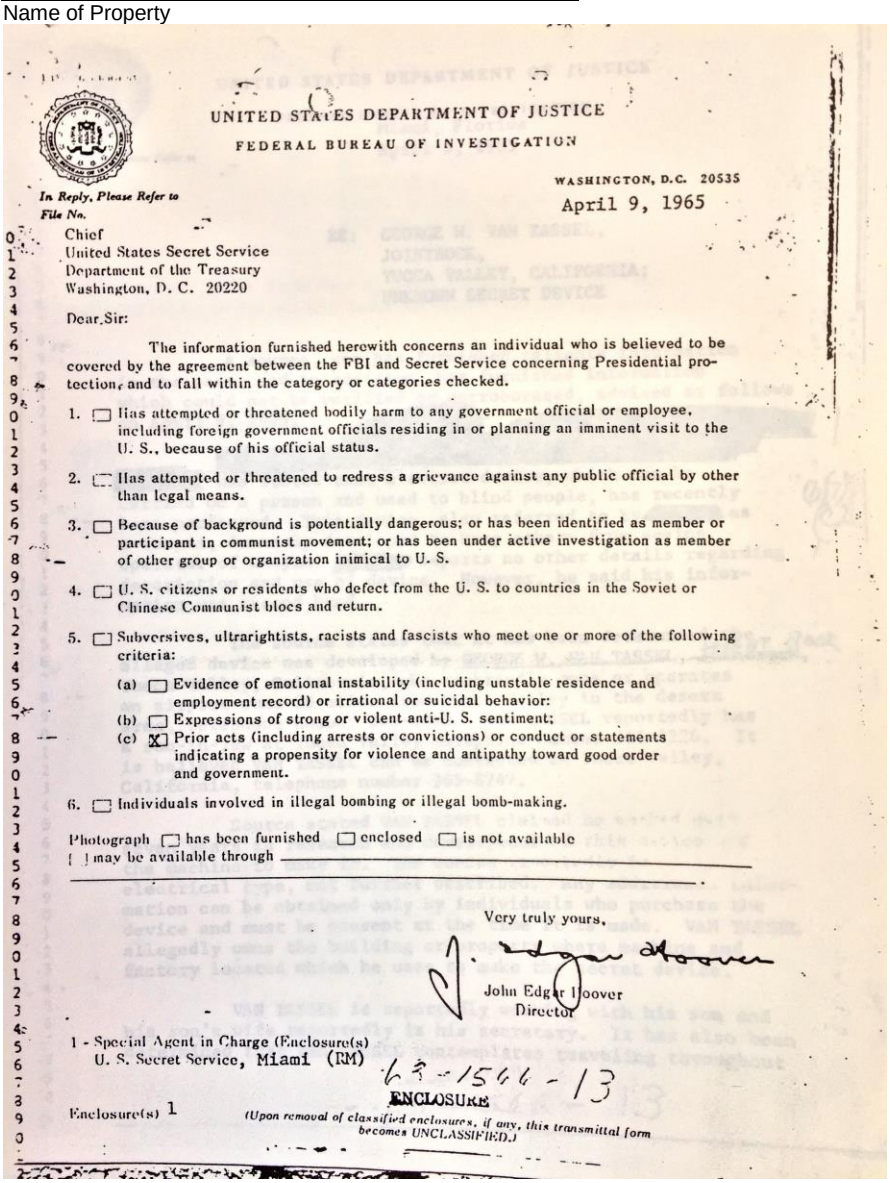
VAN TASSEL declared that he moved from Los Angeles to Giant Rock seven years ago and purchased a ranch near this area and subsequently leased land near Giant Rock from the Government. He stated that this newly acquired land is known as Giant Rock Airport. He pointed out that the airport was acquired under the "Airport Act" and is a certified CAA emergency landing strip.

Relative to space men and space craft, VAN TASSEL declared that a year ago last August, while sleeping out of doors with his wife in the Giant Rock area, and at about 2:00 a.m. he was awakened by a man from space. This individual spoke English and was dressed in a grey one piece suit similar to a sweat suit in that it did not have any buttons, pockets, and noticeable seams. This person, according to VAN TASSEL, invited him to inspect a space craft or flying saucer, which had landed on Giant Rock air strip. VAN TASSEL claimed the craft was bell shaped resembling a saucer. He further described the ship as approximately 35 feet in diameter and is now known as the scout type craft. Aboard this craft was located three other male individuals wearing the same type of dress and identical in every respect with earth people.

AMSD REGISTERED
WHP:lmcb
Encls.

RECORDED-45 17 NOV 1954
INDEXED-45
66 DEC

Figure 26. Memo page from George Van Tassel's FBI File, wherein Van Tassel explains to the agent about the space men, November 26, 1954.



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON, D.C. 20535
April 9, 1965

In Reply, Please Refer to
File No.

Chief
United States Secret Service
Department of the Treasury
Washington, D. C. 20220

Dear Sir:

The information furnished herewith concerns an individual who is believed to be covered by the agreement between the FBI and Secret Service concerning Presidential protection, and to fall within the category or categories checked.

1. ☐ Has attempted or threatened bodily harm to any government official or employee, including foreign government officials residing in or planning an imminent visit to the U. S., because of his official status.

2. ☐ Has attempted or threatened to redress a grievance against any public official by other than legal means.

3. ☐ Because of background is potentially dangerous; or has been identified as member or participant in communist movement; or has been under active investigation as member of other group or organization inimical to U. S.

4. ☐ U. S. citizens or residents who defect from the U. S. to countries in the Soviet or Chinese Communist blocs and return.

5. ☐ Subversives, ultrarightists, racists and fascists who meet one or more of the following criteria:

   (a) ☐ Evidence of emotional instability (including unstable residence and employment record) or irrational or suicidal behavior:
   (b) ☐ Expressions of strong or violent anti-U. S. sentiment;
   (c) ☒ Prior acts (including arrests or convictions) or conduct or statements indicating a propensity for violence and antipathy toward good order and government.

6. ☐ Individuals involved in illegal bombing or illegal bomb-making.

Photograph ☐ has been furnished ☐ enclosed ☐ is not available
[ ] may be available through _____

Very truly yours,

J. Edgar Hoover

John Edgar Hoover
Director

1 - Special Agent in Charge (Enclosure(s))
U. S. Secret Service, Miami (RM)

62-1566-13

ENCLOSURE

Enclosure(s) 1

(Upon removal of classified enclosures, if any, this transmittal form becomes UNCLASSIFIED.)

Figure 27. Memorandum from J. Edgar Hoover to Chief of Secret Service (James Joseph Rawley) regarding George Van Tassel, April 9, 1965.

Recent pictures of the "Integratron", taken from the air by associate Kenny Bradshaw from a plane piloted by his father, are on the front page and this page of the "Proceedings".

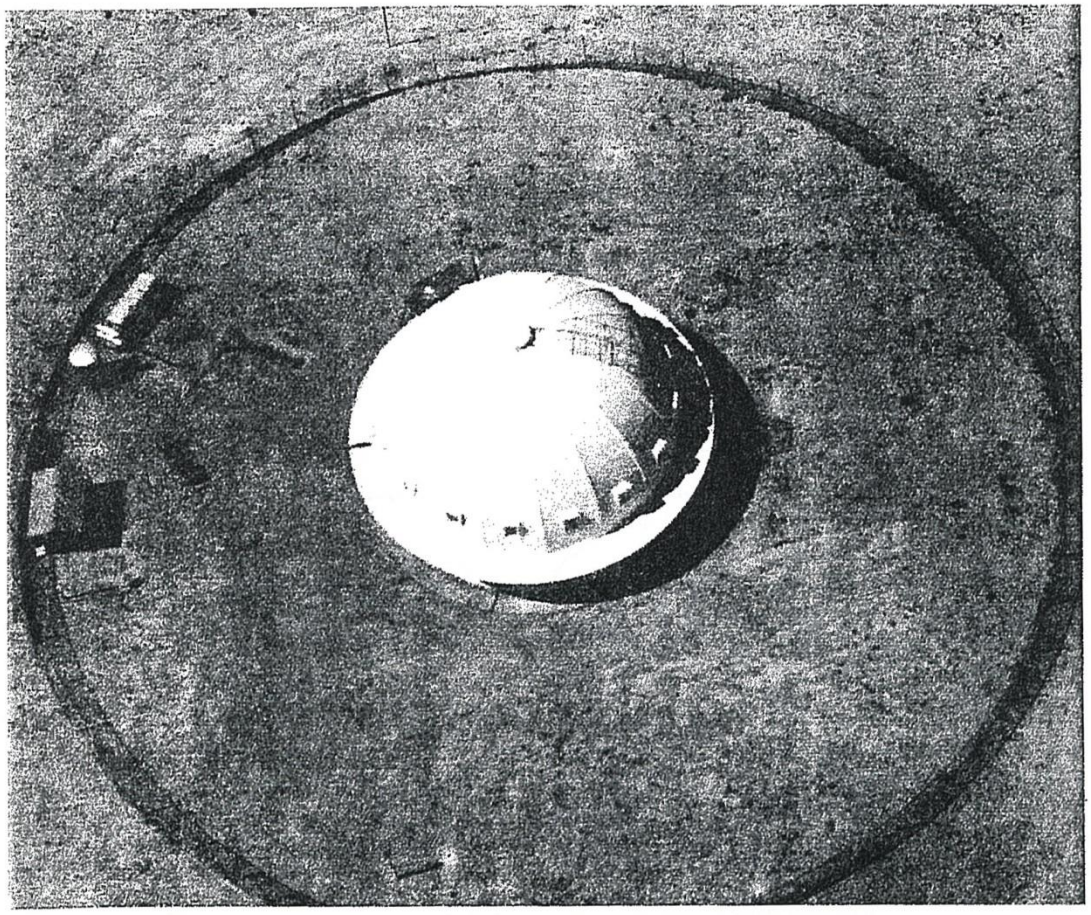
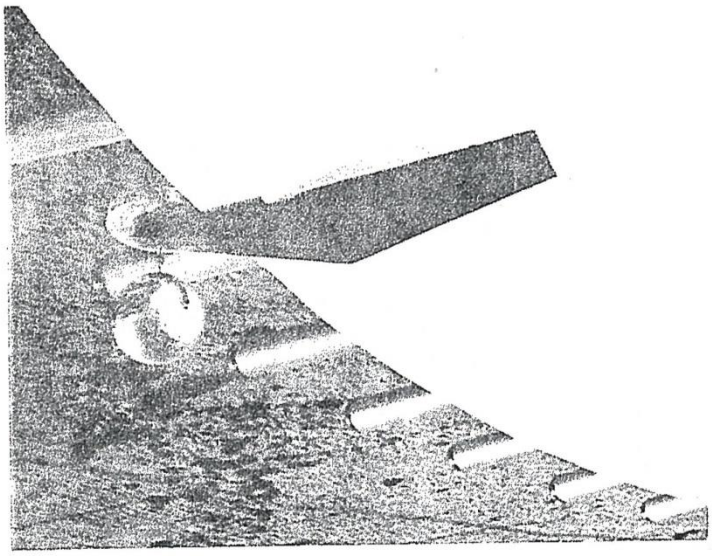


Figure 28. Integratron from the air. Photograph: Kenny Bradshaw and Bradshaw's unnamed father. *Proceedings* (July–September 1976).



Looking down on the arm supporting the inductor disc and ball accumulator.

Figure 29. Under-apparatus bracket with inductor disc and accumulator. *Proceedings* (January–March 1977).

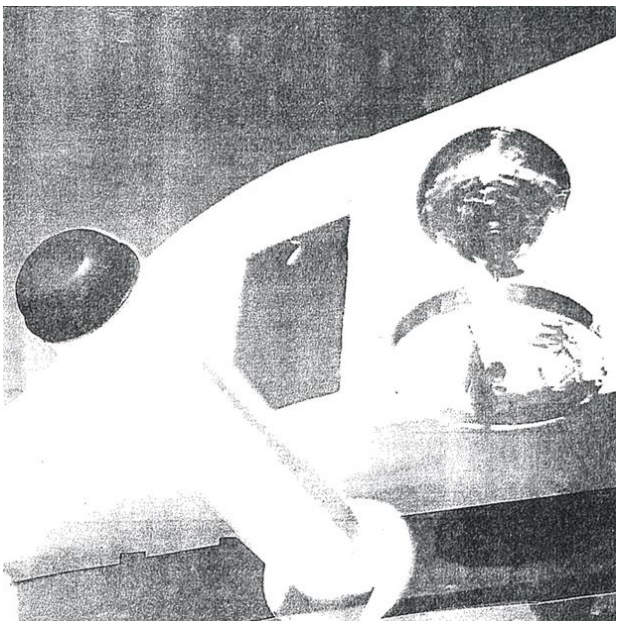
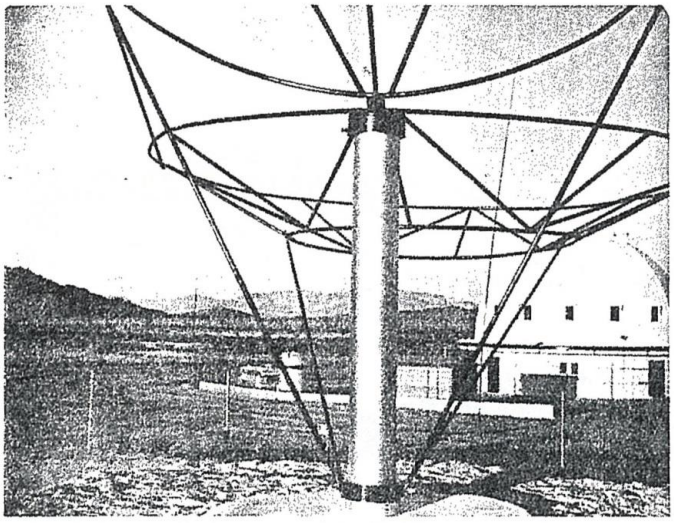


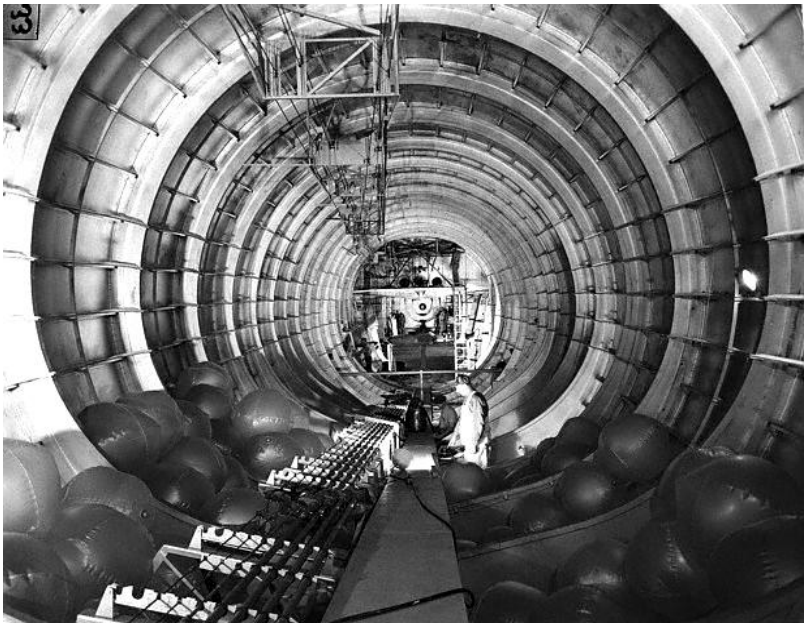
Figure 30. Dirod and over-apparatus collector comb, disc and accumulator. *Proceedings* (January–March 1977).



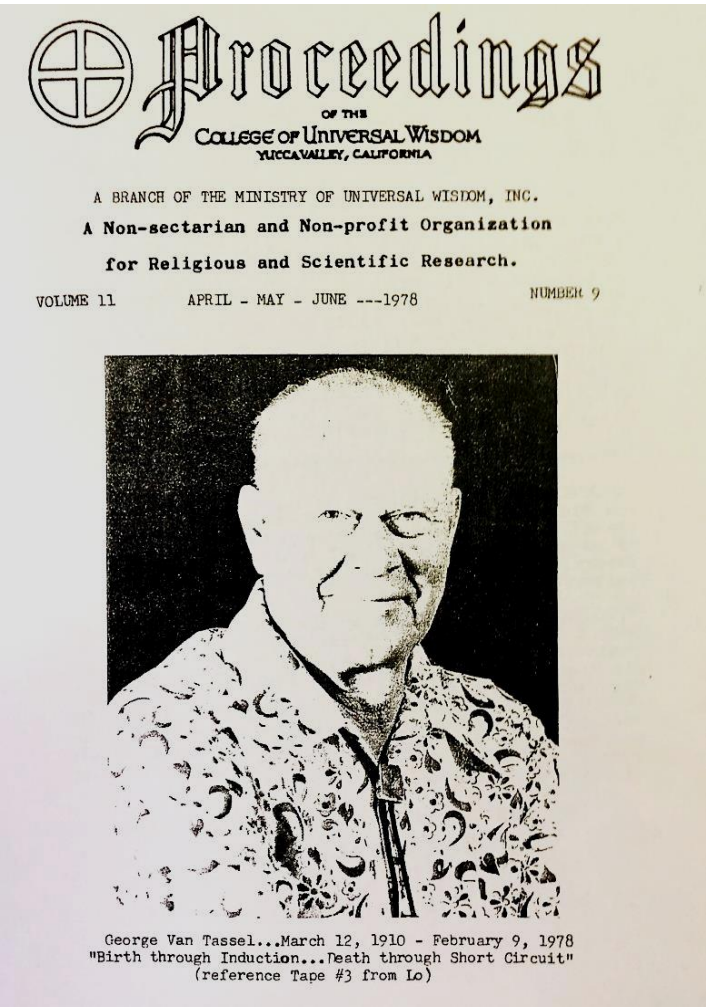
This picture is taken looking through the bi-polar antenna frames at the control room and power equipment in front of the "Integratron".

Figure 31. Bi-Polar Antenna (Bi-Polar Magnetic Detector). View: NE. *Proceedings* (January–March 1975).

Figure 32. 35mm image of Integratron, ca. 1977. Machinery visible in front of structure was removed immediately after George Van Tassel's passing. View: E.



Figures 33 and 34. The glue-laminated Hughes HK-1/H-4 Hercules (Spruce Goose) fuselage construction compared to Integratron dome level interior. Curved, meridian rib predominance with secondary stringers; both are designed relative to compression. Photo (figure 33): Bettmann. Photo (figure 34): Daniel Paul.



Proceedings
OF THE
COLLEGE OF UNIVERSAL WISDOM
YUCCA VALLEY, CALIFORNIA

A BRANCH OF THE MINISTRY OF UNIVERSAL WISDOM, INC.
A Non-sectarian and Non-profit Organization
for Religious and Scientific Research.

VOLUME 11 APRIL - MAY - JUNE ---1978 NUMBER 9

George Van Tassel...March 12, 1910 - February 9, 1978
"Birth through Induction...Death through Short Circuit"
(reference Tape #3 from Lo)

Figure 35. George Van Tassel, 1910–1978. *Proceedings* (April–June 1978).

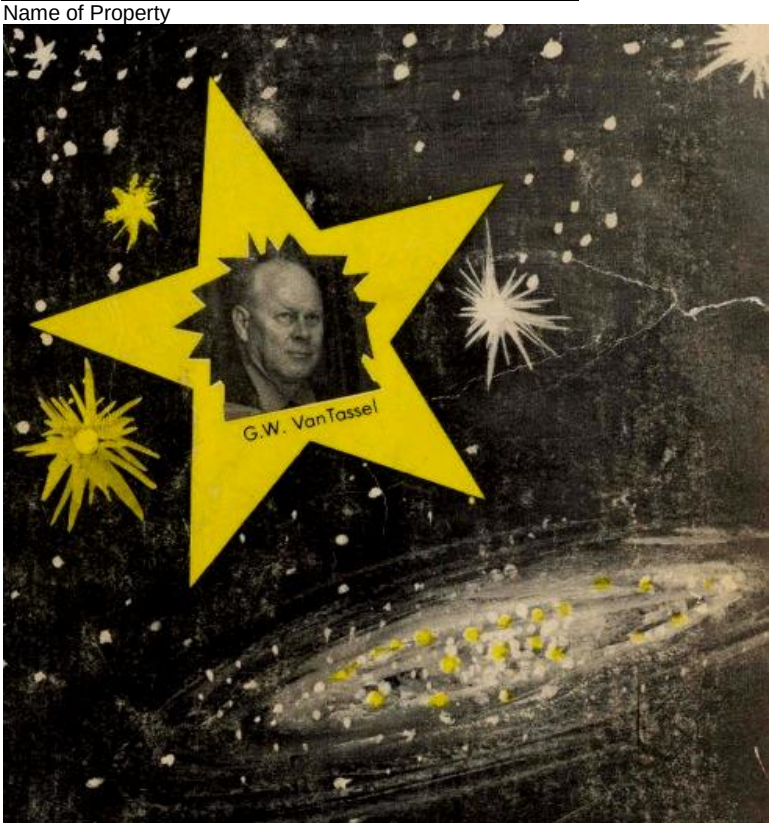


Figure 36. Back cover (detail) of George Van Tassel's book *When Stars Look Down* (1976). Design: Bob Benson.

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C.460 et seq.).
Estimated Burden Statement: Public reporting burden for this form is estimated to average 100 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Office of Planning and Performance Management. U.S. Dept. of the Interior, 1849 C. Street, NW, Washington, DC.