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ELECTRONICS • ALTERNATIVE ENERGY

NIKOLA TESLA

Born: Midnight July 9 1856 **Died:** January 7, 1943

[Quotations](#)

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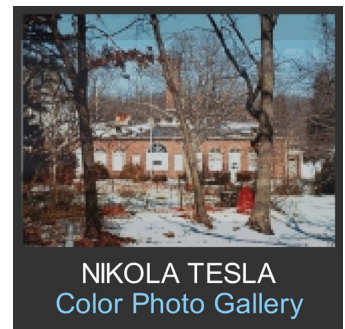
[Wardencllyffe](#)

[Wardencllyffe Today](#)

NEW: Tesla Article from theglobalandmail.com

- **Member CLICK :** [Tesla's Last Known Living Assistant's Recorded Statement](#)
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*"We owe humble homage to the greatest mind ever to grace our species.
For opening our eyes and changing our world and lives forevermore.
Whose very existence has touched every human soul on the planet.
Lifting us from the darkness of ages and into new enlightenment.
His living legacy sings in our wires and breathes in our circuits.
Connecting us all through the genius of his mind's inner eye.
God Blessed you, Nikola." ... Rex Hebert ... Magnetricity.com*



I always invite Comments, Suggestions, Questions via ... Email or Forum

In his own words ...

" The present is theirs; the future, for which I really work, is mine. "

— Nikola Tesla

" The last 29 days of the month [are] the toughest "

— Nikola Tesla

*" If ever we can ascertain at what period the earth's charge, when disturbed, oscillates, . . .
we shall know a fact possibly of the greatest importance to the welfare of the human race. "*

— Nikola Tesla, 1893

" If Edison had a needle to find in a haystack, he would proceed at once with the diligence of a bee to examine straw after straw until he found the object of his search. I was a sorry witness of such doings, knowing that a little theory and calculation would have saved him ninety per cent of his labor. "

— Nikola Tesla - New York Times, October 19, 1931

"As soon as [the Wardencllyffe plant is] completed, it will be possible for a business man in New York to dictate instructions, and have them instantly appear in type at his office in London or elsewhere. He will be able to call up, from his desk, and talk to any telephone subscriber on the globe, without any change whatever in the existing equipment. An inexpensive instrument, not bigger than a watch, will enable its bearer to hear anywhere, on sea or land, music or song, the speech of a political leader, the address of

an eminent man of science, or the sermon of an eloquent clergyman, delivered in some other place, however distant. In the same manner any picture, character, drawing, or print can be transferred from one to another place. . . ." — Nikola Tesla, 1893

*" My project was retarded by laws of nature.
The world was not prepared for it. It was too far ahead of time.
But the same laws will prevail in the end and make it a triumphal success. "*

— Nikola Tesla ... speaking of his "World Wireless" project on Long Island, 1919
consider the date ... his majestic Wardencllyffe and Tower were already lost to him

" I have fame and untold wealth, more than this, and yet, how many articles have been written in which I was declared to be an impractical unsuccessful man, and how many poor, struggling writers have called me a visionary. Such is the folly and shortsightedness of the world! "

— Nikola Tesla

*" I do not think there is any thrill that can go through the human heart like that felt by the inventor as he sees some creation of the brain unfolding to success...
Such emotions make a man forget food, sleep, friends, love, everything. "*

— Nikola Tesla

*" Our virtues and our failings are inseparable, like force and matter.
When they separate, man is no more. "*

— Nikola Tesla

*" Today's scientists have substituted mathematics for experiments
and they wander off through equation after equation and eventually build a structure
which has no relation to reality. "*

— Nikola Tesla

*" My method is different. I do not rush into actual work.
When I get a new idea, I start at once building it up in my imagination, and make improvements and operate the device in my mind. When I have gone so far as to embody everything in my invention, every possible improvement I can think of, and when I see no fault anywhere, I put into concrete form the final product of my brain. "*

— Nikola Tesla

*" Before I put a sketch on paper, the whole idea is worked out mentally.
In my mind I change the construction, make improvements, and even operate the device.
Without ever having drawn a sketch I can give the measurements of all parts to workmen, and when completed all these parts will fit, just as certainly as though I had made the actual drawings. It is immaterial to me whether I run my machine in my mind or test it in my shop.
The inventions I have conceived in this way have always worked. In thirty years there has not been a single exception. My first electric motor, the vacuum wireless light, my turbine engine and many other devices have all been developed in exactly this way. "*

— Nikola Tesla

" Perhaps it is better in this present world of ours that a revolutionary idea or invention instead of being helped and patted be hampered and ill-treated in its adolescence- by want of means, by selfish interest, pedantry, stupidity and ignorance; that it be attacked and stifled; that it pass through bitter trials and tribulations, through the heartless strife of commercial existence. So all that was great in the past was ridiculed, condemned, combatted, suppressed - only to emerge all the more powerfully, all the more triumphantly from the struggle. "

— Nikola Tesla

My Nikola Tesla Color Gallery

Below are a few images I have carefully restored by hand in Adobe Photoshop

By request, I hope to have hi-quality prints of these images available for purchase here soon to help support the expansion of the site. **After all, he did not live his life in Black and White.**

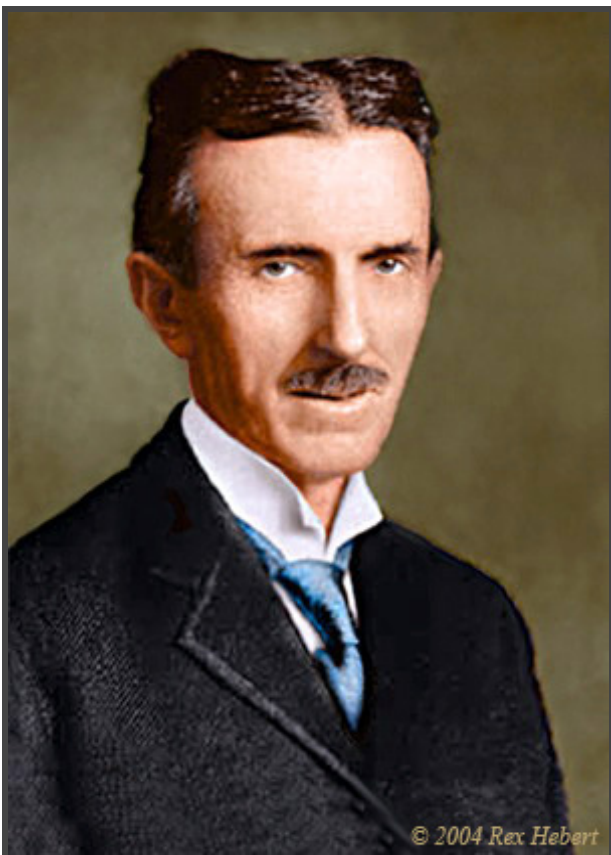
These hand restored and colorized images are all Copyright © 2004 Rex Hebert with All Rights Reserved and protected by International Law

"Early in 1997 the **Tesla Wardencllyffe Project** purchased historian Leland Anderson's archive of some 750 photos related to Tesla's life and work. It is believed to be the largest collection of its type in the world outside of the holdings of the Nikola Tesla Museum in Belgrade.

The images concern Tesla's life and his career, laboratories, apparatus, celebrations, and commemorative events following his death." ... www.teslascience.org

*"Hello Rex,
Just took a look at your site, and am very much impressed with your work
in restoring the Tesla photos to show the vibrant original scenes.
My congratulations on a hard job exceptionally well done!
I've long wished someone would do that type of restoration
and you've done it **MAGNIFICENTLY!**
I think Tesla would really appreciate that effort! Glad to see them!*

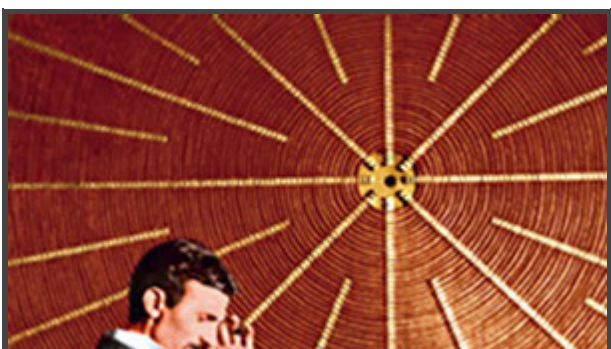
*Very best wishes, **Tom Bearden**"*



Tesla in 1920 at age 64



Nikola Tesla holding a gas-filled phosphor-coated light bulb which was illuminated without wires by an electromagnetic field from the "Tesla Coil"





© 2004 Rex Hebert
Nikola Tesla, with Roger Boskovich's book
"Theoria Philosophiae Naturalis", seated in front
of the spiral coil of his high-frequency transformer
at East Houston St., New York

Thanks to **Steve Elswick** for choosing this image
for the cover of Vol 3 # 2 April May June issue of
"ExtraOrdinary Technology Magazine"
<http://www.teslatech.info>



© 2004 Rex Hebert
at the New Yorker Hotel

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8th East 40th Street, New York Laboratory

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Tesla in his 8th East 40th Street, New York City Laboratory

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East Houston Street, New York Laboratory



Tesla's 46 & 48 East Houston Street Laboratory in New York City - 1901

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Colorado Springs Experimental Station

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Tesla's Colorado Springs Experimental Station - early view
"Experimental Station built to order by Joseph Dozier for World System Project"
The barn-style building stood 50 x 60 feet with 18 foot ceiling
From the center of the roof was a 200 foot pole fashioned
with a 30" wooden ball covered in copper foil on top.

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Colorado Springs Experimental Station - 1899

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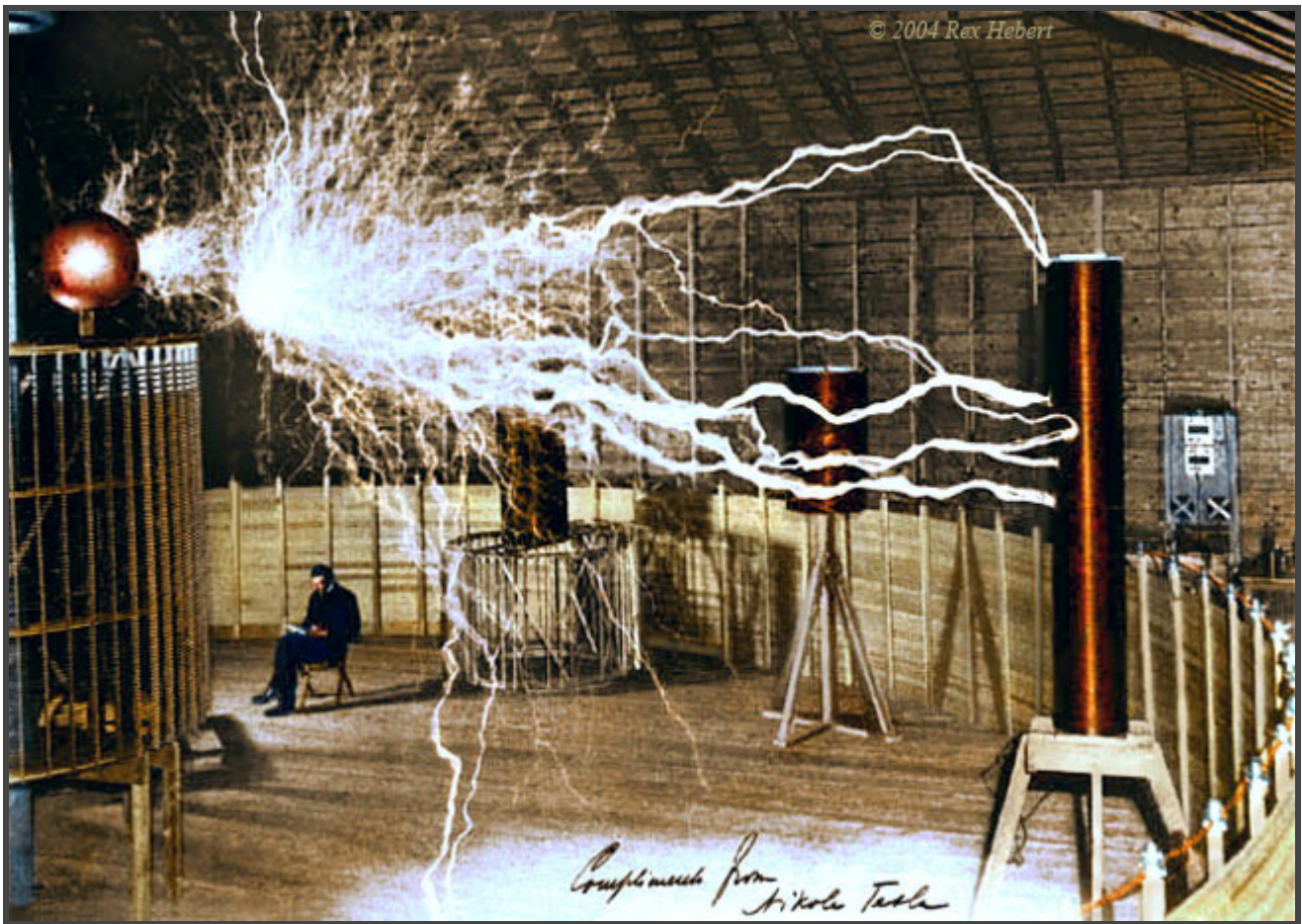


*This front view of the station features the **Union Printers Home** in the background - 1899 a building which still stands in Colorado Springs long after the station has gone. A special coil wound for investigation of the influence of elevation upon the capacity of an elevated conductor is visible in front of the laboratory.*

Special thanks to Gary Peterson for his expertise and assistance with detail in this image
Gary can be contacted at ... www.teslascience.org or www.tfcbooks.com

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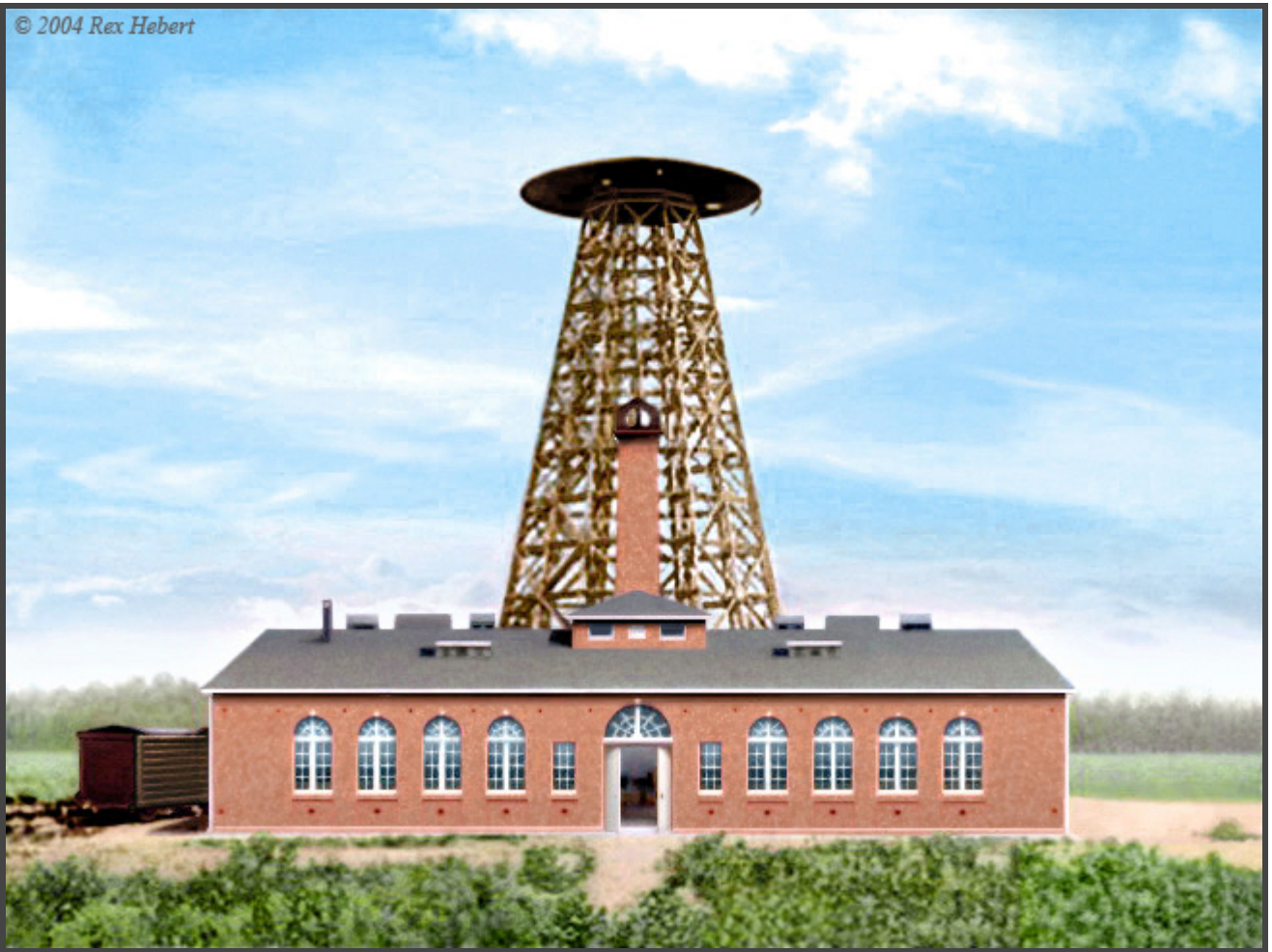
An interior view of the **Colorado Springs Experimental Station**
Said to be a double exposure - Tesla was not actually sitting there at the time - 1899
The primary winding was a heavy, two turn, multi-strand cable 50 feet in diameter.

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**Wardencllyffe Laboratory, East Shoreham, Long Island, New York
USA**

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Wardencllyffe Laboratory

While the Tower was still in construction - 1902

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Wardenclyffe Laboratory - in its prime

Designed by Stanford White, the 200 acre site is today located on Route 25A between Rocky Point and Wading River, and is leased from Plantacres, Inc. to Peerless Photo Products, Inc who still have facilities on a portion of the grounds.

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Wardenclyffe Laboratory - front interior - 1912

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Wardencllyffe Laboratory - rear interior - 1903
Which included a full Machine Shop and Glass Blowing facility

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The Infamous Wardencllyffe Tower

A 187 foot high all wooden structure designed by W. D. Crow to allow any spar to be removed at any time for repair.

The 55 ton, 68 foot diameter giant spherical cage "cupola" on top was the only steel in the structure.

Tower construction began in 1901 and demolition took place in 1917.

--- The tower was never completed and made fully functional because J.P. Morgan withdrew funding ---

Note: I would like to achieve more accuracy in the cupola understructure and any assistance is appreciated



*All but forgotten ... Yet, how precious that it still stands!
 Imagine walking through with everything back in place as it was
 You could feel Tesla's spirit in the walls ...*

*Enclosed in the Agfa (GAF) (Peerless Photo Plant) cyclone fenced compound.
 Next to the Shoreham Post Office and Shoreham Fire House on Route 25A,
 You can still recognize Wardencllyffe from the front, by looking through the fence.*



all current Wardencllyffe photos and driving directions are courtesy of my friend: Toby Ballantine

" I live close to **Wardencllyffe** and watch it all the time. I've taken thousands of photos out there. They say they are "cleaning it up". I doubt it. There has been nothing going down there for years. I believe the town of Brookhaven has plans to have **CONDOS** built there." ... Toby B

Thank you for sharing the portrait you created, Toby. I know it took a lot of work and dedication. The likeness is very well done indeed.

There are restoration efforts forming to preserve the site but they urgently need funding. Please participate if you can. I can't think of a more neglected National Treasure!

Where exactly is Wardencllyffe located?

40° 56' 52.76" North 72° 53' 52.92" West Elevation: 148ft above sea level

" **Wardencllyffe** is located at the intersection of Tesla Street and Robinson Street in East Shoreham, NY

near Wading River. Just off Highway 25A, on the North side.

Its about an 1.5 hour drive from city. If you go by way of GWB, you would drive over Cross Bronx Expy to Whitestone bridge to Cross Island Pkwy to LIE to the East, get off around Smithtown to find 25A East. - Out off Highway 25A in East Shoreham, next to the fire house you will find Wardenclyffe." ... Toby B

The Nikola Tesla Laboratory, most recently known as the Peerless Photo Plant, is located between Randall Road to the West and Tesla Street to the East, and between North Country Road to the North and Route 25A to the South.

The 2002 Shoreham Hamlet Study of the TESLA Laboratory Site Proposes reclamation of the land for commercial residential use but highly recommends Historic Preservation as an alternative

Use Google Satellite Imagery to view the locations of:

Wardenclyffe

Colorado Springs Experimental Station

Be sure to zoom in as close as you can.

Use MapQuest to view the location of **Wardenclyffe**





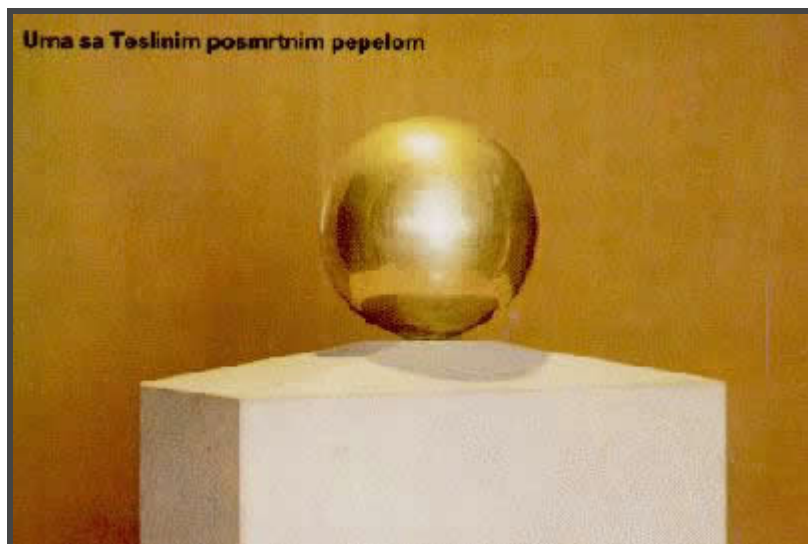


The steel-sided structure in the picture's background is "Building 18" named the "Emulsion Area" of the Peerless Photo Products Plant and is built right up against the lab's west wall.



all current Wardenclyffe photos are courtesy of ... **Toby Ballantine**

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***Nikola Tesla's ashen remains
were sealed in a golden sphere in Belgrade in 1957.
May he Rest in Peace and Honor for all Time.***





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Studio Musician
Composer

Self-educated in the Sciences of Electronics, Computers, Art, Music, Astronomy, Theology, Audio, Video, Analog, Digital ... DC thru Microwave

More than 30 years experience in Bench and Field Repair, Design and Prototyping of mechanical and electrical devices ranging from Vacuum Tube to Surface-Mount Technology

My fascinations and passions include:
 Tesla Technologies, Magnetism, Dynamos, Robotics, Magnetic Levitation, Antigravitics, Nanotechnology, Superconductivity, Over-Unity Devices, Radiant Energy, ZPE and living OFF-GRID

I appear to suffer a life long obsession with imagery and sound

Rex Hebert
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Since: 12/19/2001	Uptime: 1873 days	Last Revision: 07/11/2006	33	213567

I always invite Comments, Suggestions, Questions via ... Email or Forum

Please forgive me if my response to emails is a bit slow ... so many irons in the fire ...

"We the willing, led by the unknowing, are doing the impossible for the ungrateful. We've done so much for so long with so little, we're now qualified to do anything with nothing"

... Anonymous

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