

Research case study on the Technology of Rukma Vimana

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Abstract: From ancient time man on earth is thinking about velocity research and firstly invented Wheel, produced bull-cart and vehicles whose velocity is increased by different sources. Today we are moving with a velocity of sound with the help of jet or rocket. But still we are not satisfied with this velocity. To move with a velocity of light without fuel is end dream of human on earth. To full fill this dream promising option is to increase the velocity of present vehicles by Study of aircrafts used by gods rakshas etc.

Rukma vimana is one of the vimanas mentioned in the book vimanika shashtra which is an early 20th century Sanskrit text on aeronautics.

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Introduction

Gravitational Force is one of the first important properties essential for successful flight. To overcome this difficulty one of the promising options is to study gravitational property & laws by considering air as a fluid medium. Just by using Newton's Three laws of motion and Archimedes & Bernoulli's Principal, it is possible to overcome this difficulty.

Another way by just simple idea that when a body rotates about an axis with a greater than Particular velocity, weight of the body decreases, it will be becomes weight less at certain velocity. [2]

God like kinnaras, Gandharvas and others like Ravana have livingly traveled through air with special aircraft.

Fig.- Rukma vimana

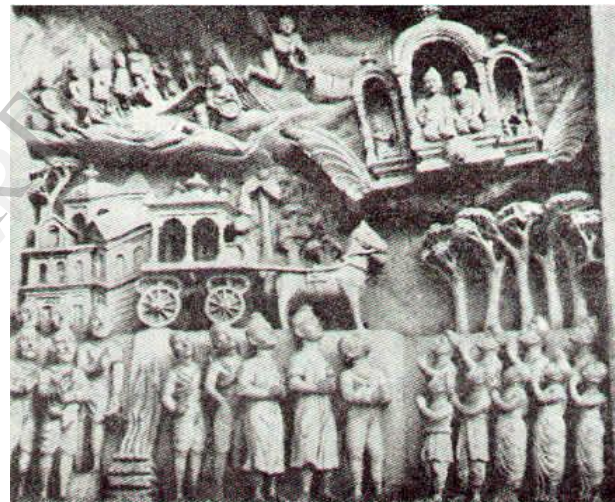


Fig.- Gandharvas travelling in Vimana [1]

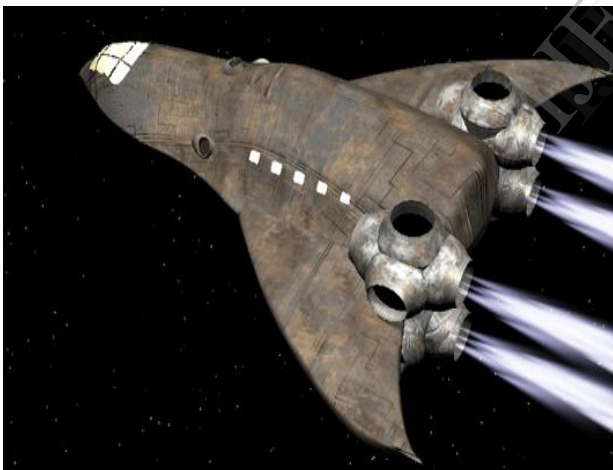
It is constructed from material that has very high strength but negligibly small weight property material. This type of material can be fabricated by using nano- techniques.

A book titled "Brihad Vimana Shastra" by Shri Bramhamuni Parivrajaka contains verses in Sanskrit (describing aircraft) with their Hindi translation. Book titled "Vymanika Shastra" by Shri G.R. Josyer has appeared which contains the same Sanskrit verses with their English translation. Our main concern in this report will be with one of the vimanas mentioned in vimanika shashtra- Rukma vimana. [3]



EVIDENCE:

Why is there no physical evidence of these 'advanced' vehicles, if they were built thousands of years ago?



Vimanas for Space Transportation

It was the use of Vimanas as space transportation systems that might have the clue as to why there is no physical evidence of these ancient aerospace vehicles.

The **Atlanteans**, known as "**Asvins**" in the Indian writings, were apparently even more advanced technologically than the Indians. They possessed **Vailixi**, similar to Vimanas, that were generally "cigar shaped" and had the capability of maneuvering underwater as well as in the

atmosphere or even outer space. Other flight vehicles were saucer shaped, and could apparently travel submerged. It is recorded that between 12000 to 15,000 years ago, nations deploying Vimanas in space with lethal weapons were locked in a global war that destroyed almost all of human life and property on planet earth.

Clinching archeological evidence to this effect has also been found. Thus, the weaponization of space should not be allowed to happen again. [8]

Exploring the Technology

The **FIRST** ever Nobel prize for physics should have gone to an Indian by the name of Shivkur Bapuji Talpade. Talpade was a Sanskrit scholar who had read **Vimanaka Shastra** the ancient 7000 years old texts. He flew an unmanned flying saucer. It was an advanced Vedic Mercury ion plasma , imploding and expanding vortex noiseless flying machine , which could move in all directions. Accelerated pressurised Mercury when spun and thus heated gives out latent energy. Vedas had a deep understanding of Quantum physics. The airplane was aloft at nearly 200 metres height and was airborne for 18 minutes –after that the **Naksha Rasa** accumulators ran out of energy . This feat was witnessed by more than three thousand people including Britishers at **Chowpatty beach** in 1895, eight years before the Wright brothers.



Fig.- London Saturday newspaper

Instead of praising him, the British ruler threatened him and treated him in a shabby manner. The owners **Rothschild German Jews** , of **British East India company** , who ruled India , did frantic search all over India for Sanskrit texts and took it away to Germany. Till then they never realized the worth of Vedic texts. All these texts are still missing.

Talpade's technology is now used by NASA -- solar powered 7 stage mercury ion , super Conductive plasma anti -gravity vortex (accelerator ring magnetic field disruptor) [6]

DISAPPEARED SANSKRIT TEXTS

Hitler had these translated texts with him. This is how he made SWASTIKA his symbol, as it was the symbol of the Saraswati civilization which existed from 9500 BC to 4000 BC, till Saraswati river dried up. Rally brothers took away his manuscripts and texts. Many Sanskrit scholars (Kashmiri Pandits) were kidnapped and they were never heard of Vedic Vimanas or flying saucers used mercury vortex ion engines. With the help of The Vedic texts taken to Germany by Hermann Gundert, The ion engine was demonstrated by German-born NASA scientist Ernst Stuhlinger. [7]



Description of Rukma Vimana

Rukma Vimana is one of the vimanas from "VIMANIKA SHASTHRA" is an early 20th century Sanskrit text on aeronautics obtained by psychic channeling and automatic writing. Vimānas mentioned in ancient Sanskrit epics were advanced aerodynamic flying vehicles, similar to a rocket.

RUKMA VIMANA had long vertical ducts with fans on the top to suck air from the top and send it down the ducts, generating a lift in the process. Utilization of electrical energy to operate Electro-Mechanical arrangement to enable vimana to lift off and accelerate Directional control is through conventional rudder system provided at the base and articulated through crescent shaped plate by means of push pull rods.

Rukma is stated to reach speed up to 250 miles in 24 minutes, a speed of 725 miles per Hour. [1][4]

The Rukma vimana has the appearance of a beautiful hovercraft, being golden in color; it uses solar energy.

Propulsion energy systems derive energy from engine-driven propellers, internal combustion, jet propulsion, mercury and solar energy. [9]

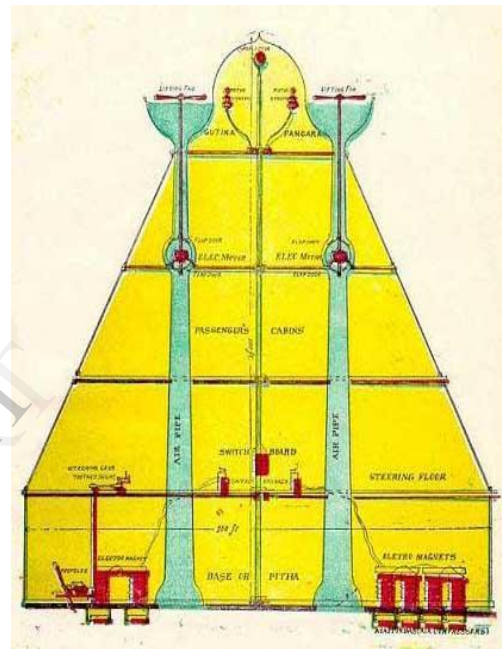


Fig. Rukma vimana design

Working of Rukma vimana

Rukma vimana had a long vertical duct with fans on the top to suck air from the top and send it down the ducts, generating a lift in the process as shown in fig. **Adrishya** – Make vimana invisible by producing a smoke cocoon around it.

Sarpagamana – Achieve zigzag motion while flying to make chasing and targeting difficult.

Paroksha- Harnessing atmospheric energy for directing against enemy.

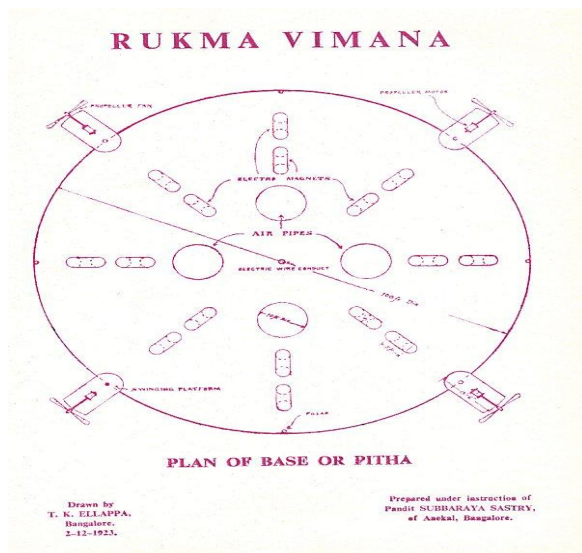


Fig- working principle of Rukma vimana[4]

Micro Rukma vimana Rover

The MRV rover is similar to the Rukma vimana.



The important parts of MRV rover includes:

1. propellers
2. Camera
3. Sample collector
4. Landing gears

MRV rovers have several advantages over stationary Landers: they examine more territory and they can be directed to interesting features. They are solar powered and they can place themselves in sunny positions to weather winter months. They can also advance the knowledge of

how to perform very remote robotic vehicle control which is necessarily semi-autonomous due to the finite speed of light.

Their advantages over orbiting spacecraft are that they can make observations to a microscopic level and can conduct physical experimentation. Disadvantages of rovers compared to MRV rover are the higher chance of failure, due to landing and other risks, and that they are limited to a small area around a landing site which itself is only approximately anticipated.

The present Mars rover curiosity has disadvantages such as climbing on to the hills and mountains and collecting samples from mountains, and taking pictures of the places on the mountains or hilly areas. The use of MRV rover converts these disadvantages into advantages in space exploration.

Functions of MRV Rover:

The rover enables us to get the images of the planets, by capturing the images with the help of the camera on the rover.

The MRV rover can land at any place desired by us, with landing gears. The samples of the surface of the planet can be collected with the help of sample collector of the rover.

Conclusion

The MRV rover would be a better automated motor vehicle when compared with the other rovers as it removes the disadvantages that other rovers has overcome. The close resemblance between the recent US "Falcon" and Indian "Hyper plane" space plane designs to the "Shakuna" and "Rukma" Vimanas, and the UK "Skylon" is cigar-shaped, like the Vimana like "Vailixi". That the "Shakuna", "Rukma" and "Vailixi" were designed and built 12,000-15,000 years ago indicates that once again after a gap of millennia, mankind has embarked on development of systems and technologies for safe, affordable flight direct to space from a runway take-off.

It is essential that mankind learn from the recorded lessons of the ancient, dangerous past when spaceplane were weaponized and waged from

Outer space. It is possible to construct sophisticated flying machine by using Very small weight property material. This type of material can be constructed by using plastic carbon nano tubes and fibers by adding different impurities. This can lift automatically against gravitational force without fuel. By axial rotation of a body, it is possible to neglect weight of body on earth.



Future Scope

The MRV rover can be used as space exploration mission. Planets which can't be reached by humans can be explored with the MRV rover. The humans' hunt for life on other planets has still been in process. The MRV rover makes it much easier in future missions.

The External surface or the dome skin of the MRV rover is made with Photo voltaic cells which can be used to generate solar power for sustained functioning of the rover.



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