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Research on RukmaVimana

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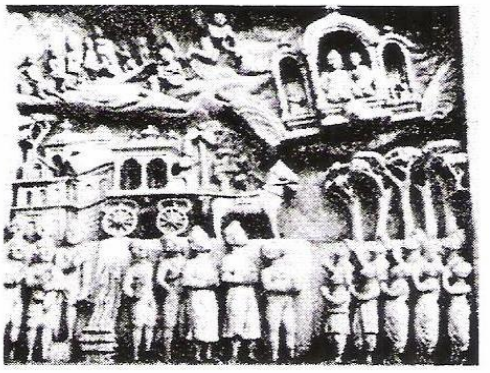
Abstract: From ancient time man on earth is thinking about velocity research and firstly invented Wheel, produced bull-cart and vehicles whose velocity is increased by different sources. Today we are moving with a velocity of sound with the help of jet or rocket. But still we are not satisfied with this 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 god's rakshas etc. Rukmavimana is one of the vimanas mentioned in the book vimanikashasthra which is an early 20th century Sanskrit text on aeronautics. Present paper represents regarding the technology and study of Rukmavimana.

1. Background

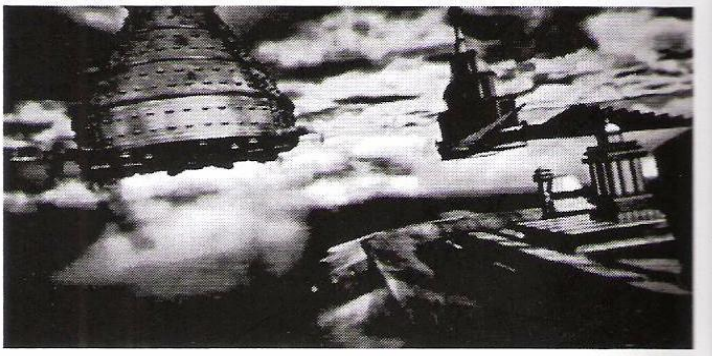
Gods like kinnaras, Gandharvas and others like Ravana have livingly traveled through air with special aircraft.



It is constructed from material that has very high strength but negligibly small weightproperty material. This type of material can be fabricated by using nano- techniques.Bio - Aerodynamic Study: The living birds and insets flights on earth stimulate grate interestamong biologist, physics and engineers about flight in the air, all airplane Helicopters areonly designed on the basic structure of bird's fishes & insects.

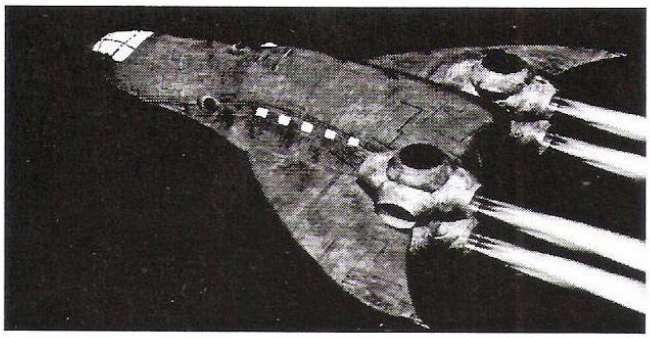
Gravitational Force is one of the first important properties essential for successful flight. To overcome this difficulty one of the promising options is to study gravitational property &laws by considering air as a fluid medium. Just by using Newton's three laws of motion and Arcimdmis & Bernoullis 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 thanParticular velocity weight of the body decreases, it will be becomes weight less at certainvelocity [2].

A book titled "Brihad Vimana Shastra" by Shri Bramhamuni Parivrajaka contains verses inSanskrit (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 shasthra- Rukma vimana[3].



2. Evidence

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

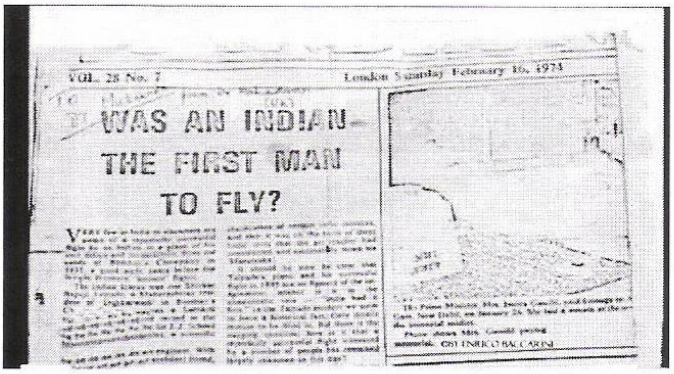


Vimanas for Space Transportation

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, hat were generally "cigar shaped" and had the capability of maneuvering underwater as wells in the mosphere or even outer space. Other flight vehicles were saucer shaped, and could apparently travel submerged. It is ordered 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].

3. 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. Vedashad 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.


WAS AN INDIAN THE FIRST MAN TO FLY?

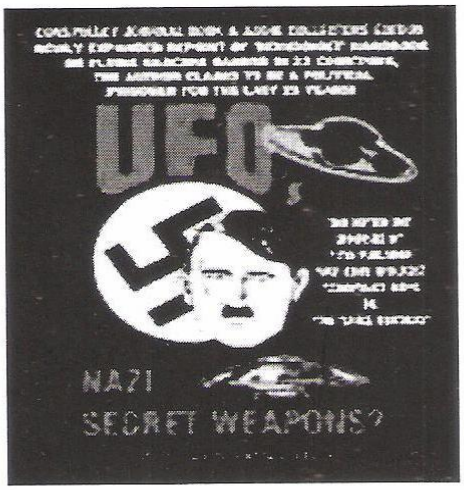
Instead of praising him, the British rulers threatened him and treated him in a shabby manner. The owners Rothschild German Jews, of British East India company , who ruled India , did frantic search all over India for Sanskrit texts and took it away to Germany. Till then they never realized the worth of Vedic texts. All these texts are still missing. Talpade's technology is now used by NASA -- solar powered 7 stage mercury ion , superconductive plasma anti -gravity vortex (accelerator ring magnetic field disruptor) [6].

4. Disappeared Sanskrit Texts

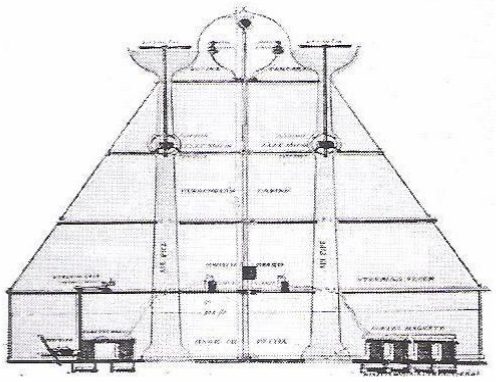
Hitler had these translated texts with him. This is how he made SWASTIKA his symbol, as it was the symbol of the Saraswati civilization which existed from 9500 BC to 4000 BC, till Saraswati river dried up.Rally brothers took away his manuscripts and texts. Many Sanskrit scholars (Kashmiri Pandits) were 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].

5. Description RukmaVimana

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. Vimanas 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]**

Concepts in Vaimanika Prakaranamand Comparative Modern Aviation Techniques [5]

Table 1: ConceptsinVaimanikaPrakaranamandComparativeModernAviationTechniques

Concepts In Vaimanika Prakaranam	Equivalent Contemporary Aviation Techniques
Adrishya–Make vimana invisible by producing a smoke cocoon round it.	Detection avoidance and deceptiontactics.
Sarpagamana–Achieve zigzag motion while flyingto make chasing and targeting difficult.	
Antaraala–Forewarning of danger zone sinflying routes and atmosphere.	Safe flying and advance warning techniques
Vistrita – Expanding wing stop rotectover heating of some parts.	
Sankocha – While at high speeds,constricting the profile by folding	
Paroksha–Harnessing atmospheric energy for directing against enemy.	Strategic/ tactical strike rolls, psychological warfare tactics, biological warfare tactics.
Stamblaha–Discharging apasmara– a poisonous smoke on the enemy to in capacitate them.	
Parashambagrahaka–Intercept audio communication among enemy vimanas	Communication interception, Aerial photo reconnaissance, photo intelligence.
Roopakarshana–Taking pictures of activities inside enemy vimana	
Kriyagrahana–Getting pictures of activities below the flight path of the aircraft.	

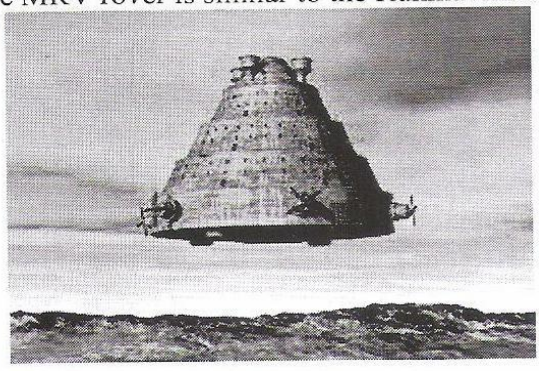
Contrivances and their Potential Uses Yantra Interpretations [5]

Table2:ContrivancesandtheirPotentialUses

	Yantra	Interpretations
1	Visvakriya Darshana Darpana Yantra	A telescopic camera arrangement to take pictures of activities below the craft. (Even constructional drawings have been made by researchers)
2	Parivesha Kriya Yantra	An auto guidance device to keep the vimanain a desired flight path
3	Prana Kundalini Yantra	Throttle control to regulate the speed of propulsion power plant.
4	Dikpradakshna Yantra	Direction finder to get warning of direction of approach of enemy vimana.
5	PushpaniYantra	To produce cabin com for tonthelines of present day cabins.
6	ShabdakarshanaYantra	Device to forewarn about the presence of birds and quadrupeds in the vicinity to help pilot stake a deviation.
7	GuhaGarbhaYantra	Using vimanaasan aerial platform, detecting presence of explosives hidden underground.

6. Micro RukmaVimana Rover

The MRV rover is similar to the Rukmavimana.



The important parts of MRV rover include:

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.

7. 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.

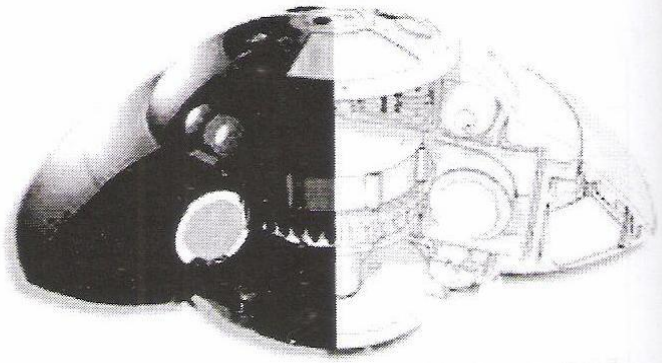
8. Conclusion

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 "Vaillixi" 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.

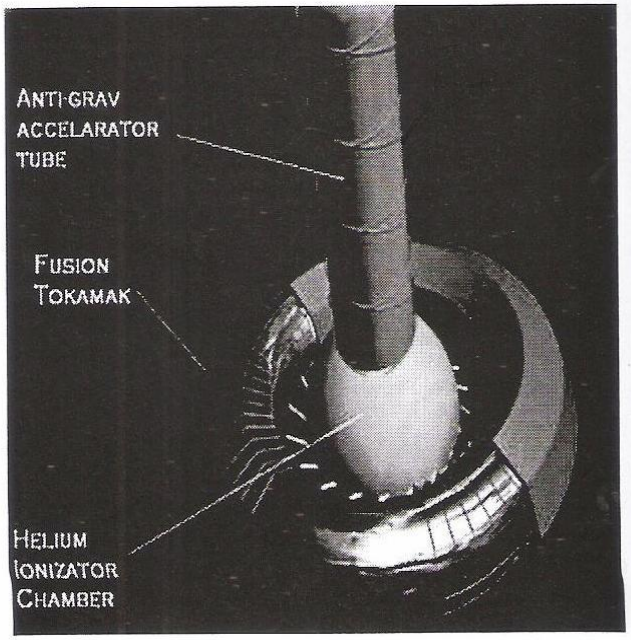
It is essential that mankind learn from the recorded lessons of the ancient, dangerous past when space plane were weaponized and waged from outer space. Mankind must thus ensure, internationally that space planes are not weaponized. It is possible to construct sophisticated flying machine by using Very 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. It is a work of group of scientists from the field of Biology, Physics, Chemistry, Engineers, Geology, Aerodynamic Engineers, Chemical Engineer, Computer Hardware & Software Engineer, Nano crystallizer group, Chemists & Zoologists [3].

9. 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.



1G UNMANNED PROTOTYPE



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.