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Pushpaka Vimana: A Technological Marvel of Ancient Bharat

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Abstract:

The *Pushpaka Vimana*, described extensively in the *Ramayana* and in various Vedic scriptures, is an enigmatic aerial vehicle that symbolizes the profound technological, philosophical, and spiritual knowledge of ancient Bharat. Far beyond being a mythical construct, the *Pushpaka Vimana* is portrayed as a highly advanced craft, capable of long-distance travel, carrying numerous passengers, and operating with a level of sophistication that continues to intrigue researchers even today. Its descriptions suggest not only extraordinary engineering but also a deep connection between technology, consciousness, and natural forces.

This paper explores its multifaceted capabilities with a focus on design, structural materials, potential energy sources, and aerodynamic manoeuvrability. By analyzing these aspects, the study seeks to uncover parallels between the ancient accounts and present-day aerospace engineering, particularly in areas such as vertical take-off and landing (VTOL), autonomous navigation, stealth application, and lightweight construction materials. Further attention is given to supporting ancient texts and references to related technologies, including *Ākāśagamanam* (sky travel), mercury purification as a possible energy process, mantra-based propulsion, and telepathic control systems. These concepts, while framed in spiritual or symbolic terms, may point toward advanced understandings of vibration, resonance, and energy field manipulation. By bridging the wisdom of Vedic traditions with modern engineering perspectives, this work demonstrates that the *Pushpaka Vimana* represents not only a fascinating cultural narrative but also a potential repository of scientific insight. It underlines the importance of revisiting ancient knowledge systems as a source of inspiration for innovative approaches in aerospace research and development.

Keywords: *Pushpaka Vimana, Akasagamanam, Vimana Shastra, Telepathic Flight, Ancient Indian Aerospace, Siddhi Technologies, Mercury Propulsion, ESP Navigation, Mantrika Science*

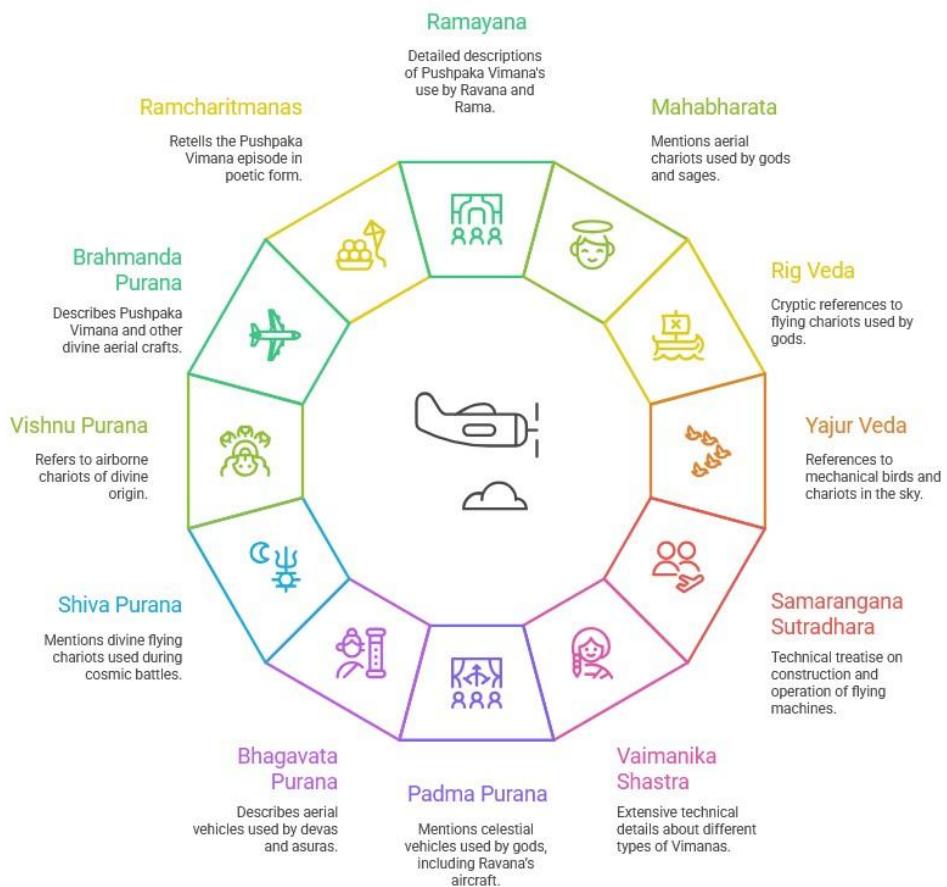
INTRODUCTION

Pushpaka Vimana is a legendary celestial aircraft described in the *Ramayana* and similar aerial vehicles are also referenced across various Vedic texts, *Puranas*, and treatises like the *Vaimanika Shastra*, symbolizing ancient India's advanced knowledge of aerial technology and divine engineering. It is often cited as the earliest example of a flying craft in human mythology. In world mythology, there are many flying crafts — like Greek Icarus' wings or Norse chariots of the gods — but *Pushpaka Vimana* predates them, making it one of the earliest and most detailed descriptions of aerial travel in ancient literature.

Pushpaka Vimana and similar aerial vehicles are mentioned in several ancient Indian texts, including the *Ramayana* (detailing its use by Ravana and later Rama), the *Mahabharata* (aerial chariots of gods and sages), the *Rig* and *Yajur Vedas* (early references to flying *Rathas* and mechanical birds), *Samarangana Sutradhara* of King Bhoja (technical treatise on flying machines), *Vaimanika Shastra* of Sage Bharadvaja (detailed *Vimana* classifications), and various *Puranas* such as the *Padma, Bhagavata, Shiva, Vishnu*, and *Brahmanda Puranas* (descriptions of celestial vehicles), along with *Tulsidas's Ramcharitmanas* (depicting the *Pushpaka* as *Kubera*'s divine gift).

Pushpaka Vimana is described not as a metaphor but as a functioning, engineered aerial craft. It holds an important place in aviation archaeology, ancient astronaut theory, and myth-tech interpretations. It was crafted by *Vishwakarma* and used by *Ravana* and later *Sri Rama*. *Vishwakarma* is considered the divine architect or engineer in Vedic texts — akin to a cosmic engineer or technologist. The craft was originally gifted to *Kubera*, the god of wealth, by *Vishwakarma*. *Ravana*, the king of Lanka, took it by force and used it as a personal aerial vehicle. After *Ravana*'s defeat, *Sri Rama* used it to return to Ayodhya with *Sita* and his companions — showing the craft's reusability, large capacity, and intercontinental travel capability.

Ancient Texts on Flying Machines



Pushpaka Vimana is described in the *Ramayana* as a highly advanced vehicle capable of autonomous flight, telepathic responsiveness, and luxurious accommodations. There are many references to the technological capabilities in ancient texts, which — when decoded — imply the following:

Autonomous Flight

- The *Vimana* did not need manual piloting.
- *Valmiki* writes that it could "go wherever the occupant desired" — suggesting GPS-like guidance or consciousness-linked navigation.

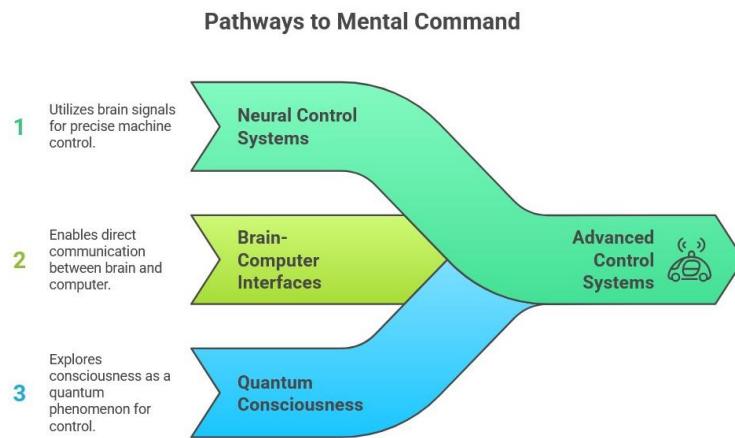
Telepathic Responsiveness

- The craft seemed to be responsive to the mental commands of its rider.
- This concept aligns with today's neural control systems, BCI (Brain-Computer Interfaces), or even quantum consciousness-based controls — a technology far ahead of our current AI.

Luxurious Accommodations

- Described as having multiple chambers, seats for many passengers, and jewel-studded interiors.
- There are references that indicate some kind of climate control, pressurized cabins, and comfort-focused design.

- The *Vimana* is said to accommodate hundreds of people, hinting at a flying fortress or space cruiser scale rather than a small craft.



Summary Interpretation

Ancient Term/Description	Possible Modern Interpretation
"Moved by thought"	Brain-machine interface / Mind-controlled flight
"Golden and glittering"	Use of advanced alloys or heat/radiation shield
"Floated in the sky without wind"	Anti-gravity or ion propulsion
"Could shrink or expand"	Shape-memory materials / Quantum folding tech
"Spoke and obeyed commands"	AI-based navigation systems

SCOPE

The objective of this study is to analyze texts like the *Ramayana*, *Vaimanika Shastra*, and various *Puranas* and *Vedas* to gather technical clues of technological capabilities of ancient *Vimanas*. We have used multidisciplinary approach like Aeronautical engineering concepts, Consciousness studies, Material science (based on references to gold, crystals, mercury), AI and autonomous systems. The goal is to bridge mythology with engineering, revealing how ancient people might have described real technology in poetic or symbolic form, and to examine whether they had access to truly advanced knowledge.

This paper seeks to scientifically decode mythological descriptions of ancient *Vimanas* by:

- Gathering all references from multiple ancient texts
- Interpreting symbolic language as technological blueprints
- Aligning ancient descriptions with modern or futuristic aerospace technology

This approach not only validates ancient wisdom but also inspires futuristic aerospace design by merging mythology, engineering, and consciousness studies.

AKASAGAMANAM: FLYING TECHNIQUES IN ANCIENT INDIA

Akasagamanam literally means "sky-going" or "sky travel" in Sanskrit. Ancient Indian texts describe several methods by which sages, yogis, or technologically empowered beings could achieve aerial travel, either through spiritual capabilities (*siddhis*) or technological aids. This blend of mysticism and proto-science reflects India's unique approach to understanding flight and cosmic travel. Let us break down each technique and interpret it with a modern scientific lens.

1. *Bhava Pratyayas* – Natural Ability through Inner Awakening

- Refers to individuals who naturally acquire the ability for sky travel through spiritual evolution or deep meditative states.
- These descriptions often match modern theories around consciousness-based technology, quantum teleportation via awareness, or the use of consciousness to access multidimensional spaces.
- Inner awakening could relate to altered brainwave states, activation of the pineal gland, or quantum coherence in the mind-body system.

2. *Madhuprathikas* – Achieved *Manojavathwa Siddhi*

- *Manojavathwa* = “speed of mind”. Describes instantaneous travel or extreme swiftness.
- Yogic texts say that those with this *siddhi* could travel anywhere as fast as thought.
- In modern terms, this may correlate with teleportation, wormhole travel, or a form of quantum entanglement, where location becomes irrelevant due to mind-based navigation.

3. *Vikarana and Laghima Siddhis* – Levitation and Speed Manipulation

- *Vikarana Siddhi*: Ability to alter body senses or perception.
- *Laghima Siddhi*: Ability to make the body weightless.
- These refer to mass-reduction or antigravity control, suggesting a kind of inertial dampening or gravitic shielding, essential for aerial propulsion.
- Scientifically, this could be connected to the manipulation of gravity fields, electromagnetic lift, or quantum levitation techniques.

4. *Samapathi* – Thought Transformation and Control Over Space-Time

- *Samapathi* refers to deep conscious absorption, where the mind can transform into any object of thought.
- This reflects control over space-time perception, hinting at non-local consciousness or the ability to access higher-dimensional realities.
- Such descriptions are parallel to holographic universe theory and consciousness-driven space navigation.

5. **Mantrika Techniques – Flight via Sound Technology**

- Ancient *mantras* like “*Vegini*” were said to activate the *Vimana* or sky-travel.
- Suggests a sound-frequency-based activation system, similar to vibroacoustic propulsion, phononic crystals, or even scalar wave technology.
- *Mantras* may have worked as coded frequencies triggering motion in specially designed crafts (like voice-activated AI today).

6. **Herbal *Oushadhis* – Plants Empowered by *Mantras* for Travel**

- Texts like the *Markandeya Purana* describe yogis consuming herbs that enabled them to travel 1000 *Yojanas* (~12,800 km) in half a day.
- These were not ordinary herbs — they were infused with *mantra*-chanting rituals, suggesting biotechnology or psychoactive enhancement.
- Possibly akin to neural enhancers, bio-electric boosters, or herbal nanotechnology enabling altered physical properties.

7. **Mercurial Science – Ancient Propulsion Technology**

Parada Gutika:

- Mercury-based pills used for energy or levitation.
- May hint at cold fusion, mercury ion engines, or nano-reactors.

Rudran-treated Mercury:

- A metallurgical technique described in *Rasayana Shastra*, where mercury is stabilized and energized.
- Similar to the plasma stabilization used in modern propulsion systems.

Agnibaddha:

- Refers to fire-bound or heat-fused mercury, used for lift and motion.
- May represent plasma thrust or electromagnetic heating for ion propulsion.

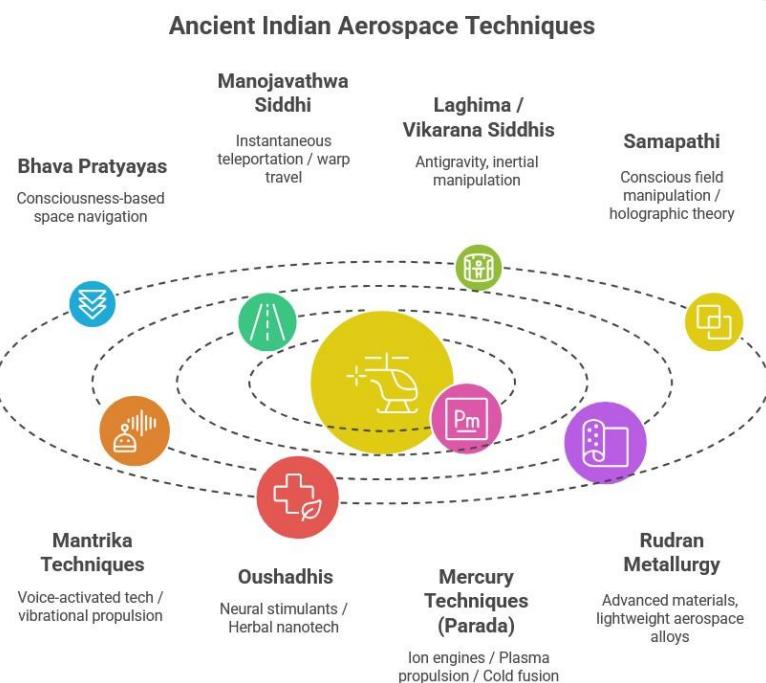
8. **Other Technologies – Advanced Metallurgy and Levitation**

- The *Rudran* method of metallurgy is said to create materials that are ultra-light yet super strong.
- This resonates with modern aerospace materials science — carbon composites, meta-materials, self-healing alloys, etc.
- Coupled with levitational science, these were possibly used in the construction of *Vimanas* and flight-support devices.

Akasagamanam in ancient India was achieved through a fascinating blend of inner yogic powers (*siddhis*), herbal science, *mantric* frequencies, and advanced propulsion techniques using mercury and metallurgy. These practices, far from being mere mythology, suggest that the ancients possessed a deep understanding of aerospace dynamics, bioenergy, consciousness, and materials, which we are only beginning to rediscover through modern science.

Summary Interpretation

Ancient Technique	Possible Modern Equivalent
<i>Bhava Pratyayas</i>	Consciousness-based space navigation
<i>Manojavathwa Siddhi</i>	Instantaneous teleportation / warp travel
<i>Laghima / Vikarana Siddhis</i>	Antigravity, inertial manipulation
<i>Samapathi</i>	Conscious field manipulation / holographic theory
<i>Mantrika Techniques</i>	Voice-activated tech / vibrational propulsion
<i>Oushadhis</i>	Neural stimulants / Herbal nanotech
<i>Mercury Techniques (Parada)</i>	Ion engines / Plasma propulsion / Cold fusion
<i>Rudran Metallurgy</i>	Advanced materials, lightweight aerospace alloys



TECHNOLOGICAL DESCRIPTIONS OF ANCIENT VIMANAS

The *Pushpaka Vimana* and similar aerial vehicles, as detailed in ancient texts (primarily the *Ramayana*), goes far beyond a poetic chariot of the gods. It embodies features that align shockingly well with future aerospace technologies and intelligent autonomous systems. Below is an expanded explanation of each described feature with scientific insights:

1. Autonomous and Telepathic Navigation

- Description: The *Vimana* responds instantly to the mental commands of its owner.
- Interpretation:
 - Indicates an interface based on brain-computer interaction (BCI) or thought-driven navigation, similar to emerging neural interface tech like Elon Musk's Neuralink.
 - May also involve consciousness recognition AI, a concept now being explored in quantum cognition research.

2. Speed of Mind Travel

- Description: Travels at the speed of thought, covering vast distances instantly.
- Interpretation:
 - Suggests superluminal travel, warp drives, or wormhole physics – theoretical models where space-time is bent or folded.
- Implies the vehicle could move outside normal space-time bounds, a concept supported by some interpretations of string theory and quantum gravity.

3. Shape Shifting (Size Transformation)

- Description: Can resize from extremely small to massive.
- Interpretation:
 - Could involve nano-folding, modular expansion systems, or quantum-scale morphing.
 - Similar to adaptive structures in metamaterials or programmable matter, where form adapts based on energy input or command.

4. Conversational AI

- Description: The *Vimana* can speak, respond, and possibly even give suggestions.
- Interpretation:
 - Indicates Natural Language Processing AI combined with cognitive architecture.
 - Similar to current smart assistants but much more advanced — potentially involving emotional AI or sentient programming.

5. Comfort Features

- Description: Adjusts temperature seasonally, offers exotic fruits, scenic views.
- Interpretation:
 - Smart environment control systems — climate regulation, sensory projection (like VR/AR landscapes).
 - Food synthesizers (possibly akin to Star Trek replicators).
 - Automatic internal adaptation based on external weather, passenger needs, or mood.

6. Indestructibility

- Description: Cannot be destroyed by any conventional weapon.
- Interpretation:
 - May involve plasma-based shielding, meta-materials with regenerative or deflection abilities.
 - Could also suggest energy field shielding or cloaking mechanisms — being explored in modern military aerospace R&D.

7. No Fuel Dependency

- Description: Generates its own energy.
- Interpretation:
 - Could be powered by zero-point energy, quantum vacuum energy, anti-gravity drive, or even spiritual/conscious energy.
 - Aligns with non-conventional propulsion systems that do not rely on chemical fuels.

8. No Need for Astronauts or Pilots

- Description: Operates without trained human input.
- Interpretation:
 - Suggests complete autonomy, self-correcting flight paths, and self-programming AI.
 - Could also reflect intuitive or biometric control systems, identifying the user by energy signature or consciousness field.

9. Intelligent Behavior and ESP

- Description: Exhibits extrasensory perception — responds to emotions, thoughts, or threats.
- Interpretation:
 - Advanced AI with predictive behavioral algorithms.
 - May operate using emotion-sensitive sensors, neurofeedback, or even consciousness-field interaction.
 - Involves empathic AI, a field of future technology.

10. Deep Space Stationing

- Description: Can remain stationed in space until recalled telepathically.
- Interpretation:
 - Orbital loitering capabilities.
 - Possibly quantum tethering to consciousness — not mechanical recall, but mental GPS.
 - Could remain in hibernation mode until needed.

11. Pilotless Operation

- Description: Operates without human control.
- Interpretation:
 - Fully autonomous control systems — advanced aerospace drones.
 - Similar to unmanned interstellar probes, but with AI more intuitive and responsive to real-time conditions.

12. Self-Maneuverability

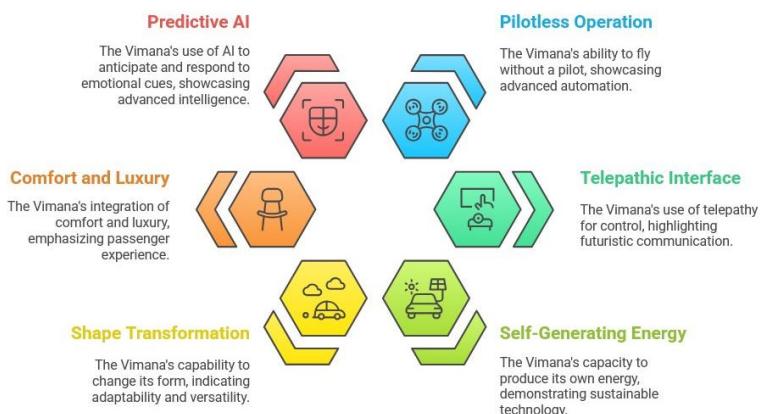
- Description: Adjusts speed, avoids obstacles, modifies internal settings based on passenger count.
- Interpretation:
 - Includes adaptive autopilot, smart sensors, occupancy-based load balancing, and environmental responsiveness.
 - Comparable to today's AI traffic control or autonomous vehicle management, but on a cosmic level.

13. Luxury Design

- Description: Decorated with golden steps, gemstone interiors, and follows mental instructions.
- Interpretation:
 - Suggests not just functionality, but royal-level design aesthetics.
 - Possibly represents customizable interiors via matter-reconfiguration or programmable architecture — offering both luxury and mental-command-driven UI/UX.

The *Pushpaka Vimana*, as described in ancient Indian literature, wasn't a simple flying chariot. It was a multi-functional intelligent aerial platform featuring Pilotless operation, Telepathic interface, Self-generating energy, Shape transformation, Comfort and luxury integration, Predictive AI and emotional responsiveness. All of these mirror the aspirations of today's most futuristic aerospace goals, from autonomous interstellar probes to consciousness-activated vehicles.

Advanced Features of Pushpaka Vimana



YANTRAS AND VIMANA SHASTRA LITERATURE

The *Vaimanika Shastra* attributed to *Maharshi Bharadwaja* is one of the most significant ancient texts detailing aerial technologies, *yantras* (machines), and classifications of *Vimanas* (flying crafts). The text compiles Vedic engineering principles, spiritual technologies, and material sciences into a structured treatise that modern scholars and engineers are now beginning to decode. *Maharshi Bharadwaja's* Seminal Contributions are:

1. *Yantra Sarvaswam* – The Complete Treatise on Machines

- Contains 1623 *Yantras* (machines or mechanisms) covering various applications, many of which suggest advanced energy, communication, and defensive systems. Some key *Yantras* are listed below:

Yantra Name	Interpretation / Function
<i>Bhavakarshana</i>	Attracts objects by thought – Mind-controlled attraction (magnetic or scalar tech).
<i>Sabdakarshana</i>	Sound-attracting – Could relate to sonic sensors or acoustic-based navigation.
<i>Rupakarshana</i>	Image-capturing – Similar to holographic projection or real-time surveillance.
<i>Chayakarshana</i>	Shadow or light manipulation – Possibly stealth tech or cloaking mechanisms.
<i>Sthambhana</i>	Immobilization – Suggests stun or EMP-like disabling devices.

These *Yantras* imply multi-sensory and field-based control systems, reminiscent of today's sensor fusion, perception-based AI, and non-kinetic weapon systems.

2. Naval Architecture of *Vimanas*

The text doesn't limit *Vimanas* to aerial travel — it expands into multi-medium vehicles, capable of movement through air, water, and possibly space.

- *Jala Mukha* – Floating on water (surface naval craft)
- *Jala Prishtha* – Moving just below the water surface (semi-submersible)
- *Jala Garbha* – Submarine mode, deep water travel

This suggests that ancient *Vimanas* were amphibious and multi-environmental vehicles, capable of aero-nautical-submersible transitions — a field of intense modern research in multi-domain drones and vehicles.

3. *Vimana Prakaranam* – Core Treatise on *Vimanas*

- Composed of 8 *Adhyayas* (Chapters), 100 *Adhikaranams* (Sections), and 500 *Sutras* (Aphorisms).

- Offers deep technical details including:
 - Design blueprints
 - Fuel compositions
 - Propulsion mechanisms
 - Anti-gravity and stability controls
 - Material choices
 - Defensive yantras and invisibility mechanisms

This structure indicates a formal aerospace engineering framework, comparable to modern engineering documentation like design standards, operating manuals, and technical blueprints.

4. Vimana Classifications

Vimanas were not singular in form or function — they were classified based on their power sources and design philosophies:

i. *Mantrika Vimana*

- Powered by *mantra* (vibration/sound/energy consciousness)
- Examples: *Pushpaka, Tripura*
- Technology is linked to frequency-based activation and mind-controlled mechanisms.
- Comparable to today's research on frequency modulation, resonance tech, and consciousness-powered systems.

ii. *Tantrika Vimana*

- Operated using *tantric* energies (structured spiritual and geometric energy forms).
- Examples: *Nandana, Pingala, Krounchika*
- Possibly used energy grid alignment, sacred geometry, and bio-energetic inputs.

iii. *Kritaka Vimana*

- Mechanically constructed, based purely on engineering without spiritual power inputs.
- Examples: *Shakuna, Rukma, Mandala*
- These are closest to today's understanding of metallic aircraft with aerodynamic control and material-based propulsion.

This classification system shows a clear separation between spiritual-tech, hybrid-tech, and pure mechanical-tech, much like modern divisions between autonomous AI systems, bio-cybernetic systems, and manual craft.

Other Supplementary Literature

These texts expand the understanding of *yantras* and *vimanas*, possibly written by *Maharshi Bharadwaja's* disciples or compiled from various *Rishis*' works.

Text Name	Focus
<i>Vimana Chandrika</i>	Illuminates finer technical aspects of <i>Vimana</i> design.
<i>Yantra Kalpa</i>	Details construction procedures of various <i>yantras</i> .

<i>Khetayana Pradeepika</i>	Discusses aerial defense mechanisms and weapons systems.
<i>Yomayanarka Prakasa</i>	Possibly on energy management and solar/stellar navigation.
<i>Kheta Yantram</i>	Focused on aerial field manipulation — akin to electromagnetic fields.

These works point to a deep ecosystem of technical literature, hinting at a once-thriving ancient aerospace R&D knowledge system.

Summary Interpretation

Category	Modern Equivalent
<i>Yantras</i>	Sensors, field devices, AI systems
<i>Mantrika Vimana</i>	Brain-machine interfaces, resonance drives
<i>Tantrika Vimana</i>	Scalar energy or sacred geometry engines
<i>Kritaka Vimana</i>	Aerodynamic craft with propulsion systems
<i>Naval Travel Modes</i>	Amphibious vehicles, drones, submarines
<i>Vimana Literature</i>	Aerospace design manuals and blueprints

Maharshi Bharadwaja's Vimana Shastra, including *Yantra Sarvaswam* and *Vimana Prakaranam*, represents a highly sophisticated ancient aerospace science that blends material engineering, consciousness interfaces, energy sciences, and navigation mechanics. The detailed classifications, diverse *yantras*, and supplementary texts suggest an organized ancient technological tradition — centuries ahead of its time.

MANTRAS AND SYMBOLISM

Pushpaka Vimana Technology

Unlike modern aircraft which depend on mechanical propulsion, the *Pushpaka Vimana* is said to operate using *mantras* — sound frequencies activated through vocal articulation and symbolic energy dynamics. This aligns with *Mantra Shastra*, where sound is power, and each syllable is linked to vibratory forces in nature.

Mantras Used for Vimana Activation

- *Siddhamba* and *Bhairavi* are specific *mantras* cited in texts that were used to activate and navigate the *Pushpaka Vimana*.
- These *mantras* are part of *Siddha* tantric traditions, suggesting consciousness-based control or energy circuit initiation via precise sonic codes.

Interpretation: These could function like audio-frequency keys or passcodes that activate energy circuits, similar to how modern systems can be voice-controlled or frequency-triggered.

Mantra Shashtra and Energy Activation

According to *Mantra Shashtra*:

- Each syllable pronounced from different parts of the mouth (lips, tongue, throat, teeth, palate) stimulates different energy centers.
- These vibrations can excite specific elements (*Pancha Mahabhutas*: Earth, Water, Fire, Air, Space).
- Through proper chanting, the mantra induces resonance within the aircraft's systems, initiating motion, transformation, and direction control.

Scientific Analogy:

- This parallels vibroacoustic energy systems, sonic levitation, resonant plasma ignition, or piezoelectric vibrations.
- It also relates to speech-activated systems but at a much deeper energy-level integration, possibly involving quantum resonance with the craft's structure or material.

Symbolic Fire Element – Not Literal Combustion

Fire in this context doesn't mean burning fuel. Instead, it represents:

- Motion (Kinetic activation)
- Luminosity (Radiant energy)
- Transformation (From inert to active state)

Thus, when *mantras* activate the “fire element,” it symbolically means the system comes alive, ready for action, propulsion, and intelligent manoeuvring.

Insight: This implies the *Vimana* was driven by field-energy propulsion, not combustion — something akin to ion drives, zero-point energy, or consciousness-linked plasma energy.

Five Elemental Stages and States

Each of the five elements (Earth, Water, Fire, Air, Space) has three vibrational states:

Element	<i>Shantha</i> (Subdued)	<i>Moodah</i> (Inert)	<i>Ghora</i> (Agitated)
Earth	Grounded energy	Dormant mass	Quaking, lift-off
Water	Calm flow	Frozen	Turbulent, kinetic waves
Fire	Warm glow	Extinct flame	Radiant propulsion
Air	Gentle breeze	Still	Forceful thrust
Space	Silent potential	Blocked field	Expanding/vibrating field

The *Ghora* state is activated during *mantra* chanting, indicating the system is energized, engaged, and ready to perform actions like takeoff, navigation, or transformation.

Interpretation: This is akin to energy modulation — where you excite a system to its operating frequency. It mirrors how resonant field systems must be agitated to a critical energy threshold to initiate function.

Summary Interpretation

Ancient Concept	Modern Equivalent
<i>Mantra</i> -induced propulsion	Sonic/Resonant vibration-based energy systems
Fire as symbolic element	Plasma ignition / Radiant field activation
Mouth articulation effects	Bioacoustics / Sonic control mechanisms
Five element states	Phase transitions / Field excitation levels
ESP-based navigation	Consciousness-driven interfaces / Neural AI

The operation of the *Pushpaka Vimana* through *mantras* like *Siddhamba* and *Bhairavi* represents a unique blend of sound, consciousness, and elemental energy principles. Far from being metaphorical, these descriptions align with advanced theories of resonant energy propulsion, sonic activation, and symbolic AI control systems — where the human being is not just a pilot but an energetic operator of the craft.

TELEPATHIC COMMUNICATION AND ESP CONTROL

“Telepathic Communication and ESP Control” in the operation of the *Pushpaka Vimana* — ideal for research, scientific mythological discourse, or educational presentations.

The *Pushpaka Vimana* is not just an aerial vehicle — it is portrayed as an intelligent, conscious-responsive craft that operates through telepathy and extra-sensory perception (ESP). These descriptions reveal a vision of non-verbal, non-mechanical control systems where mind and machine are seamlessly integrated.

Telepathic Control through Meditation:

Sri Rama, after using the *Vimana* to return from Lanka to Ayodhya, tells it: “You stay in the sky. When I remember you, come back to me.” This indicates that no levers, buttons, or speech were needed.

The *Vimana* was programmed through meditative intention — a form of consciousness interface where the craft could:

- Receive mental signals
- Store instructions

- Execute commands upon thought recognition

Modern Parallel:

This anticipates Brain-Computer Interfaces (BCIs) and Neural Control Systems, where devices respond to EEG patterns, mental focus, or thought commands — still in their infancy today.

Summoned from Deep Space through Thought:

The *Vimana* is said to have waited in space — perhaps in a Geosynchronous orbit or deep-space orbit — and returned instantly without radio, gesture, or sound.

It was fully capable of:

- Deep space stationing
- Signal reception from human consciousness
- Self-navigation to Earth coordinates upon recall

Scientific Interpretation:

- This is analogous to quantum entangled communication, scalar wave transmission, or consciousness-based quantum resonance.
- It may imply non-local communication beyond electromagnetic waves — the kind that modern physics suggests could enable faster-than-light information transfer.

ESP-Based Navigation and Behavior:

The *Vimana* exhibited Extra-Sensory Perception (ESP):

- It sensed the emotional and mental state of the user.
- It could determine when to act, where to go, and how to respond.

This shows the craft had a living, reactive quality, possibly guided by:

- AI trained on bio-energetic or mental inputs
- Consciousness fields, or even
- A spiritual sentience, as suggested in some Upanishadic theories of matter.

Summary Interpretation

Ancient Feature	Modern Scientific Parallel
Telepathic summoning	Brain-computer interface / Neural link activation
Meditation-based control	EEG-triggered automation / Thought wave interface
No mechanical or vocal input	Silent-mode control systems / Quantum communication
<i>Vimana</i> waiting in space	Orbital loitering drones / Satellite recall tech
ESP-driven behavior	Emotion-AI, Empathic robotics, Bio-resonant AI

Theoretical Foundations

This concept assumes:

- Consciousness is not limited to the brain, but is a field that can be sensed, received, and processed by other sentient systems.
- Machines can be designed to respond to intention, attention, and memory recall — ideas being explored in quantum neuroscience and noetic sciences.

The *Pushpaka Vimana*'s telepathic and ESP-based control reflects an ancient understanding of mind-machine integration that goes beyond today's technology. Controlled not by hands, but by awareness and intention, this *Vimana* operated as a sentient spacecraft, capable of receiving thoughts, waiting in space, and responding to memory recall. It suggests that the ancients envisioned (or experienced) a time where consciousness and technology were one — a concept now resurfacing in frontier science.

COMPARATIVE ANALYSIS WITH MODERN AEROSPACE TECHNOLOGIES

Pushpaka Vimana vs. Modern Aerospace Technologies

Feature	<i>Pushpaka Vimana</i> Description	Modern Aerospace Equivalent	Current Status / Gap
Pilotless Operation	Operates without human pilots or training	Drones, autonomous aircraft (e.g., Global Hawk, X-47B)	Limited to pre-coded paths; lacks full independence in unknown environments
Conversational Interface	Responds to spoken or mental commands	Voice assistants in aircraft (e.g., Alexa, Siri, AI copilots in experimental stages)	Early stage; lacks emotional intelligence or contextual understanding
Shape Shifting	Can change size/form dynamically	Morphing wings, origami-based foldable drones	Still in experimental phase; no aircraft can drastically change mass/form
Telepathic Control	Controlled via thought and intention, no physical input	Brain-computer interfaces (BCIs), Neuralink prototypes	Very early research; limited to simple tasks like cursor control
Fuel Dependency	No fuel needed	All current aircraft depend on fuel (jet fuel, electricity, hydrogen)	No known fuel-free propulsion in practice

Self-Energy Generation	Generates and stores its own energy from unknown internal source	Solar-powered UAVs (e.g., Zephyr), theoretical zero-point energy concepts	Energy autonomy remains limited; speculative for zero-point or over-unity systems
Invisibility	Can remain undetected, possibly via cloaking mechanisms	Radar-absorbent materials (stealth), optical camouflage under development	Partial stealth available; optical invisibility still experimental
Speed of Mind Travel	Travels at the speed of thought or instantly	Warp drive concepts, quantum tunneling theories	Not yet achievable; only hypothetical in current physics
Deep Space Wait Mode	Can remain in orbit or space indefinitely and return when summoned	Orbital drones and satellites (e.g., X-37B)	Cannot be mentally summoned; still requires radio control or automated timers
Luxury Customization	Adjusts environment to suit passenger mood, provides visual, edible, and seasonal comforts	Business jets with luxury interiors, adaptive lighting, entertainment systems	No intelligent mood-based reconfiguration or food replication yet
Repair-Free Operation	Self-healing and requires no maintenance	Self-healing materials in R&D (e.g., polymers that repair microcracks)	Still experimental; real aircraft require constant maintenance
Indestructibility	Cannot be destroyed by any known weapon	Armoured spacecraft, EMP shielding, hardened drones	Not truly indestructible; current tech can always be overwhelmed

While modern aerospace engineering has made remarkable progress in autonomous flight, stealth, and luxury customization, many features of the *Pushpaka Vimana* still lie in the realm of speculative physics, consciousness science, and advanced material science.

Nikola Tesla, one of the greatest inventors and visionaries of the modern age, conducted extensive research on energy, vibration, and resonance, which he considered fundamental to understanding the secrets of the universe. His insights into the interconnection between matter and energy anticipated several principles that later emerged in modern physics, particularly in the study of quantum fields and resonant energy phenomena.

Pushpaka Vimana represents:

- A fusion of consciousness and technology
- Zero-point energy or field-based propulsion
- Intelligent behavior beyond current AI
- Integration of luxury, power, and sentience in aerospace design

Comparing *Pushpaka Vimana* to modern aerospace technologies based on realism.



CONCLUSION – REDISCOVERING THE *PUSHPAKA VIMANA*

The *Pushpaka Vimana*, as illustrated in ancient Indian scriptures such as the *Ramayana*, *Vimana Shastra*, and other Vedic texts, represents a profound confluence of spiritual wisdom and advanced aerospace technology. Far from being a mythological fantasy, its described features — pilotless control, telepathic navigation, shape-shifting design, self-energy generation, and conscious responsiveness — suggest the presence of a technologically superior civilization operating on principles beyond current scientific understanding.

Unlike conventional aircraft driven by mechanical propulsion, the *Pushpaka Vimana* appears to function through *mantras*, elemental energies, and thought resonance, implying an integration of consciousness with technology — a field only now being explored through neural interfaces, quantum physics, and noetic sciences.

Pushpaka Vimana may be a symbol and scientific blueprint from an era when human intellect was aligned not only with physics but also with higher dimensions of awareness and energy fields.

FUTURE SCOPE

To truly comprehend and potentially recreate such ancient innovations we must adopt an interdisciplinary research framework involving:

- Vedic literature analysis
- Aerospace and propulsion sciences
- Consciousness studies
- Material and vibrational energy research

This approach may not only reveal lost technologies but also redefine our perception of intelligence, matter, and mobility.

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Statements and Declaration:

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