
Project Sky-Horse™

“Different approach is the foundation of extraordinary creation”

Project overview

Reinventing Aerial Propulsion for the Next Generation

Project Sky-Horse™ is an advanced R&D initiative under Eleven String Pvt. Ltd., focused on developing a **new class of propulsion systems** that go beyond traditional engine technologies.

Unlike conventional systems such as jet engines, rotary engines, and solid fuel propulsion, Sky-Horse aims to create a **lightweight, efficient, and cost-effective engine architecture** specifically designed for modern aerial applications.

This innovation is envisioned to power:

- Next-generation drones
- Anti-drone missile systems
- Advanced aerial defense platforms

The Problem

Current propulsion systems face multiple limitations:

- High cost of manufacturing and operation
- Heavy and complex engine structures
- Limited efficiency in small-scale aerial systems
- Dependency on traditional fuel and mechanical constraints

These challenges restrict innovation in drone warfare and aerial defense technologies.

The Vision

Sky-Horse™ is designed to break these limitations by introducing a **new propulsion paradigm** that is:

- Lightweight and compact
- Cost-efficient and scalable
- Adaptable for multiple aerial systems
- Optimized for high-speed and precision operations

R&D Focus Areas

1. Alternative Engine Architecture

Developing a fundamentally new engine design that differs from traditional propulsion systems.

2. Lightweight Engineering

Reducing structural weight while maintaining high performance and durability.

3. High Efficiency Systems

Maximizing thrust-to-weight ratio for better aerial performance.

4. Scalable Integration

Designing engines that can be integrated into:

- Micro drones
- Tactical drones
- Anti-drone missile systems

Key Advantages

- Next-generation propulsion technology
- Lower cost compared to traditional engines
- High adaptability across platforms
- Compact and lightweight design
- Suitable for mass deployment

Strategic Impact

Project Sky-Horse™ has the potential to bring both:

Regulation

- Standardization of new propulsion technologies
- Efficient deployment in defense ecosystems

Revolution

- Redefining how aerial systems are powered
- Enabling faster, smarter, and more scalable air defense solutions

Project Status

Stage: Concept & Advanced R&D Planning

Next Step: Prototype architecture development

Ecosystem Position

Sky-Horse™ acts as the **core propulsion backbone** within the Eleven String innovation ecosystem, supporting:

- Sky-Astra™ (Anti-Drone Systems)
- Future aerial defense platforms
- Advanced drone technologies

Collaboration & Investment

We are actively seeking:

- Aerospace engineers & researchers
- Defence collaborators
- Strategic partners
- Early-stage investors

👉 Join us in powering the future of aerial technology..

Anand Jaiswal

founder: Eleven String Pvt. Ltd.

Contact: 8799763700 elevenstring011@gmail.com

Website : Elevenstringg.com
