

# XTI AEROSPACE

Powering the vertical economy.

**CORPORATE PRESENTATION**  
**June 2025**







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“ Powered lift aircraft are the first new category of aircraft in nearly 80 years and this historic rule will pave the way for accommodating wide-scale Advanced Air Mobility in the future. ”

MIKE WHITAKER

Former Federal Aviation Administration (FAA) Administrator  
October 22, 2024

We believe the regional powered-lift sector (VTOL) was the most overlooked economy in aviation until this year.

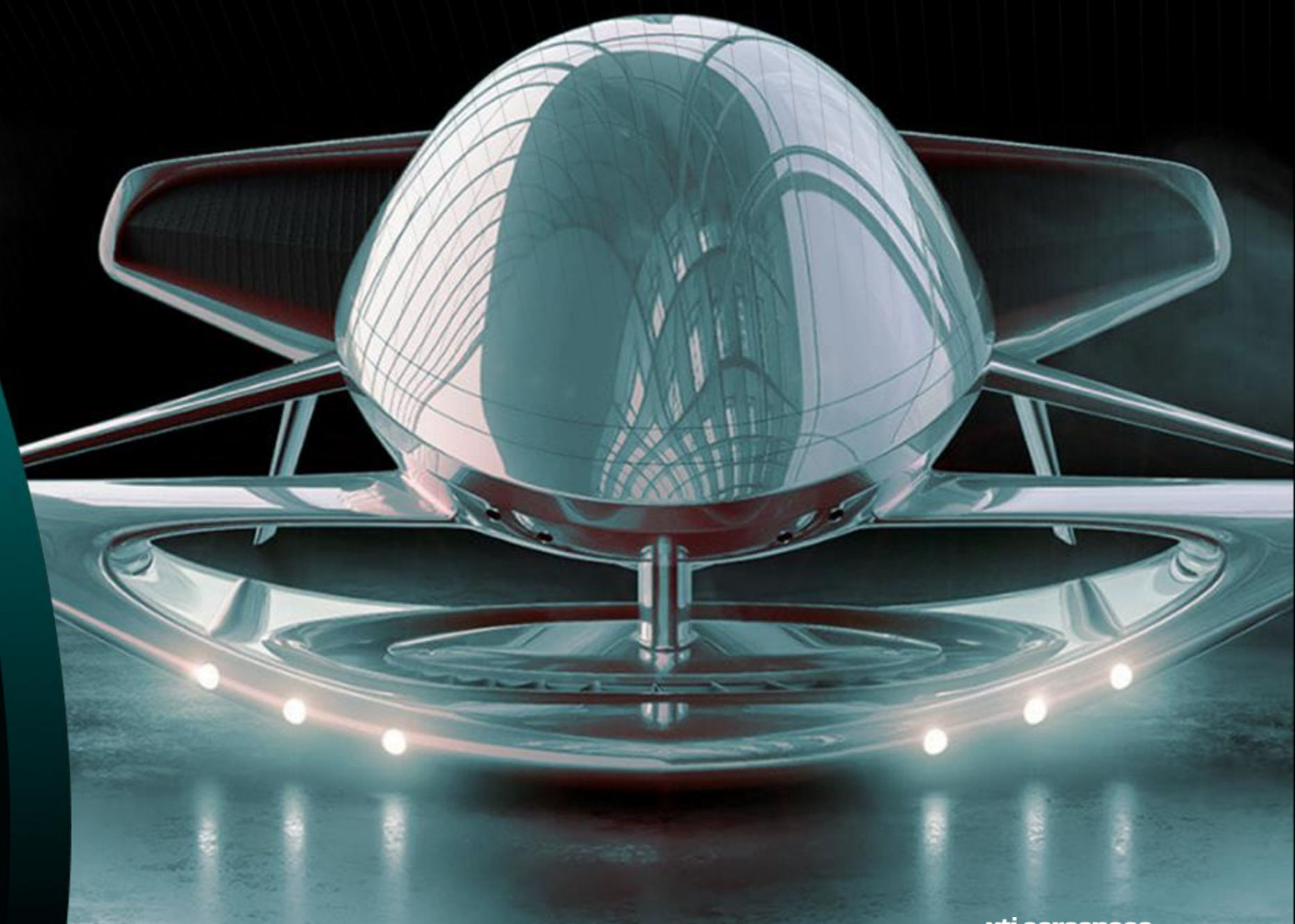
VTOL EXPECTED GROWTH

**\$1T** ↗ **\$9T**

By 2040

By 2050

\* eVTOL/Urban Air Mobility TAM Update: A Slow Take-Off, But Sky's the Limit - Morgan Stanley





# xVTOL

## MARKET OPPORTUNITY

URBAN eVTOL  
100+ Competitors

 ARCHER

 Joby  
AVIATION

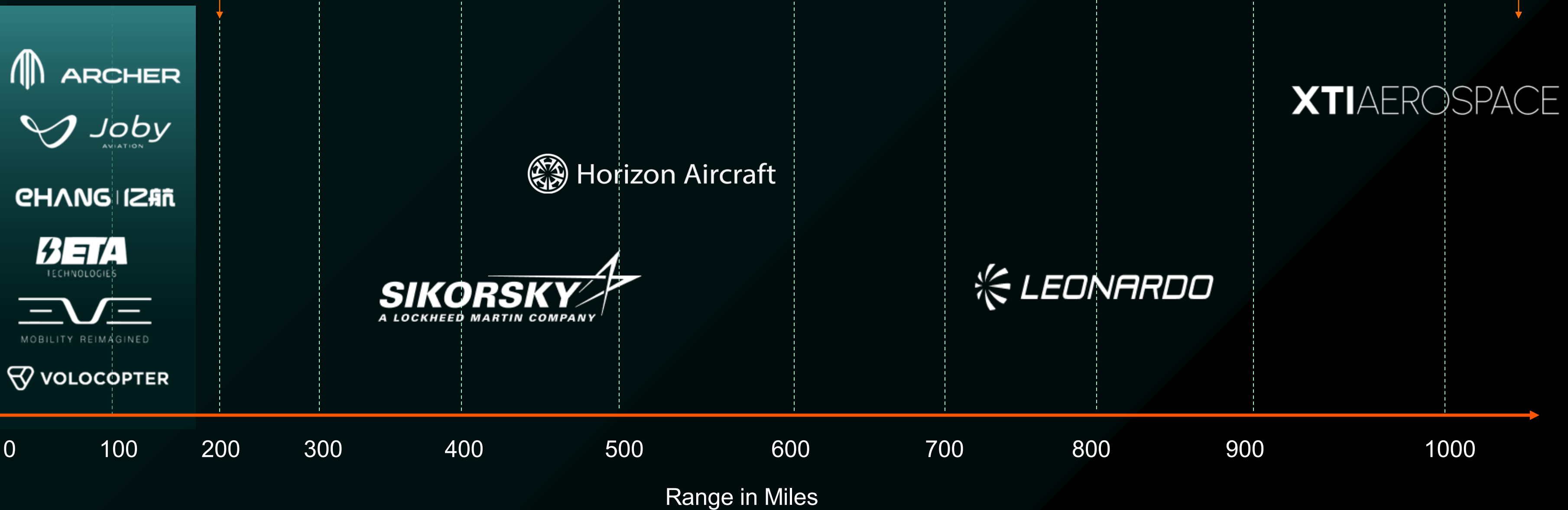
 eHANG | 亿航

 BETA  
TECHNOLOGIES

 EVE  
MOBILITY REIMAGINED

 VOLOCOPTER

REGIONAL xVTOL  
Less than 5 Competitors  
*No New Infrastructure Required*



\*Our TriFan 600 airplane is under development. Estimated performance based on our preliminary analysis. Subject to change and FAA certification.





# xVTOL INNOVATION

The **XTI xVTOL solution** will help power the emerging Vertical Economy.

## 7 Pillars of the Vertical Economy:

- Manned Aircraft
- Unmanned Aircraft (UAS)
- Power Technology
- Airspace & Infrastructure Management
- Artificial Intelligence
- Aircraft Advanced Materials
- Next Gen Manufacturing



### Revolutionary Airplane

We believe our airplane technology transforms regional mobility with VTOL capabilities and jet-like performance.



### Partnering With Leaders

We are building partnerships with world class organizations and industry innovators.



### Seamless Certification

Leveraging largely pre-certified components improves speed to market.

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## Helicopter

150 mph, up to 300 miles

- Vertical take off
- Hover capability
- Limited speed
- Limited range
- Limited payload



## Airplane

300+ mph, 800+ miles

- Regional travel
- Pressurized cabin
- Faster cruising speeds
- Runway needed
- Limited landing options
- Flyers commute to airport

# xVTOL ADVANTAGE

Traditional aircrafts have  
pros and cons.

Owners shouldn't  
have to choose.

Regional xVTOL  
blends the best of  
helicopters and planes.

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# TriFan 600

## THE OPTIMAL xVTOL SOLUTION



SUPERIOR MAX CRUISE SPEED

**311 mph**



EXTENDED RANGE

**1,000+ miles**



PAYLOAD

**7 Occupants**



PRESURIZED CABIN

**25,000ft Cruising**



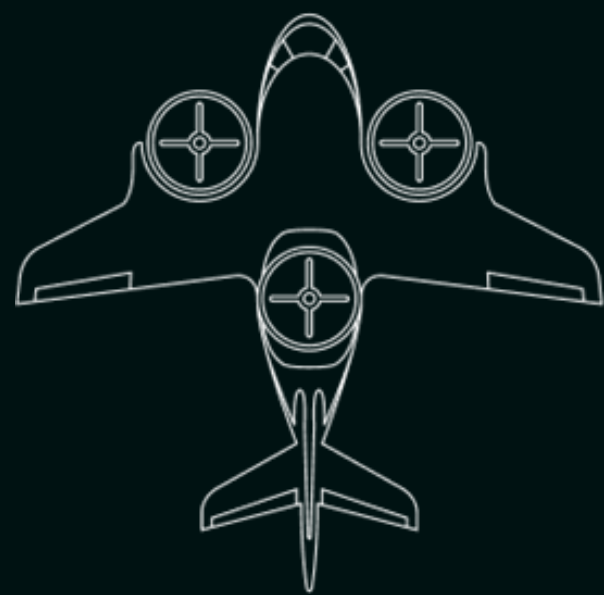
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xti aerospace





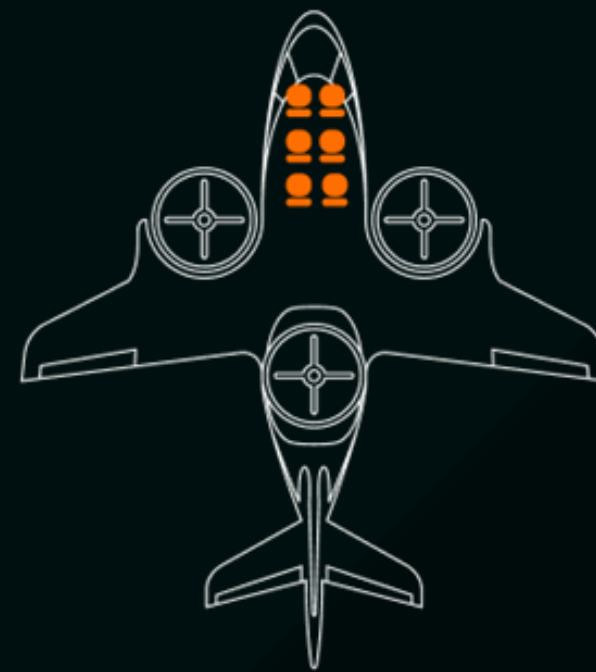
# XTI xVTOL FUTURE PRODUCT FAMILY



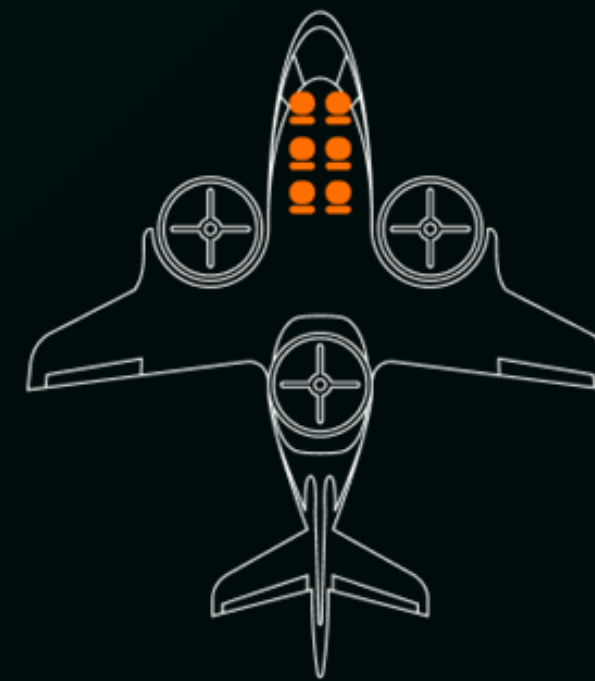
Autonomous / Cargo



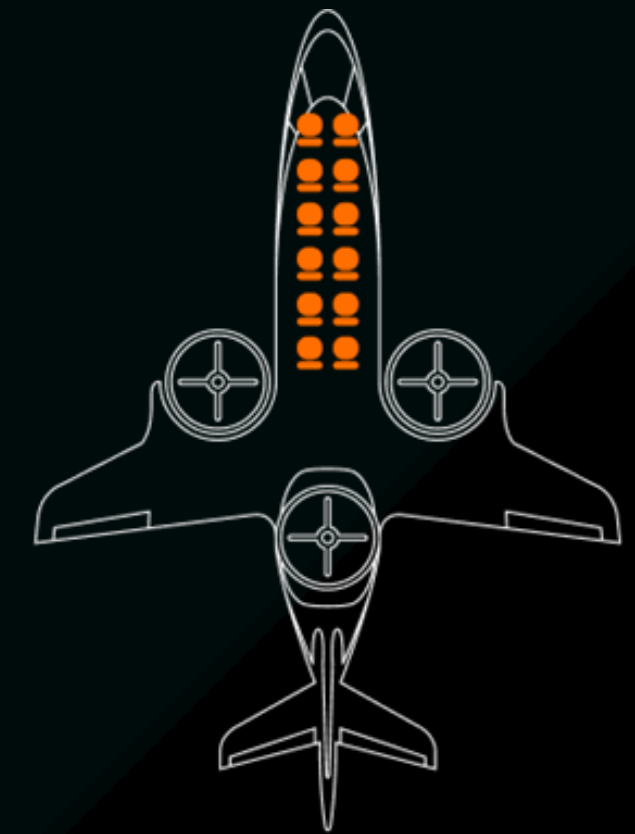
2-4 Seat Payload  
All Electric



Hybrid-electric



Military / Government



8-12 Seat Payload  
Cargo

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# XTI xVTOL

## TARGET MARKETS



### Executive Transport

Private, Corporate, Charter,  
Fractional



### Regional Transport

City Center to City Center  
or Rural Destination



### Medical & Disaster

EMS and 1<sup>st</sup> Response  
Configurations



### Government & Military

Agency Mission Capable

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# 2-3x

## REVENUE POTENTIAL

The TriFan 600 flies 2X as fast and 3X as far as helicopter, potentially increasing opportunities for operators.

# 40-60%

## LOWER COSTS

Projected operational costs are significantly lower than comparable solutions in the market.

# 1.4bn

## POTENTIAL REVENUE

1.6bn in potential additional revenue

# 140

## CONDITIONAL PURCHASE ORDERS

154 Non-binding Reservations & Options

# xVTOL FIRST

Lifting the vertical economy  
requires xVTOL.

Three times as **FAR** and twice as  
**FAST** increasing  
opportunities for operators.

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# Federal Tailwinds: **EXECUTIVE ORDER VALIDATES XTI'S VISION**

January 6, 2025

## Executive Order on Advanced Aerial Systems

President Trump's Executive Order marks a pivotal moment in U.S. aerospace strategy—validating XTI's xVTOL leadership and creating new pathways to deployment

### Strategic Implications for XTI Aerospace

- **Federal Recognition of VTOL:**

Officially acknowledged as essential to next-gen mobility.

- **eVTOL Integration Pilot Program (eIPP):**

Launch of a new testbed; *XTI fully intends to pursue participation in the Pilot program as an alternative advanced aviation aircraft, consistent with Section 6(vii) of the Executive Order*

- **Access to Federal Test Ranges:**

Unlocks critical real-world testing capabilities.

- **"Buy American" Momentum:**

Boost for U.S.-built aerial systems in federal and international markets.

**"This Executive Order affirms the operational and commercial necessity of VTOL systems. It's a significant step forward—and one that directly supports the TriFan 600's path to market."**

— Scott Pomeroy, Chairman & CEO, XTI Aerospace

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# Upcoming FUTURE MILESTONES & APPROVAL PATHWAY

## Preliminary Design Review (PDR):

During the preliminary design phase, we evaluate the overall design approach, ensuring that the top-level requirements are satisfied and that the project can move to detailed design and testing.

## First Flight:

The "first flight" marks the culmination of ground testing of structures, systems and subsystems to a confidence level sufficient for the first crewed airborne flight test.

In Process

2027

2030

## FAA Issue Papers:

The G-1 ("Certification Basis") is a foundational document in the FAA aircraft certification process. It designates the specific airworthiness and environmental regulations (e.g., noise, fuel venting, exhaust emissions, etc.) that an aircraft must meet to achieve FAA type certification. The G-1 has four stages and XTI has completed the first stage.

In addition, XTI will submit a G-2 ("Means of Compliance") to the FAA, which defines how XTI will meet the agreed G-1 requirements (i.e., by analysis, by testing, by similarity, etc.).

## Critical Design Review (CDR):

Expect to complete this 1 year after the PDR. During the critical design phase, we and our suppliers perform detailed airplane design and ensure requirements are met before proceeding to manufacturing, integration, and testing.

All the development of the airplane has largely been software based up until this point, to "computer fly them". The CDR is when you freeze the design of the airplane, and cutting of metal can start to happen.

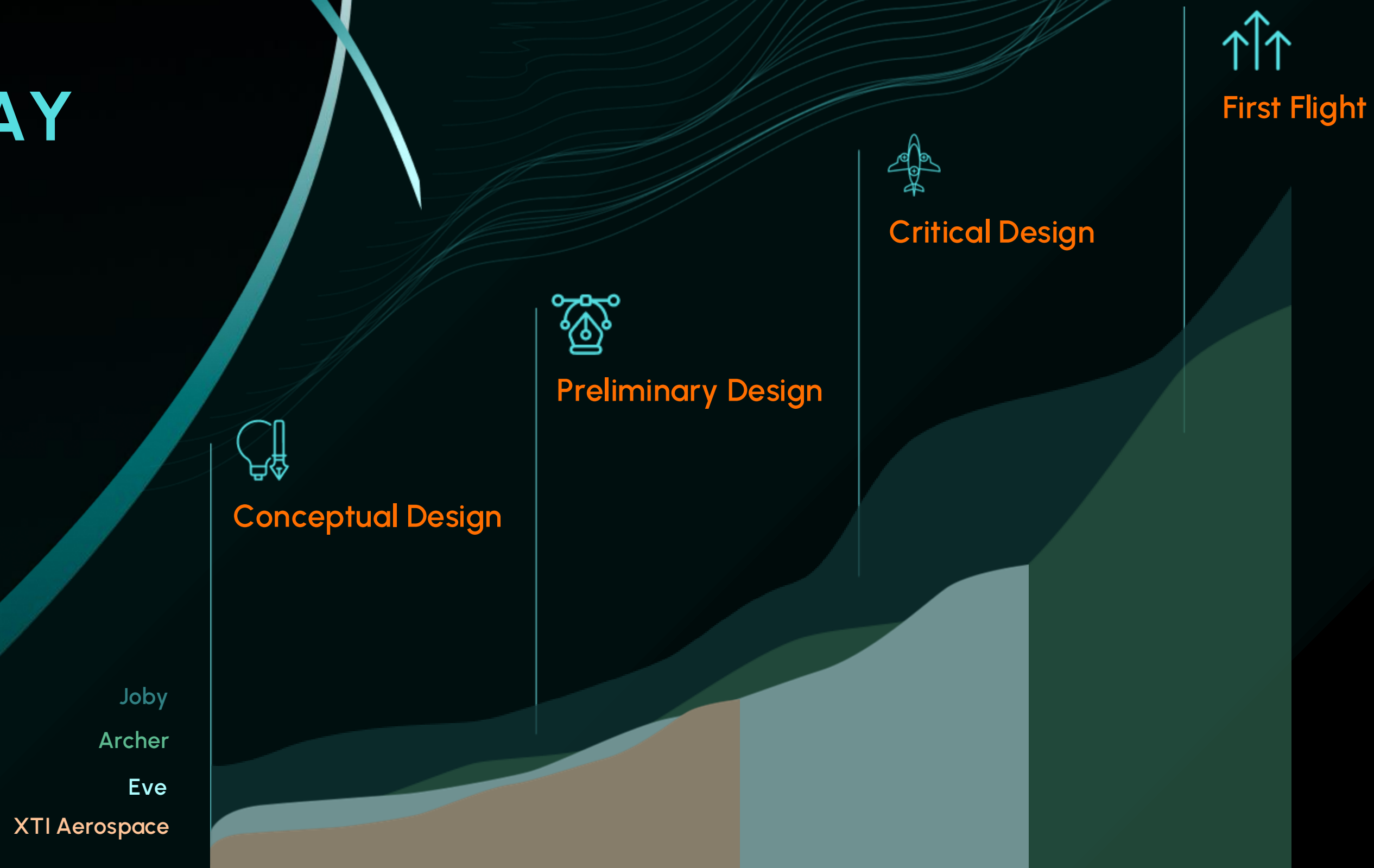
## Type Certification Issued:

Following satisfactory completion of the FAA's certification process to include extensive ground and airborne testing, as well as detailed safety analysis, the FAA issues a type certificate for the TriFan 600 design.

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# Flight PATHWAY



\*Stages for Joby, Archer, and Eve reflect XTI's current understanding based on available information. These assessments have not been publicly disclosed by the respective companies, may be inaccurate, and have not been independently verified.



# CAPITAL PATHWAY

## Conceptual Design

140 Conditional Pre-orders & 154 Non-binding Reservations & Options worth \$3.0B in Potential Revenue.

### CAPITAL SOURCES:

- + Reg. A
- + Private Investment
- + Pre-Order Deposits

## Preliminary Design

\$100M Capital to be raised

### CAPITAL SOURCES:

- + Public Raise
- + Private Investment
  - o UHNW
  - o Institutionals
  - o Strategics
  - o Sovereign Funds
- + Military/Govt

## Critical Design

\$250M Capital to be raised

### CAPITAL SOURCES:

- + New Pre-Orders

## First Flight

\$300M to \$400M Capital to be raised

### CAPITAL SOURCES:

- + Milestone Payments on Pre-Orders



# BUSINESS LEADERSHIP



**Scott Pomeroy**  
Chairman / CEO

AVX Aircraft Company  
Board Member

GEN3  
Co-Founder of Boutique  
Merchant Bank. \$50M  
raised

Dex Media  
CFO, Managed \$10B  
raises



**Brooke Turk**  
Chief Financial Officer

Springboard Ventures  
CFO Services

CB Scientific, Inc.  
CFO

The Champion Group  
CFO

MADSKY  
CFO



**Tobin Arthur**  
Chief Strategy Officer

Catalyst Fund I  
Managing Partner

Innovation4Alpha  
Founder

AngelMD  
Founder

CureUs  
President



**Len Urbas**  
SVP Corporate  
Development

SDR Ventures  
Independent Director

Waymaker Capital  
Group  
Managing Partner

The Signatry  
Regional President

# ENGINEERING LEADERSHIP



**Don Purdy**  
SVP & Interim  
President

Collins Aerospace  
Director of Strategy  
Development

Honeywell, Inc.  
Business Development



**Charlie Johnson**  
Chief Operating  
Advisor

Cessna  
President

Living Legends of  
Aviation  
Member

Aviation Halls of  
Fame Kansas &  
Colorado

U.S. Air Force  
Fighter Pilot



**Dave Ambrose**  
VP Engineering

XTI  
Director Air Vehicle  
Integration

Aerion Supersonic  
Vehicle Integration  
Lead

Lockheed Skunk Works  
F35 Joint Strike Fighter

Cessna  
Propulsion Engineer



**Keith Davis**  
VP Programs

XTI  
Director Program  
Management

Aerion Supersonic  
Senior Project Engineer

NORDAM  
Senior Program  
Manager

Northrop Grumman  
Senior Engineer



# THANK YOU.





# APPENDIX





# COMPANY OVERVIEW

- We are developing a regional vertical takeoff and landing (“VTOL”) airplane, the TriFan 600, designed to take off and land like a helicopter and cruise at the speed and range of a fixed-wing business airplane.
- We are currently engaged in developing the aerodynamic performance and top-level engineering design of the TriFan 600.
- The TriFan 600 is expected to be one of the first civilian fixed-wing, regional VTOL airplanes that offers the speed and comfort of a business airplane and the versatility of VTOL for a wide range of customer applications. We refer to this new category of VTOL as “xVTOL.”
- Applications include:
  - Business / Private travel
  - Military – troop transport, reconnaissance etc.
  - Regional charter
  - Emergency medical services
- XTI has generated 140 conditional pre-orders & 154 non-binding reservations & options equating to over \$3B in potential future revenue.







# Recent Milestone Accomplishments

- **Type Certification Application Filed:** The FAA accepted our type certification application for the TriFan 600.
- **Launched a Prototyping and Innovation Lab:** Launched a prototyping and innovation lab within The HIVE in Grand Forks, North Dakota.
- **Fuel System Design Optimized:** Optimized the fuel system design of the airplane which increased the wing fuel volume from approximately 300 gallons to 400 gallons, improving maximum range and mission length.
- **Air Intake Improvements:** Improved the air intake and exhaust design to enhance performance and efficiency of the airplane's propulsion system.
- **Downwash / Outwash Study Complete:** Completed the downwash / outwash study allowing us to understand the airflows generated by the airplane during vertical takeoff and landing to evaluate safety and performance.
- **Global Finite Element Model Completed:** Completed this large-scale structural model to simulate aircraft behavior.
- **Key Supplier-Partners Selected:** Selected key supplier-partners, including Triumph Gear Systems, Inc., for the design, development and manufacture of the drivetrain system.

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# Potential Global Opportunity

Global interest in vertical aviation is accelerating and leading to investment, manufacturing deals and planned air transport programs.

- On June 03, 2025, it was announced that Abdul Latif Jameel and Joby Aviation agreed to explore opportunities for electric aircraft in Saudi Arabia.
  - Abdul Latif Jameel is a brand name associated with a portfolio of diversified independent businesses established by the Saudi Jameel family.
  - Joby Aviation, Inc. (NYSE: JOBY) is a California-based transportation company developing an all-electric, vertical take-off and landing air taxi.
- Archer announced a multi-hundred million dollar investment commitment from the Abu Dhabi Investment Office (ADIO).
- The Qatar Investment Authority (QIA) invested in the Beta Series C which totaled \$318M in 2024.
- Toyota has committed over \$984mm to Joby Aviation and to date, has deployed \$644mm of that committed investment.