TriFan 600
Hybrid-Electric VTOL

This Changes Everything!
XTI is Bringing High Efficiency Point to Point Travel to Aviation

The Speed and Range of a Business Jet

The Convenience of a Helicopter
Advances in technologies overcome historical challenges
Result is greater performance and increased safety

Three Ducted Fans
- Forward: 6 ft-dia pivoting fans
- Aft-body: Two 5 ft-dia fans; closed for forward flight

Advanced Flight Controls
- Reduced Pilot Workload
- Stability Enhancement

1,000 SHP Engine
- Light-weight
- Reliable, fuel efficient, powers 3 generators (redundant)
- Generators power electric motors

Dual Electric Motors
- Two per fan, 260 kW each
- Redundant – can operate with one
- Provide 1.30 thrust factor

Energy Storage Unit (Batteries)
- 3 battery packs
- Provide Supplemental Lift in VTOL Mode
- Re-charged during flight
XTI’s Prototype at 700 lbs does come under 107

XTI investigated several FAA test sites, all of which were adequate with regard to facilities, etc.

We had varying degrees of confidence with regard to obtaining approvals

Ultimately, we decided to work with Deseret UAS to identify a site and obtain approvals

This decision was based on ease of working with Deseret UAS and confidence in obtaining the support needed
**Schedule Outline**

- **Today**
  - Conceptual Design

- **Year 1**
  - 65% Scale Prototype (March 2019)
  - Build / Fly Test Aircraft

- **Year 2**
  - Full Scale Test Aircraft
  - Preliminary Design

- **Years 3&4**
  - Second and Third Test Aircraft
  - Ground / Flight Tests

- **Year 5**
  - Certification
  - Production
  - FAA Certification

**Major Milestones**

- Certification Test Begins
- Cert Test and Production Readiness
- Production Readiness