



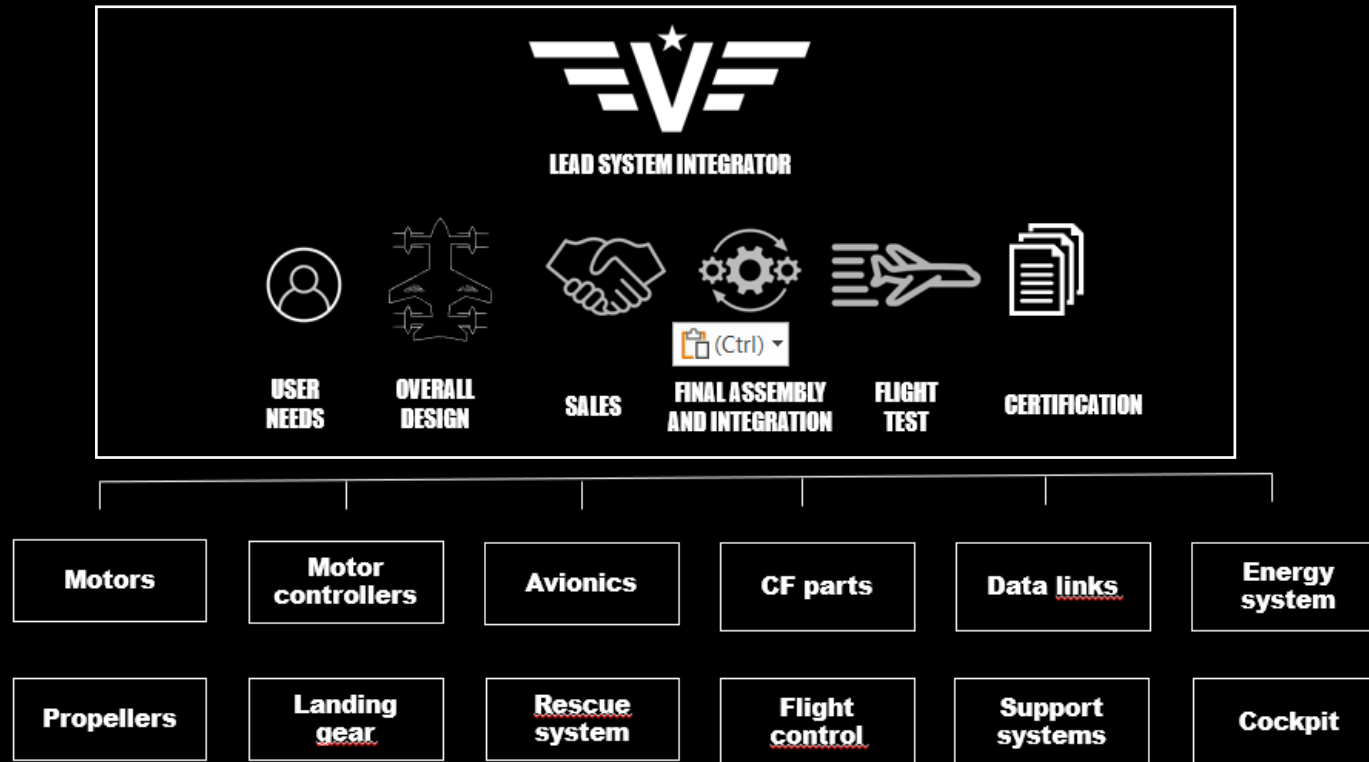
VCraft Aeronautics

Swedish High-Capacity Tiltrotor UAS and eVTOL Innovation

Flygteknik 2025

VCraft Aeronautics

- Developing next-generation eVTOL aircraft in Sweden since 2021
- Efficient and agile team. Powerful partnerships.



VCraft Aeronautics

Corporate lead



Peter Jansson, CEO

- Co founder of VCraft Aeronautics
- Long experience of military aircraft systems at Swedish Materiel Administration
- PMI Certified program manager
- Experience of management of complex military aviation programs
- 15 years experience of the JAS39 Gripen system
- 8 years as ISTAR Capability manager for Gripen E
- Private pilot license



Johannes Johansson, CTO

- Co founder of VCraft Aeronautics
- Chairman of the board
- Long experience of military aircraft systems at Swedish Materiel Administration
- 17 years experience of the JAS39 Gripen system
- 12 year as Armament Capability manager for Gripen E
- Research experience from FOI

Bord member



Marie Louise Rösiö

- Long experience of running companies as a business manager and CEO
- Share holder
- Military background with experience from overseas missions
- Long experience of the military market



Göran Almgren

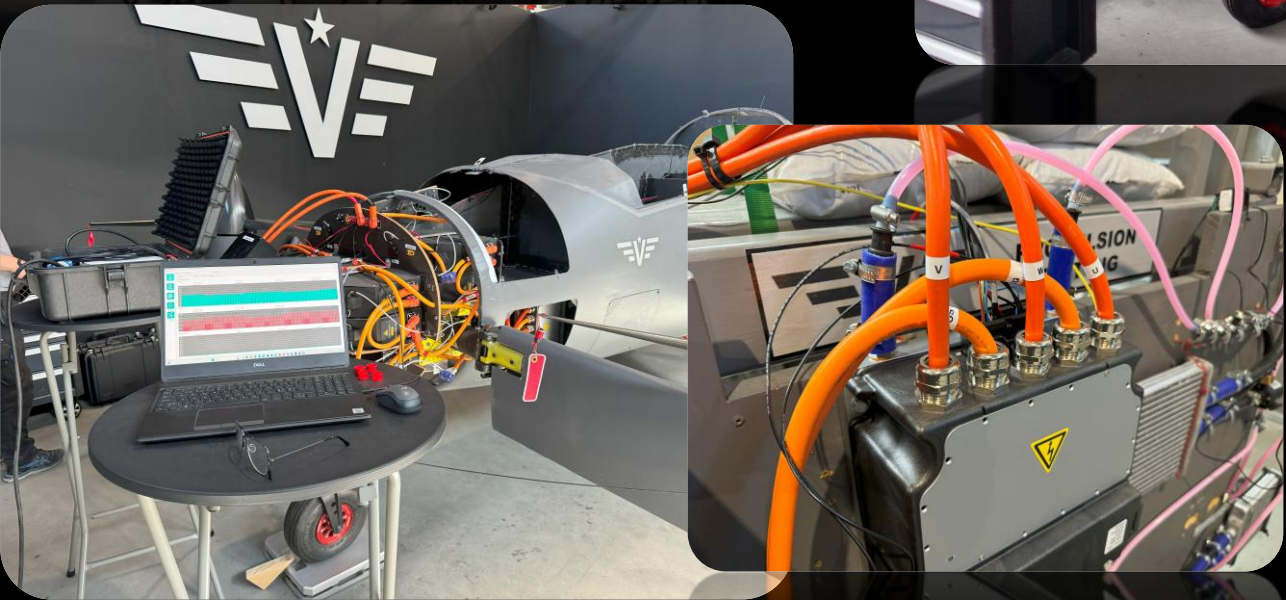
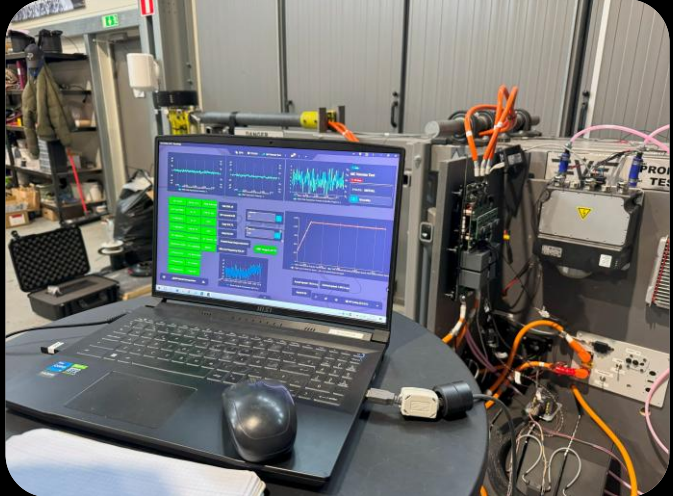
- Long experience as a CEO
- Experience in capital and fund raising
- Share holder
- Founder of Enigio AB
- Background from Nasdaq

Based in Stockholm, Ekerö



VCraft 200

Technology demonstrator



VCraft 125 – Overview

Vertical Takeoff and Landing

Efficient Cruise
High Speed

Rapid Deployment
Quick Turnaround

8x Electric Motors



~6x6m

Battery or Hybrid System

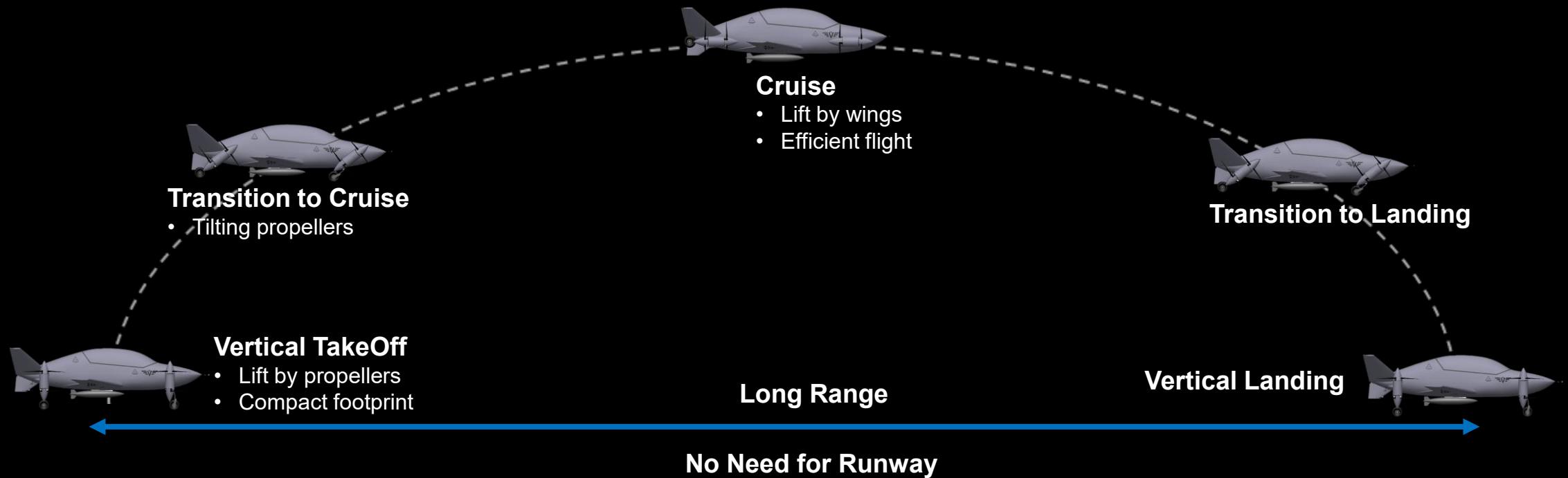
Autonomous or Remotely Operated

100+ kg Internal and External Payloads

Modular Platform
Supporting Multiple Missions

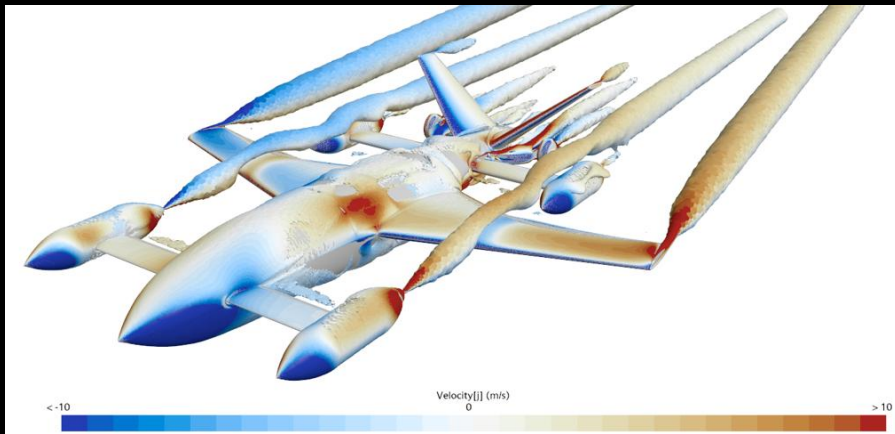


VTOL Capability and Fixed-Wing Efficiency



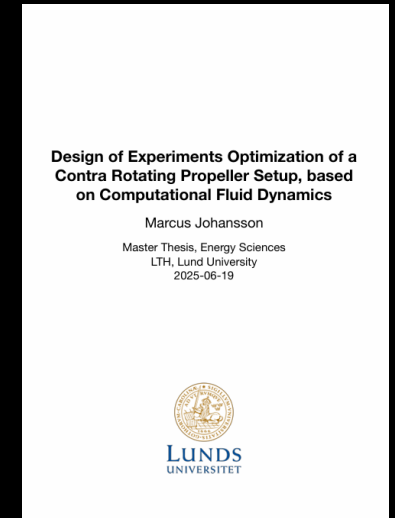
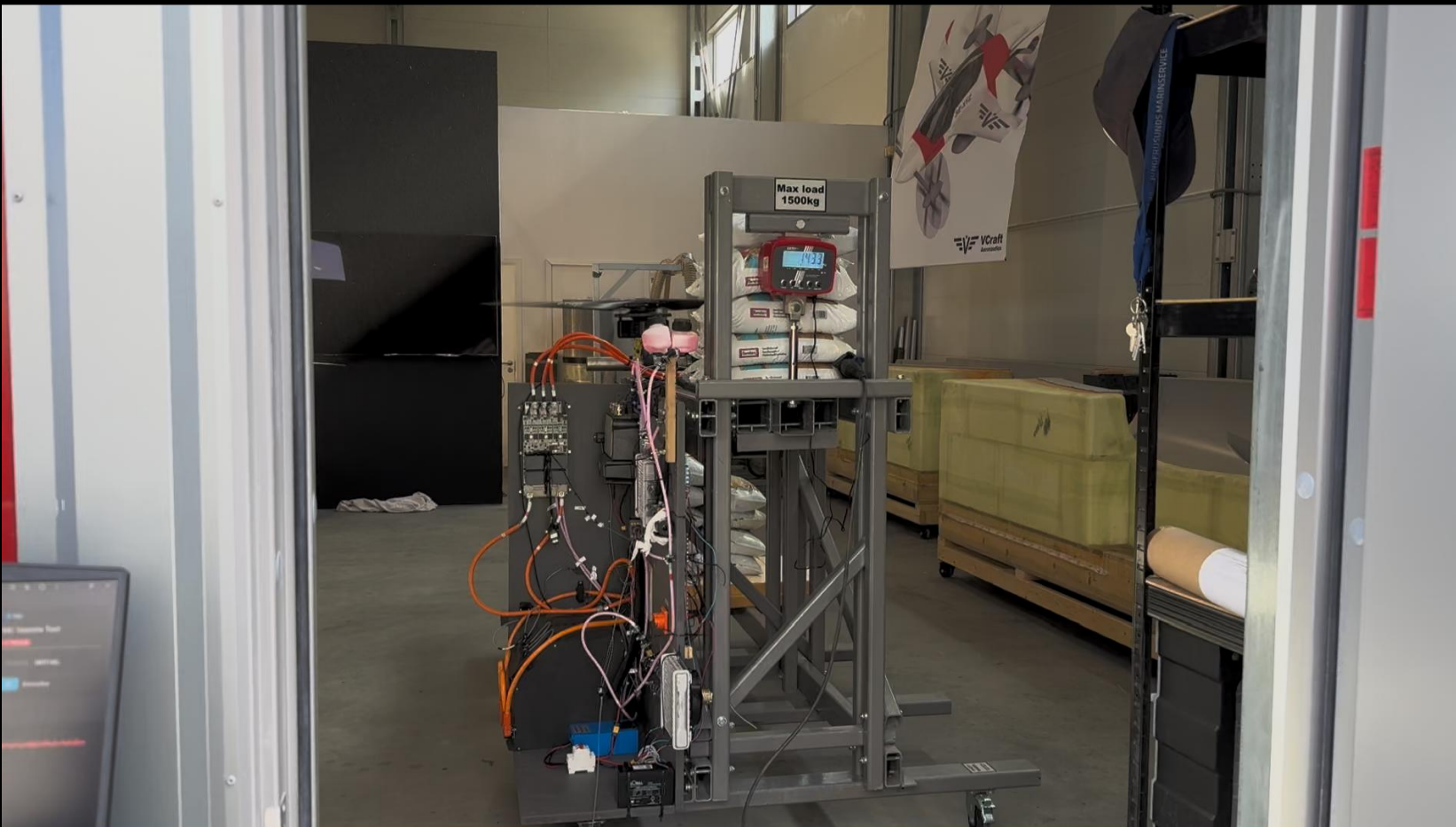
Aerodynamic Complexity – Control Simplicity

- Multiple surfaces, complex aerodynamics
- Our approach: minimize moving aerodynamic surfaces
- Robust, reliable, and cost-efficient manufacturing



Propulsion System

- Redundant system – 8x independent propulsion units
- Cooperation with propeller, motor and motor controller manufacturers
- Sub scale and full-scale propulsion test rigs



Supporting Master Thesis (together with FS Dynamics and LTH) on optimizing contra rotating propellers



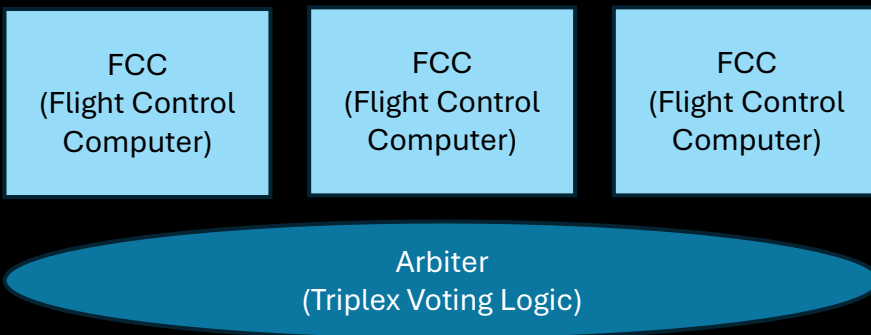
Energy Storage

- Modular battery system – high redundancy
- High energy density for long range
- High power density for VTOL capability
- Future hybrid technology

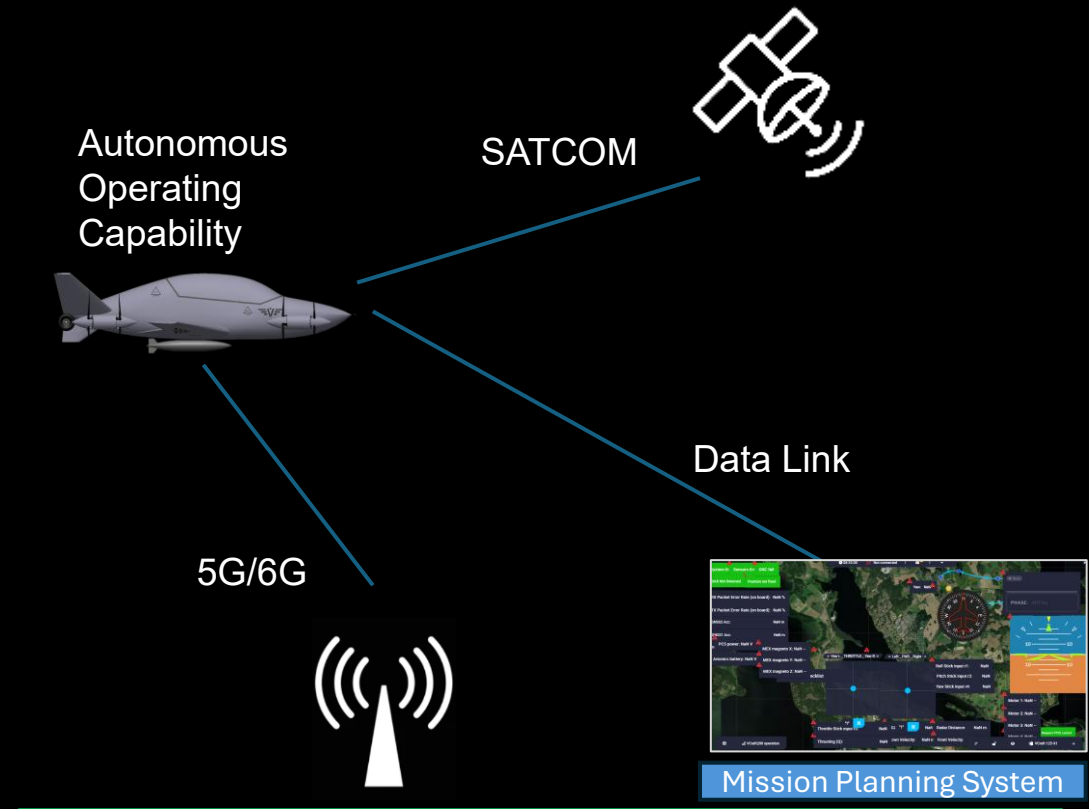


Flight Control & Mission Planning Systems

- Designed with Certification in Mind
- Meeting RTCA Standards (DO-178C, DO-254 etc)
- Modular Architecture
- Redundant Systems

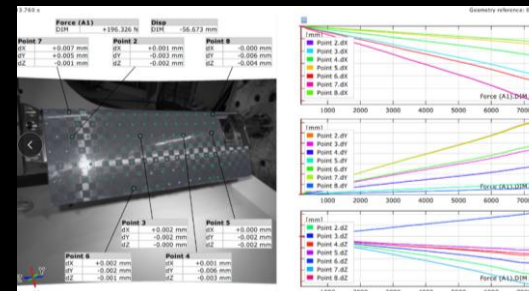
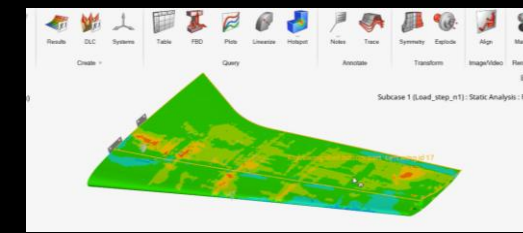
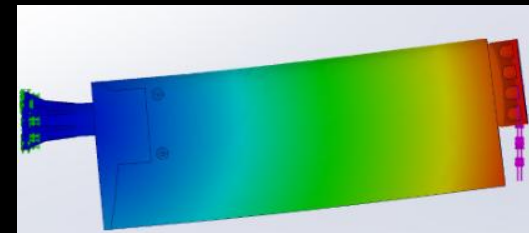


Triple Redundant Flight Control Computer



Structural Design & Materials

- Advanced composites for strength-to-weight optimization
- Manufacturable design – few parts
- RISE collaboration on ultra-lightweight structures – calculations and testing



Civil Applications

- Logistics in remote areas
- Infrastructure inspection
- Environmental monitoring
- Emergency response

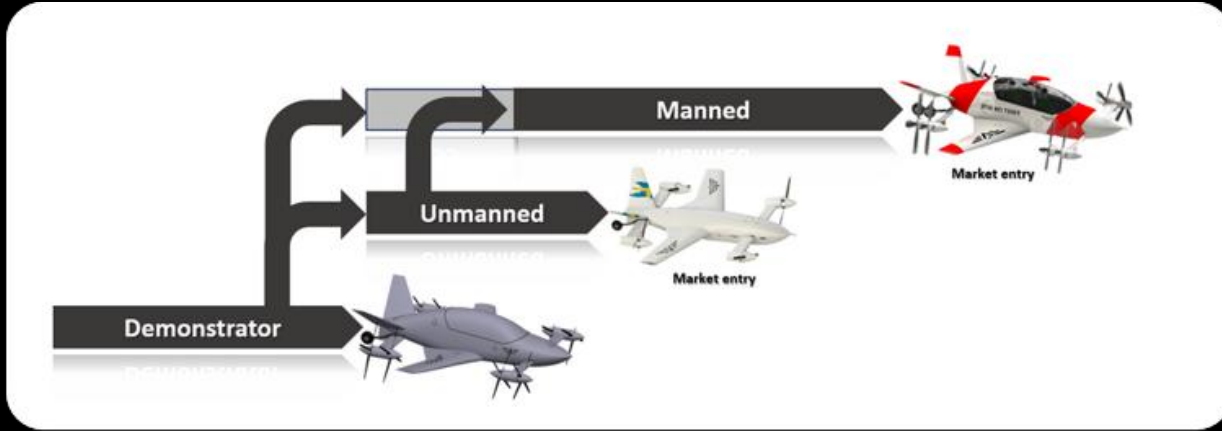


Dual-Use Potential





- Specialized sensors and payloads
- Large number of suitable CONOPS
- Rapid Deployment
- Distributed Team Operations
- Cooperative Engagement



Development Roadmap



- Technology Demonstrator Program
- Current V-Craft 125 UAS Development
- Future variants incl. manned versions
- Civil versions, followed by Dual-Use

	UAS	Manned
Civil		
Dual Use		



Thank You – Questions?



LinkedIn

