

# Autonomy: The Future of Mobility in Aerospace

Sebastien Vigneron

SVP, Engineering & Programs

Wisk Aero

A photograph of a yellow and white Wisk Aero aircraft on a runway at sunset. The aircraft is a high-wing, multi-engine plane with a sleek, modern design. It is parked on a concrete surface, and several other similar aircraft are visible in the background. The sky is filled with soft, golden clouds, and the overall atmosphere is warm and futuristic.

wisk

# Generation 6:

Will be the first FAA-certified commercial autonomous passenger aircraft

Operation	Autonomous w/Human Oversight
Safety Targets	Similar to commercial aircraft
Seats	4
Dimensions	<50 Ft. Wingspan
Range	90 Miles (w/Reserves)
Speed	110-120 Knots
Charge Time	15 Minutes
Storage	Carry-on and Personal Items





# Safe, Certifiable Autonomy

**Bounded** operationally via predetermined routes, procedures, & infrastructure

---

**Designed** deterministically to behave the right way, every time

---

**Architected** to fail safe via redundancy and contingency management

---

**Developed** using commercial aviation development assurance rigor

---

**Verified** using simulation at scale to ensure performance during uncertainty

---

**Supervised** by a human with ability to intervene and interact with ATC