



EMBRAER^X

**Presentation to
Houston City Council**

JOURNEY
OF WONDER 50 →

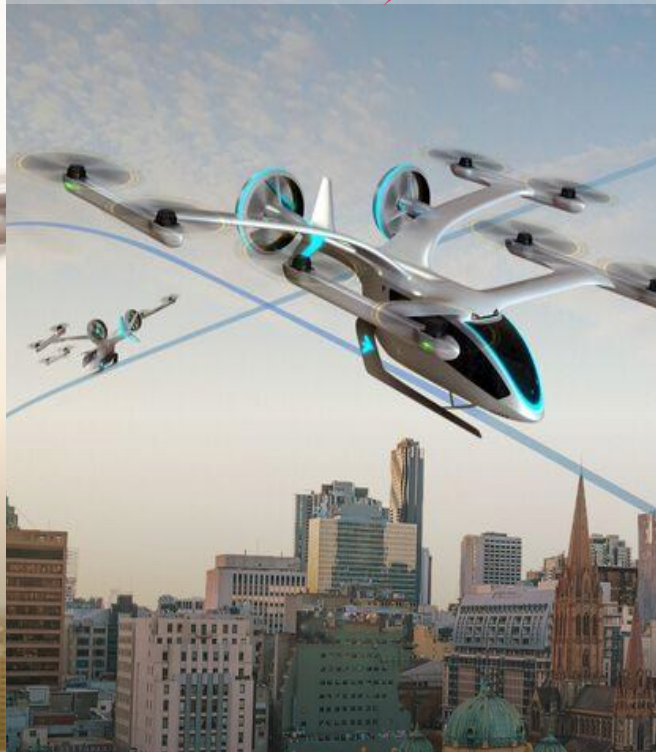


To build and develop **disruptive new businesses** that transform how people engage with the world.

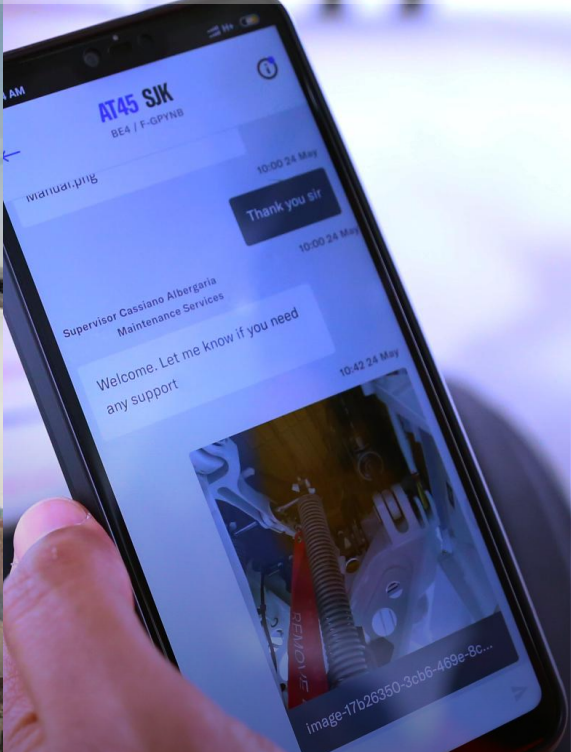
EMBRAER^X
EMPOWERING PEOPLE, TRANSFORMING BUSINESS.



eVTOL
vehicle & more



UATM
air traffic mgt



Beacon
maintenance

**COLLABORATIVE MINDSET
FOR COMPLETE SOLUTIONS**



MOBILITY REIMAGINED



Mission

To bring **affordable on-demand air transportation** technology to all passengers, **improving quality of life**, leading the emerging Urban Air Mobility market and **disrupting the transportation industry**



MOBILITY REIMAGINED



The Urgent Need for UAM



Urban Demographics

Over half the world now lives in urban areas and the absolute urban population is expected to **double by 2050 to ~70%** of the global population⁽¹⁾



Traffic Accidents

Pressure to reduce road traffic injuries, estimated to be the **eighth leading cause of death globally** for all age groups⁽²⁾



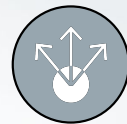
Traffic Congestion

The **proliferation of ride-hailing services has increased traffic congestion** concurrent with record levels of automobile ownership and historic average commute times⁽³⁾



Environmental Benefits

eVTOLs produce **35% lower emissions than internal-combustion road vehicles** traveling the same 100km journey⁽⁴⁾



Democratization of Air Travel

The US Office of Science and Technology Policy (OSTP) recognizes eVTOL and UAM's potential to **democratize affordable air travel**⁽⁵⁾



Economic Benefits

Increasing public and political recognition of traffic congestion's economic costs, with \$88B estimated in lost 2019 productivity in the United States alone⁽⁶⁾

The Urban Air Mobility Opportunity

200B+ TAM
by 2035

900M Users

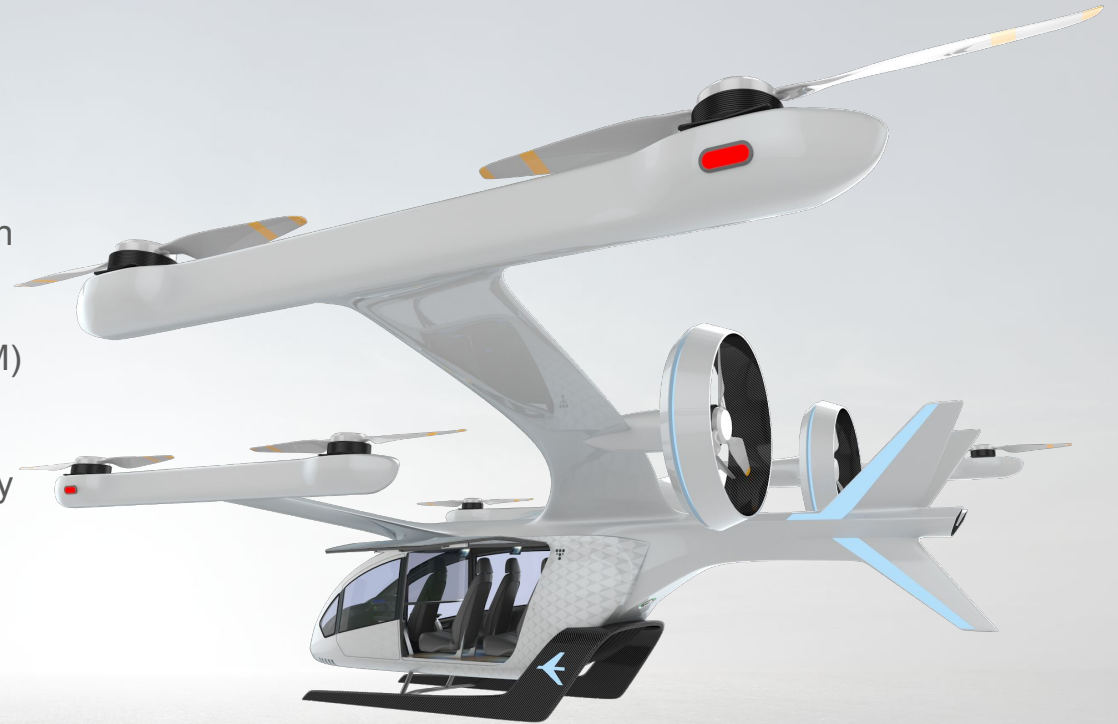
50K Vehicles

“On-demand aviation has the potential to radically improve urban mobility, giving people back time lost in their daily commutes.” – Uber Elevate



Eve at a Glance

- Established as an independent company in October 2020
- Previously incubated for nearly four years within EmbraerX
- Developing a complete Urban Air Mobility (UAM) solution
- Successfully conducted flight simulations in July 2020
- Member of the Uber Elevate Network since its inception in 2017
- Delaware corporation with operations in Brazil and the US



Disruptive Design Specifications



Simple & Intuitive

Optimized for understandable functionality, reliable solutions and minimal complexity



Light Airframe

2,000kg, lighter than a compact car



Peace of Mind

Minimalizes perceived dangers, creating fearless onboarding and confidence in design safety



Efficient Cost

Up to 50% cost-per-seat improvement over existing helicopters at EIS



High Utilization

1,500+ FH / 5,000+ Cycles per year



Robust Range

60 miles (100 km)



Bridge to the Future

Blends pathway to autonomy (e.g. pilot interaction replaced with vehicle inputs) with futuristic design cues



Community Friendly

100% electric with 50% lower mission noise footprint and -15db T.O. noise improvement over helicopters



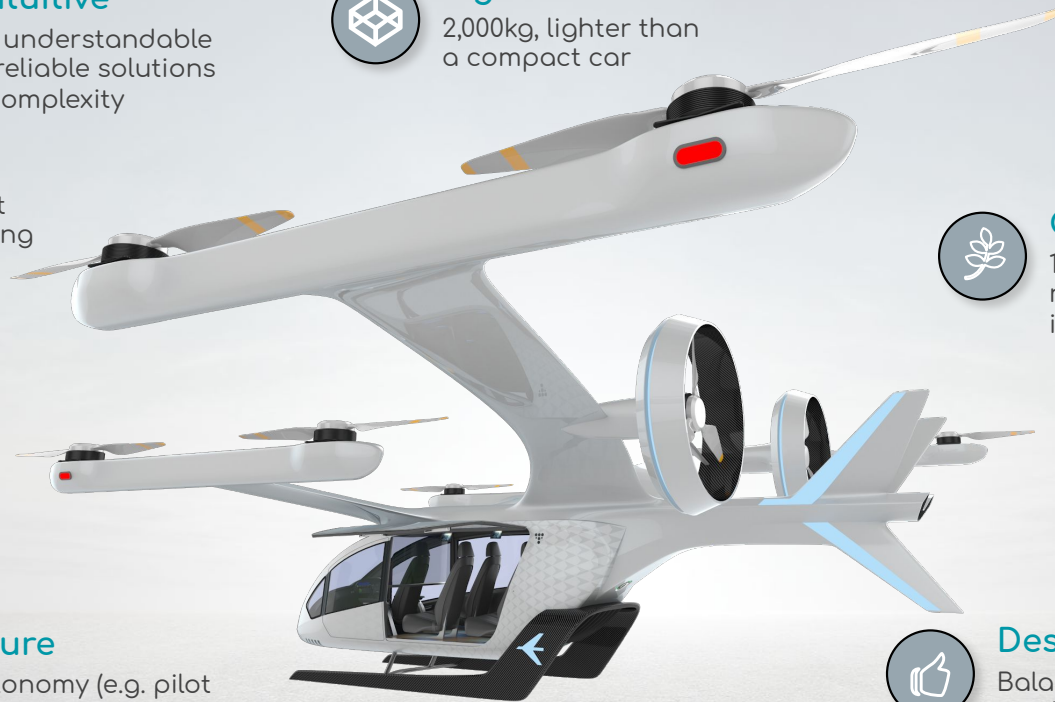
No Tilt Rotors

Overhead wings with distributed VTOL rotors and rear propellers for forward flight, removing the need for tilting rotors and improving reliability



Design for All

Balances visual pollution with comfort, attainable appeal, universal accessibility and an affordable design language



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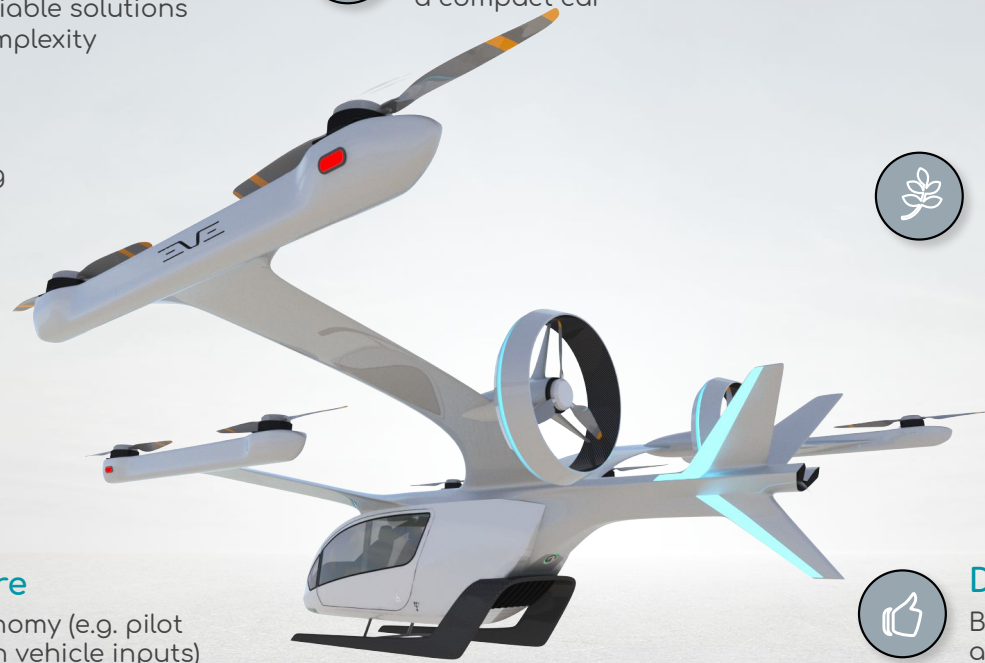
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Comprehensive UAM Solution

Fleet Operations

Providing a comprehensive flight capacity, service and support and training network that will enable UAM to scale across cities by leveraging Eve's full portfolio of services, global support infrastructure, deep aircraft knowledge and powerful ecosystem partnerships.

eVTOL Development

Designing, developing and certifying an eVTOL that combines disruptive innovation and a human-centered design philosophy with the highest levels of safety standards and engineering excellence, ultimately enabling the lowest operating cost and greatest accessibility for all UAM passengers.

Traffic Management Solutions

Developing a next-generation air traffic management solution that provides shared situation awareness, enables equitable airspace access, minimizes risk and provides flexible airspace structures, allowing many eVTOLs to fly simultaneously in a given city.

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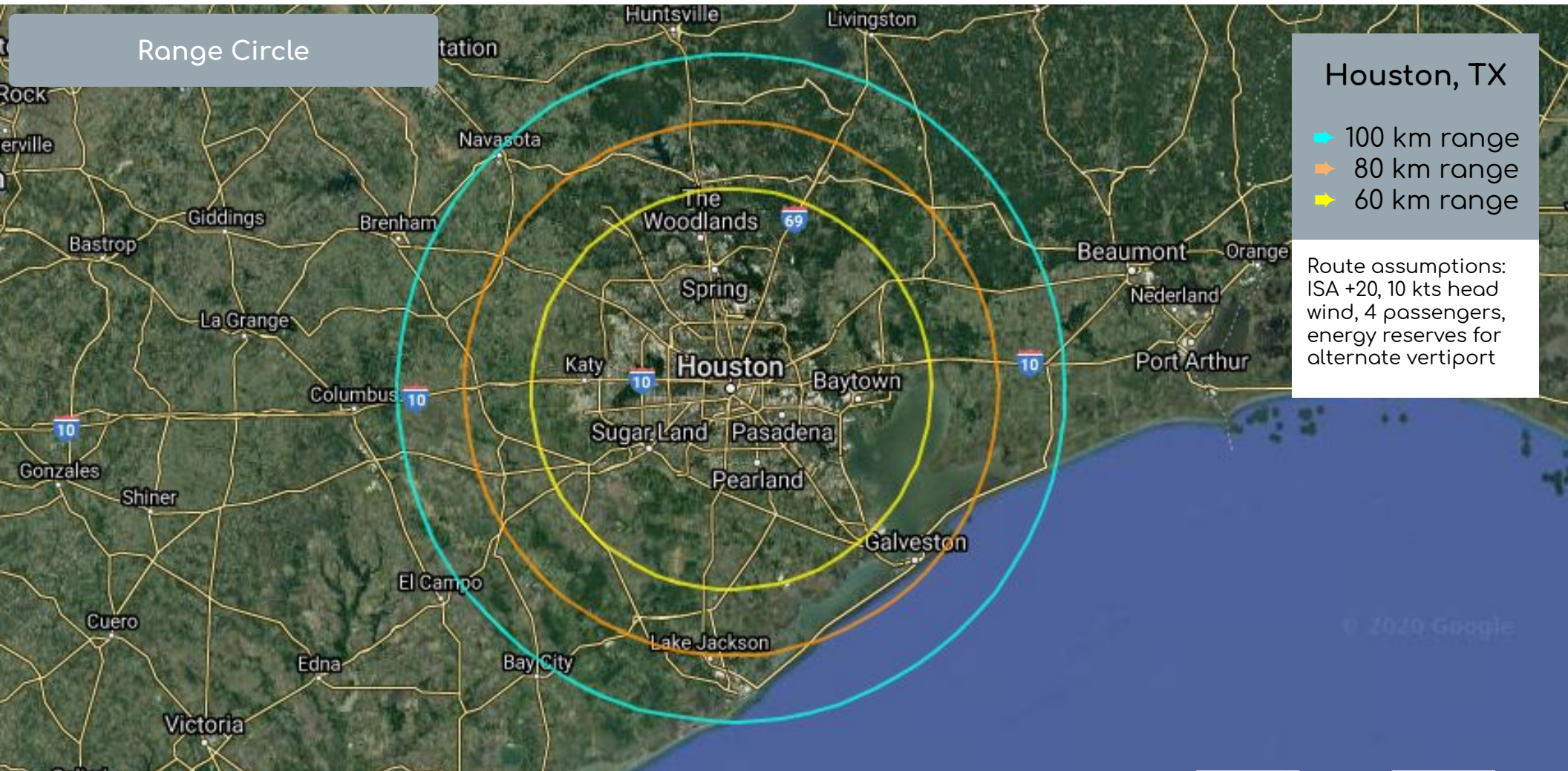


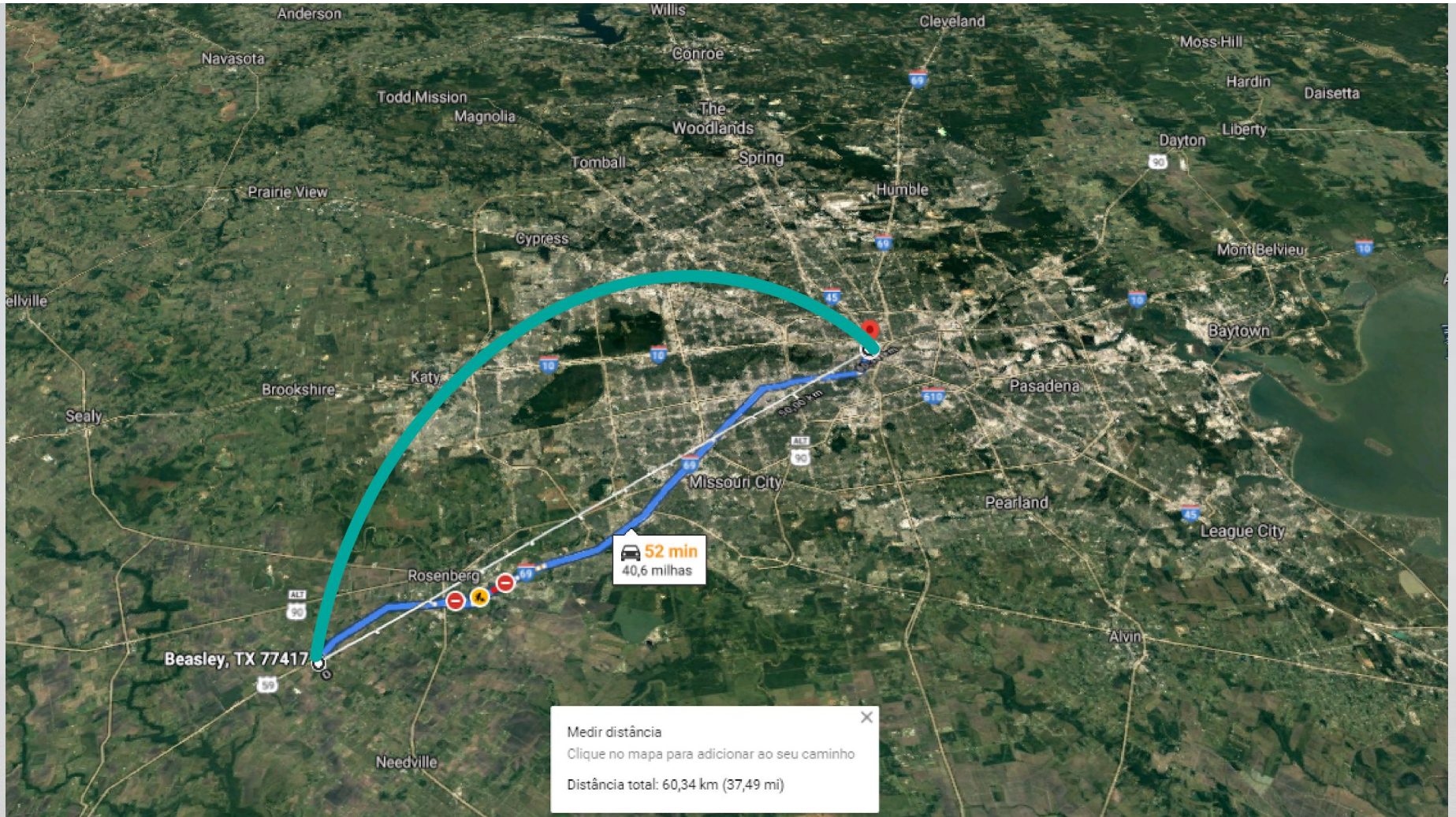
Range Circle

Houston, TX

- 100 km range
- 80 km range
- 60 km range

Route assumptions:
ISA +20, 10 kts head
wind, 4 passengers,
energy reserves for
alternate vertiport





Benefitting from Embraer DNA

A Top 3 Aircraft OEM in the World

Key Advantages

- Embraer has an extensive **history of designing, delivering and certifying aircraft on-time and on-budget**, building industry-leading expertise that Eve will be able to leverage
- Combines experience and know-how of Embraer – a clear leader in the aviation industry – with the focus, innovation, speed and agility of a startup
- **Embraer will be a major investor and commercial partner for Eve**, including \$15M invested at the seed stage and a commitment to invest \$15M in the Series A

← EMBRAER 's 50 Year Track Record of Success

80+

Commercial Airline Customers

50+

Countries Served

60+

Military Customers

1.4K+

Commercial Aircraft in Operation

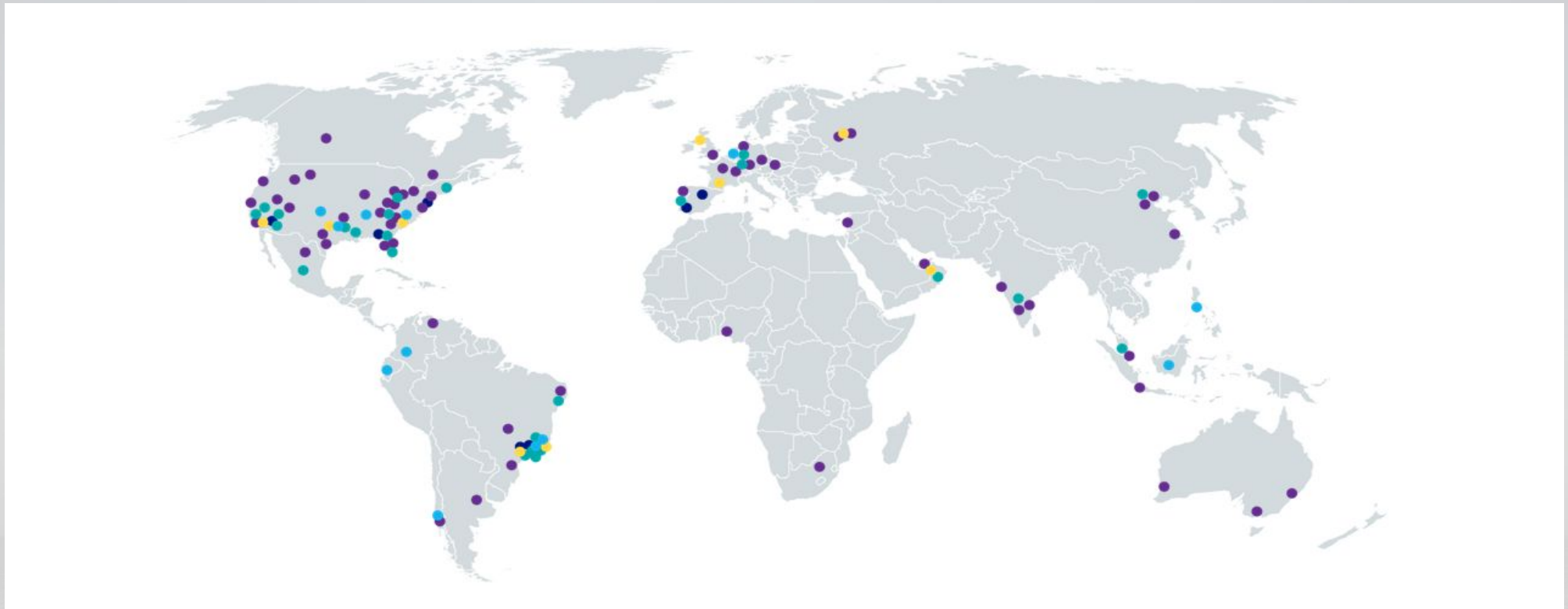
10

Seconds Between an Embraer Aircraft Taking Off Globally

0.2%

Flight Cancellation Rate for Embraer Aircraft⁽¹⁾

Leveraging Embraer's Global Support Infrastructure



● 15 Owned Service Centers

● 81 Authorized Service Centers

● 173 Field Support Representatives

● 33 Distribution Centers & On-Site Stocks

● 107 Flight Simulators





Thank You!