

EViation

REPOWERING GENERAL AVIATION

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CLEAN
INNOVATIVE QUIET
ECONOMICAL CHEAP
ROOMY SUSTAINABLE
LOW-MAINTENANCE
RELIABLE 6000 MILES
EASY FLY AUTONOMOUS
SAFE FAST 200 KTS

How much hybrid?

PERCENTAGE OF THE WORLD POPULATION



0%

1950

1970

1990

2000

2010

2020

2030

2040

2050

Adapt or die is dead
We live in
What does it mean?
Exponential Times
Disruption is the new normal



The edge of our
daily commute
circle

EViation

A start-up company, aimed at the development and manufacturing of electric aircraft.



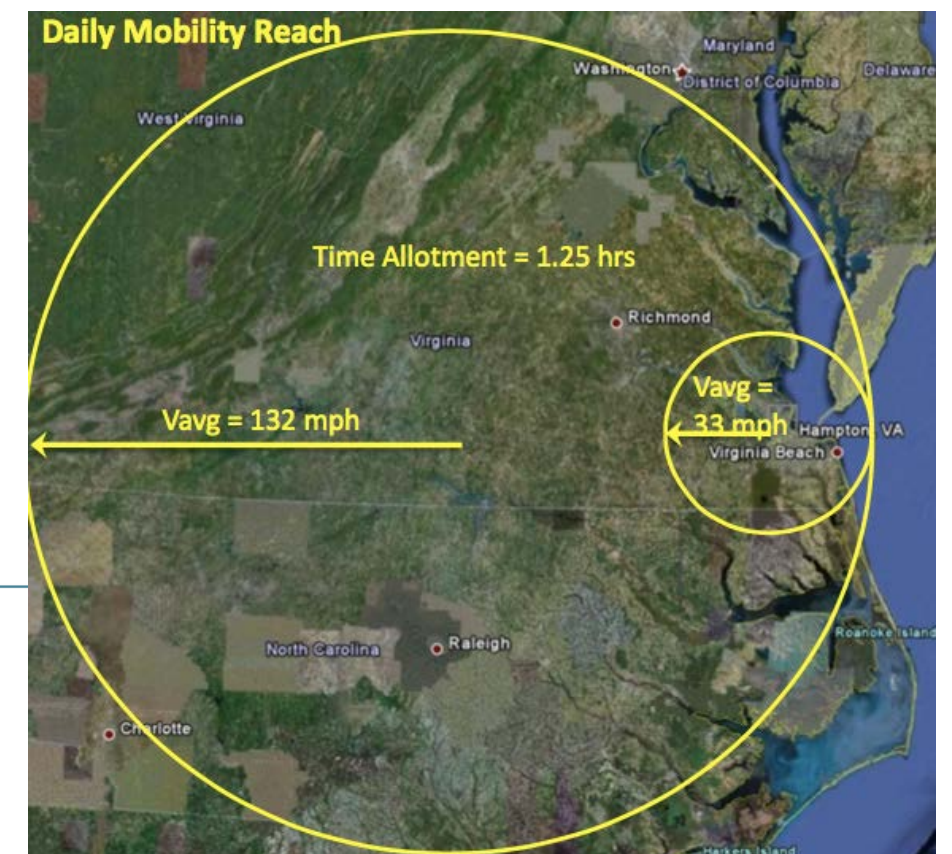
- ❖ Regional-distance trips, of 50 to 750 miles are overwhelmingly served by personal vehicles



- ❖ A new breed of light aircraft that are quiet, fast, roomy, safe and easy to fly, could, should and eventually will challenge this dominance.



- ❖ This new development in transportation will dramatically increase our potential daily commute range, changing cities, suburbs and rural areas.



Creating Design Mission reality

- ❖ Fast and comfortable
- ❖ Quiet and clean
- ❖ Extremely safe & easy to fly
- ❖ Cheap
- ❖ Versatile



- ❖ Electric Drive
- ❖ Cruises at over 200kts
- ❖ Range 600 miles
- ❖ Carries over 1100lbs
- ❖ Comfortably seats 4
- ❖ Highly autonomous

How do we build it?

Hybrid Battery
Al-Air+LiPo
400Wh/kg,
330kW
sustain 100kW
peak 250kW

The hybrid battery concept

Synergy Aircraft

airframe -

- ❖ Liquid and Al reload in minutes
- ❖ 200kts for under 100kWh
- ❖ Over 400Wh/kg
- ❖ 100kW

- ❖ 0.3C Possible

Autonomous

+ TO/L full ground
station telemetry
and control
options

- ❖ Rechargeable

- ❖ Under 200Wh/kg

- ❖ 10C Possible

Al - Air



PHINERGY

Com

ambient energy
management

retrieves

13kW off solar

and the

source



Regulatory Implications

- ❖ **Rapid volume increase and the highways in the sky**
- ❖ **Who is on board? Who is off?**
- ❖ **Roadmapping to Autonomy**
- ❖ **Security**

THANK YOU