

Plug and Fly: Getting Electric Aviation Up In the Sky

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“If we all did the things we are capable of doing, we would literally astound ourselves.” - Thomas Edison



**ALL-ELECTRIC AVIATION WILL CREATE
CLEAN, QUIET & AFFORDABLE AIR SERVICE**

Small All-Electric Aircraft Are Here!



- 3 hours flight endurance
- 55-120 knots operation
- 260 Wh/kg, Li-Ion Battery
- 80 kW/20 kg electric motor
- 2 seats

**10x flight hour
cost reduction**

Your Electric VTOL Ride Is On Its Way!



- ~ 2 hours flight endurance*
- 170 knots operation (projected)
- Li-Ion Battery
- 12 electric motors (10-18kW)
- Foldable propeller (take-off)
- 2 seats

On-Demand Mobility

Can We Expand to Larger Aircraft?



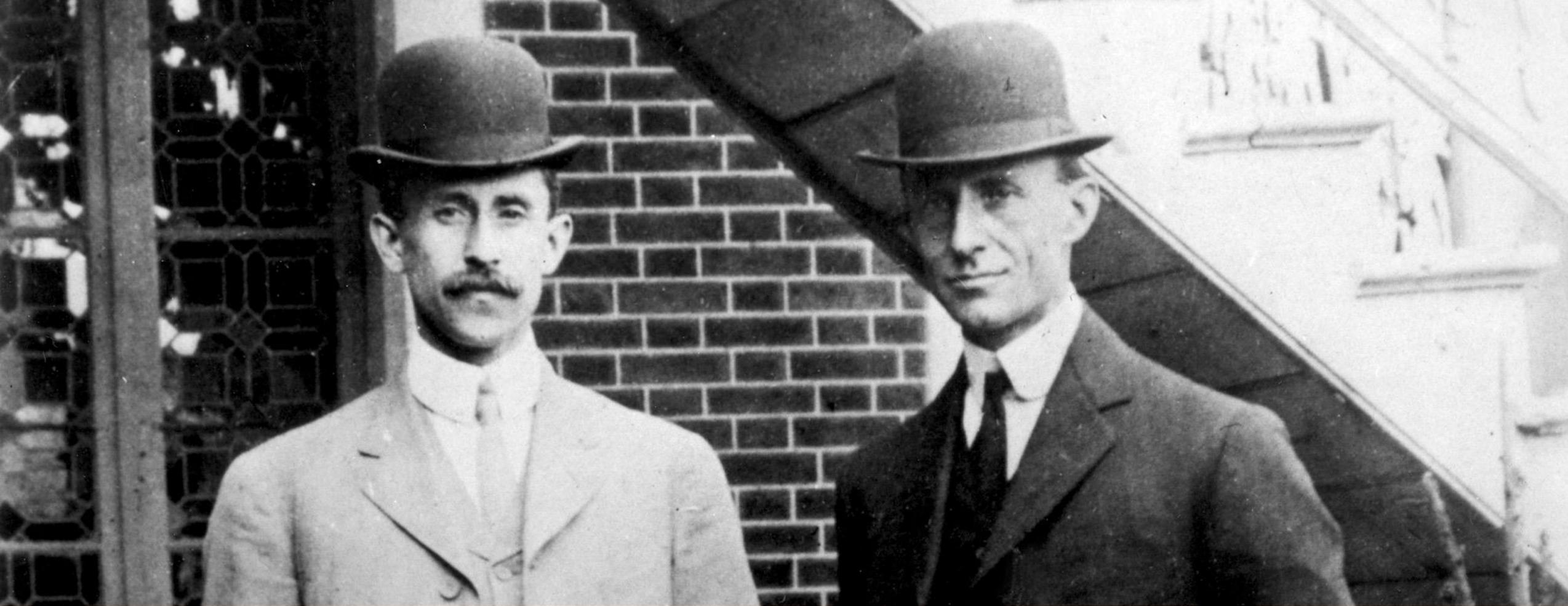
**Better Energy
Storage Specific
Energy**



**More
Efficient
Propulsion**



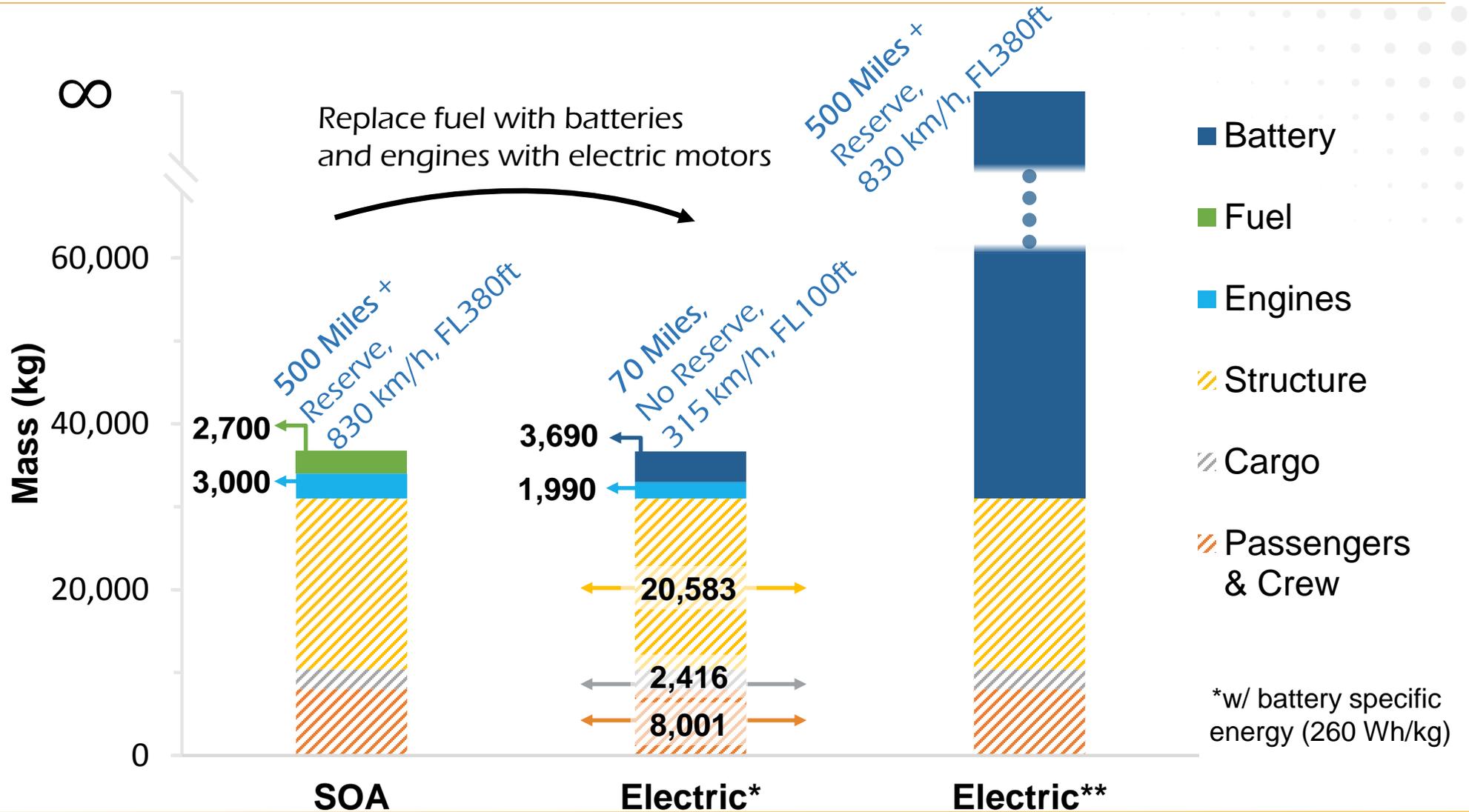
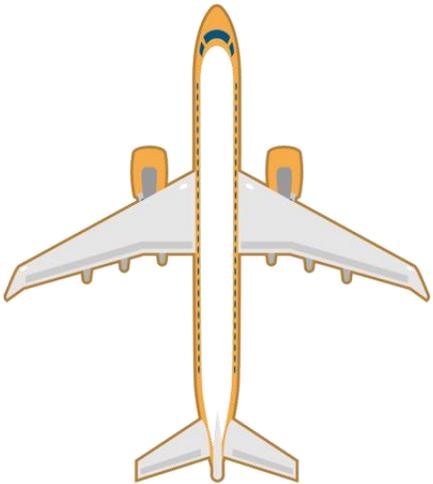
**Whole
System
Re-Design**



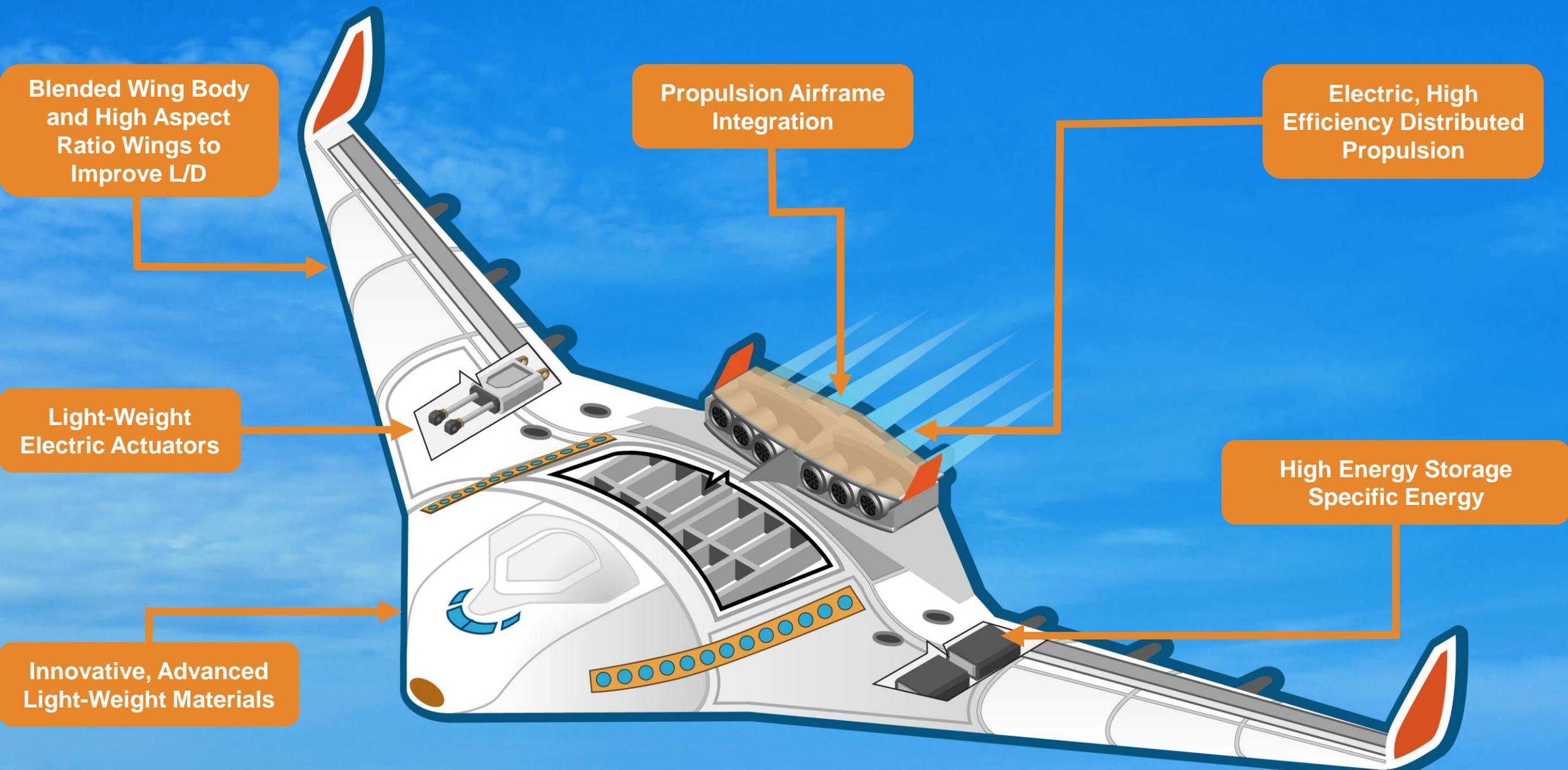
"If we all worked on the assumption that what is accepted as true is really true, there would be little hope of advance." - Orville Wright

Why Can't We Get There With Batteries Alone?

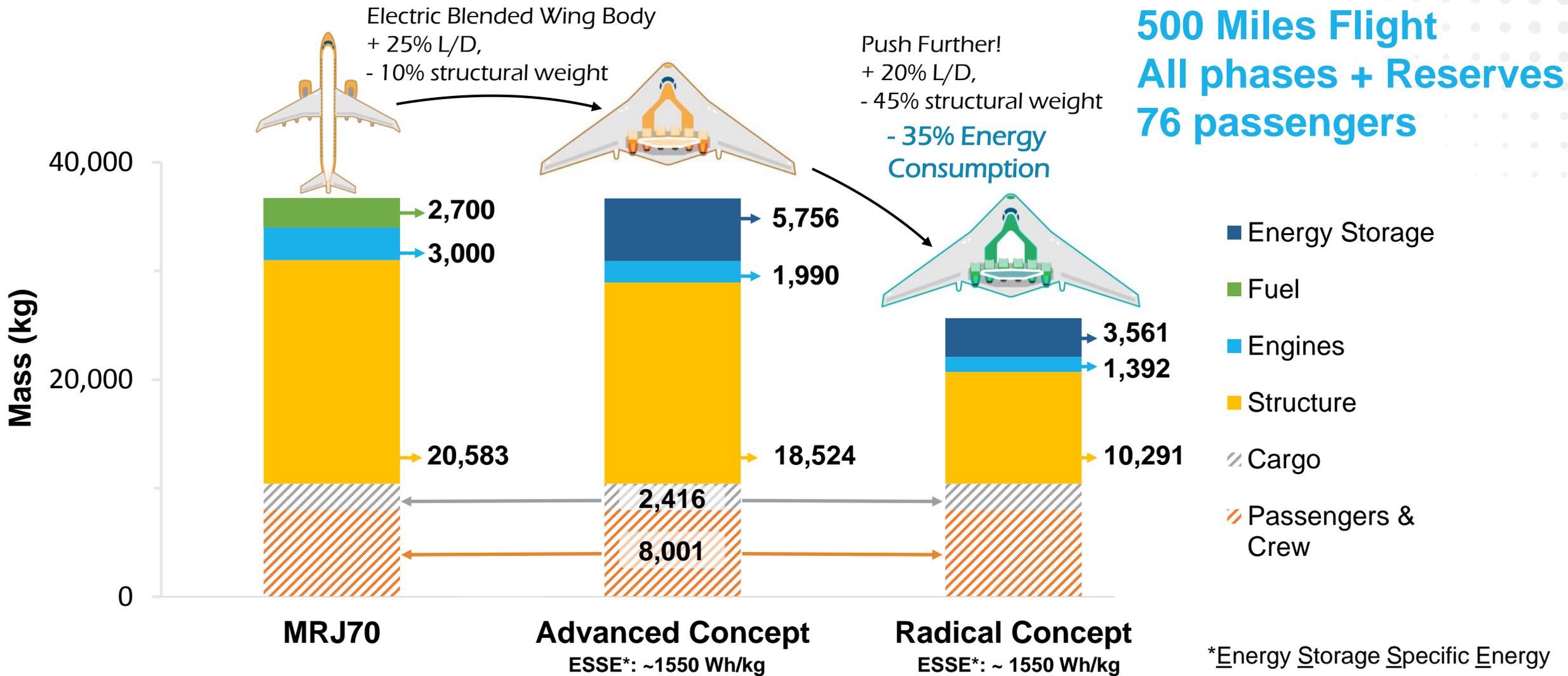
MRJ70
76 passengers



We Need to Improve the Aircraft as a Whole!



A Few Redesign Options!



A System Approach Will Get Us There!

