Drag Impact by the Numbers

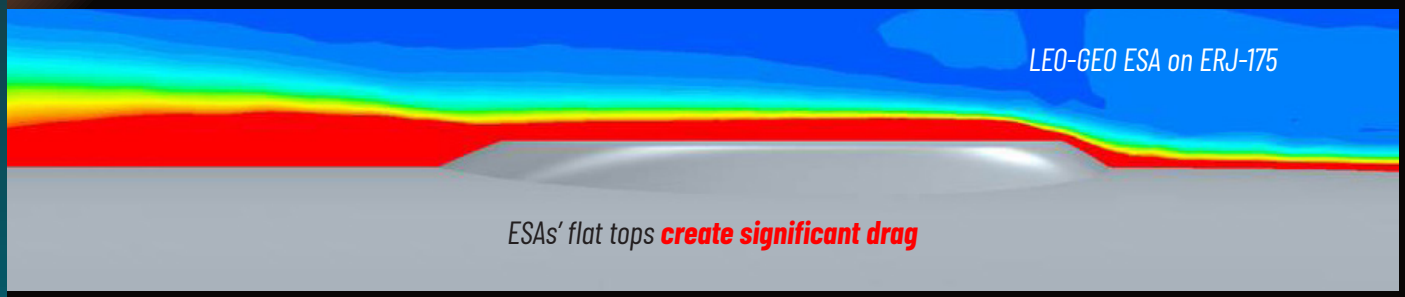
*Aerodynamic drag analysis compares a streamlined **ThinAir Ka1717** to two different "flat-top" ESAs*

$6 Million Estimated **Fuel Savings** Over 10 Years*

On a regional fleet of 100 aircraft with a ThinAir Ka1717 installed vs. a competing ESA

ESA Cruise Weight Penalties

Some of the key numbers used to calculate fuel savings



510 lbs
The cruise weight penalty of a LEO-GEO ESA on an ERJ-175

195 lbs
The cruise weight penalty of a LEO-only ESA on a CRJ-700

5x-10x
The increase in ESA cruise-weight penalties over ThinAir Ka1717

ThinAir®

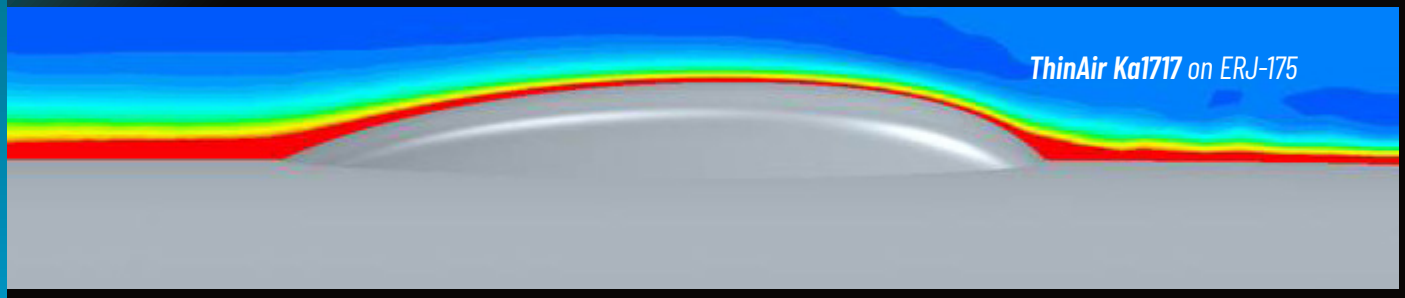
Ka1717 for Regional Fleets

Cruise Weight Penalties

99 lbs *On an ERJ-175*

19 lbs *On a CRJ700*

Low Profile + Streamlined Design = Lowest Drag



**NPV value based on 9% discount rate, $3 per gallon fuel costs, fleet makeup, and flight data. We encourage you to run your own numbers.*

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