

Drag Impact by the Numbers

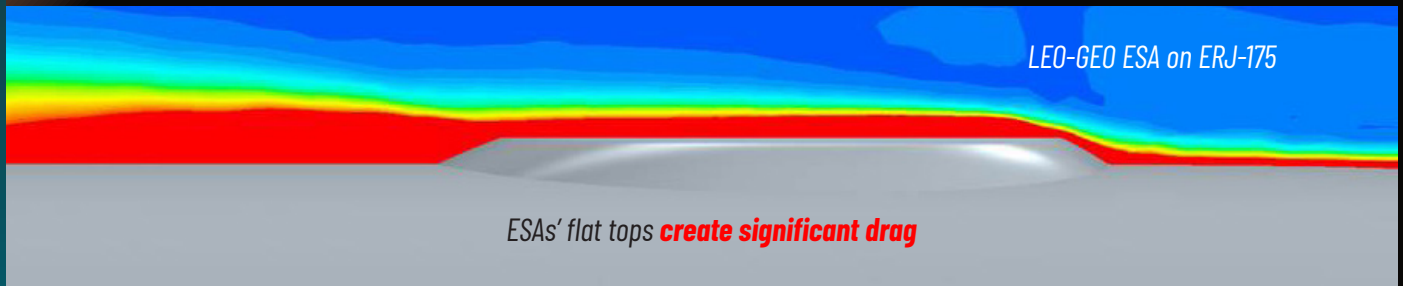
Aerodynamic drag analysis compares a streamlined **ThinAir Ka1717** to two different "flat-top" ESAs

\$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[®]

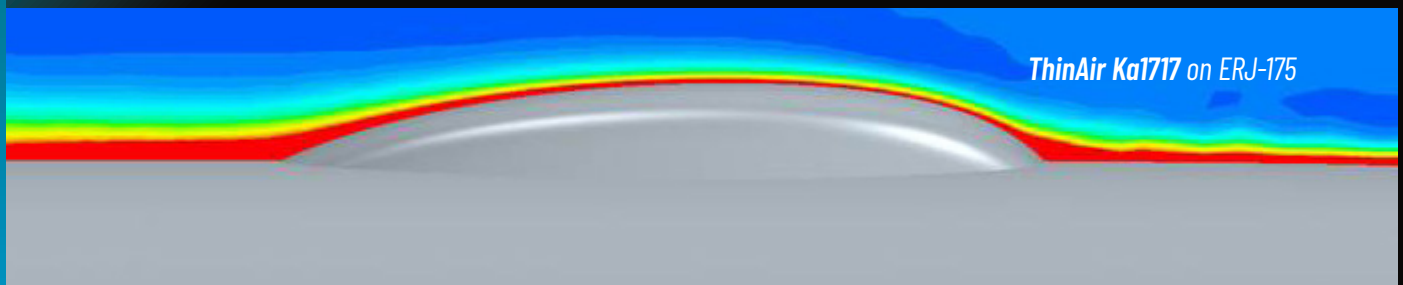
Ka1717 for Regional Fleets

Cruise Weight Penalties

99 lbs **19 lbs**

On an ERJ-175 On a CRJ700

**Low Profile +
Streamlined Design
= Lowest Drag**



ThinKom

www.thinkom.com

*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.

4881 West 145th Street, Hawthorne, CA 90250 USA 1.310.371.5486

© 2023 ThinkKom Solutions, Inc. All rights reserved.
ThinkKom Solutions reserves the right to make changes in its products or specifications at any time and without notice.
All trademarks indicated as such herein are trademarks of ThinkKom Solutions. ® Reg. U.S. Patent and Trademark Office.