



AEROTEC AND AVIATION PARTNERS BOEING

# EFFICIENCY & EXPERTISE ARE KEYS TO SPLIT SCIMITAR WINGLET CERTIFICATION

## SUMMARY

Aviation Partners Boeing (APB) faced many technical challenges and a challenging timeline to certify its new Split Scimitar Winglets (SSW) for retrofit on 737NG aircraft with Blended Winglets.

## BACKGROUND

Since they were introduced, more than 4,500 APB Blended Winglet Systems have saved over 8 billion gallons of fuel for hundreds of airlines worldwide. That's why, when testing showed that replacing the aluminum winglet tip cap with a new aerodynamically shaped scimitar and adding a new scimitar-tipped ventral strike promised to improve efficiency and performance further still, APB was keen to bring the new product to market. At the same time, APB wanted to back its progress with high quality test data and analysis to ensure that the product would perform exactly as expected and as promised.