

A joint venture of Aviation Partners, Inc. and The Boeing Company

**NEWS RELEASE** 

## 6 Billion Gallons of Jet Fuel Saved

Seattle, WA April 12, 2016 – Aviation Partners<sup>®</sup>, Inc. (API) in conjunction with Aviation Partners Boeing (APB), API's joint venture with The Boeing Company, announced that as of 7:45 pm PDT today its unique Blended Winglet<sup>™</sup> Technology has saved the worlds commercial and business jet operators an estimated six billion gallons of jet fuel; representing a global reduction in CO2 emissions of over 64 million tons. This is equivalent to the fuel used by approximately 12 million passenger cars being driven for a year (or every car in Seattle, home to API and APB, for approximately 25 years) and enough CO2 to cover 1.1 million square kilometers (approximately the combined land area of Texas and California) to a depth of one meter.

Aviation Partners' designed Blended Winglets are now flying on more than 7,000 individual jet airplanes and over 20 airplane types. API's Blended Winglets are certified and in-service on Dassault Falcon 2000, 900 & 50 series, Hawker 800 series and Gulfstream II aircraft. Aviation Partners' designed Blended Winglets are certified, through the APB joint venture, and in-service on Boeing 737-300, -500, -700, -800 & -900, 757-200 & -300 and 767-300ER/F series aircraft, as well as Boeing Business Jet (BBJ) aircraft.

Blended Winglets are additions to the airplane wing that are significantly more efficient than standard wing tips. The Winglets reduce the drag caused by wingtip vortices, the twin tornados formed by the difference between the pressure on the upper surface of an airplane's wing and that on the lower surface. By reducing drag Blended Winglets increase fuel efficiency and boost range. The Blended Winglets, which feature a large radius and smooth chord variation in the wing-to-winglet transition area, have demonstrated more than 60% greater effectiveness over conventional winglets with an angular transition. Aviation Partners' latest Winglet design, the Split Scimitar<sup>®</sup> Winglet, uses existing Blended Winglet technology but adds new aerodynamic Scimitar tips and a large ventral strake, further increasing the efficiency of the airplane. This new design is already flying on almost 700 Boeing 737 Next-Generation airliners and business jets.

We expect the amount of fuel saved to grow exponentially to more than 10 billion gallons by the end of 2019. *"We are proud to be the world leader in the field of fuel savings for commercial airlines and private aviation,"* said Joe Clark, founder and CEO of API, and Chairman of APB, *"We look forward to adapting our current and in-development Winglet technology to both existing airplanes and new production designs in the near future".* 

We are doing our part in a changing world; for more information and to see the fuel savings counter in real time, fly to www.aviationpartners.com or www.aviationpartnersboeing.com.

Seattle, Washington based Aviation Partners, Inc. (API) is the world leader in advanced winglet technology. Aviation Partners Boeing (APB) is a joint venture between API and The Boeing Company.

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