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XSTREAM INTRODUCES INDUSTRY-FIRST ACTIVE-AERO DEVICE TO STREAMLINE TRUCKS AND BOOST FUEL EFFICIENCY

***TruckWings™ Speed-Sensitive Panels Eliminate Tractor-Trailer Turning Gap,
Delivering Fuel Savings And Reducing Emissions***

BURLINGAME, CA (NOVEMBER 10, 2017) – Delivering the trucking industry’s first solution for eliminating the fuel-sucking gap between a truck’s tractor and trailer, today **XStream Trucking** is publicly launching **TruckWings™**, an active-aero device that automatically deploys at highway speeds to deliver streamlined aerodynamics, fuel savings, and lower carbon emissions. Half a dozen carriers, including two of the nation's largest fleets, are currently in private pilots with TruckWings.

“There have been significant investments made in improving truck aerodynamics in other areas,” said Daniel Burrows, XStream Trucking’s founder and CEO. “TruckWings is the first device which completely solves the turbulence problem created by the open area between the tractor and trailer that contributes significantly to a truck’s overall aerodynamic drag. Since two thirds of a truck’s fuel bill is spent overcoming that drag, there is a huge savings to be had by reducing it.”

Burrows explained that the gap is needed for low-speed maneuverability. TruckWings’ patented design, developed through years of wind tunnel, track and road testing, is devised to work at highway speeds, automatically deploying large panels to cover the sides and top of the tractor-trailer gap. The panels, made of high-impact, glass-reinforced composites, create a

continuous connection between the truck and trailer that allows the air to flow smoothly over the entire length of the truck. When the truck slows down, the panels retract without driver intervention, providing the necessary clearance for turns at any angle.

"The exciting thing about TruckWings™ is that it is the first solution to automatically and completely enclose the sides and top of the tractor trailer gap," said Mike Roeth, Executive Director of the North American Council for Freight Efficiency, NACFE. "This gap area presents as much as a 5% opportunity with little to no other solutions available for truckers today. We performed their first independent on-road fuel economy test in 2016 and XStream has always taken a very customer led, data driven product development approach."

"We see TruckWings performing particularly well on routes with high winds. Crosswinds push a wedge of air flow into the gap area, hitting the front of the trailer direct on. TruckWings cleanly prevent this buffeting and this is where we see our highest fuel savings." said Burrows, "Drivers feel the improvement in windy conditions and report much smoother rides with less lane drift."

The company is offering several options for truck and fleet owners interested in adding TruckWings to their tractors, including a shared-savings model and outright purchasing.

To help independent truckers and large fleet owners calculate their potential savings, XStream offers a free, easy-to-use calculator on its website that can estimate savings for fleets of any size. Find out more at: www.xstreamtrucking.com.

Media: High resolution photos and videos are available for download available at:
<https://www.dropbox.com/sh/owv9ivy3i25cwz2/AAD9W1PoGKomBMfEw80Q7yZ1a?dl=0>

ABOUT XSTREAM TRUCKING

Established in 2014, XStream supplies active aerodynamics to the long-haul trucking industry. Its flagship technology, TruckWings™, automatically closes the tractor-trailer gap, reducing a fleet's fuel bill without requiring additional actions by the driver or any trailer modifications. Founded out of Stanford University, XStream has won awards in several DOE competitions including National CleanTech Awards and CalTech's FLoW competition. TruckWings™ are currently running in half a dozen carriers, including two of the nation's' largest fleets. For more information visit: www.XStreamTrucking.com

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