



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, DC 20460

AUG - 8 2014

OFFICE OF  
AIR AND RADIATION

Mitch Greenberg  
Chief Commercial Officer  
SmartTruck Systems  
1200 Donaldson Road  
Greenville, SC 29605

Dear Mr. Mitch Greenberg:

The U.S. Environmental Protection Agency (EPA) has reviewed your request to verify the SmartTruck TopKit Trailer System for line-haul, heavy-duty truck trailers. This device system is designed to increase the aerodynamic efficiency of trailers to improve the overall fuel economy of the combination tractor-trailer. Based upon your application, test data and supporting information, EPA hereby verifies the SmartTruck TopKit Trailer System for the level described below.

Technology	Verification Category	Fuel Savings
SmartTruck TopKit Trailer System	5% Trailer Device	5% or greater

The performance of this device is verified for use on 53 foot, "dry" box and refrigerated trailers traveling at highway speeds in the tested configuration and installation. Trailer owners and operators may need to work with the device manufacturer and installer to ensure proper installation and operation of the TopKit.

Devices must not be installed in a manner that violates safety requirements such as height restrictions or trailer light visibility. The device manufacturer is responsible for providing proper guidance to the installer and owner. EPA verification is contingent upon devices being installed and maintained as they were tested. Hence, any device modifications must be manufacturer approved as to minimize changes in device performance. Any additional significant device modifications are not automatically considered verified and must be submitted to EPA for case-by-case approval.

EPA verifies aerodynamic trailer devices and device combinations for use on EPA-designated SmartWay Trailers. EPA-verified aerodynamic device(s) that achieve a minimum of 5% total

fuel savings – used with EPA-verified low rolling resistance tires – qualify a 53 foot “dry” box or refrigerated trailer for designation as a SmartWay Trailer. While fleets can expect EPA-verified aerodynamic devices and SmartWay Trailers to be among the most fuel efficient, the fuel savings in real-world applications may vary for each fleet.

This technology will be listed on the EPA’s verified aerodynamic product website at:

<http://www.epa.gov/smartway/forpartners/technology.htm>

This letter and the EPA’s online verified product listing may serve as demonstration of your device’s verification.

EPA has strict guidelines regarding the use of the SmartWay logo. SmartWay designation (and associated use of the SmartWay designation logo) is limited to manufacturers of heavy-duty tractors, box trailers, or passenger cars. Vehicle component technologies (e.g., trailer aerodynamic equipment) are not allowed to use the SmartWay logo for labeling purposes. If you have questions regarding these policies, please consult

<http://www.epa.gov/smartway/forpartners/index.htm> or contact Joann Jackson-Stephens at [jackson-stephens.joann@epa.gov](mailto:jackson-stephens.joann@epa.gov).

Finally, if you're not already a member, you may wish to join the SmartWay Community. This is designed for businesses that share our commitment to reducing emissions and fuel consumption in freight movement. If you want to learn more about the SmartWay Community, read more at <http://www.epa.gov/smartway/forshippers/index.htm>, and Patrice Thornton, at [thornton.patrice@epa.gov](mailto:thornton.patrice@epa.gov), can assist you with questions you may have regarding joining the SmartWay Community.

If you have any questions regarding your verification or the program, please feel free to contact our aerodynamic technology staff person, Julie Hawkins, at [hawkins.julie@epa.gov](mailto:hawkins.julie@epa.gov). Thank you for your interest in EPA's Technology Verification Program.

Sincerely,

A handwritten signature in blue ink, appearing to read 'K. Simon', is positioned above the typed name.

Karl Simon, Director  
Transportation and Climate Division  
Office of Transportation and Air Quality