

AerSafe™

FUEL TANK IGNITION MITIGATION MEANS

For Boeing 737 NG Series - Supplemental Type Certificate No. ST02980NY

For Boeing 737 CL Series - Supplemental Type Certificate No. ST03589NY

FUEL TANK SAFETY

AerSafe™, a fuel tank ignition mitigation means developed by AerSale®, is one of the few Federal Aviation Administration (FAA) approved options currently available that complies with the Fuel Tank Flammability Reduction (FTFR) rule. The FTFR rule requires fuel tank ignition sources and flammability exposure to be reduced in fuel tanks that are most at risk.

With the FAA deadline fast approaching, Boeing 737 operators have two options: a flammability reduction means such as nitrogen inerting or an ignition mitigation means such as AerSafe. All affected passenger aircraft flying within or into the United States and operating under FAR Part 121 must be manufactured to meet the FTFR rule or be retrofitted by December 26, 2017 to avoid being grounded.





AerSafe™

The AerSafe system limits the amount of available oxygen that can ignite fuel vapors and prevents sparks from initiating an explosion. It has been tested and developed to exact tolerances to fill the cavity of the Boeing 737 NG and CL series center fuel tank. AerSafe comes as a complete prefabricated kit, and after initial installation, the system is virtually maintenance-free. AerSafe provides an economical solution with no mechanical parts that can fail, time-change components to replace, or flight test requirements after installation. AerSafe also complies with the [Notice of Proposed Rulemaking \(NPRM\) No. FAA-2016-6139](#).

ADVANTAGES AND BENEFITS

	AerSafe B737 NG	AerSafe B737 CL
Cost over 10 years (30,000 hrs)		
<i>List Price</i>	\$195,000	\$149,500
<i>Special Tooling for Installation</i>	n/a	n/a
<i>Maintenance VCK/DET</i>	n/a	n/a
<i>Maintenance Ozone Converter and Cleaning of NGS</i>	n/a	n/a
<i>Air Separation Module Replacement</i>	n/a	n/a
Total Cost	\$195,000	\$149,500
Lead Time	Less than six (6) weeks	
Aircraft Downtime for Installation	Two (2) days	
Mechanical/Electrical Parts	None	

INSTALLATION

AerSale can perform AerSafe installation at any hangar around the world and can also provide training for the installation. Installation can be done at the same time as a light maintenance check or overnight after the aircraft center tank is de-fueled. AerSafe does not require maintenance between heavy check visits or special tooling to remove and install the parts. Aircraft can be modified or de-modified without any structural changes.

AerSafe Installation Kits include:

- All required materials
- Installation instructions
- Aircraft Maintenance Manual supplement
- Aircraft Flight Manual supplement
- License to use AerSafe on a single aircraft by serial number

DEADLINE

All affected passenger aircraft operating under 14 CFR Parts 121, 125, and 129 must be manufactured to meet the FTFR rule, or be retrofitted by **December 26, 2017**. The FTFR rule is detailed in the [FAA Advisory Circular 120-98A](#).

For more information about AerSafe, contact us at (305) 764-3227 or [REDACTED].



ABOUT AERSALE

AerSale is a global leader in the supply of commercial aircraft, engines, and OEM (Original Equipment Manufacturer) used serviceable materials. Major clients include passenger and cargo airline operators, leasing organizations, governmental entities, multinational OEMs, and independent MRO (Maintenance, Repair, and Overhaul) organizations. In addition, AerSale offers asset management services to owners with end-of-life aircraft and engine portfolios. Headquartered in Coral Gables, Florida, AerSale has various offices and operations in the United States, Europe, and Asia.