

SUPPLIER DECLARATION OF CONFORMITY

Manufacturer's Name:	Federal Express Services
Manufacturer's Address	3660 Hacks Cross Rd, Memphis TN 38125
Provider's Name:	FedEx Services, Inc.
Provider's Address:	3660 Hacks Cross Rd, Memphis, TN 38125
Declares under our distribution responsibility product	SenseAware SM a FedEx Innovation
Device Market Release Name	SenseAware SM 3000
Device pre-release (project) names:	ILC3000, SA3000, SenseAware 3000
Equipment Classification:	PCS Licensed Transmitter Quad band GSM/GPRS/GPS Module,

FedEx SenseAware presents the following to establish compliance with AC 91.21 C (5/2015)/AMC1 CAT.GEN.MPA.140/ED-2014/029/R:

Device Specifications:

The SenseAware 3000 (P/N 330304) is an environmental and location monitoring devices designed to operate with shipments and packages as cargo in all modes of transport. The device can monitor temperature, humidity, light exposure, pressure, motion and can determine location through the use of GPS and cell tower look-up. The only active peripherals to the device are a set of temperature (shown below) to measure ambient, dry-ice and cryogenic level temperatures within containers or packaging as cargo.

Device Front w/Product Label 	Device Back w/Label & Regulatory Markings 
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NOTE: Each device has a unique product identifier shown as "ADXXXXXX" above the bar code

Device Functionality

SenseAware radios are by default OFF and power on at a predetermined interval to transmit logged data. This functionality is disabled when the device is in Airplane Mode. SenseAware radios only operate in a burst mode for transmission of the logs and then returns to an OFF state until the next reporting interval.

Airplane Mode Methodology

SenseAware utilizes a proprietary and patented Aircraft Mode which disables the device transmitters during flight. SenseAware devices leverage the use of redundant and independent sensors (accelerometer and pressure) are used to disable the device transmitters. SenseAware also employs fail-safe route based transit timers in the event the redundant sensors fail to function as designed.

Battery Specifications:

Battery Vendor	House of Batteries
Battery Type/Part No	Lithium Ion Rechargeable (P/N: LP624461)
Battery Qualification Report/Date	Pending Final Report
Battery Voltage/Wattage for Air Transport	Watt-Hour Rating: 6.7 Wh Lithium Equivalent Content: 0.54g
UL Draft Report	E334074-A3 UL 60950-1 & 07, 2 nd Edition/CAN/CSA C22.2 NWGQ, NWGQ7

Avionic Testing:

RTCA DO-160 Category H	Report No:EMCS88362-GEN MET Laboratories, Inc. 33439 Western Avenue Union City, CA 94587
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FedEx Services Approval

Amy B. Mays Sr, International Regulatory Advisor – FedEx Express - SenseAware

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