

Mechanical stability and Electromagnetic Compatibility with respect to helicopters, fixed wing aircrafts and ambulances

## HAMILTON-T1 (REF 161005)

is in full compliance with the following standards / clauses:

Standard	Clause / Section
<b>RTCA/DO-160F:2007</b> Environmental Conditions and Test Procedures for Airborne Equipment.  Equivalent to EUROCAE/ED-14F	Section 7: Operational Shocks and Crash Safety, cat. B Section 8: Vibration, cat. S (fixed wing aircraft) and U2 (helicopters) Sections 16.6 and 18.3.1 (for cat. Z, A/R or B), voltage fluctuations, ripple voltage Section 19.3.1 (cat. CC, ZC, AC or BC), magnetic field caused by the aircraft 400Hz power system in vicinity of the device Section 20: Radio Frequency Susceptibility (Radiated and Conducted), cat. R Section 21: Emission of Radio Frequency Energy, cat. M
<b>IEC 60601-1-2:2007</b> , Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests	All clauses
<b>EN13718</b> , Air, water and difficult terrain ambulances. <b>Part 1:2002</b> : Medical device interface requirements for the continuity of patient care. <b>Part 2:2002</b> : Operational and technical requirements for continuity of patient care	All clauses  Only clauses relevant for Medical Equipment
<b>EN 1789:2007</b> , Medical vehicles and their equipment - Road ambulances	All clauses
<b>EN 794-3:1998+A2:2009</b> : Lung ventilators - Part 3: Particular requirements for emergency and transport ventilators equal to EN 60068-2-6; -29; -64	All clauses
<b>MIL-STD 810 F</b> , section 514.5 - A3 - 2.2.1 d(1)	All clauses

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## Intelligent Ventilation



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