



Flightcell DZM3 RTCA/DO-160F Certification

Section	Description	Category	Met Criteria: Yes/No
Section 4.5.1	Ground survival low temp and short-time operating low temp	B2	Yes
Section 4.5.2	Operating Low temp	B2	Yes
Section 4.5.3	Ground survival high temp and short-time operating high temp	A2	Yes
Section 4.5.4	Operating High temp	A2	Yes
Section 4.6.1	Altitude	F1	Yes
Section 4.6.3	Overpressure	A2	Yes
Section 5	Temperature Variation (note)	B	Yes
Section 6	Humidity	A	Yes
Section 7.2	Operational Shocks	B	Yes
Section 7.3.1	Crash Safety (Impulse)	B-5R	Yes
Section 7.3.3	Crash Safety (Sustained)	B-5R	Yes
Section 8	Vibration	U-G	Yes
Section 15	Magnetic Effect	Z	Yes
Section 16	Power Input	Z	Yes
Section 17	Voltage Spike	A	Yes
Section 18	Audio Frequency Conducted Susceptibility - Power Inputs	Z	Yes
Section 19	Induced Signal Susceptibility	AC	Yes
Section 20	Radio Frequency Susceptibility (Radiated and Conducted)	SS	Yes
Section 21	Emission of Radio Frequency Energy	M	Yes
Section 25	Electrostatic Discharge	A	Yes

Flightcell DZM3 RTCS/DO-160F Equipment Nameplate Marking

DO-160F Env.Cat [(A2)(B2)(F1)]XBAB[UG]XXXXXXZZAZ[AC][SS]MXXXXXXXXAX

Version history

Issue	Date	Author	Description
1.0	8 th June 2011	J Glasgow	Document created. FCN0215
2.0	23 rd June 2011	J Glasgow	Updated environmental category results. FCN0231