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COMMERCIAL-IN-CONFIDENCE

TEST HOUSE CERTIFICATE

CLIENT Protechnic Ltd
Unit 1, West End Trading Estate
Blackfriars Road
Nailsea
Bristol
BS48 4DJ

DOCUMENT 75912592 THC 02 Issue 1

CLIENT'S ORDER NUMBER 4586

INCOMING RELEASE NOTE Not released

DATE OF RECEIPT 3 February 2011

EQUIPMENT UNDER TEST (EUT) EXO Flight Case

MODEL/PART NUMBER(S) EXO

SERIAL NUMBER(S) Identified as EUT 1

TEST PLAN/ISSUE/DATE N/A

TEST SPECIFICATION/ISSUE/DATE DEF STAN 81-41 Part 3 Issue 5 Level J

DEVIATIONS FROM THE STANDARD None

DATE OF TEST 7 February to 8 February 2011

TEST(S) DESCRIPTION Low Temperature Test -13°C, duration 16 hours, Test G

TEST(S) APPLIED

EUT to be acclimatised at ambient laboratory conditions for a minimum of 16 hours.
Locate the EUT into the chamber at ambient laboratory conditions.
Ramp temperature to -13°C at no more than 1°C/min and allow EUT temperature to stabilise.
Maintain temperature at -13°C for 16 hours (+/- 0.5 hour).
Ramp temperature to ambient laboratory conditions at no more than 1°C/min and hold for 1 hour minimum.

RESULT(S) OF TEST

This certificate relates only to the actual item tested.

Initial Inspection: The customer stated that the case was in good condition to begin the test. The top lid was removed and relocated without problem, then resecured for the test. The operation of the EUT latch mechanisms was satisfactory. EUT dimensions: 592mm (W) x 393mm (D) x 277mm (H). Mass (gross weight): 9.0kg.

The low temperature (-13°C) storage test sequence was completed successfully for a 16 hour period.

Final Inspection: Upon completion of the testing the Equipment Under Test (EUT) was visually inspected both internally and externally. The top lid was removed and relocated without problem. The operation of the EUT latch mechanisms was satisfactory. There was no noticeable binding of the moving parts, namely the latch mechanisms. No damage or degradation was observed to the remainder of the test piece.

Approved by 
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R M Thompson
Authorised Signatory



Date 26 April 2012
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