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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 04 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	14 February 2011
TEST(S) DESCRIPTION	<u>Impact (Vertical) Test, 1000mm, Test E</u>

TEST(S) APPLIED

EUT to be acclimatised at ambient laboratory conditions for a minimum of 16 hours.
Test equipment: Lansmont PDT-56E precision drop tester onto a steel plate floated over concrete.
Test severity: 1000mm (+/-5mm)
Number of drops: 1 x drop to Face 3/Bottom, 1 x drop to Face 4/Left, 1 x drop to Face 2/Right
1 x drop to Face 5/Front, 1 x drop to Face 6/Back, 1 x drop to Face 1/Top

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 vertical (impact) test sequence was completed successfully for 6 off face drops.

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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