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COMMERCIAL-IN-CONFIDENCE

# TEST HOUSE CERTIFICATE

<b>CLIENT</b>	Protechnic Ltd Unit 1, West End Trading Estate Blackfriars Road Nailsea Bristol BS48 4DJ	<b>DOCUMENT</b>	75912592 THC 03 Issue 1
		<b>CLIENT'S ORDER NUMBER</b>	4586

<b>INCOMING RELEASE NOTE</b>	Not released
<b>DATE OF RECEIPT</b>	3 February 2011
<b>EQUIPMENT UNDER TEST (EUT)</b>	EXO Flight Case
<b>MODEL/PART NUMBER(S)</b>	EXO
<b>SERIAL NUMBER(S)</b>	Identified as EUT 1
<b>TEST PLAN/ISSUE/DATE</b>	N/A
<b>TEST SPECIFICATION/ISSUE/DATE</b>	DEF STAN 81-41 Part 3 Issue 5 Level J
<b>DEVIATIONS FROM THE STANDARD</b>	None
<b>DATE OF TEST</b>	14 February 2011
<b>TEST(S) DESCRIPTION</b>	<u>Static Load Test, 1000mm, Test H</u>

**TEST(S) APPLIED**

EUT to be acclimatised at ambient laboratory conditions for a minimum of 16 hours.  
Test equipment: Load spreader with weights on concrete floor.  
Test severity: 63kg top load.  
Test duration: 24 hours (+/- 1 hour).  
After 5 minutes measure the height of the four corner load spreader edges down to the ground. Repeat this at test completion.

**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 static load test sequence was completed successfully for a 24 hour period.

Final Inspection: Upon completion of the testing the Equipment Under Test (EUT) was visually inspected both internally and externally. There was 1mm of displacement of the load measured to three corners and none to the fourth at test completion. 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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