

# TEST RESULT SHEET



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<b>TITLE:</b>	<b>ECE 17 Computer Retention</b>		
<b>Test No:</b>	<b>H828B1</b>	<b>Page 1 of 3</b>	
<b>Project No:</b>	1020089	<b>Client:</b>	Tempus Developments
<b>Test Date(s):</b>	09/07/08	<b>Client Liaison Engineer:</b>	T Mann Units 3 & 4, The Sahota Ctr Heath Street Smethwick West Midlands B66 2SA
<b>Authority:</b>	Via R Whiting	<b>Witnesses:</b>	T Mann – Tempus R Whiting -MIRA A Case – MIRA Ltd J Masters – Leicestershire Police

**Test Objective/Specification No:**  
ECE Regulation 17.07/ Computer Retention

#### Test Conditions:

- Skoda Octavia dashboard mounted on a rigid frame
- Tempus computer fitted into the Skoda Octavia dashboard.
- Ford Focus dashboard mounted on a rigid frame.
- Tempus computer fitted into the Ford Focus dashboard.
- The dashboards were positioned on the test sled to simulate a forwards impact.
- ECE17 legislation pulse was used

#### Test Equipment:

- 1 MIRA HyGe pneumatic reverse accelerator facility.
- 2 Four high-speed digital cameras.
- 3 Test sled.
- 4 Two sled accelerometers and data acquisition system.

#### Test Results:

- **Ford Focus: The dock remained completely secured to the Ford Focus dashboard and the computer remained fully restrained within the dock.**
- **Skoda Octavia: The dock remained completely secured to the Skoda Octavia dashboard however the computer came out of the dock due to the dock not being locked prior to the test. This configuration was immediately re-tested and subsequently passed (refer to test report H828B2 for results).**

<b>Test Result Sheet (Continued)</b>	<b>Page 2 of 3</b>	<b>MIRA – 1020089 H828B1</b>
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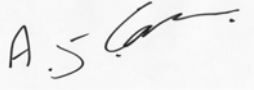
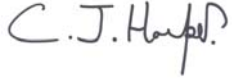
**Attachments/Notes:**

Appendix 1 Instrumentation Calibration And Quality Assurance Data (one page)

DataViewer disc including pre and post-test photographs, high-speed imaging and acceleration profiles.



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*	Name	Position	Signature	Date
<b>Prepared By</b>	A Case	Test Engineer Safety Developments		09/07/08
<b>Concurred By</b>	C Harper	Project Engineer Safety Developments		09/07/08

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**APPENDIX 1**  
**INSTRUMENTATION**  
**Calibration And Quality Assurance Data**

The means of calibrating test equipment is checked on a regular schedule to traceable standards in an International Assurance of Measurements (QAM) procedure. Each item of equipment is issued with a QAM number.

The numbers for the equipment used in these tests were: -

Channel	Q No.	Cal. Date	Recall Date	Description	Location
1	13907	26/09/07	26/09/08	Accelerometer	RH Sled
2	13901	03/01/08	03/01/09	Accelerometer	LH Sled

Test Number: H828b1

Project Number: 1020089

Test Date: 09/07/08

Engineer: Alan Case

**End of report**