

TEST RESULTS SHEET



TITLE: Seat Belt Anchorage Testing on LTI Taxi

MIRA-00-456429-02

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Project No: 456429

Client: LTI

Test Date(s): 18-19 May 2000

Client Liaison Engineer: David Godfrey

Authority: P00010400

Witnesses: D Godfrey, T Skelhon, D Brazier - LTI
N Skellern, D Brooks, A Hunt - MIRA

Test Objective/Specification No:

Seat Belt Anchorage Testing to ECE 14.05.

Validation of rear seat belt anchorages to ECE 14.05 with additional load applied to the wheelchair restraint anchorages.

Specimen Description/Part No(s):

- LTI TX1 (FX4 1998 model year).
- **Test 2** M1 Rearward test on two occasional fold down seats.
Lap / diagonal loads of 4.5 kN and a load of 5.56 kN (6.6g x 85kg wheelchair mass) applied to the wheelchair restraint anchorages.
- **Test 3** Carried out for customer confidence in the ultimate strength of the seat belt anchorages.
Rearward facing seat anchorages loaded to the equivalent of M1 forward facing seat.
Lap / diagonal loads of 13.5 kN and a load of 16.68 kN (20g x 85kg wheelchair mass) applied to the wheelchair restraint anchorages.

Test Equipment:

MIRA seat belt anchorage rig and equipment as listed in Appendix 1.

Results:

- Test 2** Achieved the M1 rearward facing load requirements with minimal distortion. See post test photographs.
- Test 3** Achieved the M1 forward facing load requirements. See post test photographs.

Attachments/Notes:

Graphs 1 - 2 Load Versus Time For Tests 2 And 3.
Photographs 1 - 6 Pre And Post Test
Appendix 1 Quality Assurance Of Measurements

Video recording of test

	Name	Position	Signature	Date
Prepared By	N K Skellern	Senior Engineer	<i>Nigel Skellern</i>	1st June 2000
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