



ANCAP Ltd

**GUIDELINES FOR CONTENTS OF
CRASH TEST REPORT AND DATA DVD's**

Version 1.0

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Guidelines for Contents of Crash Test Report and Data DVDs

This documents sets out the minimum requirements for crash test reports and for data DVDs

Crash Test Report

Test facility

Description of test facility and accreditations

Purpose

Description of purpose of test. For example "This tested was conducted at the request of ANCAP. The purpose was to prepare and crash test the vehicle according to ANCAP requirements (including use of Euro NCAP protocols, where appropriate) for the purpose of assessing a crashworthiness rating"

Test procedure

Description of the test procedure. For example "The test procedure was Version 4.1 of the Euro NCAP Side Impact Test Procedure, as modified by ANCAP. This involves a mobile deformable barrier striking the driver's side of the stationary vehicle at 50km/h and 90 degrees."

Summary of test set-up

Short narrative that identifies the vehicle that was tested, the dummies used in the test, the instrumentation (vehicle and dummy sensors). Reference should be made to appendices, where appropriate.

Results

A summary of the test results, including type of test, date, time, impact speed, ambient air temperature, temperature in occupant compartment at time of test, calculated injury measurements for driver dummy (eg HIC 36) and pre-modifier scores (according to Euro NCAP methods).

Conclusion

Confirmation that the test was conducted in accordance with ANCAP requirements or a discussion of issues if it was not to these requirements.

The report may also contain a disclaimer and advice about applicability of the results.

Appendices

Photographs showing matched pairs of before and after views of the vehicle exterior and dummies. Relevant pictures of deployed airbags and deformation of breakages should also be included here or in the damage report.

Vehicle and dummy instrumentation data - summary of injury measurements plus graphs of instrumentation data and filtering specifications for these data.

Test vehicle and set-up details - vehicle specifications (including restraint systems), vehicle mass and attitude measurements, summary of seat, seat belt and steering wheel adjustments, H-point and dummy positioning measurements (see relevant ANCAP Guidelines), child restraint and child dummy specifications and camera locations

Vehicle measurements and damage report - crush profile and deformation measurements, door opening forces, description of damage to vehicle components/sub-systems, evidence of dummy contacts and damage to dummies.

Dummy certification - summary of calibration of dummy sub-systems (eg Head drop) showing test number(s) and last date of calibration.

Deformable barrier certification - copy of barrier certificate

Temperature readings - copy of temperature trace for the test

Data DVD

1. Electronic copy of test report in PDF format
2. Photographs - before and after photographs, test set-up photographs, high-speed action shots around the peak of the crash. These should be in separate directories. Only the "before and after" photographs are to be included on data DVDs that are to be provided outside ANCAP and its contractors, unless authorised by ANCAP.
3. Videos from edited sections of the high-speed videos. These should be in widely acceptable format such as DVD or MPG (AVI should be avoided due to format uncertainties).
4. Instrumentation data in raw and filtered format.