# SURFACE VEHICLE RECOMMENDED PRACTICE

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Occupant Restraint and Equipment Mounting Integrity -
Side Impact Ambulance Patient Compartment

RATIONALE

This technical report is Stabilized because it covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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## 1. SCOPE

This SAE Recommended Practice describes the test procedures for conducting side impact occupant restraint and equipment mounting integrity tests for ambulance patient compartment applications. Its purpose is to describe crash pulse characteristics and establish recommended test procedures that will standardize restraint system and equipment mounting testing for ambulances. Descriptions of the test set-up, test instrumentation, photographic/video coverage, and the test fixtures are included.

## 2. REFERENCES

### 2.1 Applicable Documents

The following publications form a part of the specification to the extent specified herein. Unless otherwise indicated, the latest revision of SAE publications shall apply.

#### 2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

SAE J211-1 Instrumentation for Impact Test - Part 1: Electronic Instrumentation

SAE J211-2 Instrumentation for Impact Test - Part 2: Photographic Instrumentation

SAE J1727 Calculation Guidelines for Impact Testing

SAE Engineering Aid 23 “Users’ Manual for the 50th-Percentile Hybrid-III Test Dummy,” June 1985

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