

ISO/TR 10982:1998-03 (E)

Road vehicles - Test procedures for evaluation out-of-position vehicle occupant interactions with deploying air bags

Contents	Page
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Test device	2
4.1 General	2
4.2 50th percentile male Hybrid III dummy	2
4.3 "Small female" Hybrid III dummy	2
4.4 Three-year-old child Hybrid III dummy	2
5 Instrumentation	2
5.1 Adult size dummy	2
5.2 Three-year-old child dummy	3
5.3 Data requirements	3
5.4 Dummy test temperature	3
6 Sled pulses	3
6.1 General	3
6.2 Mild severity crash pulse	3
6.3 Moderate severity crash pulse	3
7 Static and dynamic tests for driver air bag systems	6
7.1 Test set-up	6
7.2 Prepositioned driver tests	6
7.3 Acceleration-induced out-of-position driver dynamic tests	7
8 Static and dynamic tests for passenger air bag systems, using child dummy	7
8.1 General	7
8.2 Test set-up	7
8.3 Child dummy test positions	8
8.4 Child dummy static tests for passenger air bag systems	9
8.5 Child dummy dynamic tests for passenger air bag systems	9
9 Static and dynamic tests for passenger air bag systems using adult dummies	9
9.1 General	9
9.2 Test set-up	10
9.3 Adult dummy positions near instrument panel	10
9.4 Adult dummy static tests for passenger air bag systems	10
9.5 Adult dynamic tests for passenger air bag systems	10
Annex A (informative) Bibliography	12