

SLED TEST RUN: SB07-16-001

SnuggleBundl - FRONTAL IMPACT SLED TEST - DATA SUMMARY																		
Sled Test # Date	FMVSS / CMVSS	Veh. Seat Position	Child Restraint	Harness Position	Crotch Position	Recline Position	Seat Direction / Mode	Restraint System	Tether (Y/N)	Canadian Head C/tp 3ms (g's)		Head Ex (in) Knee Ex (in) Post SB Angle (deg)		Vertical Head CG Exceeded (Y/N)	Test G's (g's)	Velocity (mph)		
										36ms (g's)	3ms (g's)	Pre SB Angle (deg)	Post SB Angle (deg)					
SB07-16-001B 07/18/2016	F	P5	Chicco Keyfit	1	1	RF	LATCH	N	Newborn SN 01	--	--	42.6	54	N	23.5	29.7		
Comments: - SnuggleBundl accessory with thicker material is used. Handle is in the carry position. No post-test issues.																		
Bottom Foam (2"x20" and 4"x20")										-	Back Foam (2"x24" and 4"x24")					-	Test Result	Pass/Fail
Test Compliance Requirement																		
Structural integrity:																		
(S5.1.1(a) of CFR 571.213 2015) No Complete Separation										No Separation							Pass	
(S5.1.1(a) of CFR 571.213 2015) No Partial Separation with Exposed Edge Radius < 6.4mm (1/4")										No Exposed Edge							Pass	
(S5.1.1(a) of CFR 571.213 2015) No Partial Separation with Protrusion> 9.5mm (3/8")										No Protrusion							Pass	
(S5.1.3.2 of CFR 571.213 2015) No Change										No Change							Pass	
(S5.1.1(a) of CFR 571.213 2015) Head CG not beyond the forward-most edge of the restraint system										Not Beyond							Pass	
(S5.1.4 of CFR 571.213 2015) Equal to, or less than 70 degrees										54 degrees							Pass	
(S5.1.2.1(b) of CFR 571.213 2015) The chest acceleration shall not exceed 60g for intervals whose cumulative duration is more than 3 ms.										--							NA	
(S5.1.2.1(a) of CFR 571.213 2015) Maximum calculated head injury criterion for a 36ms time interval shall not exceed 1000 (not applicable for tests using 10YO & weighted 6-year-old dummy).										--							NA	
(S5.1.3.1(a)(1) of CFR 571.213 2015) Allow any portion of the head to go more than 32" (813mm) past Z-point - unless tethered, then 28.3" (720mm) past Z-point.										NA							NA	
(S5.1.3.1(a)(2) of CFR 571.213 2015) Allow knee pivot point to go more than 36" (915mm) past Z-point.										NA							NA	